CATALOGUE OF TYPE AND ILLUSTRATED SPECIMENS IN THE DEPARTMENT OF HISTORICAL GEOLOGY AND PALAEONTOLOGY OF THE UNIVERSITY MUSEUM, UNIVERSITY OF TOKYO

PART II. CENOZOIC FOSSILS AND RECENT SPECIMENS

TAKEO ICHIKAWA
Geological Institute, University of Tokyo

University Museum, University of Tokyo
Material Reports No.9, 1983

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PART II. CENOZOIC FOSSILS AND RECENT SPECIMENS

by

Takeo ICHIKAWA

Introduction

The scientific value of hitherto published taxonomic papers depends on adequate preservation and arrangement of the originally described specimens. Curatorial works on the fossil specimens kept in the Geological Institute were commenced in the early half of this century at the instance of Professor Teiichi Kobayashi, and were continued by his successors. In 1948, just after World War II, a new procedure of registration of type specimens was applied to adapt the registration to the newly developed ideas of modern taxonomy and is now fully in force. Successive staff members and students in the Paleontological Laboratory of the Geological Institute under the leadership of Professor Fuyuji Takai spent the ensuing years on curatorial work especially of the molluscan species described by the late Professors Matajiro Yokoyama and Yanosuke Otuka and a fairly large proportion of the specimens were registered.

The University Museum was established in the University of Tokyo in 1966 and all the specimens kept in the Geological Institute, Faculty of Science were moved to the newly built University Museum. In 1972, when Professor Tetsuro Hanai started to cooperate with the work in the Museum, he regarded the registration and arrangement of type and illustrated specimens as one of the most important projects not only in the Department of Historical Geology and Palaeontology of the University Museum but also in the Paleontological Laboratory of the Geological Institute, Faculty of Science. Thus he requested me to devote most of my time to completion of

the catalogueing the type and illustrated specimens. After the arrival of Dr. Itaru Hayami at the Museum in 1973, curatorial work increased in efficiency through his advice and suggestions. In 1978, the curatorial work on the Paleozoic and Mesozoic fossils was completed with the publication of a catalogue written by Dr. Hayami and myself (Ichikawa and Hayami, 1978). For the following five years I have devoted myself to curating and catalogueing the remaining described specimens and the second part of the catalogue dealing with Cenozoic fossils and Recent specimens is now completed.

The purpose and format of this catalogue are the same as in the first part; almost all the Cenozoic and Recent specimens, which were described before 1982 and are (or will be) preserved in this department, are listed by published papers arranged in alphabetical order of their authors. Taxonomic names are uncritically listed except for some obvious typographical errors, but categories of type specimens were examined.

Reflecting the history of paleontological research in this university, most of the Cenozoic described fossils are molluscs; gastropods and bivalves are especially abundant. Cenozoic mammals and Cenozoic and Recent crustaceans occupy the greater part of the remaining specimens.

The listed specimens (including missing ones), totalling up to 11,271, are made up as follows:

Cenozoic Plantae (with prefix CP)	8
Cenozoic Protista (with prefix CF)	12
Cenozoic Coelenterata (with prefix CC)	5
Cenozoic Brachiopoda (with prefic CB)	70
Cenozoic Annelida (with prefix CW)	28
Cenozoic Mollusca (with prefix CM)	9,117
Cenozoic Arthropoda (with prefix CA)	173
Cenozoic Echinodermata (with prefix CE)	50
Cenozoic Vertebrata (with prefix CV)	1,491
Recent Mollusca (with prefix RM)	134
Recent Arthropoda (with prefix RA)	179
Recent Echinodermata (with prefix RE)	1
Recent Vertebrata (with prefix RV)	3

INTRODUCTION

I express my sincere gratitude to Professor Tetsuro Hanai for his warm encouragement and guidance. I would like to dedicate this catalogue to him celebrating his sixtieth birthday and commemorating his retirement. I am much indebted to Dr. Itaru Hayami for his kind advice and reading of the first draft including checking type categories in terms of the International Codes of Zoological Nomenclature and to Dr. Kiyotaka Chinzei for giving me much information on Cenozoic Molluscan taxonomy. Acknowledgments are also due to many successive staff members and students in the Geological Institute of the University of Tokyo who assisted very much in laying the foundations of the present curatorial work, and to Miss Kasumi Ohma who also assisted me in typing most of the manuscript.

Reference

Ichikawa, T. and Hayami, I. (1978): Catalogue of type and illustrated specimens in the Department of Historical Geology and Palaeontology of the University Museum, University of Tokyo. Part I. Paleozoic and Mesozoic fossils. *Univ. Mus. Univ. Tokyo, Mater. Rept.*, no.2, pp. i-x, 1-396.

Registration of specimens

In order to meet the convenience of visitors and investigators we state here the following traditional policy of registration of specimens in the Department of Historical Geology and Palaeontology, the University Museum, University of Tokyo.

1) The following rules are concerned only with described specimens (including replicas) of organisms, whether living or fossil, which are preserved or to be preserved in the Department.

2) Each individual (or colony) of type and illustrated specimens has one specific register number. (Therefore, the same number is given to the mould and cast, if they originated from one and the same individual.) Different individuals on the same inseparable slab or block should be distinguished by different registration numbers or at least by different suffix a, b, c, ... As to described but unfigured specimens, however, more than one individual may be treated collectively under a single registration number.

3) Two capital letters indicating the age (Era) and taxonomic position (Phylum, etc.) should be prefixed to each registration number.

First letter (age): P: Paleozoic, M: Mesozoic, C: Cenozoic, R: Recent

Second letter (taxonomic position): P: Plantae, F. Protozoa, S: Porifera, C: Coelenterata, B: Brachiopods and Bryozoa, M: Mollusca, A: Arthropoda, E: Echinodermata, H: Hemicordata, V: Vertebrata, W: "Worms" and Problematica

Once determined the prefix is not altered, even if the age or taxonomic position is changed after registration.

4) Deposition and registration of described specimens should be made by the author of each paper in consultation with the curator in the Department. The author (or curator entrusted by the author) is requested to enter the necessary details (taxonomic name, locality, horizon, reference with numbers of page, plate and figures, etc.) in a register book. Without this procedure any registration number cited in papers might be invalidated.

5) The author is requested to present two copies of the relevant publication to the Department for curatorial purposes.

LIST OF TYPE AND ILLUSTRATED SPECIMENS BY PAPERS

The format of this catalogue is fundamentally in agreement with the method of arrangement in the type room of this Department. Relevant descriptive papers are alphabetically arranged by author names (and dates), and the type and illustrated specimens in the same paper are listed in order of registration numbers. Unfigured specimens are also separately listed as possible. Some missing specimens, mentioned in old papers, which are not yet registered, are not listed here. Taxonomic names are uncritically listed, since their modernization over so diverse taxonomic groups is clearly beyond the ability of curators. Only some typographical, grammatical and other evident errors in their original spelling are corrected. Categories of type specimens, namely holotype (by original designation or by monotypy), paratype, syntype, lectotype, paralectotype and neotype, are critically examined as possible in accordance with the International Codes of Zoological Nomenclature. However, the true status of "syntypes" in this list cannot always be confirmed, because some of them may have been designated as lectotypes and paralectotypes by subsequent taxonomic studies at home and abroad. The registration numbers with an asterisk indicate that only replicas (plaster cast, etc.) of original specimens are preserved or to be preserved in this Department. Horizons and localities are, of course, indispensable information for further investigations, but they are not mentioned in this catalogue for brevity, because the curators believe that most investigators and visitors will observe these described specimens after having seen the original papers. In most cases the curators can hardly give any more detailed information about the horizons and localities than written in the original descriptions.

Chinzei, K. (1958): A new Pliocene Venericardia from the northern end of Iwate Prefecture, Japan. *Venus,* vol.20, no.1, pp.119-128, pl.7, figs.1-3.

CM8501. *Venericardia ochiaiensis* Chinzei, p.120, pl.7, figs.1,2, Holotype.

CM8502. *Venericardia ochiaiensis* Chinzei, p.120, pl.7, fig.7, Paratype.

CM8503. *Venericardia ochiaiensis* Chinzei, p.120, pl.7, fig.10, Paratype.

CM8504. *Venericardia ochiaiensis* Chinzei, p.120, pl.7, fig.8, Paratype.

CM8505. *Venericardia ochiaiensis* Chinzei, p.120, pl.7, fig.11, Paratype.

CM8506. *Venericardia ochiaiensis* Chinzei, p.120, pl.7, fig.12, Paratype.

CM8507. *Venericardia ochiaiensis* Chinzei, p.120, pl.7, fig.9, Paratype.

CM8509. *Venericardia ochiaiensis* Chinzei, p.120, pl.7, fig.14, Paratype.

CM8510. *Venericardia ochiaiensis* Chinzei, p.120, pl.7, fig.13, Paratype.

CM8511. *Venericardia ochiaiensis* Chinzei, p.120, pl.7, figs.4,5, Paratype.

The following specimens, though not illustrated, were also treated in this paper.

Venericardia ochiaiensis Chinzei: CM8508, CM8512, Paratypes

Chinzei, K. (1959): Molluscan fauna of the Pliocene Sannohe Group of northeast Honshu, Japan. 1. The faunule of the Kubo Formation. *Jour. Fac. Sci., Univ. Tokyo,* sec.2, vol.12, pt.1, pp.103-132, pls.9-11, text-figs. 1-3.

CM8501. *Venericardia ferruginea ochiaiensis* Chinzei, p.124, pl.11, figs. 6,7, Holotype. (see also Chinzei, 1958)

CM8513. *Alvania awa* Chinzei, p.109, pl.10, figs.1,2, Holotype.

CM8514. *Alvania awa* Chinzei, p.109, pl.10, figs.3,4, Paratype.

CM8521. *Turritella (Neohaustator) nipponica* Yokoyama, p.110, pl.10, fig.14.

CM8524. *Epitonium (Boreoscala)* cf. *echigonum* Kanehara, p.110, pl.10, fig. 13.

CM8526. *Natica (Tectonatica) russa* Gould, p.110, pl.10, fig.8.

CM8529. *Trophonopsis* aff. *beringi* (Dall), p.111, pl.10, figs.11,12.

CM8530. *Trophonopsis* sp., p.112, pl.9, figs.14,15.

CM8531. *Neptunea otukai* Chinzei, p.112, pl.9, figs.12,13, Holotype.

CM8532. *Coraeophos meisensis ninohensis* Chinzei, p.114, pl.9, figs.18-20, Holotype.

CM8533. *Coraeophos meisensis ninohensis* Chinzei, p.114, pl.9, figs.21,22, Paratype.

Chinzei, K. (1959): continued

CM8534. *"Macron" nipponensis* Chinzei, p.115, pl.9, figs.10,11, Holotype.

CM8535. *Admete lischkei* (Yokoyama), p.116, pl.10, figs.5,6.

CM8536. *Admete lischkei* (Yokoyama), p.116, pl.10, fig.7.

CM8537. *Suavodrillia oyamai* Chinzei, p.116, pl.9, figs.1-3, Holotype.

CM8538. *Suavodrillia oyamai* Chinzei, p.116, pl.9, figs.4,5, Paratype.

CM8540. *Antiplanes (Rectiplanes) sadoensis* (Yokoyama), p.117, pl.9, figs. 6,7.

CM8541. *Antiplanes (Rectiplanes) sadoensis* (Yokoyama), p.117, pl.9, figs. 8,9.

CM8543. *Propebela* cf. *nakamurai* (Onoyama), p.118, pl.9, figs.23-25.

CM8544. *Propebela* cf. *kurodai* (Onoyama), p.119, pl.10, figs.17,18.

CM8545. *Propebela* cf. *furricula* (Montague), p.119, pl.10, figs.15,16.

CM8546. *Propebela* sp., p.119, pl.9, figs.16,17.

CM8547. *Mohnia* sp., p.116, pl.10, figs.19,20.

CM8549. *Menestho araii* (Otuka), p.120, pl.10, figs.24,25.

CM8550. *Menestho araii* (Otuka), p.120, pl.10, fig.23.

CM8555. *Menestho iwatensis* Chinzei, p.121, pl.10, figs.21,22, Holotype.

CM8556. *Menestho nomurai* Chinzei, p.121, pl.10, figs.9,10, Holotype.

CM8557. *Odostomia (Evalea)* cf. *aleutica* Dall & Bartsch, p.122, pl.11, figs.4,5.

CM8558. *Glycymeris derelicta* (Yokoyama), p.122, pl.11, figs.13-15.

CM8559. *Glycymeris derelicta* (Yokoyama), p.122, pl.11, fig.12.

CM8566. *Nucinella (Huxleyia) ochiaiensis* Chinzei, p.123, pl.11, figs.1,2, Holotype.

CM8567. *Nucinella (Huxleyia) ochiaiensis* Chinzei, p.123, pl.11, fig.3, Paratype.

CM8572. *Clinocardium iwatense* Chinzei, p.125, pl.11, fig.9, Holotype.

CM8573. *Clinocardium iwatense* Chinzei, p.125, pl.11, fig.10, Paratype.

CM8576. *Macoma calcarea* (Gmelin), p.126, pl.11, fig.11.

CM8580. *Panomya ampla* Dall, p.128, pl.11, fig.8.

The following specimens, though not illustrated, were also treated in this paper.

Venericardia ferruginea ochiaiensis Chinzei: CM8502, CM8503, CM8504, CM8505, CM8506, CM8507, CM8508, CM8509, CM8510, CM8511, CM8512, Paratypes. (see also Chinzei, 1958)

Chinzei, K. (1959): continued

Alvania awa Chinzei: CM8515, CM8516, CM8517, CM8518, CM8519, Paratypes

Fusitriton oregonensis (Redfield): CM8520

Turritella (Neohaustator) nipponica Yokoyama: CM8522, CM8523, CM8587

Epitonium (Boreoscala) cf. *echigonum* Kanehara: CM8525

Natica (Tectonatica) russa Gould: CM8527, CM8528

Suavodrillia oyamai Chinzei: CM8539, Paratype

Antiplanes (Rectiplans) sadoensis (Yokoyama): CM8542, CM8590

Mohnia sp.: CM8548

Menestho araii (Otuka): CM8551, CM8552, CM8553, CM8554

Glycymeris derelicta (Yokoyama): CM8560, CM8561, CM8562, CM8563, CM8564, CM8565

Nucinella (Huxleyia) ochiaiensis Chinzei: CM8568, Paratype

Lucinoma acutilineatum (Conrad): CM8569, CM8570, CM8571

Clinocardium iwatense Chinzei: CM8574, CM8591, Paratype

Serripes sp. cf. *notabilis* (Sowerby): CM8575

Macoma calcarea (Gmelin): CM8577, CM8578

Dosinia sp.: CM8579

Panomya ampla Dall: CM8581, CM8582, CM8583

"*Pandora*" sp. cf. *pulchella* Yokoyama: CM8584

Neptunea otukai Chinzei: CM8585, CM8586, Paratypes

Coraeophos meisensis ninohensis Chinzei: CM8588, CM8589, Paratypes

Chlamys cf. *cosibensis* (Yokoyama): CM8592

Liloa sp.: CM8593

Chinzei, K. (1960): A new Fortipecten from the Pliocene Sannohe Group in Aomori Prefecture, northeast Japan. *Japan. Jour. Geol. Geogr.*, vol.31, no.1, pp.63-70, pl.7, text-figs.1-3.

CM8594. *Pecten (Fortipecten) kenyoshiensis* Chinzei, p.64, pl.7, figs.1-3, Holotype.

CM8596. *Pecten (Fortipecten) kenyoshiensis* Chinzei, p.64, pl.7, fig.5, Paratype.

CM8602. *Pecten (Fortipecten) kenyoshiensis* Chinzei, p.64, pl.7, figs.6,7, Paratype.

CM8603. *Pecten (Fortipecten) kenyoshiensis* Chinzei, p.64, text-fig.2, Paratype.

Chinzei, K. (1960): continued

CM8604. *Pecten (Fortipecten) kenyoshiensis* Chinzei, p.64, pl.7, fig.4, Paratype.

CM8608. *Pecten (Fortipecten) kenyoshiensis* Chinzei, p.64, text-fig.1, Paratype.

The following specimens, though not illustrated, were also treated in this paper.

Pecten (Fortipecten) kenyoshiensis Chinzei: CM8595, CM8597, CM8598, CM8599, CM8600, CM8601, CM8605, CM8606, CM8607, CM8609, CM8610, CM8611, CM8612, CM8613, CM8614, Paratypes

Chinzei, K. (1961): Molluscan fauna of the Pliocene Sannohe group of northeast Honshu, Japan. 2. The faunule of the Togawa formation.

Jour. Fac. Sci., Univ. Tokyo, sec.2, vol.13, pt.1, pp.81-131, pls.1-4, text-figs.1-8.

CM8615. *Turritella (Neohaustator) fortilirata* Sowerby, p.100, pl.3, fig. 12.

CM8624. *Polytropa freycinetii* (Deshayes), p.101, pl.4, figs.4,12.

CM8626. *Polytropa shiwa* Chinzei, p.102, pl.2, figs.3,7,8, Holotype.

CM8632. *Limopsis (Empleconia)* cf. *cumingi* A. Adams, p.104, pl.1, figs.6,7.

CM8633. *Anadara (Anadara) tatunokutiensis nagawensis* Chinzei, p.104, pl.2, figs.1, 11, 12, Holotype.

CM8634. *Anadara (Anadara) tatunokutiensis nagawensis* Chinzei, p.104, pl.2, fig.10, Paratype.

CM8638. *Anadara (Anadara) tatunokutiensis nagawensis* Chinzei, p.104, pl.2, figs.4,9, Paratype.

CM8645. *Pecten (Patinopecten) sannohensis* Chinzei, p.107, pl.1, fig.3, Holotype.

CM8646. *Pecten (Patinopecten) sannohensis* Chinzei, p.107, pl.1, fig.4, Paratype.

CM8647. *Pecten (Patinopecten) sannohensis* Chinzei, p.107, pl.1, fig.1, Paratype.

CM8648. *Pecten (Patinopecten) sannohensis* Chinzei, p.107, pl.1, fig.2, Paratype.

CM8649. *Pecten (Patinopecten) sannohensis* Chinzei, p.107, pl.1, fig.5, Paratype.

CM8655. *Venericardia (Cyclocardia) aomoriensis* Chinzei, p.110, pl.1, figs. 9-11, Holotype.

Chinzei, K. (1961): continued

CM8657. *Clinocardium* sp.1, p.111, pl.3, fig.9.

CM8665. *Callista* cf. *brevisiphonata* (Carpenter), p.112, pl.3, fig.10.

CM8666. *Callista* sp., p.113, pl.4, fig.7.

CM8668. *Callista* sp., p.113, pl.4, fig.11.

CM8670. *Dosinia* cf. *japonica* (Reeve), p.113, pl.3, fig.8.

CM8678. *Dosinia (Kaneharaia) kaneharai* Yokoyama, p.114, pl.3, fig.7.

CM8680. *Dosinia (Kaneharaia) kaneharai* Yokoyama, p.114, pl.3, fig.1.

CM8700. *Mercenaria stimpsoni* (Gould), p.115, pl.2, figs.5,6.

CM8704. *Mercenaria stimpsoni* (Gould), p.115, pl.3, fig.5.

CM8710. *Protothaca (Callithaca) adamsi* (Reeve), p.117, pl.1, fig.8.

CM8717. *Spisula (Pseudocardium) kurikoma* (Nomura), p.119, pl.4, fig.14.

CM8718. *Spisula (Pseudocardium) kurikoma* (Nomura), p.119, pl.4, figs.2,3.

CM8726. *Spisula (Pseudocardium) kurikoma* (Nomura), p.119, pl.4, figs.5,6.

CM8727. *Spisula (Pseudocardium) kurikoma* (Nomura), p.119, pl.4, figs.8,10.

CM8730. *Spisula (Mactromeris) voyi* (Gabb), p.120, text-fig.8.

CM8740. *Macoma* cf. *tokyoensis* Makiyama, p.121, pl.2, fig.2.

CM8742. *Tellina (Peronidia) protovenulosa* Nomura, p.122, pl.4, fig.9.

CM8743. *Tellina (Peronidia) protovenulosa* Nomura, p.122, pl.3, fig.11.

CM8744. *Tellina (Peronidia) protovenulosa* Nomura, p.122, pl.4, fig.1.

CM8745. *Tellina (Peronidia) protovenulosa* Nomura, p.122, pl.3, fig.6.

CM8747. *Tellina (Peronidia) protovenulosa* Nomura, p.122, pl.4, fig.13.

CM8758. *Solen krusensterni* Schrenck, p.124, pl.3, fig.4.

CM8763. *Panope* cf. *estrellana* (Conrad), p.125, pl.3, figs.2,3.

CM8774. *Mya japonica oonogai* Makiyama, p.126, pl.3, fig.13.

The following specimens, though not illustrated, were also treated in this paper.

Turritella (Neohaustator) fortilirata Sowerby: CM8616, CM8617, CM8618, CM 8619

Natica (Tectonatica) sp.: CM8620, CM8621

Fusitriton oregonensis (Redfield)(?): CM8622

Neptunea cf. *arthritica* (Bernard): CM8623

Polytropa freycinetii (Deshayes): CM8625

Polytropa shiwa Chinzei: CM8627 (missing), CM8628 (missing), Paratypes

Chinzei, K. (1961): continued

Acila (Truncacila) sp.: CM8629, CM8630, CM8631

Anadara (Anadara) tatunokutiensis nagawensis Chinzei: CM8635, CM8636, CM 8637, CM8639, CM8640, CM8641, CM8642, Paratypes

Glycymeris cf. *yessoensis* (Sowerby): CM8643 (missing), CM8644

Pecten (Patinopecten) sannohensis Chinzei: CM8650, CM8651, CM8652, CM8653, Paratypes

Venericardia (Cyclocardia) cf. *crebricostata* (Drause): CM8654

Lucinoma annulatum (Reeve): CM8656

Clinocardium sp. 1: CM8658 (missing), CM8659, CM8660 (missing), CM8661 (missing), CM8662

Clinocardium sp. 2: CM8663

Serripes cf. *groenlandica* (Bruguière): CM8664

Callista sp.: CM8667, CM8669

Dosinia cf. *japonica* (Reeve): CM8671, CM8672 (missing), CM8673 (missing), CM8674, CM8675, CM8676

Dosinia (Kaneharaia) kaneharai Yokoyama: CM8677, CM8679, CM8681, CM8682, CM8683

Mercenaria stimpsoni (Gould): CM8684, CM8685, CM8686, CM8687, CM8688, CM 8689, CM8690, CM8691, CM8692, CM8693, CM8694, CM8695, CM8696, CM8697, CM8698, CM8699, CM8701, CM8702, CM8703, CM8705, CM8706, CM8707, CM8708, CM8709

Protothaca (Callithaca) adamsi (Reeve): CM8711, CM8712, CM8713, CM8714, CM8715

Mactra sulcataria carneopticta Pilsbry: CM8716

Spisula (Pseudocardium) kurikoma (Nomura): CM8719, CM8720, CM8721, CM8722, CM8723, CM8724, CM8725, CM8728, CM8729

Spisula (Mactromeris) voyi (Gabb): CM8731, CM8732, CM8733, CM8734, CM8735, CM8736, CM8737, CM8738, CM8739

Macoma cf. *tokyoensis* Makiyama: CM8741

Tellina (Peronidia) protovenulosa Nomura: CM8746, CM8748, CM8749, CM8750, CM8751, CM8752, CM8753, CM8754, CM8755

Siliqua cf. *alta* (Broderip and Sowerby): CM8756

Solen krusensterni Schrenck: CM8757, CM8759, CM8760, CM8761 (missing), CM8762 (missing)

Panope cf. *estrellana* (Conrad): CM8764, CM8765, CM8766, CM8767, CM8768, CM8769, CM8770, CM8771

Mya japonica Jay: CM8772, CM8773

Mya japonica oonogai Makiyama: CM8775

Chinzei, K. (1973): Omma-Manganjian molluscan fauna in the Futatsui area of northern Akita, Japan. *Trans. Proc. Palaeont. Soc. Japan,* N. S., no.90, pp.81-94, pl.14, text-figs.1-3.

CM8080. *Anadara amicula* (Yokoyama), p.89, pl.14, fig.1.

CM8081. *Macoma calcarea* (Gmelin), p.89, pl.14, fig.2a,b.

CM8082. *Acila (Truncacila) nakazimai* Otuka, p.88, pl.14, fig.3.

CM8083. *Felaniella usta* (Gould), p.88, pl.14, fig.4.

CM8084. *Mercenaria stimpsoni* (Gould), p.89, pl.14, fig.5.

CM8085. *Thracia kakumana* (Yokoyama), p.88, pl.14, fig.6.

CM8086. *Rectiplanes sadoensis* (Yokoyama), p.86, pl.14, fig.7.

CM8087. *Limopsis tokaiensis* Yokoyama, p.88, pl.14, fig.8.

CM8088. *Tectonatica tugaruana* (Nomura & Hatai), p.86, pl.14, fig.9a,b.

CM8089. *Nuculana robai* (Kuroda), p.86, pl.14, fig.10.

CM8090. *Umbonium (Suchium) akitanum* Suzuki, p.90, pl.14, fig.11.

CM8091. *Turritella saishuensis motidukii* Otuka, p.88, pl.14, fig.12.

CM8092. *Turricula kaderleyi* (Lischke), p.86, pl.14, fig.13.

CM8093. *Turritella nipponica* Yokoyama, p.86, pl.14, fig.14.

CM8094. *Mya cuneiformis* (Böhm), p.88, pl.14, fig.15.

The following specimens, though not illustrated, were also treated in this paper.

Turritella nipponica Yokoyama: CM8095, CM8096, CM8097, CM8098, CM8099

Fulgoraria prevostiana (Crosse): CM8100, CM8101

Buccinum tsubai Kuroda: CM8102, CM8103, CM8104, CM8105

Neptunea sp.: CM8106, CM8107, CM8108

Tectonatica tugaruana (Nomura and Hatai): CM8109

Fusitriton oregonensis (Redfield): CM8110

Admete tabatai (Yokoyama): CM8111

Rectiplanes sadoensis (Yokoyama): CM8112, CM8113

Nuculana robai Kuroda: CM8114, CM8115, CM8116, CM8117

Macoma calcarea (Gmelin): CM8118, CM8119, CM8120, CM8244, CM8246, CM8247

Serripes groenlandica Bruguière: CM8121, CM8122, CM8123, CM8192, CM8193, CM8194, CM8194, CM8195, CM8196, CM8224

Limatula kurodai Oyama: CM8124, CM8131

Pandora pulchella (Yokoyama): CM8125, CM8126, CM8127

Chinzei, K. (1973): continued

Acila cf. *insignis* (Gould): CM8128, CM8234

Limopsis tokaiensis Yokoyama: CM8129, CM8130, CM8257, CM8258, CM8259, CM 8260

Panomya beringiana Dall: CM8132

Clinocardium sp.: CM8133, CM8168, CM8169

Portlandia japonica (Adams and Reeve): CM8134

Nuculana sp.: CM8135

Ennucula tenuis (Montagu): CM8136

Venericardia ferruginea (Clessin): CM8137, CM8138, CM8253, CM8254, CM8255

Periploma sp.: CM8139

Astarte borealis Schumacher: CM8140

Thyasira bisecta (Conrad): CM8141, CM8142, CM8243

Cardiomya sp.: CM8143

Siphonodentalium sp.: CM8144

Turritella saishuensis motidukii Otuka: CM8145, CM8146, CM8147, CM8148, CM8149, CM8150, CM8151, CM8152, CM8153, CM8154, CM8155

Mohnia sp.: CM8156, CM8157, CM8161

Turricula sp.: CM8158

Umbonium akitanum Suzuki: CM8159, CM8160

Macoma tokyoensis Makiyama: CM8162, CM8163, CM8164, CM8165, CM8166, CM8167

Mercenaria stimpsoni (Gould): CM8170, CM8171, CM8172, CM8173, CM8174, CM8175

Anadara amicula (Yokoyama): CM8176, CM8177, CM8178

Protothaca adamsi (Reeve): CM8179, CM8180

Callista sp.: CM8181

Mya cuneiformis (Böhm): CM8182, CM8183, CM8184, CM8185, CM8186

Thracia kakumana (Yokoyama): CM8187, CM8188, CM8189, CM8190, CM8191

Felaniella usta (Gould): CM8225, CM8226, CM8227

Dosinia japonica (Reeve): CM8228, CM8229, CM8230, CM8231, CM8232, CM8233

Glycymeris yessoensis (Sowerby): CM8235, CM8236, CM8237, CM8238

Patinopecten kurosawensis (Yokoyama): CM8239, CM8240

Miyagipecten matsumoriensis Masuda: CM8241

Peronidia protovenulosa (Nomura): CM8242

Yoldia notabilis Yokoyama: CM8248

Chinzei, k. (1973): continued

Spisula voyi (Gabb): CM8249, CM8250

Panomya simotomensis Otuka: CM8251, CM8252

Acila nakazimai Otuka: CM8256

Musculus sp.: CM8261, CM8262

Frydl, Paul M. (1982): Holocene Ostracods in the southern Boso Peninsula. *Univ. Museum, Univ. Tokyo, Bull.*, no.20, pp.61-140, 257-272, pls.8,9, text-figs.1-32.

CA15001. *Argilloecia lunata* Frydl, p.127, pl.8, fig.6, Holotype.

CA15002. *Argilloecia lunata* Frydl, p.127, pl.8, fig.3, Paratype.

CA15003. *Argilloecia lunata* Frydl, p.127, pl.8, fig.4, Paratype.

CA15004. *Argilloecia lunata* Frydl, p.127, pl.8, fig.5, Paratype.

CA15005. *Argilloecia lunata* Frydl, p.127, pl.8, fig.7, text-fig.31f, Paratype.

CA15006. *Paracypris* sp., p.128, text-fig.32e.

CA15007. *Callistocythere numaensis* Frydl, p.128, pl.9, fig.1, Holotype.

CA15008. *Callistocythere numaensis* Frydl, p.128, pl.9, fig.2, Paratype.

CA15009. *Callistocythere numaensis* Frydl, p.128, pl.9, fig.3, text-fig. 31a, Paratype.

CA15010. *Callistocythere tateyamaensis* Frydl, p.131, pl.9, fig.5, Holotype.

CA15011. *Callistocythere tateyamaensis* Frydl, p.131, pl.9, fig.4, Paratype.

CA15012. *Callistocythere tateyamaensis* Frydl, p.131, pl.9, fig.6, text-fig.31b, Paratype.

CA15013. *Callistocythere tateyamaensis* Frydl, p.131, pl.9, fig.7, Paratype.

CA15014. *Neomonoceratina* sp., p.132, pl.9, fig.12.

CA15015. *Hemicythere* sp., p.132, pl.9, fig.15.

CA15017. *Aurila* sp. A, p.132, pl.9, fig.11.

CA15018. *Aurila* sp. B, p.132, pl.9, fig.13.

CA15019. *Aurila* sp. B, p.132, pl.9, fig.14.

CA15020. *Trachyleberis straba* Frydl, p.133, pl.8, fig.1; pl.9, fig.18, Holotype.

CA15021. *Trachyleberis straba* Frydl, p.133, pl.8, fig.2; pl.9, fig.17, text-fig.31e, Paratype.

CA15022. *Trachyleberis straba* Frydl, p.133, pl.9, fig.16, Paratype.

CA15023. *Semicytherura sabula* Frydl, p.134, pl.8, fig.10, Holotype.

CA15024. *Semicytherura sabula* Frydl, p.134, pl.8, fig.8, Paratype.

CA15025. *Semicytherura sabula* Frydl, p.134, pl.8, fig.9, Paratype.

CA15026. *Semicytherura sabula* Frydl, p.134, pl.8, fig.11, text-fig.31d, Paratype.

Frydl, Paul M. (1982): continued

CA15027. *Semicytherura sabula* Frydl, p.134, pl.8, fig.12, Paratype.

CA15028. *Semicytherura sabula* Frydl, p.134, pl.8, fig.13, Paratype.

CA15029. *Semicytherura sabula* Frydl, p.134, pl.8, fig.14, Paratype.

CA15030. *Loxoconcha* sp., p.134, pl.9, fig.19.

CA15031. *Loxoconcha* sp., p.134, pl.9, fig.20.

CA15032. *Nipponocythere hastata* Frydl, p.135, pl.8, fig.19, Holotype.

CA15033. *Nipponocythere hastata* Frydl, p.135, pl.8, fig.15, Paratype.

CA15034. *Nipponocythere hastata* Frydl, p.135, pl.8, fig.18, text-fig.31c, Paratype.

CA15035. *Nipponocythere hastata* Frydl, p.135, pl.8, fig.20, Paratype.

CA15036. *Paradoxostoma* sp. 1, p.135, text-fig.32a.

CA15037. *Paradoxostoma* sp. 2, p.136, text-fig.32c.

CA15038. *Paradoxostoma* sp. 3, p.136, text-fig.32b.

CA15039. *Cytherois ?* sp., p.136, text-fig.32f.

CA15040. *Semicytherura sabula* Frydl, p.134, pl.9, fig.16, Paratype.

CA15041. *Semicytherura sabula* Frydl, p.134, pl.9, fig.17, Paratype.

CA15042. *Propontocypris (Propontocypris)* sp., p.127, text-fig.32d.

CA15043. *Callistocythere tateyamaensis* Frydl, p.131, pl.9, fig.8, Paratype.

CA15044. *Callistocythere tateyamaensis* Frydl, p.131, pl.9, fig.9, Paratype.

Fujii, S. (1963): On Suchium jyoganjiense n. sp. from the middle Miocene Kurosedani Formation in Toyama Prefecture, Japan. *Venus,* vol.22, no.3, pp.267-273, text-figs.1-3.

CM8786. *Suchium jyoganjiense* Fujii, p.267, text-fig.3-1a-c, Holotype.

CM8787. *Suchium jyoganjiense* Fujii, p.267, text-fig.3-2a,b, Paratype.

CM8788. *Suchium jyoganjiense* Fujii, p.267, text-fig.3-3a,b, Paratype.

CM8789. *Suchium jyoganjiense* Fujii, p.267, text-fig.3-4a,b, Paratype.

CM8790. *Suchium jyoganjiense* Fujii, p.267, text-fig.3-5a,b, Paratype.

CM8791. *Suchium jyoganjiense* Fujii, p.267, text-fig.3-6, Paratype.

CM8792. *Suchium jyoganjiense* Fujii, p.267, text-fig.3-7, Paratype.

Hanai, T. (1957a): Studies on the Ostracoda from Japan. 1. Subfamily Leptocytherinae n. subfam. *Jour. Fac. Sci., Univ. Tokyo,* sec.2, vol.10, pt.3, pp.431-468, pls.7-10, text-figs.1,2.

RA2541. *Callistocythere nipponica* Hanai, p.446, pl.7, fig.1a,b; pl.10, fig.4, Holotype.

RA2543. *Callistocythere reticulata* Hanai, p.448, pl.8, fig.2a,b, Holotype.

RA2544. *Callistocythere reticulata* Hanai, p.448, pl.8, fig.2c,d, Paratype.

RA2547. *Callistocythere alata* Hanai, p.450, pl.7, fig.4a,b; pl.10, fig.5, Holotype.

RA2550. *Callistocythere rugosa* Hanai, p.451, pl.8, fig.3a,b, Holotype.

RA2551. *Callistocythere rugosa* Hanai, p.451, pl.8, fig.3c,d, Paratype.

RA2554. *Callistocythere undata* Hanai, p.452, pl.8, fig.1a,b, Holotype.

RA2555. *Callistocythere undata* Hanai, p.452, pl.8, fig.1c,d, Paratype.

RA2559. *Callistocythere hayamensis* Hanai, p.453, pl.7, fig.2a,b, Paratype.

RA2562. *Callistocythere undulatifacialis* Hanai, p.455, pl.7, fig.3c,d; pl.10, fig.6, Holotype.

RA2563. *Callistocythere undulatifacialis* Hanai, p.455, pl.7, fig.3a,b, Paratype.

RA2566. *Callistocythere subjaponica* Hanai, p.455, pl.8, fig.4a,b,e, Holotype.

RA2567. *Callistocythere subjaponica* Hanai, p.455, pl.8, fig.4c,d, Paratype.

CA2570. *Callistocythere setanensis* Hanai, p.457, pl.10, fig.3a, Holotype.

CA2571. *Callistocythere setanensis* Hanai, p.457, pl.10, fig.3b, Paratype.

RA2572. *Callistocythere japonica* Hanai, p.457, pl.9, fig.2a,b,g, Holotype.

RA2573. *Callistocythere japonica* Hanai, p.457, pl.9, fig.2c,d, Paratype.

RA2575. *Callistocythere japonica* Hanai, p.457, pl.9, fig.2e,f, Paratype.

RA2576. *Callistocythere japonica uranipponica* Hanai, p.459, pl.9, fig.3a-c, Holotype.

RA2578. *Callistocythere pumila* Hanai, p.459, pl.10, fig.2b, Holotype.

RA2579. *Callistocythere pumila* Hanai, p.459, pl.10, fig.2a, Paratype.

RA2581. *Callistocythere pumila* Hanai, p.459, pl.10, fig.2c, Paratype.

RA2582. *Tanella miurensis* Hanai, p.462, pl.9, fig.1a,b, Holotype.

RA2583. *Tanella miurensis* Hanai, p.462, pl.9, fig.1c-e, Paratype.

RA2585. *Callistocythere minor* Hanai, p.461, pl.10, fig.1a-e, Holotype.

RA2586. *Callistocythere minor* Hanai, p.461, pl.10, fig.1a, Paratype.

RA2587. *Callistocythere minor* Hanai, p.461, pl.10, fig.1b, Paratype.

Hanai, T. (1957a): continued

The following specimens, though not illustrated, were also treated in this paper.

Callistocythere nipponica Hanai: RA2542, Paratype

Callistocythere reticulata Hanai: RA2545, RA2546, Paratypes

Callistocythere alata Hanai: RA2548, RA2549, Paratypes

Callistocythere rugosa Hanai: RA2552, RA2553, Paratypes

Callistocythere undata Hanai: RA2556, RA2557, Paratypes

Callistocythere hayamensis Hanai: RA2560, RA2561, Paratypes

Callistocythere undulatifacialis Hanai: RA2564, RA2565, Paratypes

Callistocythere subjaponica Hanai: RA2568, RA2569, Paratypes

Callistocythere japonica Hanai: RA2574, Paratype

Callistocythere japonica uranipponica Hanai: RA2577, Paratype

Callistocythere pumila Hanai: RA2580, Paratype

Tanella miurensis Hanai: RA2584, Paratype

Callistocythere minor Hanai: RA2588, Paratype

Hanai, T. (1957b): Studies on the Ostracoda from Japan. 2. Subfamily Pectocytherinae n. subfam. *Jour. Fac. Sci., Univ. Tokyo,* sec.2, vol.10, pt.3, pp.469-482, pl.11, text-figs.1-6.

RA2589. *"Toulminia" japonica* Hanai, p.478, pl.11, fig.1a,b, Holotype.

RA2590. *"Toulminia" japonica* Hanai, p.478, pl.11, fig.1c,d, Paratype.

RA2592. *"Toulminia" japonica* Hanai, p.478, pl.11, fig.1e, Paratype.

CA2593. *"Toulminia" hokkaidoana* Hanai, p.479, pl.11, fig.2a,b, Holotype.

CA2594. *Pectocythere quadrangulata* Hanai, p.474, pl.11, fig.3a,b, Holotype.

The following specimens, though not, illustrated, were also teated in this paper.

"Toulminia" japonica Hanai: RA2591, Paratype

Pectocythere quadrangulata Hanai: CA2595, Paratype

Hanai, T. (1957c): Studies on the Ostracoda from Japan. 3. Subfamilies Cytherurinae G. W. Müller (emend. G. O. Sars 1925) and Cytheropterinae n. subfam. *Jour. Fac. Sci., Univ. Tokyo,* sec.2, vol.11, pt.1, pp.11-36, Pls.2-4, text-figs.1-9.

Hanai, T. (1957c): continued

RA2598. *Cytherura tetragona* Hanai, p.18, pl.2, fig.5c,d, Holotype.

RA2599. *Cytherura tetragona* Hanai, p.18, pl.2, fig.5a,b, Paratype.

RA2600. *Cytherura miurensis* Hanai, p.18, pl.2, fig.4a,b; text-fig.4a,b, Holotype.

RA2601. *Cytherura miurensis* Hanai, p.18, pl.2, fig.4c,d, Paratype.

RA2602. *Cytherura skippa* Hanai, p.19, pl.2, fig.6a,b, Holotype.

RA2603. *Cytherura quadrata* Hanai, p.20, pl.3, fig.1a,b; text-fig.2a,b, Holotype.

CA2606. *Cytherura subundata* Hanai, p.20, pl.3, fig.3a, Holotype.

CA2607. *Cytherura subundata* Hanai, p.20, pl.3, fig.3d; text-fig.3a, Paratype.

CA2608. *Cytherura subundata* Hanai, p.20, pl.3, fig.3c; text-fig.3b, Paratype.

CA2609. *Cytherura subundata* Hanai, p.20, pl.3, fig.3b, Paratype.

CA2610. *Cytherura leptocytheroidea* Hanai, p.21, pl.3, fig.2b, Holotype.

CA2611. *Cytherura leptocytheroidea* Hanai, p.21, pl.3, fig.2a, Paratype.

CA2612. *Howeina camptocytheroidea* Hanai, p.22, pl.3, fig.4a; text-fig.5a, Holotype.

CA2613. *Howeina camptocytheroidea* Hanai, p.22, text-fig.5b, Paratype.

CA2614. *Howeina camptocytheroidea* Hanai, p.22, pl.3, fig.4b, Paratype.

CA2615. *Howeina camptocytheroidea* Hanai, p.22, pl.3, fig.4c, Paratype.

RA2616. *Hemicytherura kajiyamai* Hanai, p.24, pl.2, fig.1a, Holotype.

RA2617. *Hemicytherura kajiyamai* Hanai, p.24, pl.2, fig.1b,c, Paratype.

RA2618. *Hemicytherura kajiyamai* Hanai, p.24, pl.2, fig.1d, Paratype.

RA2619. *Hemicytherura cuneata* Hanai, p.24, pl.2, fig.2a; text-fig.1a,b, Holotype.

RA2620. *Hemicytherura cuneata* Hanai, p.24, pl.2, fig.2b, Paratype.

RA2621. *Hemicytherura tricarinata* Hanai, p.25, pl.2, fig.3a, Holotype.

RA2622. *Hemicytherura tricarinata* Hanai, p.25, pl.2, fig.3b, Paratype.

CA2623. *Cytheropteron sawanense* Hanai, p.27, pl.4, fig.2a; text-fig.8b, Holotype.

CA2624. *Cytheropteron sawanense* Hanai, p.27, pl.4, fig.2c, Paratype.

CA2625. *Cytheropteron sawanense* Hanai, p.27, text-fig.8a, Paratype.

CA2626. *Cytheropteron sawanense* Hanai, p.27, pl.4, fig.2b, Paratype.

CA2627. *Cytheropteron uchioi* Hanai, p.28, pl.4, fig.4a, Holotype.

CA2628. *Cytheropteron uchioi* Hanai, p.28, text-fig.9b, Paratype.

Hanai, T. (1957c): continued

CA2629. *Cytheropteron uchioi* Hanai, p.28, text-fig.9a, Paratype.

CA2630. *Cytheropteron uchioi* Hanai, p.28, pl.4, fig.4b, Paratype.

CA2631. *Cytheropteron rarum* Hanai, p.28, pl.4, fig.3, Holotype.

RA2632. *Cytheropteron miurense* Hanai, p.29, pl.4, fig.1a,b; text-fig.7a,b, Holotype.

CA2633. *Kobayashiina hyalinosa* Hanai, p.30, pl.4, fig.5a, Holotype.

CA2634. *Kobayashiina hyalinosa* Hanai, p.30, text-fig.6b, Paratype.

CA2635. *Kobayashiina hyalinosa* Hanai, p.30, pl.4, fig.5b, Paratype.

CA2636. *Kobayashiina hyalinosa* Hanai, p.30, text-fig.6a, Paratype.

The following specimens, though not illustrated, were also treated in this paper.

Cytherura quadrata Hanai: RA2604, RA2605, Paratypes

Hanai, T. (1959a): Studies on the Ostracoda from Japan. 4. Family Cytherideidae Sars 1925. *Jour. Fac. Sci., Univ. Tokyo,* sec.2, vol.11, pt.3, pp.291-308, pls.16-18, text-figs.1-4.

RA2885. *Cushmanidea kashiwarensis* Hanai, p.297, pl.17, fig.2a,b, Holotype.

RA2886. *Cushmanidea kashiwarensis* Hanai, p.297, pl.17, fig.3, Paratype.

RA2887. *Cuahmanidea kashiwarensis* Hanai, p.297, pl.17, fig.1a,b, Paratype.

RA2888. *Cushmanidea kashiwarensis* Hanai, p.297, pl.17, fig.4, Paratype.

RA2889. *Cushmanidea japonica* Hanai, p.297, pl.16, fig.2a,b; text-fig.1a,b, Holotype.

RA2890. *Cushmanidea japonica* Hanai, p.297, pl.16, fig.1a,b, Paratype.

RA2891. *Cushmanidea japonica* Hanai, p.297, pl.16, fig.3a-d, Paratype.

RA2892. *Cushmanidea subjaponica* Hanai, p.298, pl.16, fig.4a,b, Holotype.

RA2893. *Cushmanidea subjaponica* Hanai, p.298, pl.16, fig.5a,b, Paratype.

RA2895. *Cushmanidea subjaponica* Hanai, p.298, pl.16, fig.6a-d, Paratype.

RA2896. *Cushmanidea miurensis* Hanai, p.299, pl.16, fig.8a,b, Holotype.

RA2897. *Cushmanidea miurensis* Hanai, p.299, pl.16, fig.9a,b, Paratype.

RA2898. *Cushmanidea miurensis* Hanai, p.299, pl.16, fig.7a-d; text-fig.1a,b, Paratype.

RA2899. *Cushmanidea miurensis* Hanai, p.299, pl.16, fig.10a,b, Paratype.

Hanai, T. (1959a): continued

RA2901. *Neocyprideis pseudadonta* Hanai, p.300, pl.17, figs.5a-d,9; text-fig.2a,b, Holotype.

RA2902. *Neocyprideis pseudadonta* Hanai, p.300, pl.17, fig.7a,b, Paratype.

RA2903. *Neocyprideis pseudadonta* Hanai, p.300, pl.17, fig.8a-d, Paratype.

RA2904. *Neocyprideis pseudadonta* Hanai, p.300, pl.17, fig.6a,b, Paratype.

CA2906. *Krithe* aff. *bartonensis* (Jones), p.303, pl.18, fig.1a,b.

CA2907. *Krithe* aff. *bartonensis* (Jones), p.303, pl.18, fig.2a,b.

CA2908. *Krithe sawanensis* Hanai, p.301, pl.18, fig.7a,b; text-fig.4b, Holotype.

CA2909. *Krithe sawanensis* Hanai, p.301, pl.18, fig.5a,b, Paratype.

CA2910. *Krithe sawanensis* Hanai, p.301, pl.18, fig.6a,b; text-fig.4a, Paratype.

CA2911. *Krithe sawanensis* Hanai, p.301, pl.18, fig.4a,b; text-fig.3a, Paratype.

CA2912. *Krithe sawanensis* Hanai, p.301, pl.18, fig.3a,b; text-fig.3b, Paratype.

The following specimens, though not illustrated, were also treated in this paper.

Cushmanidea subjaponica Hanai: RA2894, Paratype.

Neocyprideis pseudadonta Hanai: RA2900, RA2905, Paratypes

Hanai, T. (1959b): Studies on the Ostracoda from Japan. 5, Subfamily Cytherinae Dana, 1852 (emend.). *Jour. Fac. Sci., Univ. Tokyo,* sec.2, vol.11, pt.4, pp.409-418, pl.28, text-figs.1-3.

CA3333. *Cythere lutea uranipponica* Hanai, p.412, pl.28, fig.2; text-fig.2b, Holotype.

CA3336. *Cythere lutea uranipponica* Hanai, p.412, pl.28, fig.6b; text-fig. 2a, Paratype.

CA3337. *Cythere lutea uranipponica* Hanai, p.412, pl.28, fig.6a, Paratype.

RA3338. *Cythere lutea omotenipponica* Hanai, p.413, pl.28, fig.5a, Holotype.

RA3339. *Cythere lutea omotenipponica* Hanai, p.413, pl.28, fig.5b, Paratype.

CA3342. *Cythere japonica* Hanai, p.413, pl.28, fig.7a; text-fig.3b, Holotype.

CA3344. *Cythere japonica* Hanai, p.413, pl.28, fig.1, Paratype.

Hanai, T. (1959b): continued

CA3345. *Cythere japonica* Hanai, p.413, pl.28, figs.3,7b; text-fig.3a, Paratype.

CA3346. *Loxocythere inflata* Hanai, p.414, pl.28, fig.4a, Holotype.

CA3347. *Loxocythere inflata* Hanai, p.414, pl.28, fig.4b; text-fig.1a, Paratype.

CA3348. *Loxocythere inflata* Hanai, p.414, text-fig.1b, Paratype.

The following specimens, though not illustrated, were also treated in this paper.

Cythere lutea uranipponica Hanai: CA3334, CA3335, Paratypes

Cythere lutea omotenipponica Hanai: RA3340, RA3341, Paratypes

Cythere japonica Hanai: CA3343, Paratype

Loxocythere inflata Hanai: CA3349, Paratype

Hanai, T. (1961a): Studies on the Ostracoda from Japan: Hinge ment. *Jour. Fac. Sci., Univ. Tokyo,* sec.2, vol.13, pt.2, pp.345-377, text-figs.1-14.

RA8385. *Bythoceratina* sp., p.357, text-fig.1-2a,b.

RA8386. Bythocytherinae new genus, p.357, text-fig.1-1a,b.

RA8387. *Paradoxostoma yatsui* Kajiyama, p.359, text-fig.3-1a,b.

RA8388. *Rotundracythere rotundra* (Hornibrock), p.361, text-fig.5-1a,b.

RA8389. Eucytherinae new genus, p.361, text-fig.5-2a,b.

RA8390. *Microxestoleberis* sp., p.364, text-fig.7-1a,b.

RA8391. *Xestoleberis* sp., p.364, text-fig.7-2a,b.

RA8392. *Xestoleberis* sp., p.364, text-fig.7-2c.

CA8393. *Henicythere* sp., p.372, text-fig.13-2a,b.

CA8394. *Mutilus (Mutilus)* sp., p.372, text-fig.13-1a,b.

CA8395. *Buntonia* sp., p.373, text-fig.14-1a,b.

RA8396. *Trachyleberis scabrocuneata* (Brady), p.373, text-fig.14-2a,b.

RA8397. *Echinocythereis* sp., p.373, text-fig.14-3a,b.

RA8398. Loxoconchinae new genus, p.371, text-fig.12-1a,b.

CA8399. *Cytheromorpha acupunctata* (Brady), p.371, text-fig.12-2a,b.

RA8400. *Loxoconcha* sp., p.371, text-fig.12-3a,b.

RA8401. *Loxoconcha* sp., p.371, text-fig.12-4a,b.

CA8402. *Loxoconcha* sp., p.371, text-fig.12-5a.

CA8403. *Loxoconcha* sp., p.371, text-fig.12-5b.

Hanai, T. (1961b): Spinileberis, a new genus of Ostracoda from the Pacific. *Trans. Proc. Palaeont. Soc. Japan,* N. S., no.44, pp.167-170, text-figs.1-7.

CA4995. *Spinileberis quadriaculeata* (Brady), p.167, text-figs.1,4,7.

CA4996. *Spinileberis quadriaculeata* (Brady), p.167, text-figs.2,3,7.

CA4997. *Spinileberis quadriaculeata* (Brady), p.167, text-fig.6.

CA4998 *Spinileberis quadriaculeata* (Brady), p.167, text-fig.5.

The following specimen, though not illustrated, were also treated in this paper.

Spinileberis quadriaculeata (Brady): CA4999

Hanai, T. (1970): Studies on the Ostracod subfamily Schizocytherinae Mandelstam. *Jour. Paleont.,* vol.44, pp.693-729, pls.107-108, text-figs. 1-9.

CA3333. *Cythere lutea uranipponica* Hanai, p.702, text-fig.5-D, Holotype. (see also Hanai, 1959b)

CA3336. *Cythere lutea uranipponica* Hanai, p.702, text-fig.5-C, Paratype. (see also Hanai, 1959b)

CA3826. *Paijenborchella iocosa* Kingma, p.699, text-fig.1-A-C.

CA3828. *Paijenborchella triangularis* Hanai, p.724, pl.108, fig.3d, Holotype.

CA3829. *Paijenborchella triangularis* Hanai, p.724, pl.108, fig.3e, Paratype.

CA3830. *Paijenborchella triangularis* Hanai, p.724, pl.108, fig.3f, Paratype.

CA3831. *Paijenborchella triangularis* Hanai, p.724, pl.108, fig.3a, Paratype.

CA3832. *Paijenborchella triangularis* Hanai, p.724, pl.108, fig.3b, Paratype.

RA3834. *Paijenborchella miurensis* Hanai, p.725, pl.108, fig.2c,d, Holotype.

CA3835. *Paijenborchella miurensis* Hanai, p.725, pl.108, fig.2e, Paratype.

RA3836. *Paijenborchella miurensis* Hanai, p.725, pl.108, fig.2b, Paratype.

RA3837. *Paijenborchella miurensis* Hanai, p.725, pl.108, fig.2a, text-fig. 7-D, Paratype.

CA3838. *Paijenborchella spinosa* Hanai, p.726, pl.108, fig.1c, Holotype.

CA3839. *Paijenborchella spinosa* Hanai, p.726, pl.108, fig.1d, Paratype.

CA3840. *Paijenborchella spinosa* Hanai, p.726, pl.108, fig.1e, Paratype.

Hanai, T. (1970): continued

CA3841. *Paijenborchella spinosa* Hanai, p.726, pl.108, fig.1b, Paratype.

CA3842. *Paijenborchella spinosa* Hanai, p.726, pl.108, fig.1a, Paratype.

CA3846. *Neomonoceratina microleticulate* Kingma, p.704, text-fig.7-F.

CA3847. *Neomonoceratina microleticulate* Kingma, p.704, text-fig.7-E.

CA3851. *Palmenella limicola* (Norman), p.702, text-figs.6-B,7-G,H.

RA3856. *Schizocythere kishinouyei* (Kajiyama), p.701, text-fig.7-I,J.

RA3861. *Schizocythere okhotskensis* Hanai, p.722, text-fig.19-A, Holotype.

RA3864. *Schizocythere okhotskensis* Hanai, p.722, text-fig.19-B, Paratype.

RA3865. *Schizocythere okhotskensis* Hanai, p.722, text-fig.4-E, Paratype.

CA3866. *Schizocythere okhotskensis* Hanai, p.722, text-figs.4-D,F:19-C, Paratype.

CA3867. *Schizocythere okhotskensis* Hanai, p.722, text-figs.4-G;19-D, Paratype.

CA3869. *Paijenborchella triangularis* Hanai, p.724, pl.108, fig.3c, Paratype.

RA3871. *Cytheropteron* sp., p.699, text-fig.2-A.

CA3872. *Kobayashiina hyalinosa* Hanai, p.699, text-fig.2-B.

RA3873. *Schizocythere kishinouyei* (Kajiyama), p.701, text-fig.3-A.

RA3874. *Schizocythere kishinouyei* (Kajiyama), p.701, text-fig.4-A,B,G.

RA3875. *Schizocythere kishinouyei* (Kajiyama), p.701, text-fig.4-A,B.

RA3876. *Schizocythere kishinouyei* (Kajiyama), p.701, text-fig.4-A,B.

CA3877. *Schizocythere okhotskensis* Hanai, p.722, text-fig.4-C, Paratype.

CA3878. *Schizocythere okhotskensis* Hanai, p.722, text-fig.4-C, Paratype.

CA3879. *Schizocythere okhotskensis* Hanai, p.722, text-fig.4-D,E, Paratype.

CA3880. *Schizocythere okhotskensis* Hanai, p.722, text-fig.4-F, Paratype.

CA3881. *Paijenborchella triangularis* Hanai, p.724, text-fig.7-A,B, Paratype.

RA3882. *Paijenborchella miurensis* Hanai, p.725, text-fig.7-C, Paratype.

RA3883. *Cythere lutea omotenipponica* Hanai, p.709, text-figs.10-A,E;11-A, J;12-A;13-D,D',F,H,H'. (missing)

RA3884. *Cythere lutea omotenipponica* Hanai, p.709, text-figs.11-E;12-A'; 13-B. (missing)

RA3885. *Schizocythere kishinouyei* (Kajiyama), p.710, text-fig.11-F,F'. (missing)

RA3886. *Schizocythere kishinouyei* (Kajiyama), p.710, text-fig.13-A. (missing)

Hanai, T. (1970): continued

The following specimens, though not illustrated, were also treated in this paper.

Paijenberchella iocosa Kingma: CA3827

Paijenberchella miurensis Hanai: RA3833, Paratype

"Paijenberchella" sp.: CA3843 (missing)

Neomonoceratina microleticulate Kingma: CA3844, CA3845, CA3848, CA3849

Palmenella limicola (Norman): CA3850 (missing), CA3852, CA3853, CA3854

Palmenella sp.: CA3855

Schizocythere kishinouyei (Kajiyama): RA3857, RA3858, RA3859, RA3860, RA3870

Schizocythere okhotskensis Hanai: RA3862, RA3863, CA3868, Paratypes

Hanai, T. (1974): Notes on the taxonomy of Japanese Cypridinids. *Geosci. and Man*, vol.6, pp.117-126, text-figs.1-4.

RA3901. *Paradoloria pellucida* (Kajiyama), p.119, text-figs.1h; 2a-g. (nissing)

RA3902. *Paradoloria pellucida* (Kajiyama), p.119, text-figs.1c; 3a. (missing)

RA3903. *Paradoloria pellucida* (Kajiyama), p.119, text-figs.1d; 3b. (missing)

RA3904. *Paradoloria pellucida* (Kajiyama), p.119, text-fig.3c. (missing)

Hanai, T., Ikeya, N., Ishizaki, K., Sekiguchi, Y., and Yajima, M. (1977): Checklist of Ostracoda from Japan and its adjacent seas. *Univ. Mus., Univ. Tokyo, Bull.* no.12, 119p., pls.1-4, text-figs.1,2.

CA2594. *Pectocythere quadrangulata* Hanai, p.27, pl.2, figs.3-5, Holotype. (see also Hanai, 1957b)

CA2612. *Howeina camptocytheroidea* Hanai, p.56, pl.3, figs.1,2, Holotype. (see also Hanai, 1957c)

CA2613. *Howeina camptocytheroidea* Hanai, p.56, pl.3, fig.3, Paratype. (see also Hanai, 1957c)

CA2633. *Kobayashiina hyalinosa* Hanai, p.59, pl.4, fig.1, Holotype. (see also Hanai, 1957c)

CA2634. *Kobayashiina hyalinosa* Hanai, p.59, pl.5, fig.2, Paratype. (see also Hanai, 1957c)

CA2636. *Kobayashiina hyalinosa* Hanai, p.59, pl.4, fig.3, Paratype. (see also Hanai, 1957c)

Hanai, T., Ikeya, N., Ishizaki, K., Sekiguchi, Y. and Yajima, M. (1977): Continued

RA2901. *Parakrithella pseudadonta* (Hanai), p.27, pl.1, figs.3-5, Holotype. (see also Hanai, 1959a)

CA8400. *Howeina camptocytheroidea* Hanai, p.56, pl.3, figs.6,7. (missing) (see also Hanai, 1961a)

RA8404. *Parakrithella pseudadonta* (Hanai), p.27, pl.1, fig.6. (missing)

RA8405. *Parakrithella pseudadonta* (Hanai), p.27, pl.1, fig.7. (missing)

RA8406. *Parakrithella pseudadonta* (Hanai), p.27, pl.2, figs.1,2. (missing)

RA8407. *Howeina camptocytheroidea* Hanai, p.56, pl.3, fig.4. (missing)

CA8408. *Howeina camptocytheroidea* Hanai, p.56, pl.3, fig.5. (missing)

CA8409. *Kobayashiina hyalinosa* Hanai, p.59, pl.4, figs.4,5. (missing)

Iwasaki, Y. (1963): Pseudamiantis, a pelecypod genus. *Trans. Proc. Palaeont. Soc. Japan,* N. S., no.51, pp.91-101, pls.14,15.

CM8783. *Pseudamiantis tauyensis* (Yokoyama), p.95, pl.14, fig.3.

CM8785. *Pseudamiantis tauyensis* (Yokoyama), p.95, pl.14, fig.4.

CM15341. *Pseudamiantis tauyensis* (Yokoyama), p.95, pl.14, fig.2a,b.

CM24902. *Pseudamiantis tauyensis* (Yokoyama), p.95, pl.14, fig.2a,b.

CM24903. *Pseudamiantis tauyensis* (Yokoyama), p.95, pl.14, fig.1a-c, Lectotype. (see also Yokoyama, 1927)

CM8776. *Pseudamiantis pinguis* Iwasaki, p.96, pl.15, fig.2a-c, Holotype.

CM8777. *Pseudamiantis pinguis* Iwasaki, p.96, pl.15, fig.3, Paratype.

CM8778. *Pseudamiantis pinguis* Iwasaki, p.96, pl.15, fig.1a,b, Paratype.

The following specimens, though not illustrated, were also treated in this paper.

Pseudamiantis tauyensis (Yokoyama): CM8779, CM8780, CM8782, CM8784

Pseudamiantis pinguis Iwasaki: CM8781, Paratype.

Iwasaki, Y. (1970): The Shiobara-type molluscan fauna. An ecological analysis of fossil molluscs. *Jour. Fac. Sci., Univ. Tokyo,* sec.2, vol.17, pt.3, pp.351-444, pls.1-7, text-figs.1-25.

CM8781. *Pseudamiantis pinguis* Iwasaki, p.404, pl.2, fig.14, Paratype. (see also Iwasaki, 1963)

CM8851. *Glycymeris cisshuensis* Makiyama, p.393, pl.4, fig.7.

CM8854. *Glycymeris cisshuensis* Makiyama, p.393, pl.4, fig.6.

CM8865. *Glycymeris yessoensis* (Sowerby), p.394, pl.5, fig.3a,b.

CM8867. *Glycymeris yessoensis* (Sowerby), p.394, pl.7, fig.4.

CM8873. *Protothaca tateiwai* (Makiyama), p.409, pl.1, fig.5.

CM8874. *Protothaca teteiwai* (Makiyama), p.409, pl.1, fig.6.

CM8875. *Protothaca teteiwai* (Makiyama), p.409, pl.1, fig.7.

CM8885. *Mercenaria chitaniana* (Yokoyama), p.408, pl.7, fig.7.

CM8887. *Mercenaria chitaniana* (Yokoyama), p.408, pl.5, fig.2.

CM8889. *Mercenaria chitaniana* (Yokoyama), p.408, pl.7, fig.6.

CM8890. *Mercenaria chitaniana* (Yokoyama), p.408, pl.7, fig.5a,b.

CM8895. *Yoldia (Cnesterium) notabilis* Yokoyama, p.388, pl.1, fig.13.

CM8896. *Yoldia (Cnesterium) notabilis* Yokoyama, p.388, pl.1, fig.12.

Iwasaki, Y. (1970): continued

CM8905. *Dosinia (Kaneharaia) kaneharai* Yokoyama, p.405, pl.4, fig.2.

CM8906. *Dosinia (Kaneharaia) kaneharai* Yokoyama, p.405, pl.4, fig.1.

CM8945. *Dosinia (Phacosoma) japonica* (Reeve), p.407, pl.4, fig.4.

CM8948. *Dosinia (Phacosoma) japonica* (Reeve), p.407, pl.4, fig.3.

CM8960. *Chlamys (Miyagipecten) matsumoriensis* (Masuda), p.397, pl.5, fig. 4.

CM8961. *Barbatia obtusoides* (Nyst), p.389, pl.6, fig.5.

CM8962. *Laevicardium shiobarense* (Yokoyama), p.402, pl.1, fig.2.

CM8963. *Laevicardium shiobarense* (Yokoyama), p.402, pl.1, fig.1.

CM8997. *Panopea japonica* A. Adams, p.411, pl.1, fig.18.

CM9000. *"Crassatella"* cf. *pauxilla* Yokoyama, p.401, pl.6, fig.6.

CM9151. *Lucinoma annulata* (Reeve), p.400, pl.5, fig.6.

CM9152. *Lucinoma annulata* (Reeve), p.400, pl.5, fig.5.

CM9179. *Pecten (Patinopecten) paraplebejus* Nomura and Hatai, p.397, pl.6, fig.4.

CM9180. *Pecten (Patinopecten) paraplebejus* Nomura and Hatai, p.397, pl.5, fig.1.

CM9181. *Pecten (Patinopecten) paraplebejus* Nomura and Hatai, p.397, pl.6, fig.3.

CM9228. *Chlamys kaneharai* (Yokoyama), p.396, pl.6, fig.7.

CM9231. *Chlamys kaneharai* (Yokoyama), p.396, pl.6, fig.8.

CM9240. *Felaniella usta* (Gould), p.401, pl.4, fig.5a,b.

CM9265. *Macoma incongrua* (von Martens), p.410, pl.1, fig.14.

CM9276. *Dentalium yokoyamai* Makiyama, p.426, pl.7, fig.8.

CM9281. *Turritella tanaguraensis* Kotaka, p.413, pl.5, fig.7.

CM9282. *Turritella tanaguraensis* Kotaka, p.413, pl.5, fig.8.

CM9284. *Cerithium (Contumax) kobelti* Dunker, p.414, pl.2, fig.7.

CM9286. *Cerithium (Contumax) kobelti* Dunker, p.414, pl.2, fig.8.

CM9294. *Crepidula* sp., p.415, pl.2, fig.13.

CM9300. *Sinum yabei* Otuka, p.418, pl.1, fig.15.

CM9301. *Neptunea hukusimensis* Nomura and Hatai, p.420, pl.6, fig.1.

CM9302. *Neptunea hukusimensis* Nomura and Hatai, p.420, pl.6, fig.2.

CM9309. *Neverita kiritaniana* (Yokoyama), p.416, pl.2, fig.10.

CM9320. *Neverita kiritaniana* (Yokoyama), p.416, pl.2, fig.12.

CM9331. *Neverita kiritaniana* (Yokoyama), p.416, pl.2, fig.11.

Iwasaki, Y. (1970): continued

CM9351. *Charonia* cf. *sauliae* (Reeve), p.419, pl.2, fig.6.

CM9354. *Bittium intaminatum* Yokoyama, p.413, pl.1, fig.16.

CM9358. *Ocenebra* cf. *japonica* (Dunker), p.419, pl.5, fig.10.

CM9359. *Ocenebra* cf. *japonica* (Dunker), p.419, pl.5, fig.11.

CM9360. *Siphonalia* cf. *spadicea* (Reeve), p.421, pl.2, fig.5.

CM9362. *Phos iwakianus* (Yokoyama), p.422, pl.1, fig.9.

CM9372. *Phos iwakianus* (Yokoyama), p.422, pl.1, fig.8.

CM9373. *Phos iwakianus* (Yokoyama), p.422, pl.1, fig.10.

CM9381. *Nassarius acutidentatus* (Smith), p.423, pl.1, fig.4.

CM9382. *Nassarius acutidentatus* (Smith), p.423, pl.1, fig.3.

CM9389. *Cancellaria hukusimana* Nomura and Hatai, p.425, pl.2, fig.9.

CM9395. *Latirus* sp., p.424, pl.1, fig.17.

CM9396. *Surculites (Megasurcula) cryptoconoides* (Makiyama), p.425, pl.1, fig.11.

CM9398. *Anadara ninohensis* (Otuka), p.389, pl.2, fig.1.

CM9401. *Anadara ninohensis* (Otuka), p.389, pl.2, fig.2.

CM9402. *Anadara ninohensis* (Otuka), p.389, pl.2, fig.4.

CM9404. *Anadara ninohensis* (Otuka), p.389, pl.3, fig.1a,b.

CM9408. *Anadara ninohensis* (Otuka), p.389, pl.3, fig.4a,b.

CM9409. *Anadara ninohensis* (Otuka), p.389, pl.3, fig.3a,b.

CM9412. *Anadara ninohensis* (Otuka), p.389, pl.3, fig.5.

CM9414. *Anadara ninohensis* (Otuka), p.389, pl.3, fig.2a-c.

CM9415. *Anadara ninohensis* (Otuka), p.389, pl.2, fig.3.

CM9416. *Anadara ninohensis* (Otuka), p.389, pl.5, fig.9.

CM9419. *Anadara ninohensis* (Otuka), p.389, pl.7, fig.3.

CM9420. *Anadara ninohensis* (Otuka), p.389, pl.7, fig.1a,b.

CM9421. *Anadara ninohensis* (Otuka), p.389, pl.7, fig.2.

The following specimens, though not illustrated, were also treated in this paper.

Pseudamiantis pinguis Iwasaki: CM8776, Holotype, CM8777, CM8778, Paratypes, CM8894

Glycymeris cisshuensis Makiyama: CM8852, CM8853, CM8855, CM8856, CM8857, CM8858, CM8859, CM8860, CM8861, CM8862, CM8869, CM8870

Glycymeris yessoensis (Sowerby): CM8863, CM8864, CM8866, CM8868, CM8871,

Iwasaki, Y. (1970): continued

CM8872, CM8891, CM8991, CM8992, CM8993, CM8994, CM8995

Protothaca tateiwai (Makiyama): CM8876, CM8877, CM8878, CM8879, CM8880, CM8881, CM8882

Mercenaria chitaniana (Yokoyama): CM8883, CM8884, CM8886, CM8888, CM8892, CM8893, CM8896

Yoldia (Cnesterium) notabilis Yokoyama: CM8897

Dosinia (Kaneharaia) kaneharai Yokoyama: CM8898, CM8899, CM8900, CM8901, CM8902, CM8903, CM8904, CM8907, CM8908, CM8909, CM8910, CM8911, CM8912, CM8913, CM8914, CM8915, CM8916, CM8917, CM8918, CM8919, CM8920, CM8921, CM8922, CM8923, CM8924, CM8925, CM8926, CM8927, CM8928, CM8929, CM8930, CM8931, CM8932, CM8933, CM8934, CM8935, CM8936, CM8937, CM8938, CM8939 CM8940, CM8941, CM8959 (missing), CM8987, CM8988, CM8989

Dosinia (Phacosoma) japonica (Reeve): CM8942, CM8943, CM8944, CM8946, CM 8947, CM8949, CM8950, CM8952, CM8953, CM8954, CM8955, CM8956, CM8957, CM8958, CM8984, CM8985 (missing), CM8986

Laevicardium shiobarense (Yokoyama): CM8964, CM8965, CM8966, CM8967, CM 8968, CM8969 (missing), CM8970, CM8971, CM8972, CM8973, CM8974, CM8975, CM8976, CM8977 (missing), CM8978, CM8979, CM8980, CM8981, CM8982

Panopea japonica A. Adams: CM8998

"Crassatella" cf. *pauxilla* Yokoyama: CM8999

Lucinoma annulata (Reeve): CM9153, CM9154, CM9155, CM9156, CM9157, CM9158, CM9159, CM9160, CM9161, CM9162, CM9171, CM9172, CM9173, CM9174, CM9175, CM9176, CM9177

Anomia cytaeum Gray: CM9163, CM9164, CM9165, CM9166, CM9167, CM9168, CM9169

Pecten (Patinopecten) paraplebejus Nomura and Hatai: CM9178, CM9182, CM9183, CM9184, CM9185, CM9186, CM9187, CM9188, CM9189, CM9190, CM9191, CM9192, CM9193, CM9194, CM9195, CM9196, CM9197, CM9198, CM9199, CM9200, CM9201, CM9202, CM9203, CM9204, CM9205, CM9206, CM9207, CM9208, CM9209, CM9210, CM9211, CM9212, CM9213, CM9214, CM9215, CM9216, CM9217, CM9218, CM9219, CM9220, CM9221, CM9222, CM9223, CM9224, CM9225

Chlamys kaneharai (Yokoyama): CM9226, CM9227 (missing), CM9229, CM9230, CM9232, CM9233, CM9234

Felaniella usta (Gould): CM9235, CM9236, CM9237, CM9238, CM9239, CM9241, CM9242, CM9244, CM9245, CM9246, CM9247, CM9248, CM9249, CM9250, CM9251, CM9252, CM9253, CM9254, CM9255, CM9256, CM9257, CM9258, CM9259, CM9260, CM9261, CM9262

Macoma incongrua (von Martens): CM9263, CM9264, CM9266, CM9267, CM9268, CM9269, CM9270, CM9271, CM9272

Spisula (Oxyperas) sp.: CM9273

Tellina (Moerella ?) sp.: CM9274

Mytilus grayanus Dunker: CM9275

Iwasaki, Y. (1970): continued

Dentalium yokoyamai Makiyama: CM9277

Calliostoma (Otukaia ?) sp.: CM9278

Turritella tanaguraensis Kotaka: CM9279, CM9280, CM9283

Cerithium (Contumax) kobelti Dunker: CM9285, CM9287, CM9288, CM9289, CM9290, CM9291, CM9292, CM9293, CM9388

Crepidula sp.: CM9295, CM9296, CM9297, CM9298, CM9299

Neptunea hukusimensis Nomura and Hatai: CM9303, CM9304

Neverita kiritaniana (Yokoyama): CM9305, CM9306, CM9307, CM9308, CM9310, CM9311, CM9312, CM9313, CM9314, CM9315, CM9316, CM9317, CM9318, CM9319, CM9321, CM9322, CM9323, CM9324, CM9325, CM9326, CM9327, CM9328, CM9329, CM9330, CM9332, CM9333, CM9334, CM9335, CM9336, CM9337, CM9338, CM9339, CM9340, CM9341, CM9342, CM9343, CM9344, CM9345, CM9346, CM9347, CM9348, CM9349, CM9350, CM9375

Bittium intaminatum Yokoyama: CM9352, CM9353, CM9355, CM9356

Ocenebra cf. *japonica* (Dunker): CM9357

Siphonalia cf. *spadicea* (Reeve): CM9361

Phos iwakianus (Yokoyama): CM9363, CM9364, CM9365, CM9366, CM9367, CM9368, CM9369, CM9370, CM9371, CM9374, CM9397

Nassarius acutidentatus (Smith): CM9376, CM9377, CM9378, CM9379, CM9380, CM9383, CM9384, CM9385

Mitrella sp.: CM9386, CM9387

Cancellaria hukusimana Nomura and Hatai: CM9390, CM9391, CM9392, CM9393, CM9394

Anadara ninohensis (Otuka): CM9399, CM9400, CM9403, CM9405, CM9406, CM9407, CM9410, CM9411, CM9413, CM9417 (missing), CM9418

Iwasaki, Y. (1975): On two fossil molluscan species from the Eocene of the Bonin Islands. *Trans. Proc. Palaeont. Soc. Japan,* N. S., no.99, pp.143-155, pl.13, text-figs.1-7.

CM8480. *Spondylus (Meotolima) ogasawaranus* (Oyama), p.151, pl.13, fig.5.

CM8481. *Spondylus (Meotolima) ogasawaranus* (Oyama), p.151.

CM8482. *Spondylus (Meotolima) ogasawaranus* (Oyama), p.151, pl.13, fig.2.

CM8483. *Spondylus (Meotolima) ogasawaranus* (Oyama), p.151, pl.13, fig.1a-b.

CM8484. *Spondylus (Meotolima) ogasawaranus* (Oyama), p.151.

CM8485. *Spondylus (Meotolima) ogasawaranus* (Oyama), p.151, pl.13, fig.6a-b.

CM8486. *Spondylus (Meotolima) ogasawaranus* (Oyama), p.151.

Iwasaki, Y. (1975): continued

CM8487. *Spondylus (Meotolima) ogasawaranus* (Oyama), p.151, pl.13, fig.7.

CM8488. *Spondylus (Meotolima) ogasawaranus* (Oyama), p.151, pl.13, fig.3.

CM8489. *Spondylus (Meotolima) ogasawaranus* (Oyama), p.151, pl.13, fig.4.

CM8490. *"Neritina"* sp., p.153, pl.13, fig.8a,b, text-fig.7.

Iwasaki, Y. and Aoshima, M. (1970): Report on geology of the Bonin Islands. Agency for Cultural Affairs, Ministry of Education: Nature of Bonin Island, pp.205-220, pls.1,2.

CM8481. *Meotolima ogasawarana* (Oyama), p.214, pl.2, fig.9a,b. (see also Iwasaki, 1975)

CM8483. *Meotolima ogasawarana* (Oyama), p.214, pl.2, fig.8. (see also Iwasaki, 1975)

CM8490. *Neritina* sp., p.214, pl.2, fig.8. (see also Iwasaki, 1975)

CF15342. *Nummulites boninensis* Hanzawa, p.213, pl.2, fig.1. (missing)

CF15343. *Nummulites boninensis* Hanzawa, p.213, pl.2, fig.2. (missing)

CF15344. *Alveolina javana* Verbeek, p.212, pl.2, fig.3. (missing)

CF15345. *Nummulites boninensis* Hanzawa, p.213, pl.2, fig.4. (missing)

CM15346. *Mandarina luhuana* (Sowerby), p.217, pl.2, fig.5a,b.

RM15347. *Mandarina mandarina* (Sowerby), p.217, pl.2, fig.6a,b.

Iwasaki, Y. and Ono, S. (1977): A molluscan assemblage of the Setogawa group. *Trans. Proc. Palaeont. Soc. Japan,* N. S., no.106, pp.106-121, pl.16, text-figs.1-10.

CM8446. *Emarginula tokuyamai* Iwasaki and Ono, p.112, pl.16, fig.3a,b. Paratype.

CM8447. *Emarginula tokuyamai* Iwasaki and Ono, p.112, pl.16, fig.4a,b, Paratype.

CM8448. *Emarginula tokuyamai* Iwasaki and Ono, p.112, pl.16, fig.5a,b, Holotype.

CM8449. *"Minolia" ikebei* (Ozaki), p.114, pl.16, fig.9.

CM8450. *"Minolia" ikebei* (Ozaki), p.114, pl.16, fig.8.

CM8451. *"Minolia" ikebei* (Ozaki), p.114, pl.16, fig.10.

CM8457. *Mitra (Tiara)* sp. indet., p.115, pl.16, fig.6.

CM8460. *Hemiconus* sp. indet., p.116, pl.16, fig.19.

Iwasaki, Y. and Ono, S. (1977): continued

CM8461. *Hemiconus* sp. indet., p.116, pl.16, fig.20.

CM8464. *Lima (Plicacesta) sameshimai* Oyama and Mizuno, p.117, pl.16, fig. 15a,b.

CM8465. *Lima (Plicacesta) sameshimai* Oyama and Mizuno, p.117, pl.16, fig.1.

CM8468. *Brachidontes (Hormomya)* sp., p.116, pl.16, fig.16a,b.

CM8469. *Brachidontes (Hormomya)* sp., p.116, pl.16, fig.17a,b.

CM8472. *Nemocardium* cf. *iwakiense* (Makiyama), p.118, pl.16, fig.2.

CM8473. *Nemocardium* cf. *iwakiense* (Makiyama), p.118, pl.16, fig.18.

CM8474. *Trapezium* cf. *jobanicum* Hatai and Nisiyama, p.118, pl.16, fig.12.

CM8476. *Thyasira (Axinopsida)* sp., p.119, pl.16, fig.7.

CM8477. *Crassatina (Chattonia)* sp., p.119, pl.16, fig.13.

CM8478. *Crassatella* sp., p.119, pl.16, fig.11.

CM8479. *Cadella* sp., p.119, pl.16, fig.14.

The following specimens, though not illustrated, were also treated in this paper.

"Minolia" ikebei (Ozaki): CM8452, CM8453, CM8454, CM8455, CM8456

Mitra (Tiara) sp. indet: CM8458, CM8459

Hemiconus sp. indet: CM8462, CM8463

Lima (Plicacesta) sameshimai Oyama and Mizuno: CM8466 (missing), CM8467

Nemocardium cf. *iwakiense* (Makiyama): CM8470, CM8471

Trapezium cf. *jobanicum* Hatai and Nisiyama: CM8475

Kobayashi, T. (1954a): A new cymatoceratid from the Palaeogene of northern Kyushu in Japan. *Japan. Jour. Geol. Geogr.*, vol.24, pp.15-21, pls.4,5.

CM8492.* *Neocymatoceras tsukushiense* Kobayashi, p.18, pl.4, figs.1,2; pl.5, figs.1,2, Holotype.

Kobayashi, T. (1954b): A new Palaeogene paracenoceratoid from southern Kyushu in Japan. *Japan. Jour. Geol. Geogr.*, vol.24, pp.181-184, pl.22.

CM8493. *Obinautilus pulchra* Kobayashi, p.183, pl.22, figs.1-4, Holotype.

Kobayashi, T. (1954c): Izumonauta, a new genus of the Argonautinae, with a note on their rare but gregarious fossil occurrence. *Japan. Jour. Geol. Geogr.*, vol.25, nos.1-2, pp.21-34, pls.3,4.

CM4680. *Argonauta tokunagai* Yokoyama, p.29, pl.4, figs.1,2.

CM4681. *Izumonauta lata* Kobayashi, p.31, pl.3, figs.1-4, Holotype.

CM4682. *Argonauta hians* Solander, p.23, pl.4, fig.10.

Kobayashi, T. (1954d): A contribution foward palaeo-flumenology, science of the oceanic current in the past, with a description of a new Miocene Aturia from central Japan. *Japan. Jour. Geol. Geogr.*, vol.26, pp.35-56, pl.5, text-fig.3.

CM4683. *Aturia minoensis* Kobayshi, p.36, pl.5, figs.a-d, text-fig.1, Holotype.

Kobayashi, T. (1956a): An interesting new form of the Aturidae from the Palaeogene of northern Kyushu. *Trans. Proc. Palaeont. Soc. Japan,* N. S. no.23, pp.243-245, text-figs.a-d.

CM4684.* *"Aturia" matsushitai* Kobayashi, p.243, text-figs.a-d, Holotype.

Kobayashi, T. (1956b): A palaeo-meteorological interpretation to the occurrence of the Argonautinae in province Kaga, central Japan. *Japan. Jour. Geol. Geogr.*, vol.27, pp.93-104, pl.6, text-figs.a-d.

CM4685. *Izumonauta kagana* (Kaseno), p.99, pl.6, fig.3.

Kobayashi, T. (1956b): continued

CM4686. *Izumonauta kagana* (Kaseno), p.99, pl.6, fig.3.

CM4687. *Izumonauta kasataniensis* (Kaseno), p.101, pl.6, fig.1.

CM4688. *Izumonauta kasataniensis* (Kaseno), p.101, pl.6, fig.2.

CM4689. *Izumonauta kasataniensis* (Kaseno), p.101, text-figs.2,b.

CM4690. *Izumonauta tokunagai* Yokoyama, p.102, text-figs.c,d, Paratype.

Kobayashi, T. (1960): Some Miocene nautiloids from Shimane and Toyama Prefectures, west Japan. *Sci. Rept., Tohoku Univ.,* 2nd Ser. (Geol.), Spec. vol., no.4, pp.117-124, pls.11,12, text-figs.1-3.

CM4697. *"Nautilus" izumoensis* Yokoyama, p.121, pl.11, fig.1.

CM4698. *"Nautilus" izumoensis* Yokoyama, p.121, pl.11, fig.2.

CM4699. *"Nautilus" izumoensis* Yokoyama, p.121, pl.11, fig.3.

CM4700. *"Nautilus" izumoensis* Yokoyama, p.121, pl.12, fig.3.

CM4701. *Aturia minoensis* Kobayashi, p.122, pl.12, fig.1.

CM4702. *Aturia* cfr. *minoensis* Kobayashi, p.122, pl.12, fig.2.

Kobayashi, T. and Horikoshi, M. (1958): Indigenous Aturia and some tropical gastropods from the Miocene of Wakasa in west Japan. *Japan. Jour. Geol. Geogr.,* vol.29, nos.1-3, pp.45-54, pls.4,5.

CM4691.* *Tectus (Rochia) japonicus* Horikoshi, p.49, pl.4, fig.4a-c, Holotype.

CM4692.* *Turbo (Marmarostoma)* cf. *ticaonica* Reeve, p.49, pl.4, fig.1a,b.

CM4693.* *Globularia (Globularia) nakamurai* Otuka, p.51, pl.4, fig.3a,b.

CM4694.* *Conus (Pionoconus)* cf. *jenkinsi* Martin, p.51, pl.4, fig.2a-c.

CM4695.* *Aturia* cf. *minoensis* Kobayashi, p.52, pl.5, fig.1a-c.

CM4696.* *Aturia* cf. *minoensis* Kobayashi, p.52, pl.5, fig.2.

Kobayashi, T. and Kamada, Y. (1959a): An Eocene nautiloid from Kyushu, Japan. *Japan. Jour. Geol. Geogr.,* vol.30, pp.105-114, pl.9, text-figs.1-4.

CM8494. *Eutrephoceras japonicum* (Shimizu), p.105, text-fig.2.

CM8498. *Eutrephoceras japonicum* (Shimizu), p.105, pl.9, fig.1a-c.

CM8499. *Eutrephoceras japonicum* (Shimizu), p.105, pl.9, fig.2a,b.

Kobayashi, T. and Kamada, Y. (1959b): Bio-, thanato- and fossil- history of Eutrephoceras japonicum. *Japan. Jour. Geol. Geogr.*, vol.30, pp.115-125, pl.10, text-figs.1-3.

CM8495. *Eutrephoceras japonicum* (Shimizu), p.116, pl.10, fig.2, text-fig. 1 (with a specimen of *Serpula* sp.).

CM8496.* *Eutrephoceras japonicum* (Shimizu), p.116, text-fig.2.

CM8497. *Eutrephoceras japonicum* (Shimizu), p.116, pl.10, fig.3a,b (with a specimen of *Balanus* sp.).

CM8500. *Eutrephoceras japonicum* (Shimizu), p.116, pl.10, fig.1a,b (with a specimen of *Ostrea cassis* Nagao).

Makiyama, J. (1957): Matajiro Yokoyama's Tertiary fossils from various localities in Japan. Part I. *Palaeontological Society of Japan, Special Papers,* no.3, pp.1-4, pls.1-24.

This is a taxonomic revision of the illustrated specimens in Yokoyama (1911b, 1923a, 1923b, 1923c, 1923d, 1924b, 1925a, 1925b).

CP20001. *Cycas Fujiiana* Yokoyama, pl.1, fig.7, Holotype.

CE20003. *Pentacrinus ariakensis* Yokoyama, pl.1, fig.6, Syntype. (missing)

CB20004. *Terebratula miikensis* Yokoyama, pl.3, fig.6a,b, Holotype.

CM20005. *Perna ? nishiyamai* Yokoyama, pl.1, fig.1, Holotype.

CM20006. *Pholadomya* sp., pl.1, fig.2a,b.

CM20007. *Pholadomya* sp., pl.1, fig.3a,b.

CM20008. *Pholadomya* sp., pl.1, fig.4.

CM20009. *Crassatellites nipponensis* Yokoyama, pl.2, fig.1a,b, Syntype.

CM20010. *Crassatellites nipponensis* Yokoyama, pl.2, fig.2a,b, Syntype.

CM20011. *Crassatellites nipponensis* Yokoyama, pl.2, fig.3a,b, Syntype.

CM20012. *Crassatellites nipponensis* Yokoyama, pl.2, fig.4, Syntype.

CM20013. *Crassatellites nipponensis* Yokoyama, pl.2, fig.5, Syntype.

CM20014. *Crassatellites nipponensis* Yokoyama, pl.2, fig.6a,b, Syntype.

CM20016. *Venericardia nipponica* Yokoyama, pl.3, fig.5a,b, Syntype.

CM20017. *Cardita mandaica* Yokoyama, pl.2, fig.8, Syntype.

CM20018. *Cardita mandaica* Yokoyama, pl.2, fig.9a,b, Syntype.

CM20019. *Cardita mandaica* Yokoyama, pl.2, fig.10, Syntype.

CM20020. *Cardita mandaica* Yokoyama, pl.2, fig.11, Syntype.

CM20022. *Venus ? mitsuiana* Yokoyama, pl.1, fig.5a,b, Holotype.

CM20023. *Pseudoperissolax* cf. *blakei* (Conrad), pl.2, fig.7.

CM20025. *Aturia ziczac* (Sowerby), pl.3, fig.1a,b.

CM20026. *Aturia ziczac* (Sowerby), pl.3, fig.8a,b.

CA20027. *Homolopsis japonicus* Yokoyama, pl.3, fig.4, Holotype.

CA20028. *Xanthilites pentagonalis* Yokoyama, pl.3, fig.3, Holotype.

CV20030. *Lamna* cf. *cuspidata* Agassiz, pl.3, fig.7. (missing)

CM20031. *Lima amaxensis* Yokoyama, pl.3, fig.2, Holotype.

CM21685. *Turritella saishuensis* Yokoyama, pl.4, fig.2, Syntype. (missing)

CM21697. *Venericardia (Cyclocardia) ferruginea orbicularis* Yokoyama, pl. 4, fig.6, Holotype.

CM21699. *Venericardia nakamurai* Yokoyama, pl.4, fig.9, Holotype.

Makiyama, J. (1957): continued

CM21701. *Thracia kakumana* (Yokoyama), pl.4, fig.1a,b.

CM21707. *Chlamys cosibensis* (Yokoyama), pl.4, fig.5.

CB21711. *Terebratella ? excelsa* Yokoyama, pl.4, fig.3, Syntype.

CB21712. *Terebratella ? excelsa* Yokoyama, pl.4, fig.4a,b, Syntype.

CB21715. *Terebratella ?* sp., pl.4, fig.10a,b.

CB21717. *Eudesia ?* sp., pl.4, fig.7a,b.

CB21718. *Eudesia ?* sp., pl.4, fig.8a,b.

CM21734. *Turricula (Surcula) sobrina* (Yokoyama), pl.9, fig.1, Syntype.

CM21736. *Clavatula (Paradrillia) dainichiensis* (Yokoyama), pl.9, fig.2, Syntype.

CM21738. *Trigonostoma kurodai* Makiyama, pl.9, fig.3.

CM21740. *Ancilla (Baryspira) albocallosa* (Lischke), pl.9, fig.4.

CM21741. *Ancilla (Baryspira) albocallosa* (Lischke), pl.9, fig.5. (missing)

CM21742. *Ancilla (Baryspira) albocallosa* (Lischke), pl.9, fig.6.

CM21743. *Ancilla (Baryspira) albocallosa* (Lischke), pl.9, fig.7.

CM21745. *Cancellaria pristina* (Yokoyama), pl.9, fig.8, Syntype.

CM21746. *Cancellaria pristina* (Yokoyama), pl.9, fig.9, Syntype. (missing)

CM21747. *Cancellaria pristina* (Yokoyama), pl.9, fig.10, Syntype.

CM21748. *Cancellaria pristina* (Yokoyama), pl.9, fig.11, Syntype.

CM21749. *Cancellaria pristina* (Yokoyama), pl.9, fig.12, Syntype.

CM21752. *Siphonalia declivis* Yokoyama, pl.9, fig.13.

CM21753. *Siphonalia declivis* Yokoyama, pl.9, fig.14.

CM21754. *Siphonalia declivis* Yokoyama, pl.9, fig.15. (missing)

CM21756. *Babylonia elata* (Yokoyama), pl.9, fig.16, Syntype.

CM21757. *Babylonia elata* (Yokoyama), pl.9, fig.17, Syntype.

CM21760. *Nassarius (Caesia) demissus* (Yokoyama), pl.10, fig.8, Syntype.

CM21761. *Nassarius (Caesia) demissus* (Yokoyama), pl.10, fig.9, Syntype.

CM21766. *Turritella perterebra* Yokoyama, pl.10, fig.2, Syntype.

CM21767. *Turritella perterebra* Yokoyama, pl.10, fig.3, Syntype.

CM21768. *Turritella perterebra* Yokoyama, pl.10, fig.4, Syntype.

CM21769. *Turritella perterebra* Yokoyama, pl.10, fig.5, Syntype.

CM21776. *Umbonium (Suchium) suchiense* Yokoyama, pl.10, fig.1, Syntype.

CM21778. *Umbonium (Suchium) mysticum* Yokoyama, pl.10, fig.6, Syntype. (missing)

Makiyama, J. (1957): continued

CM21779. *Umbonium (Suchium) mysticum* Yokoyama, pl.10, fig.7, Syntype.

CM21788. *Clementia vatheleti* Mabille, pl.10, fig.14.

CM21789. *Clementia vatheleti* Mabille, pl.10, fig.15. (missing)

CM21796. *Anadara castellata* (Yokoyama), pl.10, fig.10, Syntype.

CM21797. *Anadara castellata* (Yokoyama), pl.10, fig.11, Syntype.

CM21798. *Anadara castellata* (Yokoyama), pl.10, fig.12, Syntype.

CM21799. *Anadara castellata* (Yokoyama), pl.10, fig.13, Syntype.

CM22049. *Nassa* sp., pl.11, fig.4. (missing)

CM22050. *Ocenebra tsuzurensis* Yokoyama, pl.11, fig.1, Syntype. (missing)

CM22051. *Ocenebra tsuzurensis* Yokoyama, pl.11, fig.2a,b, Syntype. (missing)

CM22052. *Ocenebra tsuzurensis* Yokoyama, pl.11, fig.3a,b, Syntype. (missing)

CM22053. *Turritella tokunagai* Yokoyama, pl.11, fig.8, Syntype. (missing)

CM22054. *Turritella tokunagai* Yokoyama, pl.11, fig.9, Syntype. (missing)

CM22055. *Turritella tokunagai* Yokoyama, pl.11, fig.10, Syntype. (missing)

CM22057. *Turritella importuna* Yokoyama, pl.11, fig.6, Syntype. (missing)

CM22058. *Turritella importuna* Yokoyama, pl.11, fig.7, Syntype. (missing)

CM22061. *Crepidula matajiroi* Makiyama, pl.11, fig.5a-c, Syntype. (missing)

CM22063. *Calyptraea mammilaris* (Broderip), pl.11, fig.17a,b. (missing)

CM22064. *Ampullina asagaiensis* Makiyama, pl.11, fig.20. (missing)

CM22066. *Margarites makiyamai* Hirayama, pl.11, fig.18a,b. (missing)

CM22067. *Margarites makiyamai* Hirayama, pl.11, fig.19a,b. (missing)

CM22068. *Mya grewingki* Makiyama, pl.11, figs.11-13. (missing)

CM22069. *Mya grewingki* Makiyama, pl.11, figs.14-16. (missing)

CM22072. *Peronidia lutea* (Wood), pl.12, fig.20. (missing)

CM22073. *Macoma sejugata* (Yokoyama), pl.12, figs.9-11, Holotype. (missing)

CM22074. *Periploma besshoensis* (Yokoyama), pl.12, figs.1-3, Syntype. (missing)

CM22075. *Periploma besshoensis* (Yokoyama), pl.12, figs.4,5, Syntype. (missing)

CM22077. *Meretrix (Callista) chinensis* Holten, pl.12, fig.7. (missing)

CM22078. *Meretrix (Callista) chinensis* Holten, pl.12, fig.8. (missing)

CM22079. *Liocyma furtiva* (Yokoyama), pl.12, fig.6,6a, Syntype. (missing)

Makiyama, J. (1957): continued

CM22080. *Liocyma terrena* (Yokoyama), pl.12, fig.19,19a, Syntype. (missing)

CM22081. *Protothaca jobanica* (Yokoyama), pl.12, fig.12, Syntype. (missing)

CM22082. *Protothaca jobanica* (Yokoyama), pl.12, fig.13-15, Syntype. (missing)

CM22083. *Protothaca jobanica* (Yokoyama), pl.12, figs.16-18, Syntype. (missing)

CM22084. *Serripes squalidum* (Yokoyama), pl.13, fig.1,1a, Holotype. (missing)

CM22085. *Cardium (Laevicardium) tristiculum* Yokoyama, pl.13, fig.5,5a, Syntype. (missing)

CM22086. *Cardium (Laevicardium) tristiculum* Yokoyama, pl.13, fig.6,6a, Syntype. (missing)

CM22087. *Cardium (Laevicardium) tristiculum* Yokoyama, pl.13, fig.7,7a, Syntype. (missing)

CM22088. *Clinocardium asagaiense* Makiyama, pl.13, figs.13-15. (missing)

CM22089. *Papyridea harrimani* Dall, pl.13, fig.3. (missing)

CM22090. *Papyridea harrimani* Dall, pl.13, fig.4,4a. (missing)

CM22091. *Thyasira bisecta* (Conrad), pl.13, fig.2. (missing)

CM22092. *Cyclocardia tokunagai* (Yokoyama), pl.13, figs.10-12, Syntype. (missing)

CM22093. *Cyclocardia pacifica* (Yokoyama), pl.14, figs.1,2, Syntype. (missing)

CM22094. *Cyclocardia laxata* (Yokoyama), pl.13, figs.16-18, Syntype. (missing)

CM22095. *Venericardia* sp., pl.13, fig.8,8a. (missing)

CM22096. *Venericardia* sp., pl.13, fig.9,9a. (missing)

CM22097. *Mytilus luciferus* Yokoyama, pl.14, fig.4, Holotype. (missing)

CM22098. *Mytilus takiensis* Yokoyama, pl.14, figs.5,6, Holotype. (missing)

CM22099. *Modiola modiolus* (Linné), pl.14, fig.7. (missing)

CM22100. *Modiola modiolus* (Linné), pl.14, fig.8. (missing)

CM22101. *Lima yumotoensis* Yokoyama, pl.14, fig.3,3a, Holotype. (missing)

CM22102. *Ostrea* cf. *gigas* Thunberg, pl.15, fig.1. (missing)

CM22103. *Ostrea* cf. *gigas* Thunberg, pl.15, fig.2. (missing)

CM22104. *Ostrea mundana* Yokoyama, pl.15, fig.3a,b, Holotype. (missing)

CM22105. *Ostrea takiana* Yokoyama, pl.15, fig.4a,b, Holotype. (missing)

CM22109. *Yoldia yabei* (Yokoyama), pl.14, fig.9, Syntype. (missing)

Makiyama, J. (1957): continued

CM22110. *Yoldia yabei* (Yokoyama), pl.14, fig.10, Syntype. (missing)

CM22111. *Yoldia laudabilis* Yokoyama, pl.14, figs.11,12, Syntype. (missing)

CM22115. *Megasurcula yokoyamai* (Otuka), pl.16, fig.9. (missing)

CM22121. *Neptunea* sp., pl.16, fig.1.

CM22124. *Japelion hirasei* Pilsbry, pl.16, fig.2.

CM22142. *Doliocassis japonica* (Yokoyama), pl.16, fig.10. (missing)

CM22144. *Semicassis japonica* (Reeve), pl.16, fig.5.

CM22147. *Vicaryella bacula* (Yokoyama), pl.17, fig.6. (missing)

CM22149. *Vicaryella* sp., pl.17, fig.7. (missing)

CM22151. *Turritella nipponica* Yokoyama, pl.17, fig.8. (missing)

CM22171. *Lischkeia argenteonitens* (Lischke), pl.16, fig.3.

CM22173. *Stomatella japonica* A. Adams, pl.17, fig.3.

CM22177. *Tectura pallida* (Gould), pl.16, fig.4. (missing)

CM22182. *Dentalium yokoyamai* Makiyama, pl.17, fig.9. (missing)

CM22190. *Panope japonica* (Reeve), pl.21, fig.6. (missing)

CM22194. *Mya (Arenomya) japonica* Jay, pl.21, fig.4. (missing)

CM22198. *Mactra spectabilis* Lischke, pl.16, fig.7. (missing)

CM22201. *Mactra spectabilis* Lischke, pl.16, fig.8. (missing)

CM22203. *Spisula grayana* (Schrenck), pl.17, fig.11. (missing)

CM22207. *Solen gouldii* Conrad, pl.17, fig.5. (missing)

CM22210. *Phaxus izumoensis jobanicus* (Kanno), pl.20, fig.3. (missing)

CM22213. *Phaxus izumoensis jobanicus* (Kanno), pl.20, fig.2. (missing)

CM22224. *Macoma izurensis* (Yokoyama), pl.17, fig.12, Holotype. (missing)

CM22231. *Macoma tokyoensis* Makiyama, pl.20, fig.9. (missing)

CM22241. *Clementia (Compsomyax) iizukai* (Yokoyama), pl.18, fig.2, Syntype. (missing)

CM22242. *Clementia (Compsomyax) iizukai* (Yokoyama), pl.18, fig.3, Syntype.

CM22246. *Clementia speciosa* Yokoyama, pl.16, fig.6. (missing)

CM22251. *Paphia (Paratapes) undulata* (Born), pl.20, fig.1.

CM22270. *Lucinoma annulata* (Reeve), pl.20, fig.5.

CM22274. *Lucinoma annulata* (Reeve), pl.20, fig.6. (missing)

CM22275. *Lucinoma annulata* (Reeve), pl.20, fig.7. (missing)

CM22276. *Lucinoma annulata* (Reeve), pl.20, fig.8. (missing)

Makiyama, J. (1957): continued

CM22282. *Thyasira bisecta* (Conrad), pl.21, fig.5. (missing)
CM22294. *Cyclocardia siogamensis* (Nomura), pl.20, fig.4.
CM22295. *Thracia pubescens* (Pulteney), pl.16, fig.11. (missing)
CM22297. *Mytilus grayanus* Dunker, pl.17, fig.10. (missing)
CM22304. *Lima goliath* Sowerby, pl.18, fig.1. (missing)
CM22306. *Lima goliath* Sowerby, pl.18, fig.4. (missing)
CM22311. *Chlamys (Swiftopecten) swiftii* Bernardi, pl.17, fig.1.
CM22315. *Patinopecten kimurai* (Yokoyama), pl.17, fig.4, Syntype. (missing)
CM22316. *Patinopecten kimurai* (Yokoyama), pl.19, fig.1, Syntype. (missing)
CM22317. *Patinopecten kimurai* (Yokoyama), pl.19, fig.2, Syntype. (missing)
CM22318. *Patinopecten kimurai* (Yokoyama), pl.19, fig.3, Syntype. (missing)
CM22319. *Patinopecten kimurai* (Yokoyama), pl.19, fig.5, Syntype. (missing)
CM22320. *Patinopecten kimurai* (Yokoyama), pl.19, fig.6, Syntype. (missing)
CM22321. *Patinopecten kimurai* (Yokoyama), pl.19, fig.4, Syntype. (missing)
CM22331. *Atrina pectinata japonica* (Reeve), pl.21, fig.7. (missing)
CM22352. *Portlandia lischkei* (Smith), pl.17, fig.2. (missing)
CM22356. *Solemya tokunagai* Yokoyama, pl.21, fig.2, Syntype. (missing)
CM22358. *Solemya tokunagai* Yokoyama, pl.21, fig.1, Syntype. (missing)
CM22360. *Solemya tokunagai* Yokoyama, pl.21, fig.3, Syntype. (missing)
CM22369. *Turritella* sp., pl.22, fig.1. (missing)
CM22373. *Macoma tokyoensis* Makiyama, pl.22, fig.19. (missing)
CM22381. *Lucinoma annulata* (Reeve), pl.22, fig.2. (missing)
CM22386. *Lucina (Phacoides)* sp., pl.22, fig.3. (missing)
CM22388. *Lucina (Phacoides)* sp., pl.22, fig.18. (missing)
CM22389. *Lucina (Phacoides)* sp., pl.22, fig.5. (missing)
CM22392. *Lucina (Phacoides)* sp., pl.22, fig.4. (missing)
CM22393. *Cyclocardia laxata* (Yokoyama), pl.22, fig.11. (missing)
CM22395. *Cyclocardia laxata* (Yokoyama), pl.22, fig.12. (missing)
CM22399. *Cyclocardia pacifera* (Yokoyama) ?, pl.22, fig.13. (missing)
CM22401. *Cyclocardia siogamensis* (Nomura), pl.22, fig.6. (missing)
CM22402. *Cyclocardia siogamensis* (Nomura), pl.22, fig.7. (missing)
CM22404. *Cyclocardia orbica* (Yokoyama), pl.22, fig.10, Holotype. (missing)
CM22405. *Hyalopecten tairanus* (Yokoyama), pl.22, fig.8, Syntype. (missing)

Makiyama, J. (1957): continued

CM22406. *Hyalopecten tairanus* (Yokoyama), pl.22, fig.9, Syntype. (missing)

CM22408. *Pectunculus* sp., pl.22, fig.17. (missing)

CM22410. *Nuculana pennula* (Yokoyama), pl.23, fig.9, Syntype. (missing)

CM22413. *Nuculana pennula* (Yokoyama), pl.23, fig.8, Syntype. (missing)

CM22415. *Nuculana pennula* (Yokoyama), pl.23, fig.7, Syntype. (missing)

CM22417. *Nuculana inermis* (Yokoyama), pl.23, fig.4, Syntype. (missing)

CM22419. *Nuculana inermis* (Yokoyama), pl.23, fig.6, Syntype. (missing)

CM22421. *Nuculana inermis* (Yokoyama), pl.23, fig.3, Syntype. (missing)

CM22422. *Nuculana inermis* (Yokoyama), pl.23, fig.5, Syntype. (missing)

CM22424. *Nuculana inermis* (Yokoyama), pl.23, fig.1, Syntype. (missing)

CM22425. *Nuculana inermis* (Yokoyama), pl.23, fig.2, Syntype. (missing)

CM22428. *Yoldia sagittaria* Yokoyama, pl.23, fig.11, Syntype. (missing)

CM22430. *Yoldia sagittaria* Yokoyama, pl.23, fig.10, Syntype. (missing)

CM22434. *Yoldia tokunagai* Yokoyama, pl.23, fig.17, Syntype. (missing)

CM22436. *Yoldia tokunagai* Yokoyama, pl.23, fig.15, Syntype. (missing)

CM22437. *Yoldia tokunagai* Yokoyama, pl.23, fig.18, Syntype. (missing)

CM22439. *Yoldia tokunagai* Yokoyama, pl.23, fig.13, Syntype. (missing)

CM22441. *Yoldia tokunagai* Yokoyama, pl.23, fig.16, Syntype. (missing)

CM22442. *Yoldia tokunagai* Yokoyama, pl.23, fig.14, Syntype. (missing)

CM22443. *Yoldia tokunagai* Yokoyama, pl.23, fig.12, Syntype. (missing)

CM22449. *Acila (Truncacila) eximia* (Yokoyama), pl.22, fig.15, Syntype. (missing)

CM22452. *Acila (Truncacila) eximia* (Yokoyama), pl.22, fig.16, Syntype. (missing)

CM22454. *Acila (Truncacila) eximia* (Yokoyama), pl.22, fig.14, Syntype. (missing)

CM22456. *Solemya tokunagai* Yokoyama, pl.22, figs.20,21. (missing)

CM22465. *Turritella nipponica* Yokoyama, pl.24, fig.4. (missing)

CM22466. *Turritella nipponica* Yokoyama, pl.24, fig.5. (missing)

CM22476. *Crepidula gravispinosa* Kuroda et Habe, pl.24, fig.8. (missing)

CM22477. *Crepidula gravispinosa* Kuroda et Habe, pl.24, fig.9. (missing)

CM22480. *Crepidula zyobanica* Nomura et Hatai, pl.24, fig.3. (missing)

CM22487. *Diadora humilis* (Yokoyama), pl.24, fig.7a,b, Holotype. (missing)

CM22502. *Dosinia anguloides* Nomura, pl.23, fig.19. (missing)

Makiyama, J. (1957): continued

CM22504. *Dosinia anguloides* Nomura, pl.23, fig.20. (missing)

CM22510. *Tapes variegatus* Hanley, pl.24, fig.13. (missing)

CM22517. *Cardium shinjiense* Yokoyama, pl.24, figs.10,11. (missing)

CM22521. *Lucinoma annulata* (Reeve), pl.24, figs.1,2. (missing)

CM22532. *Chlamys iwakiana* (Yokoyama), pl.24, fig.12, Holotype. (missing)

CM22538. *Acila divaricata* (Hinds), pl.24, fig.6. (missing)

CM24548. *Doliocassis japonica* (Yokoyama), pl.5, fig.4a,b, Syntype.

CM24551. *Turritella* aff. *saishuensis* Yokoyama, pl.5, fig.3.

CM24557. *Serripes fujinensis* (Yokoyama), pl.6, fig.2a,b, Holotype.

CM24561. *Phaxus izumoensis* (Yokoyama), pl.6, fig.1a,b, Syntype.

CM24565. *Macoma optiva* (Yokoyama), pl.6, fig.3a,b, Syntype.

CM24566. *Macoma optiva* (Yokoyama), pl.6, fig.4, Syntype.

CM24568. *Mercenaria yokoyamai* (Makiyama), pl.5, fig.5a,b.

CM24574. *Serripes* cf. *groenlandicus* (Bruguière), pl.5, fig.2a-c.

CM24580. *Clinocardium shinjiense* (Yokoyama) aff. *Clinocardium ciliatum* (Fabricius), pl.6, fig.6a,b, Syntype of *Cardium shinjiense* Yokoyama.

CM24590. *Pecten kagamianus* Yokoyama, pl.5, fig.1a,b, Holotype.

CM24591. *Portlandia (Megayoldia) gratiosa* (Yokoyama), pl.6, fig.5a,b, Syntype. (missing)

CM24593. *Cancellaria* sp., pl.7, fig.4.

CM24594. *Melongena pugilina* (Born), pl.7, fig.2.

CM24595. *Melongena pugilina* (Born), pl.7, fig.3.

CM24596. *Melongena pugilina* (Born), pl.7, fig.13.

CM24598. *Melongena ?* sp., pl.7, fig.7.

CM24600. *Ocenebra bullocki* (Yokoyama), pl.7, fig.5, Syntype. (missing)

CM24601. *Ocenebra bullocki* (Yokoyama), pl.7, fig.6, Syntype. (missing)

CM24604. *Bedevina birileffi* (Lischke) ?, pl.7, fig.1.

CM24606. *Vicaryella bacula* (Yokoyama), pl.7, fig.12, Holotype. (missing)

CM24607. *Turritella kiiensis* Yokoyama, pl.7, fig.9, Syntype.

CM24608. *Turritella kiiensis* Yokoyama, pl.7, fig.10, Syntype.

CM24624. *Sinum ineptum* (Yokoyama), pl.7, fig.16, Holotype.

CM24625. *Epitonium niigishiense* Makiyama, pl.7, fig.8, Syntype.

CM24632a. *Dentalium lentum* Yokoyama, pl.7, fig.18, Syntype. (missing)

Makiyama, J. (1957): continued

CM24632b. *Dentalium lentum* Yokoyama, pl.7, fig.20, Syntype.

CM24633. *Dentalium lentum* Yokoyama, pl.7, fig.19, Syntype. (missing)

CM24635. *Aloidis (Cuneocorbula) peregrina* (Yokoyama), pl.8, fig.9,9a, Syntype.

CM24636. *Aloidis (Cuneocorbula) peregrina* (Yokoyama), pl.8, fig.10,10a, Syntype.

CM24637. *Aloidis (Cuneocorbula) peregrina* (Yokoyama), pl.8, fig.11, Syntype.

CM24638. *Aloidis (Cuneocorbula) peregrina* (Yokoyama), pl.8, fig.12, Syntype.

CM24647. *Aloidis (Cuneocorbula) tanabensis* (Yokoyama), pl.8, fig.8,8a, Holotype.

CM24648. *Corbula tsukaharai* Yokoyama, pl.8, fig.14,14a, Holotype.

CM24649. *Aloidis succincta* (Yokoyama), pl.8, fig.3, Syntype.

CM24650. *Aloidis succincta* (Yokoyama), pl.8, fig.4, Syntype.

CM24651. *Aloidis succincta* (Yokoyama), pl.8, fig.5, Syntype.

CM24652. *Aloidis succincta* (Yokoyama), pl.8, fig.6, Syntype.

CM24653. *Aloidis succincta* (Yokoyama), pl.8, fig.7, Syntype.

CM24664. *Tapes euglyptus* (Philippi), pl.7, fig.17.

CM24665. *Lucinoma annulata* (Reeve), pl.7, fig.11.

CM24667. *Pinna* sp., pl.7, fig.15.

CM24668. *Anadara valentula* (Yokoyama), pl.8, fig.1,1a, Syntype.

CM24669. *Anadara valentula* (Yokoyama), pl.8, fig.2,2a, Syntype.

CM24673. *Anadara setoensis* (Yokoyama), pl.8, fig.13,13a, Syntype.

CW24677. *Serpula mirifica* Yokoyama, pl.7, fig.14, Syntype. (missing)

Makiyama, J. (1958): Matajiro Yokoyama's Tertiary fossils from various localities in Japan. Part II. *Palaeontological Society of Japan, Special Papers,* no.4, pp.1-6, pls.25-57.

This is a taxonomic revision of the specimens illustrated in Yokoyama (1925c, 1925d, 1926b, 1926c, 1926d, 1926e, 1926f, 1926g, 1926i, 1926j)

CM22543. *Neptunea modesta* (Kuroda), pl.25, fig.3.

CM22545. *Ancistrolepis mitsuchii* (Kanehara), pl.26, fig.6.

CM22547. *Trophonopsis (Boreotrophon) solitarius* Yokoyama, pl.25, fig.1, Syntype.

Makiyama, J. (1958): continued

CM22548. *Trophonopsis (Boreotrophon) solitarius* Yokoyama, pl.25, fig.2, Syntype.

CM22551. *Serpulorbis shinanoensis* (Yokoyama), pl.25, fig.10, Syntype.

CM22556. *Crepidula navia* Yokoyama, pl.25, fig.4, Syntype. (missing)

CM22557. *Crepidula navia* Yokoyama, pl.25, fig.5, Syntype.

CM22564. *Eunaticina festiva* Yokoyama, pl.25, fig.6, Holotype.

CM22565. *Littorina sakaensis* (Yokoyama), pl.25, fig.8, Holotype.

CM22566. *Haliotis discus koyamai* Makiyama, pl.25, fig.11.

CM22567. *Haliotis discus koyamai* Makiyama, pl.25, fig.12.

CM22570. *Notoacmea schrenckii* (Lischke), pl.26, fig.5,5a.

CM22579. *Mya (Arenomya) oönogai* Makiyama, pl.27, fig.3. (missing)

CM22582. *Spisula sachalinensis* (Schrenck), pl.28, fig.5.

CM22583. *Spisula polynyma voyi* (Gabb), pl.28, fig.3.

CM22588. *Sanguinolaria (Nuttallia) patri commoda* (Yokoyama), pl.27, fig.2, Holotype.

CM22599. *Trachycardium angustum* (Yokoyama), pl.28, fig.2a,b, Syntype.

CM22608. *Thracia kamayashikiensis* Hatai, pl.27, fig.4.

CM22609. *Mytilus grayana* Dunker, pl.26, fig.1.

CM22612. *Volsella difficilis* Kuroda et Habe, pl.26, fig.2.

CM22616. *Monia macrochisma* (Deshayes), pl.26, fig.3.

CM22617. *Monia macrochisma* (Deshayes), pl.28, fig.1a,b.

CM22619. *Pecten yessoensis* Jay, pl.28, fig.4.

CM22621. *Pecten (Patinopecten) healeyi yamasakii* Yokoyama, pl.29, fig.1, Syntype.

CM22622. *Pecten (Patinopecten) healeyi yamasakii* Yokoyama, pl.29, fig.2, Syntype. (missing)

CM22623. *Pecten (Patinopecten) healeyi yamasakii* Yokoyama, pl.29, fig.4, Syntype. (missing)

CM22624. *Pecten (Patinopecten) healeyi yamasakii* Yokoyama, pl.29, fig.5, Syntype. (missing)

CM22628. *Pecten (Patinopecten) tryblium* Yokoyama, pl.30, fig.1, Syntype.

CM22629. *Pecten (Patinopecten) tryblium* Yokoyama, pl.30, fig.2, Syntype.

CM22630. *Pecten (Patinopecten) tryblium* Yokoyama, pl.31, fig.1, Syntype.

CM22631. *Pecten (Patinopecten) tryblium* Yokoyama, pl.31, fig.5, Syntype.

CM22634. *Chlamys insolita* (Yokoyama), pl.29, fig.3, Holotype.

Makiyama, J. (1958): continued

CM22635. *Chlamys (Swiftopecten) swiftii turpicula* Yokoyama, pl.26, fig. 4,a, Holotype.

CM22637. *Anadara amicula* (Yokoyama), pl.31, fig.2, Syntype.

CM22638. *Anadara amicula* (Yokoyama), pl.31, fig.3, Syntype.

CM22639. *Anadara amicula* (Yokoyama), pl.31, fig.4, Syntype.

CM22645. *Calyptogena longissima* (Yokoyama), pl.27, fig.1, Holotype. (missing)

CM22649. *Glycymeris yamasakii* (Yokoyama), pl.29, fig.6a-c, Syntype.

CM22652. *Glycymeris minochiensis* (Yokoyama), pl.26, fig.7,7a, Holotype.

CB22653. *Terebratalia yokoyamai* Makiyama, pl.25, fig.9.

CB22655. *Hemithyris psittacea woodwardi* (A. Adams), pl.25, fig.7. (missing)

CM22664. *Terebra eminula* Yokoyama, pl.32, fig.1, Holotype.

CM22666. *Fulgoraria (Psephaea) striata* (Yokoyama), pl.32, fig.2, Syntype.

CM22667. *Fulgoraria (Psephaea) striata* (Yokoyama), pl.32, fig.3, Syntype. (missing)

CM22681. *Leptothyra* sp., pl.32, fig.8.

CM22683. *Trochus* sp., pl.32, fig.4.

CM22695. *Macoma optiva* (Yokoyama), pl.33, fig.4.

CM22696. *Macoma optiva* (Yokoyama), pl.33, fig.5.

CM22703. *Clementia speciosa* Yokoyama, pl.32, fig.7.

CM22706. *Venus* sp., pl.33, fig.12.

CM22707. *Tapes* sp., pl.32, fig.10.

CM22712. *Cardium burchardi* Dunker, pl.32, fig.9.

CM22720. *Cardium pauperculum* Yokoyama, pl.32, fig.12.

CM22721. *Cardium pauperculum* Yokoyama, pl.32, fig.13. (missing)

CM22728. *Diplodonta tokunagai* Yokoyama, pl.33, fig.15, Syntype.

CM22729. *Diplodonta tokunagai* Yokoyama, pl.33, fig.16, Syntype. (missing)

CM22730. *Thyasira bisecta* (Conrad), pl.33, fig.1. (missing)

CM22731. *Thyasira bisecta* (Conrad), pl.33, fig.2.

CM22736. *Venericardia subnipponica* Nagao, pl.32, fig.6. (missing)

CM22739. *Crassatellites pauxillus* Yokoyama, pl.33, fig.8, Syntype.

CM22740. *Crassatellites pauxillus* Yokoyama, pl.33, fig.9, Syntype.

CM22741. *Crassatellites pauxillus* Yokoyama, pl.33, fig.10, Syntype. (missing)

CM22742. *Crassatellites pauxillus* Yokoyama, pl.33, fig.11, Syntype.

Makiyama, J. (1958): continued

CM22747. *Lima (Acesta) yagenensis* Otuka, pl.32, fig.11. (missing)

CM22749. *Lima* sp., pl.33, fig.14.

CM22750. *Chlamys (Swiftopecten) swiftii* (Bernardi), pl.33, fig.3.

CM22758. *Arca amicula* Yokoyama, pl.32, fig.5.

CM22762. *Portlandia (Megayoldia) gratiosa* (Yokoyama), pl.33, fig.13. (missing)

CB22766. *Terebratulina japonica* (Sowerby), pl.33, fig.6.

CB22767. *Terebratulina japonica* (Sowerby), pl.33, fig.7.

CM22774. *Nassarius (Coraeophos) nakamurai* Kuroda, pl.34, fig.1c.

CM22775. *Nassarius (Coraeophos) nakamurai* Kuroda, pl.34, fig.2.

CM22776. *Nassarius (Coraeophos) nakamurai* Kuroda, pl.34, fig.3.

CM22783. *Dentalium yokoyamai* Makiyama, pl.35, fig.6. (missing)

CM22791. *Macoma tokyoensis* Makiyama, pl.34, fig.4.

CM22794. *Dosinia (Phacosoma) nomurai* Otuka, pl.34, fig.1b.

CM22796. *Dosinia (Kaneharaia) kaneharai* Yokoyama, pl.35, fig.1, Syntype.

CM22797. *Dosinia (Kaneharaia) kaneharai* Yokoyama, pl.35, fig.2, Syntype.

CM22798. *Dosinia (Kaneharaia) kaneharai* Yokoyama, pl.35, fig.3, Syntype.

CM22799. *Dosinia (Kaneharaia) kaneharai* Yokoyama, pl.35, fig.4, Syntype.

CM22800. *Dosinia (Kaneharaia) kaneharai* Yokoyama, pl.35, fig.5, Syntype.

CM22801. *Dosinia (Kaneharaia) kaneharai* Yokoyama, pl.36, fig.2, Syntype. (missing)

CM22803. *Trachycardium burchardi* (Dunker), pl.37, fig.3.

CM22804. *Trachycardium burchardi* (Dunker), pl.37, fig.4.

CM22806. *Trachycardium shiobarense* (Yokoyama), pl.38, fig.2, Syntype.

CM22807. *Trachycardium shiobarense* (Yokoyama), pl.38, fig.3, Syntype.

CM22808. *Trachycardium shiobarense* (Yokoyama), pl.38, fig.4, Syntype.

CM22809. *Trachycardium shiobarense* (Yokoyama), pl.38, fig.5, Syntype.

CM22815. *Mytilus crassitesta* Lischke, pl.38, fig.1.

CM22819. *Chlamys kaneharai* (Yokoyama), pl.36, fig.1, Syntype.

CM22820. *Chlamys kaneharai* (Yokoyama), pl.37, fig.1, Syntype.

CM22821. *Chlamys kaneharai* (Yokoyama), pl.37, fig.2, Syntype.

CM22822. *Chlamys kaneharai* (Yokoyama), pl.37, fig.5, Syntype.

CM22823. *Chlamys kaneharai* (Yokoyama), pl.37, fig.6, Syntype. (missing)

CM22824. *Chlamys kaneharai* (Yokoyama), pl.37, fig.7, Syntype.

Makiyama, J. (1958): continued

CM22833. *Glycymeris cisshuensis* Makiyama, pl.34, fig.5.

CM22836. *Yoldia ensicula* Yokoyama, pl.34, fig.6, Holotype. (missing)

CM22837. *Acila submirabilis* Makiyama, pl.34, fig.1a.

CM22840. *Cylichna affabilis* Yokoyama, pl.39, fig.1,1a, Syntype. (missing)

CM22841. *Cylichna affabilis* Yokoyama, pl.39, fig.2, Syntype. (missing)

CM22844. *Cylichna corpulenta* Yokoyama, pl.39, fig.3,3a, Holotype. (missing)

CM22851. *Vicaryella ishiiana* (Yokoyama), pl.39, fig.11, Syntype. (missing)

CM22852. *Vicaryella ishiiana* (Yokoyama), pl.39, fig.12, Syntype. (missing)

CM22855. *Vicarya vernuilli yokoyamai* Takeyama, pl.39, fig.4. (missing)

CM22856. *Vicarya vernuilli yokoyamai* Takeyama, pl.39, fig.5. (missing)

CM22857. *Vicarya vernuilli yokoyamai* Takeyama, pl.39, fig.6.

CM22884. *Sanguinolaria minoensis* (Yokoyama), pl.39, fig.14, Syntype. (missing)

CM22885. *Sanguinolaria minoensis* (Yokoyama), pl.39, figs.15,16, Syntype. (missing)

CM22887. *Sanguinolaria minoensis* (Yokoyama), pl.39, fig.13, Syntype. (missing)

CM22889. *Macoma tokyoensis* Makiyama, pl.39, fig.10. (missing)

CM22891. *Cyclina sinensis* Gmelin, pl.39, fig.7. (missing)

CM22911. *Cyclocardia tokunagai* (Yokoyama), pl.39, fig.17. (missing)

CM22912. *Cyclocardia tokunagai* (Yokoyama), pl.39, fig.18. (missing)

CM22919. *Solamen fornicatum* (Yokoyama), pl.39, fig.8, Syntype. (missing)

CM22920. *Solamen fornicatum* (Yokoyama), pl.39, fig.9, Syntype. (missing)

CM22964. *Trachycardium* aff. *elongatum* (Bruguière), pl.40, fig.5,5a. (missing)

CM22968. *Fulgoraria (Psephaea) striata* (Yokoyama), pl.40, fig.1.

CM22970. *Mya cuneiformis* (Böhm), pl.40, fig.7.

CM22976. *Mya* sp. cf. *japonica* Jay, pl.40, fig.6.

CM22977. *Mya* sp. cf. *japonica* Jay, pl.40, fig.8.

CM23001. *Crenella peramoena* Yokoyama, pl.40, fig.2, Syntype. (missing)

CM23002. *Crenella peramoena* Yokoyama, pl.40, fig.3, Syntype. (missing)

CM23003. *Crenella peramoena* Yokoyama, pl.40, fig.4, Syntype. (missing)

CM23016. *Trophonopsis uyemurai* (Yokoyama), pl.41, fig.4, Holotype. (missing)

Makiyama, J. (1958): continued

CM23024. *Mya japonica* Jay, pl.41, fig.1. (missing)

CM23030. *Macoma optiva* (Yokoyama), pl.14, fig.2. (missing)

CM23036. *Serripes* aff. *groenlandicum* (Bruguière), pl.41, fig.3. (missing)

CM23038. *Thyasira bisecta* Conrad, pl.42, fig.12. (missing)

CM23042. *Astarte (Tridontia* [error of *Tridonta*]*) teshioensis* Yokoyama, pl.42, fig.1, Syntype. (missing)

CM23043. *Astarte (Tridontia* [error of *Tridonta*]*) teshioensis* Yokoyama, pl.42, fig.2, Syntype. (missing)

CM23048. *Pecten (Patinopecten) poculum* Yokoyama, pl.43, fig.2, Syntype. (missing)

CM23049. *Pecten (Patinopecten) poculum* Yokoyama, pl.43, fig.3, Syntype. (missing)

CM23050. *Pecten poculum* Yokoyama, pl.43, fig.1, Syntype. (missing)

CM23053. *Nuculana* sp. indet., pl.42, fig.6. (missing)

CM23055. *Acila (Truncacila) gottschei* (Böhm), pl.42, fig.3. (missing)

CM23056. *Acila (Truncacila) gottschei* (Böhm), pl.42, fig.4. (missing)

CM23060. *Acila divaricata* (Hinds), pl.42, fig.5. (missing)

CM23061. *Yoldia sagittaria* Yokoyama, pl.43, fig.4. (missing)

CM23064. *Yoldia thraciaeformis* (Storer), pl.42, fig.7. (missing)

CM23065. *Yoldia thraciaeformis* (Storer), pl.42, fig.8. (missing)

CM23066. *Yoldia thraciaeformis* (Storer), pl.42, fig.9. (missing)

CM23067. *Yoldia thraciaeformis* (Storer), pl.42, fig.10. (missing)

CM23068. *Yoldia thraciaeformis* (Storer), pl.42, fig.11. (missing)

CM23072. *Decolifer yamakawai* (Yokoyama), pl.44, fig.1, Holotype.

CM23078. *Antiplanes (Rectiplanes) sanctiioannis* (Smith), pl.44, fig.3.

CM23080. *Ophiodermella miyatensis* (Yokoyama), pl.44, fig.2.

CM23081. *Ophiodermella miyatensis gracilis* (Yokoyama), pl.44, fig.7. (missing)

CM23082. *Bela sattva* Yokoyama, pl.44, fig.5, Holotype.

CM23083. *Propebela ? ozawai* (Yokoyama), pl.44, fig.8, Syntype.

CM23085. *Mohnia yanamii* (Yokoyama), pl.44, fig.11, Syntype.

CM23087. *Propebela (Turritoma) candita* [error of *candida*] (Yokoyama), pl.46, fig.1, Syntype.

CM23088. *Propebela (Turritoma) candita* [error of *candida*] (Yokoyama), pl.46, fig.2, Syntype.

CM23091. *Nematoma exquisita* (Yokoyama), pl.44, fig.9, Syntype.

Makiyama, J. (1958): continued

CM23093. *Granotoma dissoluta* (Yokoyama), pl.44, fig.9, Syntype.

CM23096. *Lienardia grainesi* (Pilsbry), pl.44, fig.6.

CM23098. *Cancellaria japonica lischkei* Yokoyama, pl.44, fig.16, Syntype.

CM23099. *Cancellaria japonica lischkei* Yokoyama, pl.44, fig.17, Syntype.

CM23102. *Admete tabatai* (Yokoyama), pl.44, fig.12, Holotype.

CM23103. *Cancellaria longispirata* Yokoyama, pl.44, fig.10, Holotype. (missing)

CM23114. *Ocenebra japonica* Dunker, pl.44, fig.18.

CM23116. *Trophonopsis acharya* (Yokoyama), pl.44, fig.14, Syntype.

CM23117. *Searlesia japonica* Yokoyama, pl.44, fig.22, Holotype.

CM23118. *Ocenebra lumaria* Yokoyama, pl.44, fig.21, Holotype.

CM23119. *Plesioacirsa yokoyamai* (Otuka), pl.44, fig.15.

CM23121. *Batillaria cumingi* (Crosse), pl.44, fig.20.

CM23123. *Seila crassicincta* (Yokoyama), pl.49, fig.11, Syntype.

CM23126. *Machaeroplax coreanica nipponensis* (Yokoyama), pl.45, fig.16, Syntype.

CM23127. *Alvania (Actonia) sadoensis* Yokoyama, pl.45, fig.12, Syntype.

CM23129. *Alvania asura* (Yokoyama), pl.45, fig.15, Syntype.

CM23131. *Alvania ferruginea* A. Adams, pl.45, fig.18.

CM23132. *Alvania (Nishiyama) sitta* Yokoyama, pl.45, fig.13, Syntype.

CM23134. *Alvania (Taramellia) maya* Yokoyama, pl.44, fig.24, Syntype.

CM23135. *Alvania (Taramellia) maya* Yokoyama, pl.44, fig.25, Syntype.

CM23136. *Alvania (Arsenia) akibai* Yokoyama, pl.46, fig.3, Syntype.

CM23138. *Cingula dharma* (Yokoyama), pl.45, fig.9, Holotype.

CM23139. *Cingula mundana* (Yokoyama), pl.45, fig.11, Syntype.

CM23142. *Rissoina fortunata* Yokoyama, pl.45, fig.10, Holotype.

CM23143. *Rissoina tabatai* Yokoyama, pl.45, fig.14, Syntype.

CM23145. *Rissoina (Moerchiella) japonica* Weinkauff, pl.46, fig.12.

CM23147. *Zebina (Moerchiella ?) sawanensis* Yokoyama, pl.46, fig.7, Syntype.

CM23155. *Miralda (Egilima) gracilis* Yokoyama, pl.44, fig.19.

CM23157. *Menestho calypso* (Yokoyama), pl.44, fig.4, Holotype.

CM23159. *Turbonilla (Chemnitzia) fusoensis* Yokoyama, pl.46, fig.6, Holotype.

CM23161. *Tachyrhynchus yanamii* (Yokoyama, pl.47, fig.4, Syntype. (missing)

Makiyama, J. (1958): continued

CM23163. *Turbonilla (Tragula) spinulosa* Yokoyama, pl.47, fig.5, Holotype.

CM23164. *Turritellopsis acicula stimpsoni* (Dall), pl.45, fig.17.

CM23165. *Cingulina pseudocingulata* (Yokoyama), pl.47, fig.1, Holotype.

CM23171. *Eotricolia tristis* (Pilsbry), pl.49, fig.7.

CM23173. *Gibbula orientalis* Yokoyama, pl.47, fig.9, Syntype.

CM23175. *Margarites vahliioides* Yokoyama, pl.49, fig.8, Syntype.

CM23177. *Margarites laudata* Yokoyama, pl.46, fig.8, Holotype.

CM23178. *Margarites (Margaritopsis) hilarula* Yokoyama, pl.46, fig.9, Holotype.

CM23179. *Calliostoma kalavinka* Yokoyama, pl.45, fig.19, Holotype.

CM23180. *Pseudoliotia micans* (A. Adams), pl.44, fig.23.

CM23185. *Notoacmaea concinna* (Lischke), pl.46, fig.5.

CM23187. *Notoacmaea schrenckii* (Lischke), pl.46, fig.13.

CM23189. *Tectura asmiiformis* (Yokoyama), pl.46, fig.15, Syntype.

CM23191. *Lepeta (Cryptobranchia) lima* Dall, pl.46, fig.4.

CM23192. *Siphonacmea oblongata* (Yokoyama), pl.46, fig.14, Syntype.

CM23194. *Siphonacmea angustitesta* (Yokoyama), pl.46, fig.10, Holotype.

CM23196. *Siphonodentalium (Pulsellum) ozawai* Yokoyama, pl.46, fig.11, Holotype.

CM23212. *Clinocardium ciliatum* (Fabricius), pl.46, fig.17.

CM23213. *Clinocardium ciliatum* (Fabricius), pl.46, fig.18.

CM23214. *Papyridea (Fulvia) kurodai* Hatai & Nishiyama, pl.46, fig.16.

CM23216. *Thyasira bisecta* (Conrad), pl.47, fig.2.

CM23217. *Thyasira bisecta* (Conrad), pl.47, fig.3. (missing)

CM23219. *Thyasira ozawai* Yokoyama, pl.48, fig.4, Holotype.

CM23229. *Venericardia (Miodontiscus) prolongata* (Carpenter), pl.48, fig.3.

CM23231. *Astarte borealis* Schumacher, pl.49, fig.2.

CM23232. *Astarte borealis* Schumacher, pl.49, fig.3

CM23235. *Astarte alaskensis* Dall, pl.49, fig.9.

CM23236. *Astarte alaskensis* Dall, pl.49, fig.10.

CM23249. *Crenella delicatula* Yokoyama, pl.48, fig.7, Holotype.

CM23250. *Crenella pervula* [error of *parvula*] Yokoyama, pl.48, fig.8, Syntype.

CM23252. *Monia macrochisma* Deshayes, pl.47, fig.8.

Makiyama, J. (1958): continued

CM23253. *Monia macrochisma* Deshayes, pl.47, fig.7.

CM23264. *Chlamys swiftti* [error of *swiftii*] Bernard, pl.49, fig.5.

CM23265. *Chlamys swiftti* [error of *swiftii*] Bernard, pl.49, fig.6.

CM23269. *Chlamys cosibensis heteroglypta* (Yokoyama), pl.45, fig.1, Syntype. (missing)

CM23270. *Chlamys cosibensis heteroglypta* (Yokoyama), pl.45, fig.2, Syntype.

CM23271. *Chlamys cosibensis heteroglypta* (Yokoyama), pl.45, fig.3, Syntype.

CM23272. *Chlamys cosibensis heteroglypta* (Yokoyama), pl.45, fig.4, Syntype.

CM23273. *Chlamys cosibensis heteroglypta* (Yokoyama), pl.45, fig.5, Syntype. (missing)

CM23274. *Chlamys cosibensis cosibensis* (Yokoyama), pl.45, fig.6.

CM23275. *Chlamys cosibensis cosibensis* (Yokoyama), pl.45, fig.7.

CM23276. *Chlamys cosibensis heteroglypta* (Yokoyama), pl.45, fig.8, Syntype. (missing)

CM23281. *Pecten plebejus* Yokoyama, pl.48, fig.1, Syntype.

CM23282. *Pecten plebejus* Yokoyama, pl.48, fig.2, Syntype.

CM23286. *Chlamys foeda* (Yokoyama), pl.49, fig.1, Holotype.

CM23303. *Nuculana pernula sadoensis* (Yokoyama), pl.48, fig.6, Syntype. (missing)

CM23305. *Yoldia scapha* Yokoyama, pl.47, fig.6.

CB23307. *Terebratella frontalis* (Middendorff), pl.48, fig.5.

CB23309. *Terebratalia gouldii* (Dall), pl.49, fig.4.

CM23320. *Terebra triseriata* Gray, pl.50, fig.1. (missing)

CM23324. *Terebra* cf. *subtextilis* Smith, pl.50, fig.2. (missing)

CM23325. *Terebra asukensis* Yokoyama, pl.50, fig.3, Holotype. (missing)

CM23326. *Terebra (Hastula) dainichiana* Yokoyama, pl.50, fig.4, Syntype.

CM23327. *Terebra (Hastula) dainichiana* Yokoyama, pl.50, fig.5, Syntype.

CM23329. *Terebra ozawai* Yokoyama, pl.50, fig.9, Syntype.

CM23333. *Spirotropis subdeclivis* (Yokoyama), pl.50, fig.8, Syntype. (missing)

CM23335. *Leucosyrinx coreanica* (Adams & Reeve), pl.50, fig.6. (missing)

CM23336. *Leucosyrinx coreanica* (Adams & Reeve), pl.50, fig.7. (missing)

CM23344. *Clavatula (Paradrillia) asukana* (Yokoyama), pl.50, fig.18, Holotype. (missing)

Makiyama, J. (1958): continued

CM23345. *Turricula* sp., pl.50, fig.22. (missing)

CM23351. *Trigonostoma kurodai* Makiyama, pl.50, fig.10. (missing)

CM23354. *Oliva erythrostoma tremulina* Lamarck, pl.50, fig.12. (missing)

CM23357. *Olivella spretoides* Yokoyama, pl.50, fig.14. (missing)

CM23358. *Olivella spretoides* Yokoyama, pl.50, fig.15. (missing)

CM23361. *Ancilla rubiginosa* (Swainson), pl.50, fig.11. (missing)

CM23364. *Ancilla angusta suavis* Yokoyama, pl.50, fig.17, Holotype. (missing)

CM23368. *Fulgoraria hirugayensis* (Yokoyama), pl.50, fig.16, Holotype. (missing)

CM23378. *Siphonalia declivis* Yokoyama, pl.50, fig.19, Syntype. (missing)

CM23379. *Nassaria magnifica* Lischke, pl.53, fig.6. (missing)

CM23382. *Nassarius (Caesia) demissus* (Yokoyama), pl.53, fig.17. (missing)

CM23385. *Nassarius congruus* (Yokoyama), pl.53, fig.18, Holotype. (missing)

CM23388. *Murex djarianensis* Martin, pl.50, fig.25. (missing)

CM23389. *Murex djarianensis* Martin, pl.50, fig.26. (missing)

CM23391. *Ocenebra bullocki* (Yokoyama), pl.50, fig.13. (missing)

CM23393. *Bedevina birileffi* (Lischke), pl.53, fig.16. (missing)

CM23396. *Cymatium (Septa) tenuiliratum* (Lischke), pl.53, fig.14.

CM23399. *Siphonalia declivis* Yokoyama, pl.50, fig.20, Syntype. (missing)

CM23400. *Siphonalia declivis* Yokoyama, pl.50, fig.21, Syntype. (missing)

CM23403. *Cancellaria* cf. *nodulifera* Sowerby, pl.53, fig.15. (missing)

CM23405. *Bittium misellissimum* Yokoyama, pl.53, fig.19, Syntype.

CM23406. *Bittium misellissimum* Yokoyama, pl.53, fig.20, Syntype.

CM23408. *Turritella perterebra* Yokoyama, pl.51, fig.3. (missing)

CM23409. *Turritella perterebra* Yokoyama, pl.51, fig.4. (missing)

CM23423. *Eulima (Leiostraca) hosoyana* Yokoyama, pl.53, fig.12, Holotype. (missing)

CM23424. *Siogamaia clandestina* (Yokoyama), pl.50, fig.23, Syntype. (missing)

CM23425. *Siogamaia clandestina* (Yokoyama), pl.50, fig.24, Syntype. (missing)

CM23426. *Calliostoma unicum* (Dunker), pl.53, fig.13. (missing)

CM23443. *Aloides erythrodon* (Lamarck), pl.53, fig.3.

Makiyama, J. (1958): continued

CM23451. *Dosinia* sp., pl.53, fig.4. (missing)

CM23453. *Meretrix ōyuana* Yokoyama, pl.53, fig.5, Holotype.

CM23461. *Venus ozawai* Yokoyama, pl.51, fig.5, Syntype. (missing)

CM23467. *Ventricoloidea foveolata* (Sowerby), pl.51, fig.7. (missing)

CM23468. *Ventricoloidea foveolata* (Sowerby), pl.51, fig.8. (missing)

CM23469. *Ventricoloidea foveolata* (Sowerby), pl.51, fig.9. (missing)

CM23470. *Mercenaria chitaniana* (Yokoyama), pl.51, fig.13, Syntype. (missing)

CM23476. *Monia egregia* (Yokoyama), pl.51, fig.10, Holotype. (missing)

CM23479. *Venericardia panda* (Yokoyama), pl.51, fig.1, Syntype. (missing)

CM23480. *Venericardia panda* (Yokoyama), pl.51, fig.2, Syntype. (missing)

CM23489. *Crassatellites oblongatus uchidanus* Yokoyama, pl.51, fig.6, Syntype. (missing)

CM23491. *Amussiopecten praesignis* (Yokoyama), pl.52, figs.1,2.

CM23492. *Amussiopecten praesignis* (Yokoyama), pl.53, fig.1. (missing)

CM23498. *Propeamussium clancularium* (Yokoyama), pl.53, fig.7, Syntype. (missing)

CM23499. *Propeamussium clancularium* (Yokoyama), pl.53, fig.8, Syntype. (missing)

CM23519. *Cucullaea granulosa* (Jonas), pl.53, fig.2. (missing)

CM23524. *Limopsis chitaniana* Yokoyama, pl.51, fig.11, Syntype. (missing)

CM23525. *Limopsis chitaniana* Yokoyama, pl.51, fig.12, Syntype. (missing)

CM23533. *Spirotropis subdeclivis* (Yokoyama), pl.54, fig.4. (missing)

CM23534. *Niso yokoyamai* Kuroda & Habe, pl.54, fig.5. (missing)

CM23535. *Aloides (Cuneocorbula) peregrina* (Yokoyama), pl.54, fig.8. (missing)

CM23536. *Ventricoloidea foveolata* (Sowerby), pl.54, fig.3,3a. (missing)

CM23537. *Penicillus giganteus* (Sowerby), pl.54, fig.1,1a. (missing)

CM23538. *Penicillus giganteus* (Sowerby), pl.54, fig.2,2a. (missing)

CM23539. *Anadara tricenicosta* (Nyst), pl.54, fig.6,6a. (missing)

CM23540. *Anadara tricenicosta* (Nyst), pl.54, fig.7,7a. (missing)

CM23544. *Pseudorhaphitoma ishiiana* (Yokoyama), pl.55, fig.2, Holotype. (missing)

CM23545. *Hemifusus tuna* (Gmelin), pl.55, fig.1. (missing)

CM23547. *Pyrene fratercula* (Yokoyama), pl.55, fig.3, Syntype. (missing)

Makiyama, J. (1958): continued

CM23549. *Tegula rustica* (Gmelin), pl.55, fig.10. (missing)

CM23550. *Calliostoma multiliratum* (Sowerby), pl.55, fig.9. (missing)

CM23551. *Tallorbis ornatissima* (Yokoyama), pl.55, fig.7, Syntype. (missing)

CM23552. *Tallorbis ornatissima* (Yokoyama), pl.55, fig.8, Syntype. (missing)

CM23553. *Dysmea oriens* (Deshayes), pl.55, fig.6. (missing)

CM23554. *Chlamys hirasei awajiensis* Pilsbry, pl.55, fig.4. (missing)

CM23555. *Chlamys hirasei awajiensis* Pilsbry, pl.55, fig.5.

CM23556. *Ostrea denselamellosa* Lischke, pl.55, fig.11. (missing)

CM23560. *Cylichna andenica* Yokoyama, pl.56, fig.1, Syntype. (missing)

CM23562. *Antiplanes kamchatica* Dall, pl.56, fig.2a. (missing)

CM23563. *Antiplanes kamchatica* Dall, pl.56, fig.2b. (missing)

CM23564. *Admete murayamai* (Yokoyama), pl.56, fig.3, Holotype. (missing)

CM23565. *Turritella saishuensis etigoensis* Ikebe, pl.56, fig.4. (missing)

CM23566. *Turritella saishuensis etigoensis* Ikebe, pl.56, fig.5. (missing)

CM23567. *Plesioacirsa chitaniana* (Yokoyama), pl.56, fig.7, Syntype. (missing)

CM23569. *Gibbula inornata* Yokoyama, pl.56, fig.6, Syntype. (missing)

CM23570. *Gibbula inornata* Yokoyama, pl.56, fig.10, Syntype. (missing)

CM23571. *Gastrana yantaiensis* (Crosse et Debeaux), pl.56, fig.14. (missing)

CM23572. *Chironia suborbicularia laperousii* (Deshayes), pl.56, fig.8. (missing)

CM23573. *Leptaxinus rotundatus* (Yokoyama), pl.56, fig.9, Syntype. (missing)

CM23574. *Leptaxinus rotundatus* (Yokoyama), pl.56, fig.13, Syntype. (missing)

CM23575. *Clavagella japonica* Yokoyama, pl.56, fig.11, Syntype. (missing)

CM23576. *Clavagella japonica* Yokoyama, pl.56, fig.12, Syntype. (missing)

CM23577. *Pandora (Kennerlia) pulchella* Yokoyama, pl.57, fig.4, Syntype. (missing)

CM23579. *Pecten murayamai* Yokoyama, pl.56, fig.18, Syntype. (missing)

CM23580. *Pecten murayamai* Yokoyama, pl.56, fig.19, Syntype. (missing)

CM23581. *Pecten murayamai* Yokoyama, pl.56, fig.20, Syntype. (missing)

CM23584. *Pecten kurosawensis* Yokoyama, pl.57, fig.3, Syntype. (missing)

Makiyama, J. (1958): continued

CM23586. *Chlamys akitana* (Yokoyama), pl.56, fig.15, Syntype. (missing)

CM23587. *Chlamys akitana* (Yokoyama), pl.56, fig.16, Syntype. (missing)

CM23588. *Chlamys akitana* (Yokoyama), pl.56, fig.17, Syntype. (missing)

CM23591. *Ostrea gravitesta* Yokoyama, pl.57, fig.1a-c, Syntype. (missing)

CM23592. *Ostrea gravitesta* Yokoyama, pl.57, fig.2a-c, Syntype. (missing)

CM24758. *Propeamussium clancularium* (Yokoyama), pl.53, fig.9, Syntype. (missing)

CM24759. *Propeamussium clancularium* (Yokoyama), pl.53, fig.10, Syntype. (missing)

CM24760. *Propeamussium clancularium* (Yokoyama), pl.53, fig.11, Syntype. (missing)

Makiyama, J. (1959): Matajiro Yokoyama's Tertiary fossils from various localities in Japan. Part III. *Palaeontological Society of Japan, Special Papers,* no.5, pp.1-4, pls.58-86.

This is a taxonomic revision of the specimens illustrated in Yokoyama (1927c, 1927d, 1927e, 1928a, 1928b, 1929a, 1929b, 1930a, 1931a, 1931b, 1932).

CM24761. *Leucotina dianae* (Adams), pl.58, fig.1.

CM24793. *Ocenopota kagana* (Yokoyama), pl.58, fig.2, Syntype.

CM24797. *Plicifusus ozawai* (Yokoyama), pl.58, fig.3, Syntype.

CM24798. *Plicifusus yanamii tenuis* (Hatai et Nishiyama), pl.58, fig.4. (missing)

CM24808. *Cancellaria (Merica) kobayashii* (Yokoyama), pl.58, fig.5, Holotype.

CM24834. *Bittium (Stylidium) horinjiense* Oinomikado & Ikebe, pl.58, fig. 6. (missing)

CM24837. *Tachyrhynchus venustellus* (Yokoyama), pl.58, fig.7, Syntype. (missing)

CM24840. *Tachyrhynchus tuberculosus* (Yokoyama), pl.58, fig.9, Syntype. (missing)

CM24844. *Algaroda incisa* (Yokoyama), pl.58, fig.8, Holotype.

CM24846. *Tugurium exutum* (Reeve), pl.58, fig.10.

CM24861. *Turbonilla (Chemnitzia) infantula* Dall & Bartsch, pl.58, fig.11.

CM24865. *Turbonilla (Ptycheulimella) inscitula* Yokoyama, pl.58, fig.15, Syntype.

Makiyama, J. (1959): continued

CM24866. *Turbonilla (Ptycheulimella) inscitula* Yokoyama, pl.58, fig.16, Syntype.

CM24871. *Minolia pseudobscura* (Yokoyama), pl.58, fig.12, Holotype.

CM24891. *Thracia kakumana* (Yokoyama), pl.58, fig.14, Holotype.

CM24902. *Pseudamiantis tauyensis* (Yokoyama), pl.59, fig.1, Syntype.

CM24904. *Pseudamiantis tauyensis* (Yokoyama), pl.59, fig.2, Syntype.

CM24911. *Clinocardium californiense* Deshayes, pl.59, fig.5.

CM24913. *Bellucina civica* (Yokoyama), pl.59, fig.3, Syntype.

CM24914. *Bellucina civica* (Yokoyama), pl.59, fig.4, Syntype.

CM24918. *Thyasira crassiuscula* Yokoyama, pl.58, fig.13, Holotype.

CM24945. *Pecten kurosawensis* Yokoyama, pl.60, fig.1.

CM24946. *Pecten kurosawensis* Yokoyama, pl.60, fig.2.

CM24978. *Epitonium submaculosum* Nagao, pl.61, fig.2.

CM24981. *Pitar yokoyamai* (Nagao), pl.61, fig.5. (missing)

CM24982. *Cardium sagawai* Yokoyama, pl.61, fig.7, Syntype. (missing)

CM24987. *Mytilus hirsutus* Lamarck, pl.61, figs.3,4.

CM24989. *Lima (Acesta)* aff. *goliath* Sowerby, pl.61, fig.1. (missing)

CC25006. *Heterocyathus* sp., pl.61, fig.6. (missing)

CM25015. *Terebra serotina* Adams & Reeve, pl.64, fig.1.

CM25020. *Conus (Asprella) comatosa* Pilsbry, pl.64, fig.2.

CM25021. *Thatcheria mirabilis* Angas, pl.64, fig.3.

CM25022. *Thatcheria mirabilis* Angas, pl.64, fig.4.

CM25027. *Bathytoma striatituberculata* (Yokoyama), pl.64, fig.6, Syntype.

CM25030. *Leucosyrinx coreanica* (Adams & Reeve), pl.64, fig.5.

CM25035. *Turricula pervirgo* (Yokoyama), pl.64, fig.7, Syntype.

CM25036. *Turricula pervirgo* (Yokoyama), pl.64, fig.8, Syntype.

CM25049. *Pleurotoma asukana* (Yokoyama), pl.64, fig.10.

CM25054. *Clathrodrillia hyugana* (Yokoyama), pl.64, fig.9, Syntype. (missing)

CM25056. *Clavatula (Paradrillia) astuta* (Yokoyama), pl.64, fig.14. Syntype.

CM25057. *Clavatula (Paradrillia) astuta* (Yokoyama), pl.64, fig.15, Syntype.

CM25058. *Clavatula (Paradrillia) kobayashii* (Yokoyama), pl.64, fig.17, Holotype.

Makiyama, J. (1959): continued

CM25063. *Trigonostoma (Scalpta) limatum* (Yokoyama), pl.64, fig.12, Holotype.

CM25066. *Olivella fortunei* (Marrat), pl.64, fig.11.

CM25070. *Ancilla angustata* Sowerby, pl.64, fig.16.

CM25080. *Lyria koyuana* (Yokoyama), pl.64, fig.13, Syntype.

CM25084. *Marginella (Stazzania) flaccida* (Yokoyama), pl.65, fig.1, Syntype.

CM25091. *Benthovoluta pauciplicata* (Yokoyama), pl.65, fig.2, Syntype.

CM25097. *Purpura dualis* (Yokoyama), pl.65, fig.3, Syntype.

CM25110. *Siphonalia declivis tosensis* Makiyama, pl.65, fig.4.

CM25120. *Pyrene bicinctella* (Yokoyama), pl.65, fig.6, Holotype.

CM25125. *Hyalina (Cystiscus) novemprovincialis* (Yokoyama), pl.65, fig.7, Syntype.

CM25129. *Orectospira excelsa* (Yokoyama), pl.65, fig.8, Syntype.

CM25152. *Natica* sp., pl.65, fig.9.

CM25164. *Menestho exarata* Adams, pl.65, fig.11.

CM25169. *Balcis musta* (Yokoyama), pl.65, fig.5, Holotype.

CM25174. *Calliostoma (Otukaia) kounjianum* Yokoyama, pl.65, fig.10, Holotype. (missing)

CM25197. *Joannisiella ? kobayashii* (Yokoyama), pl.65, fig.15, Syntype.

CM25198. *Joannisiella ? kobayashii* (Yokoyama), pl.65, fig.16, Syntype.

CM25199. *Joannisiella ? kobayashii* (Yokoyama), pl.65, fig.17, Syntype.

CM25232. *Hawaiarca uwaensis* (Yokoyama), pl.65, fig.13, Syntype.

CM25233. *Hawaiarca uwaensis* (Yokoyama), pl.65, fig.14, Syntype. (missing)

CM25261. *Portlandia japonica* (Adams et Reeve), pl.65, fig.12. (missing)

CM25289. *Fusus simplex* Smith, pl.66, fig.1.

CM25290. *Fusus simplex* Smith, pl.66, fig.2.

CM25294. *Volutopsis hirasei* Pilsbry, pl.66, fig.3.

CM25295. *Volutopsis hirasei* Pilsbry, pl.66, fig.4. (missing)

CM25296. *Volutopsis hirasei* Pilsbry, pl.66, fig.5.

CM25297. *Beringius ? hanzoganensis* Yokoyama, pl.66, fig.6, Holotype.

CM25307. *Trophonopsis (Boreotrophon) makiyamai* (Yokoyama), pl.66, fig.8, Syntype. (missing)

CM25312. *Searlesia decessor* Yokoyama, pl.66, fig.9, Syntype.

CM25338. *Margarites lautiusculus* Yokoyama, pl.66, fig.7, Holotype.

Makiyama, J. (1959): continued

CM25339. *Margarites kaigasawensis* Yokoyama, pl.67, fig.2, Syntype.

CM25352. *Serripes makiyamai* (Yokoyama), pl.67, fig.3, Holotype.

CM25358. *Chione laetifica* (Yokoyama), pl.66, fig.10, Holotype.

CM25361. *Chione* sp., pl.66, fig.12.

CM25394. *Glycymeris derelictus* (Yokoyama), pl.67, fig.1, Holotype. (missing)

CM25403. *Solemya labeosa* Yokoyama, pl.66, fig.11, Holotype.

CM25527. *Strombus mimasakensis* Yokoyama, pl.68, fig.1a,b, Holotype.

CM25528. *Batillaria (Tateiwaia) yamanarii* Makiyama, pl.68, fig.3.

CM25535. *Batillaria (Tateiwaia) tateiwai* Makiyama, pl.68, fig.4.

CM25537. *Proclava ancisa* (Yokoyama), pl.68, fig.2, Holotype.

CM25556. *Anadara daitokudoensis* Makiyama, pl.68, fig.5a-c.

CM25646. *Beringius ? hanzoganensis* Yokoyama, pl.76, fig.4.

CM25651. *Bittium tokudai* (Yokoyama), pl.76, fig.3, Holotype.

CM25686. *Liocyma hokkaidoensis* Habe, pl.76, fig.6.

CM25698. *Clinocardium taracaicum* (Yokoyama), pl.76, fig.1a,b, Syntype.

CM25699. *Clinocardium taracaicum* (Yokoyama), pl.76, fig.2a,b, Syntype.

CM25700. *Nemocardium yokoyamai* Takeda, pl.77, fig.3a,b.

CM25701. *Nemocardium yokoyamai* Takeda, pl.77, fig.4a,b.

CM25702. *Nemocardium yokoyamai* Takeda, pl.77, fig.5.

CM25703. *Nemocardium yokoyamai* Takeda, pl.77, fig.6.

CM25718. *Thracia* sp., pl.79, fig.2.

CM25721. *Monia macrochisma* (Deshayes), pl.76, fig.5.

CM25722. *Pecten yessoensis* Jay, pl.79, fig.3.

CM25723. *Pecten yessoensis* Jay, pl.79, fig.4.

CM25724. *Pecten (Fortipecten) takahashii* Yokoyama, pl.77, fig.1, Syntype.

CM25725. *Pecten (Fortipecten) takahashii* Yokoyama, pl.77, fig.2, Syntype.

CM25726. *Pecten (Fortipecten) takahashii* Yokoyama, pl.78, fig.1, Syntype.

CM25727. *Pecten (Fortipecten) takahashii* Yokoyama, pl.78, fig.2, Syntype.

CM25730. *Pecten (Patinopecten) agnatus* Yokoyama, pl.79, fig.1, Holotype.

CM25740. *Acila (Truncacila) gottschei* (Böhm), pl.79, fig.5.

CM25753. *Plicifusus plicatus* (Adams), pl.80, fig.3.

CM25756. *Buccinum* sp., pl.80, fig.2.

CM25797. *Dentalium tigillum* Yokoyama, pl.80, fig.5, Syntype. (missing)

Makiyama, J. (1959): continued

CM25798. *Dentalium tigillum* Yokoyama, pl.80, fig.6, Syntype.

CM25827. *Corbicula iburica* (Yokoyama), pl.80, fig.8, Holotype.

CM25831. *Diplodonta turgidula* Yokoyama, pl.80, fig.7a-c, Syntype.

CM25848. *Crepidula jimboana* Yokoyama, pl.80, fig.1a,b, Syntype. (missing)

CM25870. *Amathina nobilis* (Adams), pl.80, fig.4a,b. (missing)

CM25871. *Pecten yessoensis* Jay, pl.80, fig.9. (missing)

CM25880. *Phos (Coraeophos) iwakianus* (Yokoyama), pl.81, fig.7a,b, Syntype.

CM25881. *Phos (Coraeophos) iwakianus* (Yokoyama), pl.81, fig.8a,b, Syntype. (missing)

CM25896. *Ocenebra inornata* (Récluz), pl.81, fig.3a,b.

CM25900. *Bittium intaminatum* Yokoyama, pl.81, fig.5a,b, Syntype.

CM25913. *Turritella tanaguraensis* Kotaka, pl.81, fig.4.

CM25918. *Neverita kiritaniana* (Yokoyama), pl.81, fig.2a-c, Syntype.

CM25956. *Tegula yokoyamai* Nomura & Hatai, pl.81, fig.6a,b.

CM25957. *Minolia sakya* (Yokoyama), pl.81, fig.9a-c, Holotype.

CM25966. *Trachycardium shiobarense* (Yokoyama), pl.81, fig.1a,b. (missing)

CM25974. *Chlamys kaneharai* (Yokoyama), pl.82.

CM26002. *Perissolax lymani* Yokoyama, pl.83, fig.1, Holotype.

CM26003. *Coralliophyla tokudai* Yokoyama, pl.84, fig.1, Holotype.

CM26007. *Cerithium ishikariensis* Yokoyama, pl.83, fig.4, Syntype. (missing)

CM26008. *Cerithium ishikariensis* Yokoyama, pl.83, fig.5, Syntype.

CM26009. *Cerithium ishikariensis* Yokoyama, pl.83, fig.6, Syntype.

CM26010. *Cerithium ishikariensis* Yokoyama, pl.83, fig.7, Syntype.

CM26018. *Viviparus uryuensis* Yokoyama, pl.83, fig.8, Syntype. (missing)

CM26019. *Viviparus uryuensis* Yokoyama, pl.83, fig.9, Syntype.

CM26020. *Viviparus uryuensis* Yokoyama, pl.83, fig.10, Syntype.

CM26052. *Melanoides fiscinus* (Yokoyama), pl.83, fig.2, Syntype.

CM26053. *Melanoides fiscinus* (Yokoyama), pl.83, fig.3, Syntype.

CM26087. *Calliostoma unicum* Yokoyama, pl.83, fig.11, Holotype.

CM26095. *Martesia pulchella* Yokoyama, pl.84, fig.5, Holotype.

CM26101. *Aloides pumpellyi* (Yokoyama), pl.84, fig.6, Holotype.

CM26126. *Cyclina ? shirokiana* Yokoyama, pl.84, fig.7, Holotype.

CM26134. *Venus sannosawensis* (Yokoyama), pl.85, fig.6, Syntype.

Makiyama, J. (1959): continued

CM26136. *Pitar okadana* (Yokoyama), pl.84, fig.8, Syntype.

CM26137. *Pitar okadana* (Yokoyama), pl.84, fig.9, Syntype.

CM26147. *Venus tokudai* (Yokoyama), pl.84, fig.2, Syntype.

CM26148. *Corbicula atrata tokudai* Hatai & Nisiyama (nom. nud.), pl.84, fig.3, "Holotype".

CM26149. unnamed, pl.84, fig.4.

CM26205. *Paphia munroei* Yokoyama, pl.85, fig.3, Syntype.

CM26206. *Paphia munroei* Yokoyama, pl.85, fig.4, Syntype.

CM26247. *Cardita mandaica* Yokoyama, pl.84, fig.10. (missing)

CM26260. *Cyrena verecunda* Yokoyama, pl.85, fig.5(upper), Syntype.

CM26261. *Cyrena verecunda* Yokoyama, pl.85, fig.5(lower), Syntype.

CM26264. *Anodonta subjapanensis* (Yokoyama), pl.86, fig.3, Syntype.

CM26266. *Lanceolaria pisciformis* (Yokoyama), pl.85, fig.1, Syntype.

CM26267. *Lanceolaria pisciformis* (Yokoyama), pl.85, fig.2, Syntype.

CM26273. *Lymnium* sp., pl.86, fig.4.

CM26277. *Unio perdahuricus* (Yokoyama), pl.86, fig.2, Syntype.

CM26280. *Anodonta suavis* Yokoyama, pl.86, fig.1, Syntype.

CM26284. *Pholadomya* sp., pl.85, fig.7.

CM26310. *Yoldia breviscapha* Yokoyama, pl.86, fig.5, Syntype. (missing)

CM26316a. *Trophonopsis (Boreotrophon) felix* Yokoyama, pl.63, fig.8a, Syntype. (missing)

CM26316b. *Ademete* cf. *japonica lischkei* (Yokoyama), pl.63, fig.8b. (missing)

CM26316c. *Turritella* sp., pl.63, fig.8c. (missing)

CM26316d. *Dentalium* cf. *weinkauffi* Dunker, pl.63, fig.8d. (missing)

CM26323. *Trophonopsis (Boreotrophon) felix* Yokoyama, pl.63, fig.6, Syntype. (missing)

CM26330. *Dentalium exaratum* Yokoyama, pl.62, fig.14, Syntype. (missing)

CM26333. *Mya cuneiformis* (Böhm), pl.62, fig.2. (missing)

CM26334. *Mactra haboroensis* Yokoyama, pl.63, fig.3, Syntype. (missing)

CM26335. *Mactra haboroensis* Yokoyama, pl.63, fig.4, Syntype. (missing)

CM26336. *Spisula grayana* (Schrenck), pl.63, fig.7. (missing)

CM26339. *Tellina venulosa* Schrenck, pl.63, fig.5. (missing)

CM26340. *Macoma optiva* Yokoyama, pl.63, fig.1. (missing)

Makiyama, J. (1959): continued

CM26341. *Macoma optiva* Yokoyama, pl.63, fig.2. (missing)

CM26344. *Meretrix (Callista) chinensis* (Holten), pl.62, fig.1. (missing)

CM26345. *Mercenaria chitaniana* (Yokoyama), pl.62, fig.3. (missing)

CM26346. *Mercenaria chitaniana* (Yokoyama), pl.62, fig.4. (missing)

CM26347. *Pitar ?* sp., pl.62, fig.9. (missing)

CM26348. *Pitar ?* sp., pl.62, fig.10. (missing)

CM26349. *Serripes ?*, pl.62, fig.11. (missing)

CM26350. *Clementia ? uyemurai* (Yokoyama), pl.62, fig.12, Syntype. (missing)

CM26351. Gen. & sp. indet., pl.62, fig.13. (missing)

CM26356. *Clinocardium ainuanum* Yokoyama, pl.62, fig.5, Syntype. (missing)

CM26357. *Clinocardium ainuanum* Yokoyama, pl.62, fig.6, Syntype. (missing)

CM26358. *Clinocardium ainuanum* Yokoyama, pl.62, fig.7, Syntype. (missing)

CM26364. *Yoldia sagittaria* Yokoyama, pl.62, fig.8. (missing)

CM26876. *Neptunea* sp. aff. *modesta* Kuroda, pl.69, fig.2. (missing)

CM26877. *Neptunea tuberculata* (Yokoyama), pl.69, fig.1, Syntype. (missing)

CM26880. *Neptunea arthritica* (Bernardi) ?, pl.69, fig.4. (missing)

CM26881. *Buccinum matajiroi* Makiyama, pl.70, fig.1, Syntype. (missing)

CM26882. *Buccinum matajiroi* Makiyama, pl.70, fig.2, Syntype. (missing)

CM26887. *Potamides uyemurai* Yokoyama, pl.69, fig.3, Holotype. (missing)

CM26888. *Turritella kiiensis* Yokoyama, pl.70, fig.8. (missing)

CM26890. *Turritella nipponica* Yokoyama, pl.70, fig.7. (missing)

CM26902. *Mya (Arenomya) japonica* Jay, pl.72, fig.3. (missing)

CM26903. *Spisula sachalinensis* (Schrenck), pl.71, fig.1. (missing)

CM26905. *Spisula sachalinensis* (Schrenck), pl.72, fig.10. (missing)

CM26908. *Spisula grayana* (Schrenck), pl.72, fig.11. (missing)

CM26909. *Siliqua alta* (Broderip & Sowerby), pl.70, fig.4. (missing)

CM26910. *Siliqua alta* (Broderip & Sowerby), pl.70, fig.5. (missing)

CM26913. *Siliqua alta* (Broderip & Sowerby), pl.70, fig.3. (missing)

CM26914. *Tellina venulosa* Schrenck, pl.70, fig.6. (missing)

CM26915. *Periploma yokoyamai* Makiyama, pl.72, fig.1. (missing)

CM26918. *Macoma tokyoensis* Makiyama, pl.72, fig.2. (missing)

CM26921. *Callista brevisiphonata* (Carpenter), pl.73, fig.4. (missing)

CM26922. *Liocyma fluctuosa* (Gould), pl.72, fig.4. (missing)

Makiyama, J. (1959): continued

CM26923. *Liocyma fluctuosa* (Gould), pl.72, fig.5. (missing)

CM26924. *Liocyma fluctuosa* (Gould), pl.72, fig.6. (missing)

CM26925. *Liocyma fluctuosa* (Gould), pl.72, fig.7. (missing)

CM26927. *Serripes groenlandica* (Bruguière), pl.71, fig.2. (missing)

CM26928. *Serripes groenlandica* (Bruguière), pl.71, fig.3. (missing)

CM26930. *Clinocardium nuttalli* (Conrad), pl.72, fig.8. (missing)

CM26933. *Thyasira bisecta* (Conrad), pl.70, fig.9. (missing)

CM26934. *Thyasira gouldii* (Philippi), pl.72, fig.9. (missing)

CM26936. *Cyclocardia tokunagai* (Yokoyama), pl.73, fig.2. (missing)

CM26939. *Mytilus edulis* Linnaeus, pl.73, fig.1. (missing)

CM26940. *Mytilus grayanus* Dunker, pl.74, fig.3. (missing)

CM26941. *Polynemamussium watanabei* (Yokoyama), pl.74, fig.4, Holotype. (missing)

CM26943. *Ostrea gigas* Thunberg, pl.74, fig.1. (missing)

CM26944. *Glycymeris chitanii* Yokoyama, pl.73, fig.3, Syntype. (missing)

CM26945. *Nuculana pernula* (Müller), pl.74, fig.5. (missing)

CM26948. *Yoldia thraciaeformis* Storer, pl.73, fig.5. (missing)

CM26949. *Yoldia thraciaeformis* Storer, pl.73, fig.6. (missing)

CM26951. *Yoldia sagittaria* Yokoyama, pl.73, fig.7. (missing)

CM26952. *Yoldia notabilis* Yokoyama, pl.73, fig.8. (missing)

CM26957. *Acila vigilia* Schrenck, pl.74, fig.2. (missing)

Mizuno, A. (1952): Description of the Paleogene molluscs from Sakito, Nagasaki Prefecture, Japan. *Trans. Proc. Palaeont. Soc. Japan,* N. S., no.5, pp.185-193, pl.17.

All the specimens related to this work are now missing.

CM15261. *Turritella* (s. str.) *sakitoensis* Nagao, p.187, pl.17, fig.4.

CM15262. *Turritella (Haustator) karatsuensis* Nagao, p.187, pl.17, fig.5a.

CM15263. *Turritella (Haustator) karatsuensis* Nagao, p.187, pl.17, fig.5b.

CM15264. *Septifer* (s. str.) *nagaoi* Oyama, p.187, pl.17, fig.1a.

CM15265. *Septifer* (s. str.) *nagaoi* Oyama, p.187, pl.17, fig.1b.

CM15266. *Septifer* (s. str.) *nagaoi* Oyama, p.187, pl.17, fig.1d.

CM15268. *Chlamys (Coralichlamys ?) rutteni* Martin, p.188, pl.17, fig.6.

CM15269. *Crassatellites (Eucrassatella ?) iesakai* Mizuno, p.189, pl.17, fig.2a, Paratype.

CM15270. *Crassatellites (Eucrassatella ?) iesakai* Mizuno, p.189, pl.17, fig.2b, Holotype.

CM15271. *Crassatellites (Eucrassatella ?) iesakai* Mizuno, p.189, pl.17, fig.2c. Paratype.

CM15272. *Crassatellites (Eucrassatella ?) iesakai* Mizuno, p.189, pl.17, fig.2d, Paratype.

CM15274. *Crassatellites (Eucrassatella ?) elongatus* Mizuno, p.190, pl.17, fig.3, Holotype.

CM15275. *Venericardia (Cyclocardia) vestitoides* Mizuno, p.190, pl.17, fig. 7a, Paratype.

CM15276. *Venericardia (Cyclocardia) vestitoides* Mizuno, p.190, pl.17, fig. 7b, Holotype.

CM15277. *Venericardia (Cyclocardia) vestitoides* Mizuno, p.190, pl.17, fig. 7c, Paratype.

CM15278. *Venericardia (Cyclocardia) inflata* Mizuno, p.191, pl.17, fig.8a, Paratype.

CM15279. *Venericardia (Cyclocardia) inflata* Mizuno, p.191, pl.17, fig.8b, Holotype.

CM15280. *Venericardia (Cyclocardia) siogamensis* Nomura, p.191, pl.17, fig.9.

CM15281. *Venericardia (Megacardita) japonica* Mizuno, p.191, pl.17a, fig. 10a, Holotype.

CM15282. *Venericardia (Megacardita) japonica* Mizuno, p.191, pl.17, fig. 10b, Paratype.

CM24987. *Septifer* (s. str.) *nagaoi* Oyama, p.187, pl.17, fig.1c, Holotype. (see also Yokoyama, 1927d)

Mizuno, A. (1952): continued

The following specimens, though not illustrated, were also treated in this paper.

Septifer (s. str.) *nagaoi* Oyama: CM15267

Crassatellites (Eucrassatella ?) iesakai Mizuno: CM15273, Paratype.

Mizuno, A. (1953): Notes on the Miocene molluscs from the Kumano Group in the south-eastern Kii Peninsula, Japan, with descriptions of three new species. *Trans. Proc. Palaeont. Soc. Japan,* N. S., no.9, pp.9-18, 5 figs.

CM15283. *Anadara (Scapharca) nakamurai* Mizuno, p.15, fig.3, Holotype.

CM15284.* *Anadara (Pectinatarca) kiiensis* Mizuno, p.16, fig.5a, Holotype.

CM15285. *Anadara (Pectinatarca) kiiensis* Mizuno, p.16, fig.5a, Paratype. (missing)

CM15286. *Timoclea nipponica* Mizuno, p.16, fig.4a, Holotype.

CM15287.* *Timoclea nipponica* Mizuno, p.16, fig.4b, Paratype.

CM15288.* *Timoclea nipponica* Mizuno, p.16, fig.4c, Paratype.

Mizuno, A. (1954): On Yoldia laudabilis Yokoyama. *Cenoz. Res.*, no.20, pp.13-18,22, pl.1, 2 text-figs. (in Japanese)

CM15289. *Yoldia (Yoldia) laudabilis* Yokoyama, p.15, pl.1, fig.9, Neotype.

CM15290. *Yoldia (Yoldia) laudabilis* Yokoyama, p.15, pl.1, fig.10.

CM15291. *Yoldia (Yoldia) laudabilis* Yokoyama, p.15, pl.1, fig.11.

CM15292. *Yoldia (Yoldia) laudabilis* Yokoyama, p.15, pl.1, fig.12a,b. (missing)

CM15293. *Yoldia (Yoldia) laudabilis* Yokoyama, p.15, pl.1, fig.13.

CM15294. *Yoldia (Yoldia) laudabilis* Yokoyama, p.15, pl.1, fig.14a,b.

CM15295. *Yoldia (Yoldia) laudabilis* Yokoyama, p.15, pl.1, fig.15.

CM15296. *Yoldia (Yoldia) laudabilis* Yokoyama, p.15, pl.1, fig.16.

CM15297. *Yoldia (Yoldia) laudabilis* Yokoyama, p.15, pl.1, fig.17.

CM15298. *Yoldia (Yoldia) laudabilis* Yokoyama, p.15, pl.1, fig.18.

CM15299. *Yoldia (Yoldia) laudabilis* Yokoyama, p.15, pl.1, fig.19a,b.

CM15300. *Yoldia (Yoldia) laudabilis* Yokoyama, p.15, pl.1, fig.20.

CM15301. *Yoldia (Yoldia) laudabilis* Yokoyama, p.15, pl.1, fig.21.

Mizuno, A. (1954): continued

RM15302. *Yoldia (Yoldia) limatula* Say, p.16, pl.1, fig.1a,b.

RM15303. *Yoldia (Yoldia) limatula* Say, p.16, pl.1, fig.2.

CM15304.* *Yoldia (Yoldia) laudabilis* var. *h-matsuii* Mizuno, p.18, pl.1, fig.6, Holotype.

CM15305.* *Yoldia (Yoldia) laudabilis* var. *h-matsuii* Mizuno, p.18, pl.1, fig.7, Paratype.

CM22111. *Yoldia (Yoldia) laudabilis* Yokoyama, p.15, pl.1, fig.8, Syntype. (missing)

Naumann, E. (1881): Ueber japanische Elephanten der Vorzeit. *Palaeontographica,* Bd.28, pp.1-40, pls.1-7.

CV13805. *Stegodon Cliftii* Falconer and Cautley, p.9, pls.1,2.

CV13806.* *Stegodon insignis* Falconer and Cautley, p.12, pl.3.

CV13807.* *Stegodon insignis* Falconer and Cautley, p.12, pl.4.

CV13809.* *Elephas Namadicus* Falconer and Cautley, p.25, pl.6.

CV13810. *Elephas Namadicus* Falconer and Cautley, p.25, pl.7.

Nishiwada, K. (1894): "Some fossils from a limestone of Enshu". *Jour. Geol. Soc. Tokyo,* vol.2, no.16, pp.135-140, pl.5. [in Japanese]

CP15253. *Lithothamnium ramosissimum* Reuss, p.135, pl.5, fig.1.

CP15254. *Lithothamnium ramosissimum* Reuss, p.135, pl.5, fig.2. (missing)

CP15255. *Lithothamnium ramosissimum* Reuss, p.135, pl.5, fig.3. (missing)

CP15256. *Lithothamnium ramosissimum* Reuss, p.135, pl.5, fig.4. (missing)

CC15257. *Stylophora* sp., p.137, pl.5, fig.6. (missing)

CP15258. *Millepora* sp., p.138, pl.5, fig.7. (missing)

CM15259. *Turbo mekamiensis* Nishiwada, p.139, pl.5, fig.5a,b, Holotype.

Nishiwada, K. (1895): On some organic remains from the Tertiary limestone near Sagara, Tōtōmi. *Jour. Coll. Sci., Imp. Univ. Tokyo,* vol.7, art.3, pp.233-243, pl.29.

CP15253. *Lithothamnium ramosissimum* Reuss, p.236, pl.29, fig.1. (see also Nishiwada, 1894)

CP15254. *Lithothamnium ramosissimum* Reuss, p.236, pl.29, fig.2. (missing) (see also Nishiwada, 1894)

CP15255. *Lithothamnium ramosissimum* Reuss, p.236, pl.29, fig.3. (missing) (see also Nishiwada, 1894)

CP15256. *Lithothamnium ramosissimum* Reuss, p.236, pl.29, fig.4. (missing) (see also Nishiwada, 1894)

CC15257. *Stylophora* sp., p.239, pl.29, fig.6. (missing)(see also Nishiwada, 1894)

CP15258. *Millepora* sp., p.239, pl.29, fig.7. (missing)(see also Nishiwada, 1894)

CM15259. *Turbo mekamiensis* Nishiwada, p.240, pl.29, fig.5a,b, Holotype. (see also Nishiwada, 1894)

Oinomikado, T. (1938): Neogene shells from the vicinity of the city of Takasaki, Gumma-ken, Japan. *Jour. Geol. Soc. Japan,* vol.45, no.539, pp.671-676, pl.20.

CM15260. *Glycymeris k-suzukii* Oinomikado, p.673, pl.20, figs.2,3, Holotype.

Okada, Y. (1979): Stratigraphy and Ostracoda from late Cenozoic strata of the Oga Peninsula, Akita Prefecture. *Trans. Proc. Palaeont. Soc. Japan*, N. S., no.115, pp.143-173, pls.21-23.

CA9614. *Finmarchinella (Barentsovia) hanaii* Okada, p.166, pl.22, fig.2, Holotype.

CA9615. *Finmarchinella (Barentsovia) hanaii* Okada, p.166, Pl.22, fig.1, Paratype.

CA9616. *Finmarchinella (Barentsovia) hanaii* Okada, p.166, pl.22, fig.3, Paratype.

CA9617. *Finmarchinella (Barentsovia) hanaii* Okada, p.166, pl.22, fig.4, Paratype.

CA9618. *Finmarchinella (Barentsovia) hanaii* Okada, p.166, pl.22, fig.5, Paratype.

CA9619. *Finmarchinella (Barentsovia) hanaii* Okada, p.166, pl.22, fig.6, Paratype.

CA9620. *Finmarchinella (Barentsovia) hanaii* Okada, p.166, pl.22, fig.7, Paratype.

CA9621. *Finmarchinella (Barentsovia) hanaii* Okada, p.166, pl.22, fig.8, Paratype.

CA9622. *Finmarchinella (Barentsovia) hanaii* Okada, p.166, pl.22, fig.9, Paratype.

CA9623. *Finmarchinella (Barentsovia) hanaii* Okada, p.166, pl.22, fig.10, Paratype.

CA9624. *Finmarchinella (Barentsovia) hanaii* Okada, p.166, pl.22, fig.11, Paratype.

CA9625. *Finmarchinella (Barentsovia) hanaii* Okada, p.166, pl.22, fig.12, Paratype.

CA9626. *Finmarchinella (Barentsovia) hanaii* Okada, p.166, pl.22, fig.13, Paratype.

CA9627. *Finmarchinella (Barentsovia) nealei* Okada, p.168, pl.23, fig.1a-h, Holotype.

CA9628. *Finmarchinella (Barentsovia) nealei* Okada, p.168, pl.23, fig.2, Paratype.

CA9629. *Finmarchinella (Barentsovia) nealei* Okada, p.168, pl.23, fig.3, Paratype.

CA9630. *Finmarchinella (Barentsovia) nealei* Okada, p.168, pl.23, fig.4, Paratype.

CA9631. *Finmarchinella (Barentsovia) nealei* Okada, p.168, pl.23, fig.5, Paratype.

Okada, Y. (1981): Development of cell arrangement in ostracod carapaces. *Paleobiology*, vol.7, no.2, pp.276-280, figs.1-3.

RA15339. *Bicornucythere bisanensis* (Okubo), p.276, fig.2a.

CA15340. *Bicornucythere bisanensis* (Okubo), p.276, fig.2b.

Okutani, T. (1964): Report on the archibenthal and abyssal gastropod Mollusca mainly collected from Sagami Bay and adjacent waters by the R. V. Soyo-maru during the years 1955–1963. *Jour. Fac. Sci. Univ. Tokyo,* sec.2, vol.15, pt.3, pp.371-447, pls.1-7, text-figs.1-7.

RM8808. *Scissurella sagamiana* Okutani, p.377, pl.5, fig.2, Paratype.

RM8809. *Puncturella (Fissurisepta) undulata* Okutani, p.378, pl.1, fig.11, Holotype.

RM8810. *Margarites margaritiferus* Okutani, p.382, pl.1, fig.9; pl.5, fig. 5, Holotype.

RM8811. *Seguenzia mirabilis* Okutani, p.383, pl.1, fig.17; pl.5, fig.12, Holotype.

RM8812. *Seguenzia nipponica* Okutani, p.384, pl.6, fig.1, Holotype.

RM8813. *Basilissa soyoae* Okutani, p.385, pl.5, fig.3, Holotype.

RM8814. *Liotia vitreospinosa* Okutani, p.386, pl.1, fig.7, Holotype.

RM8815. *Choristes nipponica* Okutani, p.388, pl.6, fig.2, Holotype.

RM8816. *Choristes mollis* Okutani, p.389, pl.6, fig.3, Holotype.

RM8817. *Microstelma flava* Okutani, p.389, pl.6, fig.5, Holotype.

RM8818. *Tachyrhynchus subvenustellus* Okutani, p.390, pl.5, fig.13, Holotype.

RM8819. *Nodiscala japonica* Okutani, p.392, pl.5, fig.14, Holotype.

RM8820. *Amaea luxus* Okutani, p.392, pl.1, fig.16, Holotype.

RM8821. *Lunatia nux* Okutani, p.395, pl.1, fig.22, Holotype.

RM8822. *Torellia millestriata* Okutani, p.397, pl.6, fig.4, Holotype.

RM8823. *Palaeadmete bathyalis* Okutani, p.398, pl.6, fig.7, Holotype.

RM8824. *Halocerus japonicus* Okutani, p.397, pl.6, fig.8, Holotype.

RM8825. *Velutina abyssicola* Okutani, p.399, pl.5, fig.4, Holotype.

RM8826. *Trophonopsis soyoae minimus* Okutani, p.402, pl.5, fig.9, Paratype.

RM8827. *Boreotrophon flos* Okutani, p.403, pl.3, fig.1, Holotype.

RM8828. *Zemitrella cera* Okutani, p.404, text-fig.3, Holotype.

RM8829. *Zemitrella? siligo* Okutani, p.405, pl.6, fig.9, Holotype.

RM8830. *Soyonassa porifericola* Okutani, p.406, pl.5, fig.10, Paratype.

RM8831. *Mohnia daphnelloides* Okutani, p.407, pl.3, fig.9, Holotype.

RM8832. *Latisipho felis* Okutani, p.407, pl.3, fig.5, Holotype.

RM8833. *Clinopegma hachijoensis* Okutani, p.411, pl.2, fig.2, Holotype.

RM8834. *Neptunea insularis robusta* Okutani, p.412, pl.2, fig.3, Holotype.

RM8835. *Buccinum kashimanum* Okutani, p.413, pl.2, fig.1, text-fig.4, Holotype.

Okutani, T. (1964): continued

RM8836. *Neadmete profundicola* Okutani, p.419, pl.3, fig.12; pl.7, fig.5, Holotype.

RM8837. *Imaclava hosoi* Okutani, p.422, pl.7, fig.10, Paratype.

RM8838. *Ptychrosyrinx bisinuata japonica* Okutani, p.425, pl.4, fig.9, Holotype.

RM8839. *Paradrillia sagamiana* Okutani, p.426, pl.7, fig.2, Holotype.

RM8840. *Benthomangelia subtrophonoidea* Okutani, p.427, text-fig.6, Holotype.

RM8841. *Propebela (Turritoma) venusta* Okutani, p.429, pl.7, fig.8, Paratype.

RM8842. *"Propebela" plicata* Okutani, p.429, pl.7, fig.11, Holotype.

RM8843. *"Propebela" bigranulosa* Okutani, p.430, pl.6, fig.12, Holotype.

RM8844. *Nematoma microvoluta* Okutani, p.431, pl.6, fig.10, Paratype.

RM8845. *Funitoma delicata* Okutani, p.432, pl.7, fig.4, Holotype.

RM8846a. *Taranis japonicus* Okutani, p.433, pl.4, fig.16, Holotype.

RM8846b. *Taranis japonicus* Okutani, p.433, pl.6, fig.13, Paratype.

RM8847. *Taranis (Nepotilla) nezi* Okutani, p.434, text-fig.7, Holotype.

RM8848. *Pleurotomella granuliapicata* Okutani, p.434, pl.6, fig.15, Paratype.

RM8849. *Profundiconus soyomaruae* Okutani, p.436, pl.4, fig.1, Holotype.

RM8850. *"Turbonilla" punicea* Okutani, p.442, pl.7, fig.15, Holotype.

Okutani, T. (1968): Systematics, ecological distribution and palaeoecological implication of archibenthal and abyssal Mollusca from Sagami Bay and adjacent areas. *Jour. Fac. Sci. Univ. Tokyo,* sec.2, vol.17, pt.1, pp.1-98, pl.1.

CM15389. *Limopsis tajimae* (Sowerby), p.82, pl.1, fig.1.

CM15390. *Phanelolepida transenna* (Watson), p.84, pl.1, fig.2.

CM15391. *Ancistrolepis fujitai* Kuroda, p.82, pl.1, fig.3.

CM15392. *Japelion adelphicus* (Dall), p.82, pl.1, fig.4.

CM15393. *Fulgoraria koshibensis* Otuka, p.83, pl.1, fig.5.

CM15394. *Lora tomiyaensis* Otuka, p.84, pl.1, fig.6.

CM15395. *Lora komakahida* Otuka, p.84, pl.1, fig.7.

CM15396. *Buccinum suruganum* Dall, p.83, pl.1, fig.8.

CM15397. *Buccinum suruganum* Dall, p.83, pl.1, fig.9.

Okutani, T. (1968): continued

CM15398. *Fusitriton oregonensis* (Redfield), p.84, pl.1, fig.10.

CM15399. *Fusitriton oregonensis* (Redfield), p.84, pl.1, fig.11.

CM15400. *Riuguhdrillia mediocarinata* (Yokoyama), p.84, pl.1, fig.12.

CM15401. *Typhomangelia kazusensis* Otuka, p.84, pl.1, fig.13.

CM15402. *Typhomangelia kazusensis* Otuka, p.84, pl.1, fig.14.

CM15403. *Brachytoma takeokensis* Otuka, p.84, pl.1, fig.15.

CM15404. *Cymatosyrinx hosonaga* Otuka, p.84, pl.1, fig.16.

The following specimens, though not illustrated, were also treated in this paper.

Acila sp. (cf. *insignis* Gould): CM15405

Natica clausiformis Oyama(MS): CM15406

Lunatia sp.: CM15407 (missing)

Trophonopsis soyoae minimus Okutani: CM15408

Mitrella sp.: CM15409

Neptunea sp. (cf. *yokoyamai* Oyama): CM15410

Asprella tuberculosus (Tomlin): CM15411

Boreotrophon echinus Dall: CM15412

Cymatosyrinx braunsi (Yokoyama): CM15413

Otuka, Y. (1930): A new variety of fossil Umbonium. *Jour. Geol. Soc. Tokyo,* vol.37, no.444, pp.25-26, fig.1a-c.

CM10712. *Umbonium giganteum naganumanum* Otuka, p.25, fig.1a-c, Holotype.
CM12866. *Umbonium giganteum naganumanum* Otuka, p.25, Paratype.
CM12867. *Umbonium giganteum naganumanum* Otuka, p.25, Paratype.
CM12868. *Umbonium giganteum naganumanum* Otuka, p.25, Paratype. (missing)

Otuka, Y. (1932): On the shells of fossiliferous strata, 15m. below the earth's surface, in Gobanchō, Kōjimachi-ku, Tokyo. *The Venus,* vol.3, no.2, pp.109-112, figs.1-3. [in Japanese]

CM10638. *Acteocina* sp., p.110, fig.2a.
CM10662. *Pyramidella* sp.1, p.110, fig.2b.
CM10665. *"Rissoa" (?)* sp., p.110, fig.2c.

The following specimens, though not illustrated, were also treated in this paper.

Aloides pygmaea (Yokoyama): CM10587
Aloides venusta (Gould): CM10588
Anadara subcrenata (Lischke): CM10589
Anomia lischkei Dautzenberg et Fischer: CM10590
Barnea fragilis (Sowerby): CM10591
Brachidontes senhausi (Reeve): CM10592
Cardium bülowi Rolle: CM10593
Cardium burchardi Dunker: CM10594
Cardium muticum Reeve: CM10595
Chamaeformis meretrix (Linné): CM10596
Chione isabellina (Philippi): CM10597
Chlamys plica (Linné): CM10598
Crassatellites heteroglyptus (Pilsbry): CM10599
Crenella divaricata Yokoyama: CM10600
Diplodonta japonica Pilsbry: CM10601
Diplodonta tunaris Yokoyama: CM10602
Dosinia japonica (Reeve): CM10603
Glycymeris vestita (Dunker): CM10604

Otuka, Y. (1932): continued

Gomphina neastartoides (Yokoyama): CM10605

Lima orientalis Adams et Reeve: CM10606

Limatula subauriculata (Montagu): CM10607

Limopsis woodwardi A. Adams: CM10608

"Lutraria" radiata Yokoyama: CM10609

Myodora fluctuosa Gould: CM10610

Macrocallista pacifica (Dillwyn): CM10611

Mactra sulcataria Reeve: CM10612

Panope japonica A. Adams: CM10613

Miltha annulata (Reeve): CM10614

Montacuta crassa Yokoyama: CM10615

Nucula sp.: CM10616

Ostrea crenulifera Sowerby: CM10617

Ostrea gigas Thunberg: CM10618

Paphia euglypta (Philippi): CM10619

Paphia philippinarum (A. Adams et Reeve): CM10620

Pecten laqueatus Sowerby: CM10621

Pillucina contraria (Dunker): CM10622

Protothaca jedoensis (Lischke): CM10623

Psammosolen divaricatus (Lischke): CM10624

Plicatula cuneata Dunker: CM10625

Saxidomus purpuratus (Sowerby): CM10626

Schizothaerus nuttalli (Conrad): CM10627

Solen krusensterni Schrenck: CM10628

Spisula bernardi Pilsbry: CM10629

Tellina delta Yokoyama: CM10630

Tellina ojiensis Tokunaga: CM10631

Tellina jedoensis Lischke: CM10632

Thracia papyracea Poli: CM10633

Venericardia ferruginosa (Adams et Reeve): CM10634 (missing)

Venericardia toneana Yokoyama: CM10635

Dentalium weinkauffii Dunker: CM10636

Acteocina exilis (Yokoyama): CM10637 (missing)

Otuka, Y. (1932): continued

Batillaria zonalis (Bruguière): CM10639

Calliostoma unicum shinagawensis Tokynaga: CM10640 (missing)

Cancellaria spengleriana Deshayes: CM10641

Clava kochi (Philippi): CM10642

Cylichna musashiensis Tokunaga: CM10643

Cytharella fukuchiana (Yokoyama): CM10644 (missing)

Eunaticina papilla (Gmelin): CM10645 (missing)

Fusinus nodoso-plicatus (Dunker): CM10646

Hemifusus ternatanus (Gmelin): CM10647

Inquisitor jeffreysii (Smith): CM10648 (missing)

Latrunculus japonicus (Reeve): CM10649

Leptothyra amussitata (Gould): CM10650

Leptothyra pygmaea Yokoyama: CM10651

Mitrella varians (Dunker): CM10652

Natica janthostoma Deshayes: CM10653

Neritaeformis sagamiensis (Pilsbry): CM10654

Neritaeformis didyma (Bolten): CM10655

Nassarius fraterculus (Dunker): CM10656

Nassarius japonicus (A. Adams): CM10657

Odostomia optata Yokoyama: CM10658

Odostomia aff. *desimana* Dall et Bartsch: CM10659

Philine scalpta A. Adams: CM10660

Pyramidella virgo brevis Yokoyama: CM10661

Rapana thomasiana Crosse: CM10663

Retusa truncata Yamakawa: CM10664

Ringicula musashinoensis Yokoyama: CM10666

Siphonalia cassidariaeformis ornata (A. Adams): CM10667

Siphonalia stearnsii Pilsbry: CM10668

Solariella angulata (Tokunaga): CM10669

Tonna luteostoma (Küster): CM10670

Tritonalia falcata (Sowerby): CM10671

Turbonilla triarata Pilsbry: CM10672

Umbonium moniliferum (Lamarck): CM10673

Otuka, Y. (1933): A new species of fossil Ringicula from the Japanese Miocene. *The Venus,* vol.4, no.1, pp.15-16, fig.a-d.

CM12102. *Ringicula (Ringiculina) ninohensis* Otuka, p.15, fig.a-d, Holotype.

CM12869. *Ringicula (Ringiculina) ninohensis* Otuka, p.15, Paratype.

CM12870. *Ringicula (Ringiculina) ninohensis* Otuka, p.15, Paratype.

CM12871. *Ringicula (Ringiculina) ninohensis* Otuka, p.15, Paratype.

CM12872. *Ringicula (Ringiculina) ninohensis* Otuka, p.15, Paratype.

CM12873. *Ringicula (Ringiculina) ninohensis* Otuka, p.15, Paratype.

CM12874. *Ringicula (Ringiculina) ninohensis* Otuka, p.15, Paratype.

CM12875. *Ringicula (Ringiculina) ninohensis* Otuka, p.15, Paratype.

CM12876. *Ringicula (Ringiculina) ninohensis* Otuka, p.15, Paratype.

CM12877. *Ringicula (Ringiculina) ninohensis* Otuka, p.15, Paratype.

CM12878. *Ringicula (Ringiculina) ninohensis* Otuka, p.15, Paratype.

CM12879. *Ringicula (Ringiculina) ninohensis* Otuka, p.15, Paratype.

Otuka, Y. (1934): Teritiary structures of the northwestern end of the Kitakami mountainland, Iwate Prefecture, Japan. *Bull. Earthquake Res. Inst., Tokyo Imp. Univ.,* vol.12, pt.3, pp.566-638, pls.44-51.

CM11840. (= 1288) *Solemya tokunagai* Yokoyama, p.607, pl.47, fig.10.

CM11842. (= 1290) *Nuculana confusa kongiensis* Otuka, p.608, pl.47, fig.14, Syntype.

CM11845. (= 1293) *Nuculana nidatoriensis* Otuka, p.608, pl.47, fig.11, Syntype.

CM11846. (= 1294) *Yoldia thraciaeformis* Storer, p.609, pl.47, fig.16.

CM11847. (= 1296) *Yoldia cooperi ochotensis* Khomenko, p.609, pl.47, figs. 17,18. (missing)

CM11849. (= 1303) *Yoldia intermedia kadonosawaensis* Otuka, p.609, pl.47, fig.19, Syntype. (missing)

CM11863. (= 1317) *Arca ninohensis* Otuka, p.609, pl.47, figs.21,22, Holotype.

CM11877. (= 1333) *Chlamys kotorana* Otuka, p.611, pl.47, fig.25, "Monotype" [to be Holotype]

CM11878. (= 1334) *Chlamys islandicus nisataiensis* Otuka, p.612, pl.47, fig.26, Holotype.

CM11947. (= 1412) *Lucina yokoyamai* Otuka, p.615, pl.47, figs.29,30, Syntype.

Otuka, Y. (1934): continued

CM11950. (= 1415) *Pillucina pisidium nisataiensis* Otuka, p.615, pl.47, figs.33,34, Syntype.

CM11951. (= 1416) *Pillucina contraria* (Dunker), p.616, pl.48, fig.37.

CM11952. (= 1417) *Lucina k-hataii* Otuka, p.614, pl.47, fig.28, Syntype.

CM11953. (= 1418) *Lucina k-hataii* Otuka, p.614, pl.47, fig.27, Syntype.

CM11954. (= 1419) *Taras ferruginata* (Makiyama), p.616, pl.48, figs.39, 40. (missing)

CM11962. (= 1427) *Cardium (Cerastoderma) shinjiensis* Yokoyama, p.616, pl.47, fig.16.

CM11967. (= 1432) *"Paphia" siratoriensis* Otuka, p.616, pl.50, fig.98, Syntype.

CM11970. (= 1435) *"Paphia" siratoriensis* Otuka, p.616, pl.48, fig.41a,b, Syntype.

CM11971. (= 1436) *Taras ferruginata* (Makiyama), p.616, pl.47, fig.35.

CM11978. (= 1443) *Clementia (Compsomyax)* aff. *subdiaphana* Carpenter, p.617, pl.48, fig.42.

CM11981. (= 1446) *Clementia (Compsomyax) subdiaphana yazawaensis* Otuka, p.617, pl.49, fig.64a,b, Syntype.

CM11991. (= 1456) *Pitar yabei* Otuka, p.617, pl.48, figs.49,50, Syntype.

CM11996. (= 1461) *Dosinia nagaii* Otuka, p.618, pl.48, fig.55, "Monotype" [to be Holotype].

CM11998. (= 1463) *Dosinia japonica nomurai* Otuka, p.618, pl.48, fig.54, Syntype.

CM12008. (= 1474) *Macoma optiva* (Yokoyama), p.619, pl.48, fig.51. (missing)

CM12027. (= 1495) *Sanguinolaria (Soletellina) minoensis* (Yokoyama), p.619, pl.49, fig.65a,b.

CM12034. (= 1506) *"Cardilia" yudaensis* Otuka, p.620, pl.48, figs.46-48, "Monotype" [to be Holotype].

CM12036. (= 1508) *Cryptomya bussoensis* Yokoyama, pl.48, fig.52.

CM12037. (= 1509) *Aloides erythrodon nisataiensis* Otuka, p.620, pl.48, figs.43,44, Syntype.

CM12052. (= 1524) *"Panomya" simotomensis* Otuka, p.621, pl.49, fig.66a,b, Holotype.

CM12053. (= 1525) *Zirphaea subconstricta kotorai* Otuka, p.621, pl.48, fig. 53, Holotype.

CM12055. (= 1527) *"Minolia" sasai* Otuka, p.622, pl.49, fig.82a, pl.51, fig.82b, Syntype.

Otuka, Y. (1934): continued

CM12056. (= 1533) *Turritella fortilirata kadonosawaensis* Otuka, p.622, pl. 51, fig.104, Syntype.

CM12059. (= 1536) *Batillaria atukoae* Otuka, p.623, pl.49, fig.70, "Monotype" [to be Holotype].

CM12060. (= 1537) *Batillaria atukoae* Otuka, p.623, pl.49, fig.69, Paratype.

CM12061. (= 1538) *Batillaria yamanarii* Makiyama, p.624, pl.49, figs.80, 81.

CM12062. (= 1539) *Batillaria tateiwai* Makiyama, p.624, pl.49, fig.71.

CM12064. (= 1541) *"Proclava"* aff. *ishiianum* (Yokoyama), p.624, pl.49, figs.72, 73.

CM12065. (= 1546) *Epitonium (Boreoscala) nagaminensis* Otuka, p.625, pl.51, fig.111a, b, Holotype.

CM12066. (= 1547) *Calyptrea* sp. 1, p.625, pl.48, fig.62a,b.

CM12067. (= 1548) *Crepidula nidatoriensis* Otuka, p.626, pl.48, fig.63a, b, Syntype.

CM12069. (= 1550) *Crepidula isimotoi* Otuka, p.626, pl.48, fig.56, Syntype.

CM12075. (= 1557) *Polinices (Euspira) meisensis* Makiyama, p.627, pl.49, fig.76. (missing)

CM12076. (= 1558) *Polinices (Euspira) meisensis* Makiyama, p.627, pl.49, fig.77. (missing)

CM12080. (= 1562) *Sinum yabei* Otuka, p.627, pl.49, figs.74,75, Paratype.

CM12083. (= 1566) *Surculites kurodai* Otuka, p.628, pl.50, fig.94, "Monotype" [to be Holotype]. (missing)

CM12085. (= 1567) *Truncaria nakamurai* Otuka, p.630, pl.51, figs.106-108, "Monotype" [to be Holotype].

CM12086. (= 1568) *"Trophon" nakamurai* Otuka, p.629, pl.49, figs.67,68, "Monotype No.1" [to be Syntype].

CM12091. (= 1573) *Ancistrolepis yudaensis* Otuka, p.630, pl.50, fig.88, Syntype. (missing)

CM12094. (= 1576) *Nassarius (Hinia) simizui* Otuka, p.631, pl.50, fig.85, "Monotype" [to be Syntype].

CM12097. (= 1579) *Olivella consobrina* (Lischke), p.632, pl.50, figs.89, 90.

CM12100. (= 1582) *Cancellaria spengleriana* Deshayes, p.632, pl.50, fig.99.

CM12102. (= 1586) *Ringicula ninohensis* Otuka, p.632, pl.50, figs.95,96, Holotype. (see also Otuka, 1933)

CM12104. (= 1588) *Nassarius (Zeuxis) kometubus* Otuka, p.631, pl.51, figs. 109,110a,b, "Monotype" [to be Syntype].

Otuka, Y. (1934): continued

CM12105. (= 1589) *Suavodrillia makiyamai* Otuka, p.629, pl.50, fig.91a; pl.51, fig.91b; pl.51, fig.114, Holotype.

CM12108. (= 1592) *Calyptrea yokoyamai tubura* Otuka, p.625, pl.49, figs. 78a, 79; pl.50, fig.78b, Holotype.

CM12121. (= 1700) *Crepidula jimboana* Yokoyama, p.626, pl.51, fig.112. (missing)

CM12124. (= 1593) *Conus tokunagai* Otuka, p.632, pl.50, figs.83,84, Syntype.

CM12881. *Nuculana* sp. 1, p.608, pl.47, figs.12,13. (missing)

CM12888. (= 1290) *Arca amicula* Yokoyama, p.609, pl.47, fig.20.

CM12910. (= 1593) *Unio kobayasiensis* Otuka, p.611, pl.47, fig.24, "Monotype" [to be Holotype]. (missing)

CM12911. *Chlamys* sp., p.612, pl.50, fig.97. (missing)

CM12936. (= 1412) *Lucina yokoyamai* Otuka, p.615, pl.47, figs.31,32, Syntype.

CM12942. (= 1416) *Pillucina contraria* (Dunker), p.616, pl.48, fig.38.

CM12970. (= 1509) *Aloides erythrodon nisataiensis* Otuka, p.620, pl.48, fig.45, Syntype.

CM12980. (= 1527) *"Minolia" sasai* Otuka, p.622, pl.49, fig.82c, Syntype.

CM12982. *Turritella fortilirata* Sowerby, p.622, pl.51, fig.102. (missing)

RM12983. *Turritella fortilirata* Sowerby, p.622, pl.51, fig.105. (missing)

CM12984. *Turritella fortilirata saishuensis* Yokoyama, p.622, pl.51, fig. 103. (missing)

CM12985. (= 1532) *Turritella andenensis* Otuka, p.622, pl.51, fig.100, Syntype.

CM12986. (= 1532) *Turritella andenensis* Otuka, p.622, pl.51, fig.113, Syntype.

CM12988. (= 1531) *Turritella perterebra* Yokoyama, p.622, pl.51, fig.101.

CM12989. (= 1550) *Crepidula isimotoi* Otuka, p.626, pl.48, fig.57, Syntype.

CM12990. (= 1550) *Crepidula isimotoi* Otuka, p.626, pl.48, fig.58, Syntype.

CM12991. (= 1550) *Crepidula isimotoi* Otuka, p.626, pl.48, fig.59, Syntype.

CM12992. (= 1550) *Crepidula isimotoi* Otuka, p.626, pl.48, fig.60, Syntype.

CM12993. (= 1550) *Crepidula isimotoi* Otuka, p.626, pl.48, fig.61, Syntype.

CM12997. (= 1551) *Surculites yokoyamai* Otuka, p.628, pl.50, fig.92, "Monotype" [to be Holotype]. (missing)

CM12998. (= 4234) *Surculites kurodai ?* Otuka, p.628, pl.50, fig.93.

CM13002. (= 1576) *Nassarius (Hinia) simizui* Otuka, p.631, pl.50, figs.86, 87, Syntype.

Otuka, Y. (1934): continued

The following specimens, though not illustrated, were also treated in this paper.

Acila divaricata ? (Hinds): CM11841 (=1289)

Nuculana confusa kongiensis Otuka: CM11843 (=1291), CM12882 (=1431), Syntypes

Nuculana nidatoriensis Otuka: CM11844 (=1292)(missing), CM12880 (=1307), Syntypes

Yoldia cooperi ochotensis Khomenko: CM11848 (=1297), CM11852 (=1306), CM11853 (=1307)

Yoldia intermedia kadonosawaensis Otuka: CM11850 (=1303), CM12883 (=1295a), CM12884 (=1295a), CM12885 (=1303), CM12886 (=1304), Syntypes

Yoldia sagittaria Yokoyama: CM11851 (=1305)

Arca amicula Yokoyama: CM11854 (=1308), CM11855 (=1309), CM11856 (=1310), CM11857 (=1311), CM11858 (=1312)

Arca aff. *trilineata* Conrad: CM11859 (=1313), CM11860 (=1314), CM11861 (= 1315)(missing)

Yoldia sp. 4: CM11862 (=1316)

Arca ninohensis Otuka: CM11864 (=1318), CM11865 (=1320), CM11866 (=1321), CM11867 (=1322)(missing), CM11868 (=1323)(missing), CM11869 (=1324), CM12889 (=1317), CM12890 (=1317), CM12891 (=1317), CM12892 (=1317), CM12893 (=1317), CM12894 (=1318), CM12895 (=1318), CM12896 (=1318), CM12897 (=1318), CM12898 (=1318), CM12899 (=1318), CM12900 (=1318), CM12901 (=1318), CM12902 (=1318), CM12903 (=1318), CM12904 (=1318), CM12905 (=1318), CM12906 (=1318), CM12907 (=1320), CM12908 (=1320), CM12909 (=1320), Paratypes

Ostrea gravitesta Yokoyama: CM11871 (=1326)

Arca sp.: CM11872 (=1327)

Ostrea gigas Thunberg: CM11873 (=1328)

Ostrea rosacea ? Deshayes: CM11874 (=1329), CM11875 (=1330)

Chlamys hastatus aff. *ingeniosa* Yokoyama: CM11876 (=1332)

Chlamys islandicus nisataiensis Otuka: CM11879 (=1335), CM11880 (=1336), CM12912 (=1334), CM12913 (=1334), CM12914 (=1334), Paratypes

Chlamys sp. 1: CM11881 (=1337)

Chlamys sp. 2: CM11882 (=1338)

Chlamys sp. 3: CM11883 (=1339)(missing)

Pallium swiftii etchegoini (Anderson): CM11884 (=1340), CM11885 (=1341), CM11886 (=1342), CM11887 (=1343), CM11888 (=1344), CM11889 (=1345).

Pallium swiftii nutteri (Arnold): CM11890 (=1346), CM11891 (=1347), CM 11892 (=1348)

Otuka, Y. (1934): continued

Patinopecten tokyoensis kimurai (Yokoyama): CM11893 (=1349), CM11894 (=1350), CM11895 (=1351), CM11896 (=1352), CM11897 (=1354)(missing) CM11898 (=1353), CM11899 (=1355), CM11900 (=1356), CM11901 (=1357), CM11902 (=1358), CM11903 (=1359), CM11904 (=1360), CM11905 (=1361), CM11906 (=1362), CM11907 (=1363), CM11908 (=1364), CM11909 (=1365), CM11910 (=1366), CM11911 (=1367), CM11912 (=1368), CM11913 (=1369), CM11914 (=1370), CM11915 (=1371), CM11916 (=1372), CM11917 (=1373), CM11918 (=1374), CM11919 (=1375), CM11928 (=1393), CM11929 (=1394), CM11930 (=1395), CM11931 (=1396), CM11932 (=1397), CM11933 (=1398), CM11934 (=1399), CM11939 (=1404), CM12915 (=1372)

Patinopecten tokyoensis murayamai (Yokoyama): CM11920 (=1376)

Patinopecten healey yamasakii (Yokoyama): CM11921 (=1377), CM11922 (=1378), CM11923 (=1379), CM11924 (=1380), CM11925 (=1381), CM11926 (=1382)

Volsella barbata (Linné): CM11927 (=1383), CM11936 (=1401), CM11937 (=1402)

Chlamys sp.: CM11935 (=1400)

Brachidontes senhausii (Reeve): CM11938 (=1403)

Venericardia ferruginosa (Adams et Reeve): CM11940 (=1405), CM11941 (=1406), CM11942 (=1407), CM11943 (=1408), CM11944 (=1409)

Lucina acutilineata Conrad: CM11945 (=1410), CM11946 (=1411)

Lucina yokoyamai Otuka: CM11948 (=1413), CM11949 (=1414), CM12937 (=1412), CM12938 (=1412), Syntypes

Taras ferruginata (Makiyama): CM11955 (=1420), CM11956 (=1421), CM11958 (=1422), CM11979 (=1444), CM12943 (=1291)(missing)

Cardium (Cerastoderma) shinjiense Yokoyama: CM11957 (=1423), CM11959 (=1424), CM11960 (=1425), CM11961 (=1426), CM11963 (=1428), CM11964 (=1429)(missing), CM11965 (=1430), CM11977 (=1442), CM11980 (=1445)

"Paphia" siratoriensis Otuka: CM11966 (=1431), CM11968 (=1433), CM11969 (=1434), CM11972 (=1437), CM11973 (=1438), CM11974 (=1439), CM11975 (=1440), CM11976 (=1441), CM12944 (=1435), CM12945 (=1435), CM12946 (=1435), CM12947 (=1435), CM12948 (=1435), CM12949 (=1435), CM12950 (=1435), CM12951 (=1435), Syntypes

Clementia (Compsomyax) subdiaphana yazawaensis Otuka: CM11982 (=1477), CM11983 (=1448), CM11984 (=1449), CM11985 (=1450), CM11986 (=1451), CM11987 (=1452), CM11988 (=1453), CM11989 (=1454), CM12952 (=1449), CM12953 (=1450), CM12954 (=1450), CM12955 (=1450), CM12956 (=1453), Syntypes

Macrocallista pacifica (Dillwyn): CM11990 (=1455)

Cyclina sinensis Gmelin: CM11992 (=1457), CM11993 (=1458), CM11994 (=1459)

Dosinia japonica nomurai Otuka: CM11995 (=1460), CM11997 (=1462), CM11999 (=1464), CM12000 (=1465), CM12001 (=1466), CM12002 (=1467), CM12030 (=1498), CM12031 (=1499), CM12960 (=1463b), CM12961 (=1463b), CM12962 (=1463b), CM12963 (=1464), CM12964 (=1464), CM12965 (=1464), CM12966

Otuka, Y. (1934): continued

(=1466), CM12967 (=1496), CM12968 (=1498), CM12969 (=1499), Syntypes

Dosinia sp.: CM12003 (=1468)

Tellina nitidula Dunker: CM12004 (=1469)

Dosinia japonica Reeve: CM12005 (=1471), CM12007 (=1473)

Dosinia nagaii Otuka: CM12006 (=1472), Paratype.

Macoma optiva (Yokoyama): CM12009 (=1478), CM12010 (=1476), CM12011 (=1477), CM12012 (=1475), CM12013 (=1479), CM12014 (=1480), CM12015 (=1481), CM12016 (=1482), CM12017 (=1483), CM12018 (=1484)

Macoma tokyoensis Makiyama: CM12019 (=1485), CM12020 (=1486), CM12021 (=1487)

Solen sp.: CM12022 (=1488), CM12023 (=1489)

Cultellus izumoensis Yokoyama: CM12024 (=1490), CM12025 (=1491), CM12026 (=1492), CM12122 (=1494), CM12123 (=1493)

Sanguinolaria (Soletellina) minoensis (Yokoyama): CM12028 (=1496), CM12029 (=1497), CM12049 (=1521)

Mactra ? sp.: CM12032 (=1521)

Spisula ? sp.: CM12033 (=1501)

Cryptomya bussoensis Yokoyama: CM12035 (=1507)

Aloides erythrodon nisataiensis Otuka: CM12038 (=1510), CM12971 (=1509), CM12972 (=1509), CM12973 (=1509), CM12974 (=1509), CM12975 (=1509), CM12976 (=1509), CM12977 (=1509), CM12978 (=1510), CM12979 (=1510), Syntypes.

Panope japonica A. Adams: CM12039 (=1511), CM12040 (=1512), CM12041 (=1513) (missing), CM12042 (=1514), CM12043 (=1515), CM12044 (=1516), CM12045 (=1517), CM12046 (=1518), CM12047 (=1519), CM12048 (=1520), CM12050 (=1522)

"Panomya" simotomensis Otuka: CM12051 (=1523), Paratype.

Acmaea sp. 1: CM12054 (=1526)

Turritella fortilirata kadonosawaensis Otuka: CM12057 (=1534), CM12058 (=1535), CM12981 (=1533), Syntypes

Batillaria atukoae Otuka: CM12063 (=1540), Paratype

Crepidula nidatoriensis Otuka: CM12068 (=1549), Syntype

Crepidula isimotoi Otuka: CM12081 (=1563), CM12994 (=1550), Syntypes

Polinices fissurata (Kuroda): CM12070 (=1552), CM12071 (=1553), CM12072 (=1554), CM12073 (=1555), CM12074 (=1556)

Polinices (Euspira) meisensis Makiyama: CM12077 (=1559), CM12078 (=1560)

Sinum yabei Otuka: CM12079 (=1561), Holotype, CM12082 (=1564), CM12995 (=1562), CM12996 (=1562), Paratypes

Otuka, Y. (1934): continued

Surculites kurodai Otuka: CM12084 (=1565)(missing), Paratype

Tritonalia sp. 1: CM12087 (=1569)

"Trophon" nakamurai Otuka: CM12088 (=1570), CM12999 (=1568), CM13000 (=1568), Syntypes

Chrysodomus modestus Kuroda: CM12089 (=1571), CM12090 (=1572)

Ancistrolepis yudaensis Otuka: CM12092 (=1574)(missing), CM12093 (=1575), CM13001 (=1575), Syntypes

Nassarius (Zeuxis) kometubus Otuka: CM12095 (=1577), CM13006 (=1588), CM13007 (=1588), Syntypes.

Fusinus sp. 1: CM12096 (=1578)(missing)

Fulgoraria (Fulgoraria) rupestris (Gmelin): CM12098 (=1580)(missing)

Cancellaria spengleriana Deshayes: CM12099 (=1581)

Polinices didyma (Bolten): CM12101 (=1583)

Cylichna sp.: CM12103 (=1587)

Dentalium (Antalis) sp.: CM12106 (=1590), CM12107 (=1591)

Coptothyris grayi aomoriensis Hayasaka: CB12109 (=1591), CB12110 (=1595) (missing), CB12111 (=1596)(missing), CB12112 (=1597), CB12113 (=1598) (missing)

Hemithyris psittaceae woodwardi Adams: CB12114 (=1599), CB12115 (=1600), CB12116 (=1601)(missing)

Magellania lenticularis innaiensis Hayasaka: CB12117 (=1603)

Terebratalia ? sp. 1: CB12118 (=1604)

Magellania sp. 1: CB12119 (=1606)(missing)

Laqueus rubellus Sowerby: CB12120 (=1605)(missing)

Yoldia sp. 3: CM12887 (missing)

Venericardia ferruginea (Adams): CM12916, CM12917, CM12918, CM12919, CM 12920, CM12921, (all missing)

Lucina k-hataii Otuka: CM12922 (=1417), CM12923 (=1417), CM12924 (=1417), CM12925 (=1417), CM12926 (=1417), CM12927 (=1417), CM12928 (=1417), CM 12929 (=1417), CM12930 (=1417), CM12931 (=1417), CM12932 (=1417), CM 12933 (=1417), CM12934 (=1417), CM12935 (=1417), Syntypes

Pillucina pisidium nisataiensis Otuka: CM12939 (=1415), CM12940 (=1415), CM12941 (=1415), Syntypes

Pitar yabei Otuka: CM12957 (=1456), CM12958 (=1456), CM12959 (=1456), Syntypes

Turritella andenensis Otuka: CM12987 (=1532), Syntype.

Nassarius (Hinia) simizui Otuka: CM13003 (=1576), CM13004 (=1576), CM 13005 (=1576), Syntypes

Otuka, Y. (1934): continued

Conus tokunagai Otuka: CM12008 (=1593), Syntype

Otuka, Y. (1935a:) Stratigraphy of the northern part of the Oti graben, Isikawa Prefecture. *Jour. Geol. Soc. Japan,* vol.42, no.503, pp.483-510, Text-figs.1-3, pl.14. [in Japanese]

CM12394. (= 1924) *Epitonium (Boreoscala) angulatosimile* Otuka, p.509, fig.3d, Holotype.

CM13434. (= 1915) *Chrysodomus uwasoensis* Otuka, p.510, fig.3g, "Monotype" [to be Holotype].

CM12625. (= 1925) *Epitonium (Boreoscala) angulotosimile* Otuka, p.509, fig.3f, Paratype.

CM12630. (= 2528) *Nuculana onoyamai* Otuka, p.507, fig.3b, Holotype.

CM12645. (= 2141) *Epitonium (Boreoscala) angulatosimile* Otuka, p.509, fig.3e, Paratype.

CM12649. (= 2528) *Nuculana onoyamai* Otuka, p.507, fig.3c, Paratype.

The following specimens, though not illustrated, were also treated in this paper.

Turritella fortilirata motidukii Otuka: CM12361 [number of original specimens not mentioned] (missing)

Epitonium (Boreoscala) angulatosimile Otuka: CM12624 (=2141), Paratype

Chrysodomus uwasoensis Otuka: CM12650 (=1915), Paratype

Otuka, Y. (1935b): The Oti graben in southern Noto peninsula, Japan. (Part 3). *Bull. Earthquake Res. Inst., Tokyo Imp. Univ.,* vol.13, pt.4, pp.846-909, pls.53-57, text-figs.220-226.

CM12327. (= 2076) *Emarginula crassicostata* Sowerby, p.846, pl.53, fig. 21a,b.

CM12328. (= 2024) *Puncturella nobilis* (A. Adams), p.846, pl.53, fig.23'a, b.

CM12329. (= 2026) *Puncturella hirasei* Otuka, p.847, pl.53, fig.22a-c, "Monotype" [to be Holotype].

CM12330. (= 2077) *Diodora sieboldii* (Reeve), p.847, pl.53, fig.24.

CM12331. (= 2078) *Patelloida saccharina* (Linné), p.848, pl.53, fig.25.

CM12333. (= 2079) *Patelloida conulus* (Dunker), p.848, pl.53, fig.26a,b.

CM12334. (= 2081) *Euchelus foveolatus* (A. Adams), p.848, pl.53, fig.27a-c.

Otuka, Y. (1935b): continued

CM12336. (= 2086) *Tegula (Chlorostoma) rustica* (Gmelin), p.849, pl.53, pl.53, fig.28a,b.

CM12337a, (= 2028) *Umbonium (Suchium) akitanum* Suzuki, p.849, pl.54, fig. 62.

CM12337b. (= 2028) *Umbonium (Suchium) akitanum* Suzuki, p.849, pl.54, fig. 63.

CM12338. (= 2384) *Skenea nipponica ?* Yokoyama, p.850, pl.54, fig.93a-c. (missing)

CM12339. (= 2043) *Homalopoma amussitata* (Gould), p.850, pl.54, fig.61.

CM12343. (= 2088) *Astraea (Calcar) haematraga* (Menke), p.850, pl.53, fig. 40a,b.

CM12347. (= 2094) *Amphithalamus yendoi* (Yokoyama), p.851, pl.54, fig.86a, b.

CM12348. (= 2096) *Amphithalamus ? tumukiensis* Otuka, p.852, text-fig.221, Holotype.

CM12353. (= 2095) *Rissoina (Rissoina) laevicostulata* Pilsbry, p.853, pl. 53, fig.29a,b.

CM12358. *Tachyrhynchus ?* sp., p.855, pl.54, fig.87. (missing)

CM12359. (= 2098) *Turritella fascialis* Menke, p.855, pl.53, fig.51.

CM12361. *Turritella fortilirata motidukii* Otuka, p.856, pl.54, fig.53. (missing)

CM12363. (= 2111) *Siliquaria cumingii* (Mörch), p.856, pl.53, fig.49.

CM12364. (= 2112) *Batillaria multiformis* (Lischke), p.856, pl.54, fig. 79.

CM12367. (= 2114) *Obtortio orientalis* (Yokoyama), p.857, pl.54, fig.91a, b.

CM12371. (= 2116) *Obtortio perpupoides* (Yokoyama), p.857, pl.53, fig.31.

CM12375. (= 2122) *Diala varia* A. Adams, p.857, pl.54, fig.80.

CM12383. (= 2132) *Cerithium (Proclava) kochi* (Philippi), p.858, pl.54, fig.78.

CM12385. (= 2133) *Gourmya (Contumax) sordidula* (Gould), p.858, pl.53, fig.41a,b.

CM12386. (= 2134) *Gourmya (Contumax) kobelti* (Dunker), p.859, pl.53, fig. 42.

CM12392. (= 2137) *Triphora* aff. *purpurata* (Pilsbry), p.859, pl.53, fig. 33.

CM12394. (= 1924) *Epitonium (Boreoscala) angulatosimile* Otuka, p.860, pl.53, fig.46a,b, Holotype.

Otuka, Y. (1935b): continued

CM12395. (= 2143) *Strombiformis (Leiostraca) shibana* (Yokoyama), p.860, pl.54, figs.70,71.

CM12396. (= 2153) *Pyrgulina densecostulata* (Garrett), p.862, pl.54, fig. 96.

CM12399. (= 2148) *Menestho* sp., p.862, pl.54, fig.98.

CM12401. (= 2154) *Odostomia limpida* Dall et Bartsch, p.863, pl.54, fig. 59.

CM12403. (= 2157) *Cingulina triarata* Pilsbry, p.863, pl.54, fig.100.

CM12404a. (= 2158) *Turbonilla* aff. *imbana* Yokoyama, p.863, pl.54, figs. 66,67.

CM12404b. (= 2158) *Turbonilla* aff. *imbana* Yokoyama, p.863, pl.54, figs. 68,69.

CM12407a. (= 2159) *Turbonilla (Strioturbonilla) nihona* Otuka, p.863, text-figs.222,223, Holotype.

CM12408. (= 2162) *Turbonilla (Pyrgiscus) matunamiensis* Otuka, p.864, text-figs.224, "Monotype" [to be Holotype].

CM12412. (= 2167) *Turbonilla hiradokoensis* Otuka, p.865, pl.54, fig.90a, b, "Monotype" [to be Holotype].

CM12416. (= 2168) *Strombus (Labiostrombus) japonicus* Reeve, p.866, pl.54, fig.99.

CM12418. (= 2172) *Polynices sagamiensis* Pilsbry, p.866, pl.53, fig.36. (missing)

CM12420. (= 2176) *Sinum (Eunaticina) papillum* (Gmelin), p.867, pl.54, fig. 64.

CM12421. (= 2177) *Erato callosa* (Adams et Reeve), p.867, pl.54, fig.(without number).

CM12422. (= 2178) *Erronea japonica* (Schilder), p.868, pl.54, fig.52a,b.

CM12423. (= 2179) *Bursa (Gyrineum) natatoria* ("Bolten" Röding), p.868, pl.53, fig.50a,b.

CM12427. (= 2184) *Thais (Mancinella) bronni* (Dunker), p.868, pl.54, fig. 77.

CM12428. (= 2187) *Pyrene (Mitrella) varians* (Dunker), p.868, pl.54, fig. 82a,b.

CM12431. (= 2189) *Pyrene (Zafra) pumila* (Dunker), p.869, pl.54, fig.76a, b.

CM12434. (= 1915) *Neptunea uwasoensis* (Otuka), p.869, pl.54, fig.75, Holotype.

CM12438. (= 2194) *Nassarius (Hinia) destivus* (Powys), p.870, pl.53, fig. 39a,b.

Otuka, Y. (1935b): continued

CM12440. (= 2196) *Nassarius (Tritonella) japonicus* (A. Adams), p.870, pl.53, fig.37.

CM12442. (= 2198) *Nassarius (Akectrion) balteatus* (Lischke), p.870, pl.53, fig.35a,b.

CM12443. (= 2199) *Nassarius (Zeuxis) caelatus* (A. Adams), p.871, pl.53, fig.44.

CM12444. (= 2200) *Nassarius (Niotha) gemmularus* (Lamarck), p.871, pl.53, fig.43a,b.

CM12445. (= 2201) *Nassarius (Niotha) livescens* (Philippi), p.872, pl.53, fig.38.

CM12446. (= 2202) *Nassarius (Niotha) livescens* (Philippi), p.872, pl.53, fig.74.

CM12447. (= 2204) *Fusinus perplexus* (A. Adams), p.872, pl.54, fig.81.

CM12448. (= 2205) *Oliva mustelina* Lamarck, p.872, pl.54, fig.60.

CM12451. (= 2208) *Clavatula consimilis* (Smith), p.872, pl.54, fig.103a-c.

CM12454. (= 2207) *Asthenotoma yokoyamai notoensis* Otuka, p.873, pl.54, fig.101, Holotype.

RM12455. (= 2499) *Asthenotoma komakimonos* Otuka, p.874, text-fig.225, Holotype. (missing)

CM12456. (= 2330) *Mangelia makiyamai* Otuka, p.874, pl.54, fig.94a,b, Holotype.

CM12457. (= 2329) *Mangelia makiyamai* Otuka, p.874, pl.54, fig.95, Paratype.

CM12458. (= 2331) *Philbertia tincta* (Reeve), p.875, pl.54, fig.83a,b.

CM12460. (= 2334) *Asperdaphne subzonata* (Smith), p.876, pl.54, fig.104a, b. (missing)

CM12462. (= 2382) *Pseudorhaphitoma ?* sp., p.877, pl.54, fig.97a,b.

CM12464. (= 2337) *Ringicula (Ringiculella) doliaris* Gould, p.878, pl.54, fig.65.

CM12467. *Solidula strigosa* (Gould), p.878, pl.54, fig.54. (missing)

CM12468. (= 2342) *Acteocina exilis* (Dunker), p.878, pl.54, fig.56a,b.

CM12469. (= 2341) *Retusa minima* Yamakawa, p.879, pl.54, fig.55.

CM12471. (= 2344) *Rhizorus artiaperta* (Yamakawa), p.879, pl.54, fig.57.

CM12472. (= 2343) *Rhizorus artiaperta* (Yamakawa), p.879, pl.54, fig.58.

CM12477. (= 2399) *Dentalium (Dentalium) hexagonum* Gould, p.879, pl.54, fig.88.

CM12479. (= 2400) *Dentalium (Antalis) motidukii* Otuka, p.879, pl.54, fig. 89, "Monotype" [to be Holotype].

Otuka, Y. (1935b): continued

CM12486. (= 2385) *Navicula ocellata* (Reeve), p.882, pl.55, figs.109,110.

CM12490. (= 2389) *Barbatia obtusoides* (Nyst), p.883, pl.57, figs.197,198.

CM12493. (= 2391) *Barbatia symmetrica* (Reeve), p.883, pl.55, fig.107a,b.

CM12494. (= 2410) *Barbatia reticulata* (Gmelin), p.883, pl.55, fig.111a,b.

CM12496. (= 2390) *Barbatia decussata* (Sowerby), p.884, pl.55, fig.118.

CM12500. (= 2392) *"Bathyarca" uwaensis* (Yokoyama), p.884, pl.55, figs.114,115.

CM12501. (= 2419) *Trichomusculus divaricatus* (Philippi), p.884, pl.55, figs.116, 117.

CM12510. (= 2020) *Chlamys swiftii etchegoini* (Anderson), p.886, pl.55, fig.140.

CM12512. (= 1904) *Chlamys crassivenia* (Yokoyama), p.886, pl.55, fig.137. (missing)

CM12513. (= 1905) *Chlamys crassivenia* (Yokoyama), p.886, pl.55, fig.139. (missing)

CM12515. (= 1912) *Chlamys crassivenia* (Yokoyama), p.886, pl.55, fig.141. (missing)

CM12522. (= 1923) *Chlamys* sp., p.887, pl.55, fig.143. (missing)

CM12526. (= 2030) *Patinopecten tokyoensis kimurai* (Yokoyama), p.887, pl. 57, fig.212.

CM12528a.(= 1138) *Patinopecten kagamianus* (Yokoyama), p.888, pl.55, fig. 138. (missing)

CM12528b.(= 1138) *Patinopecten kagamianus* (Yokoyama), p.888, pl.55, fig. 144. (missing)

CM12530. (= 2436) *Spondylus cruentus* Lischke, p.888, pl.55, fig.129.

CM12531. (= 2438) *Lima lischkei* Lamy, p.888, pl.55, figs.132,133.

CM12533. (= 2440) *Lima basilanica* Adams et Reeve, p.888, pl.55, figs.130, 131.

CM12534. (= 2017) *Limatula subauriculata* (Montagu), p.889, pl.55, figs. 121, 122.

CM12535. (= 2505) *Crassatellites nanus* (Adams et Reeve), p.889, pl.56, figs.146,147.

CM12536. (= 2441) *Trapezium japonica* Pilsbry, p.889, pl.57, figs.202,203.

CM12537a.(= 2027) *Astarte hakodatensis* Yokoyama, p.889, pl.56, fig.148.

CM12537b.(= 2027) *Astarte hakodatensis* Yokoyama, p.889, pl.56, fig.149.

CM12537c.(= 2027) *Astarte hakodatensis* Yokoyama, p.889, pl.56, fig.150.

CM12538. (= 2023) *Astarte alaskensis* Dall, p.890, pl.57, fig.195.

CM12539. (= 2443) *Cardita cumingiana* Dunker, p.890, pl.56, fig.157a,b.

Otuka, Y. (1935b): continued

CM12542. (= 2031) *Venericardia ferruginosa* (Adams et Reeve), p.890, pl.57, figs.210,211.

CM12543. (= 2032) *Venericardia ferruginea* (Adams et Reeve), p.890, pl.56, fig.174a,b.

CM12545. (= 2034) *Corbicula* sp., p.891, pl.57, fig.196.

CM12546a. (= 2446) *Basterotia gouldii* (A. Adams), p.891, pl.55, figs.125, 126.

CM12546b. (= 2446) *Basterotia gouldii* (A. Adams), p.891, pl.55, figs.127, 128.

CM12547. *Thyasira nipponica* Yabe et Nomura, p.891, pl.57, fig.194. (missing)

CM12549a. (= 2448) *Taras lunaris* (Yokoyama), p.891, pl.56, fig.167a,b.

CM12549b. (= 2448) *Taras lunaris* (Yokoyama), p.891, pl.56, figs.175,176.

CM12551. (= 2450) *Pillucina pisidium* (Dunker), p.892, pl.57, fig.200a,b.

CM12553. (= 2452) *"Lucina" contraria* Dunker, p.892, pl.57, figs.190,191.

CM12554. (= 2453) *Anodontia bialata* (Pilsbry), p.892, pl.56, fig.153,154.

CM12557. (= 2456) *Codakia divergens* (Pilsbry), p.892, pl.56, figs.177, 178.

CM12559. (= 2458) *Kellya notoensis* Yokoyama, p.893, pl.56, fig.163.

CM12560. (= 2463) *Scintilla nipponica* Yokoyama, p.893, pl.56, fig.182a,b.

CM12561. (= 2464) *"Jousseaumiella" arassa* (Yokoyama), p.893, pl.57, figs. 207,208.

CM12562. (= 2465) *Mysella oblongata* (Yokoyama), p.893, pl.57, figs.213, 214.

CM12565. (= 2467) *Chama aspersa* Reeve, p.893, pl.55, figs.123,124. (missing)

CM12566. (= 2468) *Chama aspersa* Reeve, p.893, pl.55, figs.119,120.

CM12568. (= 2470) *Papyridea (Fulvia) muticum* (Reeve), p.893, pl.56, fig. 160,165.

CM12571a. (= 2472) *Papyridea (Fulvia) hungerfordi* (Sowerby), p.894, pl.56, figs.155,156.

CM12571b. (= 2472) *Papyridea (Fulvia) hungerfordi* (Sowerby), p.894, pl.56, figs.164,166.

CM12573. (= 2475) *Corculum (Fragum) ebaranum* Yokoyama, p.894, pl.56, figs. 170,171.

CM12574. (= 2474) *Gafrarium divaricatum* (Gmelin), p.894, pl.56, fig.179.

CM12577. (= 2475) *Gafrarium (Circe) scriptum stutzeri* (Donovan), p.894, pl.56, fig.180.

Otuka, Y. (1935b): continued

CM12579. (= 2477) *Pitar lineolata* Sowerby, p.895, pl.56, figs.158,159.

CM12583. (= 2489) *Callista pacifica* (Dillwyn), p.895, pl.56, fig.181.

CM12590. (= 2494) *Paphia euglypta* (Philippi), p.896, pl.56, figs.172,173.

CM12592. (= 2495) *Paphia (Paratapes) undulata* (Born), p.896, pl.56, figs. 168,169.

CM12593. (= 2496) *Petricola japonica* Dunker, p.896, pl.57, figs.188,189.

CM12598. (= 2500) *Macoma (Pseudometis) praerupta* Salisbury, p.897, pl.56, figs.161,162.

CM12602. (= 2508) *Macoma (Psammacoma) awajiensis* Sowerby, p.897, pl.57, fig.193.

CM12603. (= 2509) *Macoma (Psammacoma) awajiensis* Sowerby, p.897, pl.57, fig.192.

CM12604. (= 2507) *Merisca diaphana* Deshayes, p.898, pl.56, figs.151,152.

CM12608. (= 2579) *Arcopagia (Pinguitellina) kurodai* Otuka, p.899, pl.57, figs.185-187, text-fig.226, Holotype. (missing)

CM12613a.(= 2514) *Aloides substriatus* (Yokoyama), p.899, pl.57, fig.204.

CM12613b.(= 2514) *Aloides substriatus* (Yokoyama), p.899, pl.57, fig.205.

CM12613c.(= 2514) *Aloides substriatus* (Yokoyama), p.899, pl.57, fig.206.

CM12618. (= 2520) *Barnea fragilis* (Sowerby), p.900, pl.57, fig.201.

CM12619. (= 2521) *Martesia striata* (Linné), p.900, pl.57, figs.183,184.

CM12620. (= 2040) *Myadora fluctuosa* (Gould), p.901, pl.57, fig.209.

RM12622. (= 855) *Pseudorhaphitoma naganumaensis* Otuka, p.876, pl.54, fig. 102a,b, Holotype.

CM12624. (= 2141) *Epitonium (Boreoscala) angulatosimile* Otuka, p.860, pl. 53, fig.47, Paratype.

CM12625. (= 1925) *Epitonium (Boreoscala) angulatosimile* Otuka, p.860, pl. 53, fig.45, Paratype.

CM12629. (= 2025) *Puncturella nobilis* (A. Adams), p.846, pl.53, fig.23a-c.

CM12630. (= 2528) *Nuculana onoyamai* Otuka, p.881, pl.55, fig.105, Holotype.

CM12631. (= 2402) *Limopsis multistriata* (Forskål), p.881, pl.55, fig.113a, b.

CM12633a.(= 2173) *Natica concinna* Dunker, p.867, pl.53, fig.32.

CM12634. (= 2089) *Iravadia annulata* (Dunker), p.851, pl.53, fig.34, text-fig.220.

CM12637. (= 2144) *Chrysallida (Miralda) gemma* A. Adams, p.861, pl.54, fig. 84.

Otuka, Y. (1935b): continued

CM12638. (= 2145) *Chrysallida (Babella) caelata* (A. Adams), p.861, pl.54, fig.85.

CM12643. (= 2181) *Trophon (Bedeva) birileffi* Lischke, p.868, pl.53, fig. 30a,b.

CM12645. (= 2141) *Epitonium (Boreoscala) angulatosimile* Otuka, p.860, pl. 53, fig.48, Paratype.

CM12649. (= 2258) *Nuculana onoyamai* Otuka, p.881, pl.55, fig.106, Paratype.

The following specimens, though not illustrated, were also treated in this paper.

Patelloida conulus (Dunker): CM12332 (=2080)

Solariella aff. *angulata* (Tokunaga): CM12335 (=2082)

Turbo (Lunella) coronatus coreensis Récluz: CM12340 (=2084), CM12341 (=2053)(missing), CM12342 (=2085)

Astraea (Calcar) haematraga (Menke): CM12344 (=2087)

Iravadia annulata (Dunker): CM12345 (=2090)

Cingula (Pseudosetia) paludinoides (Yokoyama): CM12346 (=2156)

Alvania concinna A. Adams: CM12349 (=2092), CM12350 (=2091)

Rissoina (Phosinella) media Schwartz: CM12351 (=2093)

Rissoina (Rissoina) laevicostulata Pilsbry: CM12352 (=2094), CM12354 (=2096), CM12355 (=2324)(missing)

Pseudoliotia micans (A. Adams): CM12356 (=2097)

Tachyrhynchus venustellus (Yokoyama): CM12357 (=2045)

Turritella fortilirata saishuensis Yokoyama: CM12360 (missing)

Lemintina imbricata (Dunker): CM12362 (=2109)

Obtortio septentrionalis (Tokunaga): CM12365 (=2119), CM12652 (missing)

Obtortio orientalis (Yokoyama): CM12366 (=2113), CM12368 (=2115)

Obtortio perpupoides (Yokoyama): CM12369 (=2118), CM12370 (=2117)

Scaliola bella A. Adams: CM12372 (=2121), CM12373 (=2120), CM12374 (=2123)

Diala varia A. Adams: CM12376 (=2124), CM12377 (=2125)

Bittium numamuranum Yokoyama: CM12378 (=2127), CM12379 (=2126)

Bittium satomii (Yokoyama): CM12380 (=2130), CM12381 (=2129), CM12382 (=2128)

Cerithium (Proclava) kochi (Philippi): CM12384 (=2131), CM12653 (missing)

Gourmya (Contumax) kobelti (Dunker): CM12387 (=2135), CM12655 (missing)

Triphora (Inella) tricincta (Dunker): CM12388 (=2142), CM12389 (=2136), CM12656 (missing)

Otuka, Y. (1935b): continued

Triphora aff. *purpurata* (Pilsbry): CM12390 (=2138), CM12391 (=2139)

Epitonium (Turbiniscala) sp.: CM12393 (=2140)

Pyrgulina densecostulata (Garrett): CM12397 (=2151), CM12398 (=2152)

Menestho lectissimoides (Yokoyama): CM12400 (=2149)

Odostomia limpida Dall et Bartsch: CM12402 (=2155)

Turbonilla (Strioturbonilla) nihona Otuka: CM12405 (=2161), CM12406 (=2160), CM12407b (=2159), Paratypes

Turbonilla sp.: CM12409 (=2163)

Turbonilla (Pyrgiscus) sp.: CM12410 (=2164)

Turbonilla (Mormula) sp.: CM12411 (=2165)

Syrnola cinctella ? A. Adams: CM12413 (=2166)

Strombus (Labiostrombus) japonicus Reeve: CM12412 (=2170), CM12415 (=2169)

Polynices didyma (Bolten): CM12417 (=2171)

Natica concinna Dunker: CM12419 (=2175), CM12632 (=2184)(missing), CM12633b (=2173), CM12633c (=2173)

Trophon (Bedeva) birileffi Lischke: CM12424 (=2180), CM12644 (=2182)

Thais (Mancinella) bronni (Dunker): CM12425 (=2182), CM12426 (=2185), CM12646 (=2060)

Pyrene (Mitrella) varians (Dunker): CM12429 (=2186), CM12430 (=2188)

Pyrene (Zafra) pumila (Dunker): CM12432 (=2190), CM12433 (=2191), CM13009 (missing)

Siphonalia sp.: CM12435 (=2192)

Engina menkeana (Dunker): CM12436 (=2193)

Nassarius (Hinia) festivus (Powys): CM12437 (=2203), CM12439 (=2195)

Nassarius (Tritonella) japonicus (A. Adams): CM12441 (=2197)

Mitra sp.: CM12449 (=2206)

Cancellaria (Narona) spengleriana Deshayes: CM12450 (=2207), CM12647 (=2054)

Antiplanes kamchatica Dall: CM12352 (=2021)

Brachytoma jeffreysii Smith: CM12453 (=2206)

Philbertia tincta (Reeve): CM12459 (=2333)(missing)

Pseudorhaphitoma naganumaensis Otuka: CM12461 (=2333), RM12623 (=855), CM12641 (=552), CM12642 (=552), CM13014, Paratypes

Terebra (Punctoterebra) lischkeana Dunker: CM12463 (=2336)

Ringicula (Ringiculella) doliaris Gould: CM12465 (=2338)

Otuka, Y. (1935b): continued

Ringicula (Ringiculella) aff. *yokoyamai* Takeyama: CM12466 (=2339), CM13015 (missing)

Retusa minima Yamakawa: CM12470 (=2340), CM13017 (missing)

Cylichna yamakawai Yokoyama: CM12473 (=2346), CM12474 (=2345), CM13018 (missing)

Philine japonica Lischke: CM12475 (=2455)

Dentalium (Dentalium) hexagonum Gould: CM12476 (=2398), CM12478 (=2398)

Siphonodentalium (Pulsellum) ozawai Yokoyama: CM12480 (=2401)

Nucula sp.: CM12481 (=2384)

Acila divaricata (Hinds): CM12482 (missing)

Limopsis tokaiensis Yokoyama: CM12483 (=2035)

Glycymeris rotunda (Dunker): CM12484 (=2045)

Navicula ocellata (Reeve): CM12485 (=2386), CM12487 (=2403)

Navicula boucardi (Jousseaume): CM12488 (=2396), CM12489 (=2019)

Barbatia stearnsi (Pilsbry): CM12491 (=2388), CM12492 (=2408)

Barbatia decussata (Sowerby): CM12495 (=2387)

Arca subcrenata Lischke: CM12497 (=2394)

Arca inflata Reeve: CM12498 (=2395)

Arca amicula Yokoyama: CM12499 (=2029)

Trichomusculus divaricatus (Philippi): CM12502 (=2420)

Anomia sp.: CM12503 (=2041)

Ostrea denselamellosa Lischke: CM12504 (=2421)

Ostrea gigas Thunberg: CM12505 (=2422)

Ostrea sp.: CM12506 (=2042)

Plicatula horrida Dunker: CM12507 (=2423)

Pseudamussium intuscostatum (Yokoyama): CM12508 (=2018)

Chlamys irregularis (Sowerby): CM12509 (=2424)

Chlamys hastatus aff. *ingeniosa* Yokoyama: CM12511 (=1137)

Chlamys crassivenia (Yokoyama): CM12514 (=1906), CM12516 (=1913)

Chlamys notoensis (Yokoyama): CM12517 (misssing)

Chlamys nipponensis Kuroda: CM12518, CM12519 (=2425), CM12520 (=2052), CM12521 (=2033)

Pecten laqueatus Sowerby: CM12523 (=2433), CM12524 (=2434), CM12525 (=2435)

Patinopecten plebejus (Yokoyama): CM12527 (=2037)

Otuka, Y. (1935b): continued

Spondylus cruentus Lischke: CM12529 (=2437)

Lima lischkei Lamy: CM12532 (=2439)

Cardita cumingiana Dunker: CM12540 (=2444), CM12541 (=2445)

Venericardia nakamurai Yokoyama: CM12544 (=2016)

Thyasira yabei Kuroda: CM12548 (=2447)

Lucina (Lucinoma) acutilineata Conrad: CM12550 (=2449)

Pillucina pisidium (Dunker): CM12552 (=2451), CM13023 (missing)

Anodontia bialata (Pilsbry): CM12555 (=2454), CM12566 (=2056)

Codakia divergens (Philippi): CM12558 (=2473), CM12627 (=2457)

Chama aspersa Reeve: CM12563 (=2061), CM12564 (=2466)

Papyridea (Fulvia) muticum (Reeve): CM12567 (=2469), CM12569 (=2471), CM12570 (=2057)

Cardium sp.: CM12572 (=2038)

Gafrarium divaricatum (Gmelin): CM12575 (=2047)

Gafrarium (Circe) scriptum stutzeri (Donovan): CM12576 (=2048)

Saxidomus purpuratus (Sowerby): CM12578 (=2050)

Pitar lineolata Sowerby: CM12580 (=2478), CM12581 (=2479), CM13024 (missing)

Callista pacifica (Dillwyn): CM12582 (=2488)

Meretrix meretrix (Linné): CM12584 (=2490)

Dosinia japonica Reeve: CM12585 (=2049), CM12586 (=2491)

Protothaca jedoensis (Lischke): CM12587 (=]046), CM12588 (=2492), CM12589 (=2493)

Paphia sp.: CM12591 (missing)

Raeta pulchella (Adams et Reeve): CM12594 (missing)

Lutraria arcuata Reeve: CM12595 (=2503)

Sanguinolaria (Nuttallia) olivacea (Jay): CM12596 (=2504)

Theora lubrica Gould: CM12597 (=2523), CM13026 (missing)

Macoma tokyoensis Makiyama: CM12599 (=2501), CM12600 (=2502), CM12601 (=2039)

Angulus (Fabulina) iridella (v. Martens): CM12605 (=2506)

Angulus (Fabulina) miyatensis (Yokoyama): CM12606 (=2534)

Angulus (Peronidia) salmonea (Carpenter): CM12607 (=2036)

Solen sp.: CM12609 (=2511)

Otuka, Y. (1935b): continued

Aloidis venustus (Gould): CM12610 (=2512), CM12611 (=2513), CM12612 (=2022)

Cryptomya busoensis Yokoyama: CM12614 (=2518)

Mya arenaria Linné: CM12615 (=2519), CM12616 (=2151)

Barnea japonica (Yokoyama): CM12617 (=2522)

Thracia transmontana (Yokoyama): CM12621 (=2015)

Chlamys swiftii etchegoini (Anderson): CM12626

Corculum (Fragum) ebaranum Yokoyama: CM12628 (=2476)

Turritella fascialis Menke: CM12635 (=2098)

Lemintina imbricata (Dunker): CM12636 (=2110), CM12648 (=2055)

Barbatia symmetrica (Reeve): CM12639 (=2409), CM13019 (missing)

Limopsis multistriata (Forskål): CM12640 (=2402)

Neptunea uwasoensis (Otuka): CM12650 (=1915), Paratype

Skenea nipponica ? Yokoyama: CM12651 (missing)

Gourmya (Contumax) sordidula (Gould): CM12654 (missing)

Mangelia makiyamai Otuka: CM13010 (=2330), CM13011 (=2330), CM13012 (=2330), CM13013 (=2330), Paratypes

Solidula strigosa (Gould): CM13016 (missing)

Lima basilanica Adams et Reeve: CM13020 (missing)

Thyasira nipponica Yabe et Nomura: CM13021 (missing), CM13022 (missing)

Petricola japonica Dunker: CM13025 (missing)

Otuka, Y. (1935c): Serripes in Japan. *Jour. Geol. Soc. Japan,* vol.42, no.504, pp.601-604, pls.15,16.

RM13027. (= 1663) *Serripes laperousii* (Deshayes), p.602, pl.2, figs.1,2.

RM13028. (= 394) *Serripes notabilis* Sowerby, p.602, pl.1, figs.9,10.

CM13029. (= 2531) *Serripes yokoyamai* Otuka, p.603, pl.2, figs.3,4, Holotype.

CM13030. (= 2532) *Serripes yokoyamai* Otuka, p.603, pl.2, figs.5,6, Paratype.

The following specimens, though not illustrated, were also treated in this paper.

Serripes fujinensis (Yokoyama): CM24557 (see also Yokoyama, 1923c)

Serripes pauperculus (Yokoyama): CM24574, CM24575, CM24576, CM24577, CM24578, CM24579 (see also Yokoyama, 1923c)

Otuka, Y. (1936a): Pliocene Mollusca from Manganzi in Kotomo-mura, Akita Pref., Japan. *Jour. Geol. Soc. Japan,* vol.43, no.516, pp.726-736, pls. 41,42.

RM12771. (= 1096) *Nucula (Nucula) niponica* Smith, p.727, pl.41, fig.1a,b.

CM12772. (= 3084) *Nucula (Nucula) niponica* Smith, p.727, pl.41, fig.2.

CM12773. (= 1017) *Yoldia (Cnesterium) keppeliana notabilis* Yokoyama, p.728, pl.41, fig.5. (missing)

CM12774. (= 3078) *Yoldia (Cnesterium) keppeliana notabilis* Yokoyama, p.728, pl.41, fig.4. (missing)

CM12775. (= 1089) *Anadara satowi ommaensis* Otuka, p.729, pl.41, figs.3, 8a,b, Holotype.

CM12778. *Mercenaria yokoyamai* (Makiyama), p.731, pl.41, fig.6a,b.

CM12780. (= 3099) *Pandora (Kennerlia) pulchella* Yokoyama, p.732, pl.42, fig.10.

CM12782. (= 3100) *Bittium yokoyamai* Otuka, p.733, pl.42, fig.12, Holotype.

CM12783. (= 3098) *Tritonalia (Ocinebrellus) adunca* Sowerby, p.733, pl.42, figs.14,15a,b.

CM12784. (= 986) *Tritonalia (Ocinebrellus) adunca* Sowerby, p.733, pl.42, fig.9a,b.

CM12786. (= 3093) *Antiplanes perversa contraria* (Yokoyama), p.734, pl.42, fig.11.

CM13041. (= 986) *Tritonalia (Ocinebrellus) adunca* Sowerby, p.733, pl.42, fig.13a,b.

RM13035. *Pandora (Kennerlia) bicarinata* Carpenter, p.732, pl.41, fig.7a, b. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Astarte borealis (Schumacher): CM12776 (missing)

Astarte hakodatensis Yokoyama: CM12777 (=3101)

Pandora (Kennerlia) pulchella Yokoyama: CM12779 (=2210)

Tachyrhynchus venustellus (Yokoyama): CM12781 (missing), CM12795 (= 3097)

Antiplanes perversa contraria (Yokoyama): CM12785 (missing)

Arca boucardi Jousseaume: CM12787 (=3080)(missing)

Lora dissoluta (Yokoyama): CM12788 (=3095)

Venericardia ferruginea (Clessin): CM12789 (=3081)

Glycymeris yessoensis (Sowerby): CM12790 (=3079)

Mercenaria yokoyamai Makiyama: CM12791 (=3083)

Otuka, Y. (1936a): continued

Spisula grayana Schrenck: CM12792 (=3085)

Umbonium (Suchium) akitanum Suzuki: CM12793 (=3089)

Turritella (Haustator) saishuensis Yokoyama: CM12794 (=3092)

Cancellaria murayamai Yokoyama: CM12796 (=3096)

Polinices didyma (Bolten): CM12797 (=3090)

Natica janthostoma Deshayes: CM12798 (=3091)

Lora ogurana (Yokoyama): CM12799 (=3094)

Limopsis tokaiensis Yokoyama: CM13032 (missing)

Cardium (Cerastoderma) ciliatum ? (Fabricius): CM13033 (missing)

Tellina sp.: CM13034 (missing)

Otuka, Y. (1936b): Note on the some shells from southern Taiwan. (1).
The Venus, vol.6, no.3, pp.155-162, figs.1-23. [in Japanese]

RM13064. (= 2866) *Nuculana gordonis takaoensis* Otuka, p.155, figs.5,6, Holotype. (missing)

RM13067. (= 2865) *Yoldia lepidula* A. Adams, p.157, figs.8,9. (missing)

RM13072. (= 2857) *Anadara nodifera* (v. Martens), p.158, figs.3,4.

RM13073. (= 3061) *Anadara gubernaculum luzonica* (Reeve), p.159, figs.1,2.

CM13074. (= 3168) *Anadara multiformis* (K. Martin), p.159, figs.7,16,21.

CM13075. *Anadara multiformis* (K. Martin), p.159, figs.10,11,17.

RM13076. (= 2768) *Trisidos semitorta* (Lamarck), p.160, figs.12-15.

RM13077. (= 2808) *Philine aperta* (Linnaeus), p.161, fig.22,23.

RM13078. (= 2819) *Cylichna incisula* Yokoyama, p.162, figs.18,19.

RM13079. (= 2819) *Cylichna incisula* Yokoyama, p.162, fig.20.

The following specimens, though not illustrated, were also treated in this paper.

Nuculana gordonis takaoensis Otuka: RM13065 (= 2866)(missing), RM13066 (= 2866)(missing), Paratypes.

Limopsis multistriata (Forskål): RM13068 (missing)

Barbatia fusca (Solander): RM13069 (missing)

Barbatia decussata (Sowerby): RM13070 (missing)

Barbatia obtusoides (Nyst): RM13071 (missing)

Otuka, Y. (1936c): The Takasegawa green tuff beds of the Yuri district. Akita Pref., Japan, and correlation of the lower Neogene in Japan. *Bull. Earthquake, Res. Inst., Tokyo Imp. Univ.*, vol.14, pt.3, pp.438-452, pl.30, figs.1-4.

CM12812. (= 3110) *Phalium yokoyamai* Nomura et Hatai, p.442, pl.30, fig.4.

CM12825. (= 3172) *Dosinia (Kaneharaia) kaneharai* Yokoyama, p.443, pl.30, fig.3.

The following specimens, though not illustrated, were also treated in this paper.

Patinopecten tokyoensis kimurai (Yokoyama): CM12805 (=3109), CM12816 (=3107), CM12823 (=3120b), CM12829 (=3120a)

Fulgoraria rupestris (Gmelin): CM12813 (=3117)

Pecten kagamianus Yokoyama: CM12814 (=3118a), CM12815 (=3118b)

Pecten protomollitus Nomura: *CM12806 (=3116)

Lucina acutilineata Conrad: CM12807 (=3114)

Venericardia ferruginea (Clessin): CM12808 (=3115), CM13048 (missing)

Cultellus izumoensis Yokoyama: CM12809 (=3112), CM12826 (=3121)

Panope japonica A. Adams: CM12810 (=3111)

"Panomya" simotomensis Otuka: CM12811 (=3113)

Pecten cfr. *kagamianus* Yokoyama: CM12817 (=3103)

Chlamys notoensis Yokoyama: CM13818 (=3104)

Coptothyris grayi (Davidson): CB12819 (=3108)

Pecten cfr. *akitanus* (Yokoyama): CM12820 (=3106)

Pecten sp. n. (*takasensis* Otuka MS.): CM12821 (=3105)

Pecten yamasakii (Yokoyama): CM12822 (=3124)

Dosinia (Kaneharaia) kaneharai Yokoyama, var.: CM12824 (=3119)

Arca amicula Yokoyama: *CM12827 (=3123a), CM12828 (=3123b)

Nucula sp.: CM13036 (missing)

Patinopecten healeyi yamasakii Yokoyama: CM13037 (missing), CM13039 (missing)

Dosinia (Kaneharaia) kaneharai Yokoyama: CM13038 (missing)

Chlamys akitanus Yokoyama: CM13040 (missing), CM13045 (missing)

Chlamys aff. *akihoensis* Matsumoto: CM13041 (missing)

Anomia sp.: CM13042 (missing)

Anadara aff. *ninohensis* Otuka: CM13043 (missing)

Otuka, Y. (1936c): continued

Ostrea gravitesta Yokoyama: CM13044 (missing)

Patinopecten tokyoensis murayamai (Yokoyama): CM13046 (missing)

Lima sp.: CM13047 (missing)

Cardium nuttalli Conrad: CM13049 (missing)

Cardium muticum Reeve: CM13050 (missing)

Dentalium sp.: CM13051 (missing)

Calyptrea sp.: CM13051 (missing)

Natica sp.: CM13055 (missing)

Otuka, Y. (1936d): Note on some shells from southern Taiwan. (2). *The Venus*, vol.6, no.4, pp.232-239, figs.24-38. [in Japanese]

RM13080. (= 2722) *Volsella philippinarum* (Hanley), p.232, figs.34,35. (missing)

RM13083. (= 2722) *Brachidontes setiger* (Dunker), p.232, figs.30,31.

RM13085. (= 2775) *Lithophaga (Botula) cinnamomea* (Lamarck), p.233, figs. 36,37.

RM13087. (= 2770) *Isognomon acutirostris* (Dunker), p.233, figs.26,27.

RM13090. (= 2368) *Plicatula simplex* Gould, p.234, figs.28,29.

RM13098. (= 2356) *Unio douglasiae taiwanicus* (Pilsbry), p.235, figs.32,33.

RM13103. (= 2618) *Siphonaria* aff. *siquijorensis* Reeve, p.236, fig.38a,b.

RM13106. (= 3046) *Conus* (Virroconus) *ebraeus* Linnaeus, p.237, fig.25.

RM13107. (= 3048) *Conus* (Virroconus) *corobatus* Gmelin, p.237, fig.24.

The following specimens, though not illustrated, were also treated in this paper.

Volsella philippinarum (Hanley): RM13081 (=2772)

Brachidontes setiger (Dunker): RM13082 (=2820)

Septifer bilocularis (Linnaeus): RM13084 (=2773)

Lithophaga malayana (Philippi): RM13086 (=2774)

Isognomon perna (Linnaeus): RM13088 (=3049)

Pteria (Pinctada) martensii (Dunker): RM13089 (=2851)

Amusium pleuronectes (Linnaeus): RM13091 (=2737), CM13092 (=2359)

Chlamys irregularis (Sowerby): RM13093 (=2771)

Lima lima (Linnaeus): RM13094 (=2846)

Otuka, Y. (1936d): continued

Ostrea (Lopha) crenulifera Sowerby: RM13095 (missing)

Ostrea (Crassostrea) aff. *inequivalvis* Sowerby: RM13096 (=2624)

Ostrea vitrefacta Sowerby: RM13097 (missing)

Bulla vernicosta Gould: RM13099 (=2724)

Siphonaria sipho Sowerby: RM13100 (=2816)

Siphonaria atra Quoy et Gaimard: RM13101 (=2815)

Siphonaria japonica (Donovan): RM13102 (=3227)

Conus (Darioconus) textile (Linnaeus): RM13104 (=2543)(missing)

Conus (Stephanoconus) lividus Hwass: RM13105 (=3047)

Conus (Virroconus) sponsalis Hwass: RM13108 (=3224)

Terebra (Subula) dimidiata circumvoluta Dautzenberg: RM13109 (=2759)

Otuka, Y. (1937a): The geologic age of the Tertiary formation near Hamada, Simane Prefecture, Japan. *Japan. Jour. Geol. Geogr.*, vol.14,pp.23-32, pl.3.

CM13062. (= 4870) *Dosinia japonica nomurai* Outka, p.29, pl.3, figs.3,4.

CM25525. (= 4852) *Nassarius (Hima) incongruus* (Yokoyama)[(Yokoyama MS) Otuka], p.26, pl.3, figs.8,9, Holotype. (see also Yokoyama, 1929a)

CM25542. (= 4864) *Sinum yabei* Otuka, p.28, pl.3, figs.6,7. (see also Yokoyama, 1929a)

CM25550. (= 4872) *Tapes (Siratoria) siratoriensis* (Otuka), p.30, pl.3, figs.1,2. (see also Yokoyama, 1929a)

CM25551. (= 4873) *Crassatellites heteroglyptus* Pilsbry, p.31, pl.3, fig.5. (see also Yokoyama, 1929a)

The following specimens, though not illustrated, were also treated in this paper.

Olivella fortunei (A. Adams): CM13055 (= 4851)(missing)

Nassarius (Hima) incongruus (Yokoyama): [(Yokoyama MS) Otuka] CM13056, 13057, Paratypes

Cerithium ancisum (Yokoyama): CM13058 (= 4859)

Turritella fortilirata kadonosawaensis Otuka: CM13059

Polynices aff. *didyma* (Bolten): CM13060 (= 4890)(missing)

Natica (?) sp.: CM13061 (= 4891)(missing)

Clementia (Compsomyax) subdiaphana yazawaensis Otuka: CM13063 (= 4871)

Otuka, Y. (1937a): continued

Brachytoma sp.: CM 25523 (=4850)(see also Yokoyama, 1929a)

Ocinebra sp.: CM25526 (=4853)(see also Yokoyama, 1929a)

Umbonium ? sp.: CM25543 (see also Yokoyama, 1929a)

Dentalium weinkauffii Dunker: CM15544 (=4876), CM25545 (=4876)(see also Yokoyama, 1929a)

Panope japonica (A. Adams): CM25546 (see also Yokoyama, 1929a)

Aloides erythrodon nisataiensis Otuka: CM25547 (=4869)(see also Yokoyama, 1929a)

Dosinia aff. *nagaii* Otuka: CM25548 (=4870)(see also Yokoyama, 1929a)

Chione sp.: CM25549 (=4871)(see also Yokoyama, 1929a)

Pecten sp.: CM25554 (=4876)(see also Yokoyama, 1929a)

Anadara amicula (Yokoyama): CM25555(=4877)(see also Yokoyama, 1929a)

Glycymeris vestitus (Dunker) subsp.: CM25557 (see also Yokoyama, 1929a)

Nuculana confusa kongiensis Otuka: CM25558 (=4880)(missing)(see also Yokoyama, 1929a)

Otuka, Y. (1937b): Notes on some shells from southern Taiwan (3). *The Venus,* vol.7, no.3, pp.128-143, figs.39-67. [in Japanese]

RM13110. (= 2855) *Crassatellites (Crassatina) foveolatus* (Sowerby), p.128, fig.39a,b.

RM13111. (= 3239) *Venericardia (Cardites) crenulicostata* Nomura, p.129, fig.40.

RM13112. (= 3240) *Venericardia (Cardites) granulicostata* Nomura, p.129, fig.41.

RM13113. (= 3046) *Cardita variegata* Bruguière, p.129, fig.42.

RM13114. *Cardita cumingiana* Dunker, p.129, fig.43. (missing)

RM13115. *Cardita nodulosa* Lamarck, p.129, fig.44. (missing)

RM13118. (= 2862) *Trapezium japonicum* Pilsbry, p.130, fig.45.

RM13119. (= 3289) *Trapezium* aff. *sublaevigatum* (Lamarck), p.131, fig.55a, b.

CM13120. (= 2864) *Joannisiella oblonga* (Hanley), p.131, fig.46a,b.

RM13121. (= 3237) *Joannisiella* sp., p.132, fig.51a,b.

RM13122. (= 2825) *Codakia interrupta* Lamarck, p.132, fig.47a,b.

RM13125. (= 2766) *Cardium (Nemocardium) bechei* Reeve, p.135, fig.49a,b.

RM13127. (= 2718) *Cardium (Ringicardium) asiaticum* Bruguière, p.136, fig. 52a,b.

Otuka, Y. (1937b): continued

RM13128. (= 2742) *Cardium (Ringicardium) multispinosum* Sowerby, p.136, fig.50a,b.

RM13129. (= 2767) *Cardium (Ringicardium ?) mansitii* Otuka, p.137, fig.53a, b, Holotype.

RM13130. (= 3238) *Corculum (Fragum) bannoi* Otuka, p.138, fig.54a,b, Holotype.

RM13133. (= 2740) *Corculum (Lunulicardia) retusum* (Linnaeus), p.139, fig. 48a-c.

CM13134. (= 3252) *Terebra (Punctoterebra) orthocostulata* Nomura, p.139, fig.65.

CM13136. (= 3269) *Clavus (Elaeocyma) tjibaliungensis turuhikoi* Otuka, p.141, fig.63, Holotype.

The following specimens, though not illustrated, were also treated in this paper.

Corbicula fluminea (Müller): RM13116 (=2357)

Corbicula subsulcata (Dunker): RM13117 (=3253)

Codakia (Pillucina) pisidium (Dunker): RM13123 (=2873)(missing)

Chama sp.: RM13124 (=2854)

Cardium (Trachycardium) burchardi Dunker: CM13126 (=3245)

Corculum (Fragum) bannoi Otuka: RM13131 (=3238), RM13132 (=3238), Paratypes

Terebra pereoa Nomura: CM13135 (missing)

Otuka, Y. (1937c): Middle Tertiary Mollusca from north Hokkaido and Zyōban coal-field, Japan. *Japan. Jour. Geol. Geogr.*, vol.14, nos.2-3, pp.167-171, pl.16.

All specimens related to this work are now missing except for the specimens of *Mactra (Mactrotoma) californica onnechivria* Otuka, which were said to be preserved in the Geological Survey of Japan.

CM13137. *Serripes fujinensis* (Yokoyama), p.168, pl.16, fig.10.

CM13138. *Serripes fujinensis* (Yokoyama), p.168, pl.16, fig.9.

CM13139. *Venericardia tokunagai* Yokoyama, p.169, pl.16, fig.8.

CM13142. *Phalium (Doliocassis) onishpetensis* Otuka, p.170, pl.16, fig.4, Holotype.

CM13143. *Molopophorus watanabei* Otuka, p.170, pl.16, fig.5, Holotype.

CM13144. *Molopophorus watanabei* Otuka, p.170, pl.16, fig.6, Paratype.

CM13145. *Molopophorus watanabei* Otuka, p.170, pl.16, fig.7, Paratype.

Otuka, Y. (1937c): continued

The following specimens, though not illustrated, were also treated in this paper.

Venericardia tokunagai Yokoyama: CM13140 (missing), CM13141

Otuka, Y. (1937d): Diodora in Japan. *Jour. Geol. Soc. Japan,* vol.44, pp.939-946, pl.30.

RM13146. *Diodora sieboldii* (Reeve), p.940, pl.30, fig.1a,b.

RM13149. *Diodora elaborata* (Sowerby), p.942, pl.30, fig.2a,b.

RM13151. (= 3937) *Diodora yokoyamai* Otuka, p.943, pl.30, fig.4a,b, "Monotype" [to be Holotype].

RM13152. (= 681) *Diodora suprapunicea* Otuka, p.944, pl.30, fig.6a,b, "Monotype" [to be Holotype].

CM20291. (= 501) *Diodora yokoyamai kosibensis* Otuka, p.944, pl.30, fig. 5a,b, "Monotype" [to be Holotype]. (see also Yokoyama, 1920)

CM22487. *Diodora humilis* (Yokoyama), p.943, pl.30, fig.3a,b. Holotype (missing)(see also Yokoyama, 1925b)

The following specimens, though not illustrated, were also treated in this paper.

Diodora sieboldii (Reeve): RM13147, RM13148

Diodora elaborata (Sowerby): RM13150 (missing)

Otuka, Y. (1938a): Catalogue of the Japanese species of the genus Turritella. *The Venus,* vol.8, no.1, pp.37-44, figs.1-31. [in Japanese]

CM12056. *Turritella (Haustator) fortilirata kadonosawaensis* Otuka, p.41, fig.4, Syntype.

CM12986. *Turritella (Haustator) andenensis* Otuka, p.41, fig.9, Syntype.

CM12988. *Turritella perterebra* Yokoyama, p.38, fig.16.

CM13153. *Turritella (Haustator) saishuensis* Yokoyama, p.40, fig.7.

Otuka, Y. (1938b): Neogene fossils of the Ihara district, Sizuoka Prefecture, Japan. *Jour. Fac. Sci., Imp. Univ. Tokyo,* Sec.2, vol.5, pts.1-2, pp.1-19, pls.1,2.

CM12690. (= 3894) *Amussiopecten praesignis* (Yokoyama), p.6, pl.1, fig.2. (missing)

CM12693. (= 3987) *Patinopecten kanbaraensis* Otuka, p.8, pl.1, fig.3, Holotype. (missing)

Otuka, Y. (1938b): continued

CM12694. (= 3985) *Lima konnoi* Otuka, p.10, pl.1, fig.8, "Monotype" [to be Holotype].

CM12696. (= 3982) *Cardium (Trachycardium)* sp., p.11, pl.1, fig.6.

CM12697. (= 3992) *Dosinia matumotoi* Otuka, p.11, pl.1, fig.10, "Monotype" [to be Holotype].

CM12698. (= 3989) *Paphia hirabayasii* Otuka, p.12, pl.2, fig.19, Holotype.

CM12699. (= 3993) *Clementia nakamurai* Otuka, p.14, pl.1, fig.11, Paratype.

CM12700. (= 3994) *Clementia nakamurai* Otuka, p.14, pl.1, fig.7, Holotype.

CM12701. (= 3997) *Lemintina muronoensis* Otuka, p.16, pl.2, figs.12,17,26, "Monotype" [to be Holotype].

CE12703. (= 4006) *Laganum fudsiyama tokunagai* Otuka, p.18, pl.2, figs.22, 23, Holotype. (missing)

CM12705. (= 3990) *Paphia hirabayasii* Otuka, p.12, pl.2, fig.16, Paratype.

CM12706. (= 3991) *Paphia hirabayasii* Otuka, p.12, pl.1, fig.9, Paratype.

CM12709. (= 3995) *Clementia nakamurai kuretiensis* Otuka, p.14, pl.1, fig. 4, Holotype.

CM12711. (= 4002) *Trivia* sp., p.5, pl.2, figs.24,25.

CM12712. (= 4000) *Xenophora* sp., p.5, pl.2, figs.20,21.

CM12714. (= 4005) *Ostrea gigas* Thunberg, p.5, pl.2, fig.27. (missing)

CM12715. (= 4001) *Felaniella* sp., p.5, pl.1, fig.5. (missing)

CM22551. *Lemintina shinanoensis* (Yokoyama), p.16, pl.2, fig.15, Syntype. (see also Yokoyama, 1925c)

The following specimens, though not illustrated, were also treated in this paper.

Amussiopecten sp.: CM12691 (=3986)(missing)

Chlamys sp.: CM12692* (=4003)

Venericardia panda (Yokoyama): CM12695 (=3983)(missing)

Conus tuberculosus Tomlin: CM12702 (=3996)

Laganum fudsiyama tokunagai Otuka: CE12704 (=4007), Paratype

Mytilus sp.: CM12707 (=3998)(missing)

Glycymeris (*vestitus* type): CM12708 (=4004)

Acila sp.: CM12710 (=3999)

Astriclypeus integer Yoshiwara: CE12713 (missing)

Clementia nakamurai Otuka: CM12716 (=3994), CM12717 (=3993), Paratypes

Paphia hirabayasii Otuka: CM12718 (=3990), Paratype

Otuka, Y. (1938c): Mollusca from the Miocene of Tyugoku, Japan. *Jour. Fac. Sci., Imp. Univ. Tokyo,* Sec.2, vol.5, pts.1-2, pp.21-45, pls.1-4.

CM12723. (= 10002) *Anadara daitokudoensis* Makiyama, p.25, pl.1, figs.3,4.

CM12724. (= 10003) *Anadara* cfr. *setoensis* (Yokoyama), p.25, pl.1, fig.5.

CM12726. (= 10004) *Lucira (Lucinisca) yokoyamai* Otuka, p.27, pl.4, fig. 38.

CM12730. (= 10006) *Cardium (Bucardium) ogurai* Otuka, p.28, pl.1, fig.1, Syntype.

CM12731. (= 10008) *Joannisiella takeyamai* Otuka, p.29, pl.4, fig.32, Syntype.

CM12732. (= 10010) *Meretrix arugai* Otuka, p.30, pl.2, figs.11,12, Holotype.

CM12733. (= 10011) *Dosinia suketoensis* Otuka, p.31, pl.1, figs.6,7, Holotype.

CM12734. (= 10012) *Dosinia suketoensis* Otuka, p.31, pl.1, fig.9, Paratype.

CM12735. (= 10013) *Cyclina sinensis* Gmelin, p.32, pl.2, figs.13,15.

CM12737. (= 10014) *Tapes (Siratoria) siratoriensis* (Otuka), p.33, pl.2, fig.17.

CM12738. (= 10030) *Sanguinolaria (Soletellina) minoensis* (Yokoyama), p.34, pl.2, figs.14,18.

CM12740. (= 10015) *Zozia uetanii* Otuka, p.34, pl.2, fig.16, Holotype.

CM12742. (= 10016) *Moerella jedoensis* (Lischke), p.35, pl.1, fig.10.

CM12743. (= 10017) *Aloidis succincta* (Yokoyama), p.35, pl.4, fig.35.

CM12744. (= 10018) *Turbo (Lunella) ozawai* Otuka, p.36, pl.3, figs.22-24, Syntype.

CM12745. (= 10019) *Natica (Euspira)* aff. *meisensis* (Makiyama), p.37, pl.3, figs.25,28.

CM12747. (= 10001) *Globularia (Cernina) nakamurai* Otuka, p.37, pl.3, figs.19-21, Holotype.

CM12749. (= 10021) *Cerithidea (Cerithideopsilla) tokunagai* Otuka, p.39, pl.3, fig.29, Holotype.

CM12755. (= 10024) *Cerithium (Proclava) meisense* Makiyama, p.41, pl.4, fig.36.

CM12756. (= 10024) *Cerithium (Proclava) ancisum* (Yokoyama), p.42, pl.4, fig.31.

CM12757. (= 10025) *Nassarius (Hinia) simizui* Otuka, p.42, pl.4, fig.30.

CM12758. (= 10026) *Actaeon ozawai* Otuka, p.43, pl.3, fig.27, Holotype.

CM12759. (= 10027) *Actaeon ? ogurai* Otuka, p.43, pl.3, fig.26, Holotype.

Otuka, Y. (1938c): continued

CM12760. (= 10006) *Cardium (Bucardium) ogurai* Otuka, p.28, pl.1, fig.2, Syntype.

CM12761. (= 10006) *Cardium (Bucardium) ogurai* Otuka, p.28, pl.1, fig.8, Syntype.

CM12762. (= 10008) *Joannisiella takeyamai* Otuka, p.29, pl.4, fig.33, Syntype.

CM12763. (= 10008) *Joannisiella takeyamai* Otuka, p.29, pl.4, fig.34, Syntype.

CM12764. (= 10008) *Joannisiella takeyamai* Otuka, p.29, pl.4, fig.37, Syntype.

The following specimens, though not illustrated, were also treated in this paper.

Ostrea gravitesta Yokoyama: CM12725 (=10029)

Lucina (Lucinisca) yokoyamai Otuka: CM12727 (=10037)

Lucina (Miltha) k-hataii Otuka: CM12728 (=10005), CM12729 (=10038)

Cyclina sinensis Gmelin: CM12736 (=10028)

Sanguinolaria (Soletellina) minoensis (Yokoyama): CM12739 (=10036)

Zozia uetanii Otuka: CM12741 (=10030), Paratype.

Natica (Euspira) aff. *meisensis* (Makiyama): CM12746 (=10032)

Vicarya callosa Jenkings: CM12748 (=10020)

Batillaria (Tateiwaia) teteiwai Makiyama: CM12750 (=10023), CM12751 (=10039), CM12752 (=10040)

Batillaria (Tateiwaia) yamanarii Makiyama: CM12753 (=10022), CM12754 (=10035)

Turbo (Lunella) ozawai Otuka: CM12765 (=10018), Syntype

Actaeon ozawai Otuka: CM12766 (=10026), Paratype

Dosinia suketoensis Otuka: CM12767 (=10002), CM12768 (=10002), Paratype

Aloidis succincta (Yokoyama): CM12769 (=10017)

Otuka, Y. (1939a): Mollusca from the Cainozoic System of eastern Aomori Prefecture, Japan. *Jour. Geol. Soc. Japan,* vol.46, no.544, pp.23-31, pl.2, text-figs.1,2.

CM12830. (= 4250) *Acila (Truncacila) nakazimai* Otuka, p.26, pl.2, fig.9, Syntype.

CM12831. (= 4242) *Lima (Acesta) goliath yagenensis* Otuka, p.27, Syntype. (missing)

Otuka, Y. (1939a): continued

CM12832. (= 3987) *Astarte alaskensis* Dall, p.27, pl.2, figs.1,2.

CM12833. (= 4259) *Venericardia (Cyclocardia) ferruginea* (A. Adams), p.28, pl.2, figs.5,6.

CM12834. (= 4260) *Venericardia (Cyclocardia) crebricostata* Krause, p.28, pl.2, figs.3,4.

CM12835. (= 4252) *Macoma praetexta oinomikadoi* Otuka, p.28, pl.2, figs.15, 16, Syntype.

CM12839. (= 4258) *Turritella (Haustator) saishuensis* Yokoyama, p.29, pl.2, fig.12. (missing)

CM12840. (= 4269) *Odostomia (Evalea) araii* Otuka, p.29, pl.2, figs.13,14, "Monotype" [to be Holotype]. (missing)

CM12841. (= 4264) *Natica (Cryptonatica) clausa tugaruana* Nomura et Hatai, p.30, pl.2, figs.2-d.

CM12842. (= 4262) *Polynices ovata pila* Pilsbry, p.30, pl.2, figs.7,8.

CM12864. (= 4250) *Acila (Truncacila) nakazimai* Otuka, p.26, pl.2, figs.10, 11, Syntype.

CM13154. (= 4252) *Macoma praetexta oinomikadoi* Otuka, p.28, pl.2, figs.17, 18, Syntype.

The following specimens, though not illustrated, were also treated in this paper.

Macoma praetexta oinomikadoi Otuka: CM12836 (=3975), CM12837 (=4266), CM12838 (=4253), CM13155 (=3975), CM13156 (=4266), CM13155 (=4250)

Acila (Truncacila) nakazimai Otuka: CM12843 (=4265), CM12865 (=4250), CM12866 (=4252), Syntypes

Yoldia notabilis Yokoyama: CM12844 (=4270)

Yoldia thraciaeformis Storer: CM12845 (=4266?)

Nuculana pernula sadoensis (Yokoyama): CM12846 (=4271)

Glycymeris yessoensis (Sowerby): CM12847 (=4261)

Chlamys swifti etchegoinii (Anderson): CM12848 (=4255), CM12849 (=3977)

Chlamys swifti nutteri (Arnold): CM12850 (=4256)

Patinopecten plebejus (Yokoyama): CM12851 (=3979)

Thyasira rotundata Yokoyama: CM12852 (=4268)

Protothaca tateiwai ? (Makiyama): CM12853 (=3980)

Alvania maya (Yokoyama): CM12854 (=4267)

Natica (Cryptonatica) clausa tugaruana Nomura et Hatai: CM12855 (=4263)

Patinopecten kurosawaensis (Yokoyama): CM12856 (=3974)

Otuka, Y. (1939b): A new Calliostoma from Japan. *The Venus,* vol.9, no.1, pp.27-29, text-fig.a,b. [in Japanese]

RM13157. (= 5000) *Calliostoma kiheiziebisu* Otuka, p.28, text-figs.a,b, Holotype.

Otuka, Y. (1940a): A new locality of the Sanmenian Formation in central Shansi, north China. *Japan. Jour. Geol. Geogr.,* vol.17, nos.1-2, pp.83-89, pls.6-10, text-figs.a-c.

CM13158. *Lamprotula caveata* (Heude), p.87, pl.7, figs.4,5; pl.8, figs.6,7.

CM13159. *Lamprotula antiqua* Odhner, p.87, pl.9, figs.8,9.

CM13160. *Lamprotula* sp., p.88, pl.10, figs.16,17.

CM13161. *Cuneopsis maximus* Odhner, p.88, pl.9, fig.12. (missing)

CM13162. *Metodontia houaiensis* (Crosse), p.88, pl.9, figs.10,11. (missing)

CM13166. *Cathaica orithyia* (Martens), p.88, pl.9, figs.13-15. (missing)

CM13167. *Cathaica orithyia* (Martens), p.88, pl.10, figs.18-20. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Metodontia houaiensis (Crosse): CM13163, CM13164, CM13165

Cathaica orithyia (Martens): CM13168, CM13169, CM13170, CM13171, CM13172, CM13173

Lamprotula antiqua Odhner: CM13174, CM13175

Otuka, Y. (1940b): Miocene Mollusca from Tesio Province, Hokkaido. *Japan. Jour. Geol. Geogr.,* vol.17, nos.1-2, pp.91-99, pl.11, text-figs. a-d.

CM12660. (= 4278b) *Spisula onnechiuria* (Otuka), p.94, pl.11, fig.2.

CM12661. (= 4281) *Venericardia (Cyclocardia ?) abesinaiensis* Otuka, p.94, pl.11, fig.10, Holotype.

CM12663. (= 4296) *Tellina (Peronidia) lutea t-matumotoi* Otuka, p.96, pl. 11, fig.8, Syntype.

CM12665. (= 4276) *Macoma (Rexithaerus) secta* (Conrad), p.98, pl.11, fig.1.

CM12666. (= 4283) *Neptunea oomurai* Otuka, p.98, pl.11, figs.5,6; text-fig.d, "Monotype" [to be Holotype].

CE12667. *Echinarachnius* sp ., p.99, pl.11, fig.3. (missing)

Otuka, Y. (1940b): continued

CM12669. (= 4278) *Spisula onnechiuria* (Otuka), p.94, text-fig.b.

CM12670. (= 4282) *Tellina (Peronidia) lutea t-matumotoi* Otuka, p.96, pl. 11. fig.7, Syntype.

CM12671. (= 4279) *Mercenaria chitaniana* (Yokoyama), p.95, pl.11, fig.9.

CM12674. (= 4275) *Glycymeris vestitoides* Nomura, p.92, pl.11, fig.4.

CM12675. (= 4287) *Mercenaria chitaniana* (Yokoyama), p.95, pl.11, fig.12. (missing)

CM12676. (= 4276) *Macoma (Rexithaerus) secta* (Conrad), p.98, pl.11, fig. 11.

The following specimens, though not illustrated, were also treated in this paper.

Glycymeris vestitoides Nomura: CM12657 (=4277), CM12672 (=4287)

Serripes fujinensis (Yokoyama): CM12658 (=4294), CM12673 (=4280)

Cardium (Clinocardium) shinjiensis Yokoyama: CM12659 (=4290)

Mercenaria chitaniana (Yokoyama): CM12662 (=4279)

Macoma optiva (Yokoyama): CM12664 (=4286)

Tellina (Peronidia) lutea t-matumotoi Otuka: CM12668 (=4292), CM12677 (=4282), CM12678 (=4282), Syntypes

Otuka, Y. (1941a): [Neogene fossil faunas from the area between Honjo and Kurosawajiri.] *Jour. Japan. Assoc. Petroleum Technologists,* vol.9, no.2, pp.147-157, figs.1-6.

CM13248. *Panomya simotomensis* Otuka, p.153, fig.1. (missing)

CM13249. *Thracia hitosaoensis* Nomura, p.153, fig.5.

CM13250. *Periploma besshoensis* (Yokoyama), p.153, fig.4.

CM13252. *Pandora (Kennerleyia) wardiana nomurai* Otuka, [nom. nud.] p.153. fig.6.

CM13256. *Ancistrolepis mogamiense* (Nomura and Zinbo), p.153, fig.2.

CM13349. *Mya cuneiformis* (Böhm), p.153, fig.3. (missing)

Otuka, Y. (1941b): Fossil Mollusca from Tazima, Hyogo Prefecture, Japan. *Japan. Jour. Geol. Geogr.,* vol.18, nos.1-2, pp.21-24, figs.1-5.

CM12680. (= 10044) *Venericardia (Cyclocardia) siogamensis* Nomura, p.23, fig.2.

Otuka, Y. (1941b): continued

CM12681. (= 10044) *Venericardia (Cyclocardia) siogamensis* Nomura, p.23, fig.3.

CM12682. (= 10045) *Cultellus izumoensis* Yokoyama, p.23, fig.4.

CM12683. (= 10046) *Panope tyugokuensis* Otuka, p.24, fig.5, Monotype [to be Holotype].

The following specimens, though not illustrated, were also treated in this paper.

Anadara ninohensis (Otuka): CM12679 (=10041)

Venericardia (Cyclocardia) siogamensis Nomura: CM12684 (=10042)

Otuka, Y. (1942): Some new Unioidae from north China and southern Mongolia. *Proc. Imp. Acad. Tokyo,* vol.18, no.8, pp.479-483, figs.1-7.

CM13176. *Lamprotula kusabi* Otuka, p.480, figs.6,7, Holotype.

CM13177. *Cuneopsis heudei nihowanensis* Otuka, p.482, figs.3-5, Syntype.

CM13180. *Pseudodon pingi* Otuka, p.483, figs.1,1a,2, Holotype. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Cuneopsis heudei nihowanensis Otuka: CM13178, CM13179, Syntypes

Otuka, Y. (1943a): Miocene Mollusca from Iisaka and Manseioozi, Hukusima Prefecture, Japan. *Jour. Geol. Soc. Japan,* vol.50, no.592, pp.22-28, pl.2. [in Japanese]

CM13181. *Cerithidea (Cerithideopsilla) sirakii* Makiyama, p.22, pl.2, figs. 13,14.

CM13187. *Cancellaria kimikoae* Hatai, p.23, pl.2, figs.11,12.

CM13188. *Cancellaria hukusimana* Nomura and Hatai subsp., p.23, pl.2, figs. 15,16.

CM13189. *Nucula izirii* Otuka, p.23, pl.2, figs.5-7, "Monotype" [to be Holotype].

CM13191. *Patinopecten kimurai* (Yokoyama), p.24, pl.2, fig.10.

CM13199. *Pandora (Heteroclidus) hukusimana* Otuka, p.25, pl.2, fig.8, Holotype. (missing)

CM13203. *Volsella (Amygdalum) izirii* Otuka, p.26, pl.2, fig.9, Holotype. (missing)

CM13222. *Pandora (Heteroclidus) pulchella* Yokoyama, p.25, pl.2, figs.1,2. (missing)

Otuka, Y. (1943a): continued

CM13221. *Pandora (Heteroclidus) pulchella* Yokoyama, p.25, pl.2, figs.3, 4. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Polynices didyma Bolten subsp.: CM13182 (missing), CM13183 (missing), CM13184 (missing), CM13210 (missing)

Natica (Euspira) meisensis (Makiyama): CM13185 (missing)

Phos (Coraeophos) iwakianus (Yokoyama): CM13186 (missing)

Anadara ogawai Makiyama: CM13190 (missing)

Lucina kamenooensis Otuka: CM13192 (missing), CM13205 (missing), CM13209 (missing)

Cardium (Clinocardium) shinjiense Yokoyama: CM13193 (missing)

Clementia ? sp.: CM13195 (missing)

Macoma tokyoensis Makiyama: CM13196 (missing)

Cultellus izumoensis Yokoyama: CM13197 (missing)

Pandora (Heteroclidus) hukusimana Otuka: CM13198 (missing), CM13200 (missing), CM13201 (missing), Paratypes

Anadara aff. *ogawai* Makiyama: CM13202 (missing), CM13206 (missing)

Ostrea gravitesta Yokoyama: CM13204 (missing)

Volsella (Amygdalum) izirii Otuka: CM13207 (missing), Paratype

Patinopecten kimurai Yokoyama subsp.: CM13208 (missing)

Columbella ? sp.: CM13211 (missing)

Sardinia ? sp.: CV13212 (missing)

Trochus sp.: CM13213 (missing)

Glycymeris vestitoides Nomura: CM13214 (missing)

"Pecten" notoensis Yokoyama: CM13215 (missing)

Chlamys arakawai Nomura: CM13216 (missing)

Chlamys sp.: CM13217 (missing)

Patinopecten kimurai murayamai (Yokoyama): CM13218 (missing)

Pactinopecten kagamianus (Yokoyama): CM13219 (missing)

Dosinia nomurai Otuka: CM13220 (missing)

Coptothyris grayi Davidson: CB13221 (missing)

Dosinia kaneharai siobarense [*siobarensis*] Otuka: CM22801 (missing), Syntype (see also Yokoyama, 1926b)

Otuka, Y. (1943b): Neogene Mollusca from the vicinity of Yokote Town, Akita Prefecture, Japan. *Jour. Geol. Soc. Japan,* vol.50, no.593, pp. 53-64, pl.3. [in Japanese]

CM13224.* *Nucula akitana* Otuka, p.55, pl.3, fig.1, Syntype.

CM13225. *Nucula akitana* Otuka, p.55, pl.3, figs.2,3, Syntype.

CM13233. *Serripes notabilis nomurai* Otuka, p.56, pl.3, fig.10, Holotype.

CM13234. *Lucina izirii* Otuka, p.57, pl.3, fig.9, Holotype.

CM13238. *Macoma izirii* Otuka, p.57, pl.3, figs.4,5, Syntype.

CM13243. *Tellina ? wagaensis* Otuka, p.58, pl.3, fig.15, Holotype.

CM13245. *Sanguinolaria uwadokoi* Otuka, p.58, pl.3, fig.7, "Monotype" [to be Holotype].

CM13250. *Periploma* cfr. *besshoensis* (Yokoyama), p.59, pl.3, fig.14.

CM13251. *Pholadomya m-katayamai* Otuka, p.60, pl.3, fig.11, Holotype.

CM13252. *Pandora (Kennerlyia) wardiana nomurai* Otuka, p.60, pl.3, fig.13, "Monotype" [to be Holotype].

CM13253. *Amaea (Acrilla) uwadokoi* Otuka, p.60, pl.3, fig.6, "Monotype" [to be Holotype].

CM13257. *Neptunea nomurai* Otuka, p.62, pl.3, fig.12, "Monotype" [to be Holotype].

CM13259. *Buccinum kuratai* Otuka, p.62, pl.3, fig.8, Holotype.

The following specimens, though not illustrated, were also treated in this paper.

Yoldia thraciaeformis (Storer): CM13226 (missing)

Crenella cfr. *tomiyaensis* Hatai and Nakamura: CM13227 (missing)

Cardium (Clinocardium) iwasiroense Nomura: CM13228

Serripes pauperculus (Yokoyama): CM13229 (missing)

Serripes fujinensis (Yokoyama): CM13230 (missing)

Serripes notabilis Sowerby: CM13231

Serripes yokoyamai Otuka: CM13232

Thyasira bisecta Conrad: CM13235 (missing)

Thyasira bisecta nipponica Yabe and Nomura: CM13236

Thyasira bisectoides Kuroda: CM13237 (missing)

Macoma izirii Otuka: CM13239 (missing), CM13240 (missing), Syntypes

Macoma tokyoensis Makiyama: CM13241 (missing)

Macoma aff. *optiva* Yokoyama: CM13242 (missing)

Otuka, Y. (1943b): continued

Tellina sp.: CM13254 (missing)

Cultellus izumoensis Yokoyama: CM13246 (missing)

Mya cuneiformis (Böhm): CM13247

Panomya simotomensis Otuka: CM13248 (missing)

Thracia hitosaoensis Nomura: CM13249*

Natica sp.: CM13254 (missing)

Phos (Coraeophos) iwakianus (Yokoyama): CM13255

Ancistrolepis mogamiense (Nomura and Zinbo): CM13256

Psephaea tokunagai Kanehara: CM13258 (missing)

Buccinum kuratai Otuka: CM13260, Paratype

Otuka, Y. (1949): Fossil Mollusca and rocks of the Kiyosumi Group exposed at Minato-machi, Chiba Prefecture, and its environs (1st paper).

Japan., Jour. Geol. Geogr., vol.21, nos.1-4, pp.296-309, figs.1-3, pl.13 (figs.4-18)

CM13274. (= Y-0002) *Homalopoma (Phanerolepida) transenna* (Watson), p.302, pl.13, fig.4.

CM13277. (= Y-0006) *Profundinassa babylonica* (Watson), p.303, pl.13, fig. 5.

CM13288. (= Kf 321) *Fulgoraria (Psephaea) kosibensis* Otuka , p.304, pl.13, fig.8, Holotype.

CM13290. (= Y-0010) *Cymatosyrinx braunsi* (Yokoyama), p.304, pl.13, fig.9.

CM13292. (= Y-0012) *Cymatosyrinx hosonaga* Otuka, p.305, pl.13, fig.10, Holotype.

RM13295. (= Y-0013) *Cymatosyrinx hotei* Otuka, p.305, pl.13, fig.6, Holotype.

CM13296. (= E-3258) *Cymatosyrinx pseudohumilis* (Nomura), p.305, pl.13, fig.12.

CM13297. (= Y-0014) *Leucosyrinx (Aforia) circinata minatoensis* Otuka, p.305, pl.13, fig.11, Holotype.

CM13299. (= Y-0015) *Spirotropis (Typhlomangelia) kazusensis* Otuka, p.306, pl.13, Holotype.

RM13301. (= Y-0017) *Antiplanes sadoensis* (Yokoyama), p.306, pl.13, fig.16.

CM13302. (= Y-0016) *Spirotropis (Typhlomangelia) kazusensis inflatus* Otuka, p.307, pl.13, fig.14, Holotype.

CM13309. (= Y-0018) *Brachytoma takeokensis* Otuka, p.307, pl.13, fig.18, Holotype.

Otuka, Y. (1949): continued

CM13327. (= Y-0018) *Lora ? komakahida* Otuka, p.308, pl.13, fig.15, Holotype.

CM13330. (= Y-0020) *Lora ? tomiyaensis* Otuka, p.308, pl.13, fig.17, Holotype.

CM20092. (= Kf 349) *Fulgoraria (Psephaea) kosibensis* Otuka, p.304, pl.13, fig.7.

The following specimens, though not illustrated, were also treated in this paper.

Limopsis chitaniana Yokoyama var.: CM13273 (=Y-0001)

Trophonopsis (Boreotrophon) xestra nipponicus (Yokoyama): CM13275 (=Y-0004)

Trophonopsis (Boreotrophon) echinus (Dall): CM13276 (=Y-0005)

Mitra yokoyamai Otuka: CM13278, CM13279, CM13280, CM13281, CM13282, CM 13284, CM13285, CM13286, CM13287 (=Y-0007)

Fulgoraria (Psephaea) kosibensis Otuka: CM13289 (=Y-0008)

Cymatosyrinx braunsi (Yokoyama): CM13291 (=Y-0011)

Cymatosyrinx hosonaga Otuka: CM13293 (=Y-0012), CM13294 (=Y-0012), Paratypes

Leucosyrinx (Aforia) circinata minatoensis Otuka: CM13298 (=Y-0014), Paratype

Spirotropis (Typhlomangelia) kazusensis Otuka: CM13300 (=Y-0015), Paratype

Spirotropis (Typhlomangelia) kazusensis inflatus Otuka: CM13303, CM13304, CM13305, CM13306, CM13307, CM13308 (=Y-0016), Paratypes

Brachytoma takeokensis Otuka: CM13310, CM13311, CM13312, CM13313, CM13314, CM13315, CM13316, CM13317, CM13318, CM13319, CM13320, CM13321, CM13322, CM13323, CM13324 (=Y-0018), Paratypes

Brachytoma mediocarinata (Yokoyama): CM13325 (=E-4054b), CM13326 (=E-4054a)

Lora ? komakahida Otuka : CM13328 (=Y-0019), CM13329 (=Y-0019), Paratypes

Lora ? tomiyaensis Otuka : CM13331, CM13332, CM13333, CM13334, CM13335, CM13336, CM13337, CM13338, CM13339 (=Y-0020), Paratypes

Astyris sp. a: CM13340 (=Y-0003)

Otuka, Y. (The late)(1959): Japanese species of Orthosurcula. *The Venus,* vol.20, no.3, pp.245-248, figs.1-7.

RM12860. *Turricula (Orthosurcula ?) soyomaruae* Otuka, p.246, fig.3, "Monotype.

Otuka, Y. (1959): continued

CM12861. *Turricula (Orthosurcula) soyomaruae takanabensis* Otuka, p.247, fig.5, Holotype.

CM12862. *Turricula (Orthosurcula) soyomaruae takanabensis* Otuka, p.247, fig.4, Paratype.

RM12863. *Turricula (Orthosurcula) australis* (Roissy), p.245, fig.1.

CM25035. *Turricula (Orthosurcula) pervirgo* (Yokoyama), p.247, fig.6, "Paratype" [to be Paralectotype]. (see also Yokoyama, 1928a)

CM25036. *Turricula (Orthosurcula) pervirgo* (Yokoyama), p.247, fig.7, "Holotype" [to be Lectotype]. (see also Yokoyama, 1928a)

The following specimens, though not illustrated, were also treated in this paper.

Turricula (Orthosurcula) soyomaruae takanabensis Otuka: CM13341, CM13342, CM13344, CM13345, CM13346, CM13347, CM13348

Oyama, K. (1943): Conchologia Asiatica, Volumen primum, pars prima, Familia Limidae [No.1. Cenozoic and Recent]. *Kajitani Shoin,* pp.3-74, pls.1-14.

CM12694. *Lima (Lima) konnoi* Otuka, p.58, pl.12, fig.3, Holotype. (see also Otuka, 1938b)

CM12831. *Lima (Acesta) yagenensis* Otuka, p.42, pl.5, fig.4, Syntype. (missing)(see also Otuka, p.1939a)

CM20005. *Lima (Acesta) nishiyamai* (Yokoyama), p.40, pl.4, fig.1; pl.14, fig.9, Holotype. (see also Yokoyama, 1911b)

CM20031. *Lima (Acesta) amaxensis* Yokoyama, p.43, pl.5, fig.1, Holotype. (missing)(see also Yokoyama, 1920)

CM20532. *Lima (Lima) zushiensis* Yokoyama, p.57, pl.12, fig.2, Syntype. (missing)(see also Yokoyama, 1920)

CM20539. *Lima (Lima) quantoensis* Yokoyama, p.56, pl.12, fig.4; pl.14, fig.13, Syntype. (missing)(see also Yokoyama, 1920)

CM21545. *Lima (Lima) vulgatula* Yokoyama, p.59, pl.12, fig.5, Syntype. (see also Yokoyama, 1922a)

CM22101. *Lima (Lima) yumotoensis* Yokoyama, p.61, pl.12, fig.11; pl.14, fig.13, Holotype. (missing)(see also Yokoyama, 1924b)

CM22747. *Lima (Acesta) yagenensis* Otuka, p.42, pl.4, fig.2. (missing) (see also Yokoyama, 1925a)

Oyama, K. (1973): Revision of Matajiro Yokoyama's type Mollusca from the Tertiary and Quaternary of the Kanto area. *Palaeontological Society of Japan, Special Papers,* no.17, pp.1-148, pls.1-57.

This is a taxonomic revision of the molluscan specimens illustrated in Yokoyama (1911c, 1920, 1922a, 1924a, 1927a, 1927b).

CM20033. *Retusa (Coleophysis) minima* Yamakawa, p.68, pl.19, fig.26a-c.

CM20035. *Rhizorus radiola* (Adams (A.)), p.69, pl.19, fig.14a-c.

CM20036. *Adamnestia japonica* (Adams (A.)), p.71, pl.19, fig.30a,b.

CM20037. *Eocylichna braunsi* (Yokoyama), p.71, pl.19, fig.28a,b, Lectotype.

CM20039. *Pyrunculus phialus* (Adams (A.)), p.69, pl.19, fig.3a,b.

CM20043. *Cylichnatys angusta* (Gould), p.68, pl.19, fig.24a-d.

CM20045. *Adamnestia japonica* (Adams (A.)), p.71, pl.19, fig.29a-c.

CM20046. *Ringicula doliaris* Gould, p.67, pl.19, fig.7a,b. (missing)

CM20047. *Ringicula doliaris* Gould, p.67, pl.19, fig.8a,b. (missing)

CM20052. *Punctoterebra (Brevimyurella) lischkeana* (Dunker) var., p.57, pl.17, fig.3a-c.

CM20053. *Noditerebra (Noditerebra) recticostata* (Yokoyama), p.55, pl.17, fig.2a,b, "Lectotype" [to be Holotype].

CM20055. *Strioterebrum (Cinguloterebra) naumanni* (Yokoyama), p.57, pl.17, fig.5a,b, Lectotype.

CM20056. *Punctoterebra (Granuliterebra) tokunagai* (Yokoyama), p.58, pl. 17, fig.1a,b, Holotype.

CM20057. *Conus (Endemoconus) sieboldii* Reeve, p.55, pl.16, fig.20.

CM20058. *Conus (Parviconus) tuberculosus* Tomlin, p.55, pl.16, fig.21a,b.

CM20059. *Conus (Parviconus) tuberculosus* Tomlin, p.55, pl.16, fig.22a,b.

CM20062. *"Comitas" yokoyamai* (Oyama)[nom. nud.], p.51, pl.15, fig.9b.

CM20063. *"Comitas" yokoyamai* (Oyama)[nom. nud.], p.51, pl.15, fig.9a.

CM20066. *Riuguhdrillia [engonia* subsp. *?] mediocarinata* (Yokoyama), p.52, pl.16, fig.2a,b, Holotype.

CM20067. *Inquisitor jeffreysii* (Smith (E. A.)), p.50, pl.15, fig.8a,b.

CM20070. *Crassispira pseudoprincipalis* (Yokoyama), p.51, pl.15, fig.12a-c, Lectotype.

CM20073. *Tomopleura quantoana* (Yokoyama), p.52, pl.16, fig.3a,b, "Lectotype" [to be Holotype].

CM20074. *Inquisitor cosibensis* (Yokoyama), p.51, pl.15, fig.14a-c, Lectotype. (missing)

CM20075. *Paradrillia nivalioides* (Yokoyama), p.50, pl.15, fig.5a,b, Lectotype.

Oyama, K. (1973): continued

CM20077. *Elaeocyma (Elaeocyma) benten* (Yokoyama), p.49, pl.15, fig.3a,b, "Lectotype" [to be Holotype].

CM20078. *Elaeocyma (Splendrillia) braunsi* (Yokoyama), p.49, pl.15, fig. 16a-c, Lectotype.

CM20081. *Lyromangelia semicarinata* (Pilsbry), p.55, pl.16, fig.4a-c.

CM20082. *Ophiodermella miyatensis* (Yokoyama), p.52, pl.16, fig.14a,b, Lectotype.

CM20085. *Aforia nojimensis* (Yokoyama), p.51, pl.15, fig.11a,b, Holotype.

CM20086. *Belaturricula glabra* (Yokoyama), p.51, pl.15, fig.13a-c, Holotype.

CM20087. *Cancellaria (Sydaphera) spengleriana* Deshayes, p.48, pl.15, fig. 18a,b.

CM20088. *Cancellaria (Sydaphera) spengleriana* Deshayes, p.48, pl.15, fig. 20a,b.

CM20091. *Admete cancellata* (Otuka), p.49, pl.15, fig.17a,b.

CM20092. *Fulgoraria (Psephaea) kamakurensis* Otuka, p.48, pl.13, fig.11a,b, Holotype.

CM20100. *Mitra (Vicimitra) cosibensis* Otuka, p.47, pl.14, fig.23a,b.

CM20101. *Mitra (Vicimitra) kurakiensis* Hatai & Nishiyama, p.48, pl.14, fig.24a,b.

CM20103. *Benthovoluta hilgendorfi* (v. Martens), p.48, pl.13, fig.13a,b.

CM20105. *Pusia emmae* (Yokoyama), p.47, pl.14, fig.8a,b, Holotype. (missing)

CM20107. *Granulifusus makiyamai* (Otuka), p.46, pl.14, fig.27.

CM20109. *Fusinus perplexus* (Adams (A.)), p.46, pl.14, fig.26.

CM20111. *Neptunea (Neptunea) yokoyamai* Oyama [nom. nud.], p.42, pl.13, fig.4, "Paratype". (missing)

CM20112. *Neptunea (Neptunea) yokoyamai* Oyama [nom. nud.], p.42, pl.13, fig.7a,b, "Holotype".

CM20113. *Neptunea (Neptunea) yokoyamai* Oyama [nom. nud.], p.42, pl.13, fig.2a,b, "Paratype".

CM20116. *Beringius (Japelion) adelphicus* (Dall), p.42, pl.12, fig.13a,b.

CM20120. *Hindsia (Microfusus) obesiformis* (Yokoyama), p.44, pl.14, fig. 22a,b, Lectotype.

CM20122. *Neptunea (Barbitonia) arthritica* (Bernardi), p.42, pl.13, fig.12.

CM20123. *Siphonalia mikado* Melvill, p.43, pl.12, fig.7a,b.

CM20124. *Siphonalia spadicea* (Reeve), p.43, pl.12, fig.4a,b.

Oyama, K. (1973): continued

CM20125. *Siphonalia spadicea* (Reeve), p.43, pl.12, fig.6a,b.

CM20126. *Siphonalia modificata* (Reeve), p.43, pl.12, fig.9a,b.

CM20130. *Siphonalia fusoides* (Reeve), p.43, pl.12, fig.14.

CM20131. *Siphonalia spadicea* (Reeve), p.43, pl.12, fig.11.

CM20132. *Siphonalia fusoides* (Reeve), p.43, pl.12, fig.3a,b. (missing)

CM20133. *Siphonalia trochulus tokaiensis* Kira, p.43, pl.12, fig.1a,b.

CM20134. *Buccinum leucostoma* Lischke, p.45, pl.13, fig.1.

CM20136. *Volutharpa perryi* (Jay), p.45, pl.13, fig.6.

CM20137. *Tritia (Reticunassa) japonica* (Adams (A.)) var., p.45, pl.14, fig.17a,b.

CM20139. *Tritia (Tritonella)* sp., p.45, pl.14, fig.13a,b.

CM20141. *Nassarius (Zeuxis) caelatus* (Adams (A.)), p.45, pl.14, fig.21a,b.

CM20148. *Mitrella (Mitrella) bicincta* (Gould), p.40, pl.14, fig.2a,b.

CM20153. *Mitrella (Mitrella) burchardi* (Dunker), p.41, pl.14, fig.5a,b.

CM20156. *Trophon (Boreotrophon) candelabrum* (Reeve), p.39, pl.11, fig. 8a,b.

CM20158. *Trophon (Boreotrophon) xestra nipponicus* Yokoyama, p.40, pl.11, fig.10a,b, Paralectotype.

CM20159. *Trophon (Boreotrophon) xestra nipponicus* Yokoyama, p.40, pl.11, fig.7, Lectotype.

CM20162. *Fusinus (Trophonofusus) muricatoides* (Yokoyama), p.46, pl.14, fig.25a,b, Holotype.

CM20163. *Trophon (Nipponotrophon) echinus* (Dall), p.40, pl.11, fig.16.

CM20168. *Thais (Reishia) bronni* (Dunker), p.38, pl.11, fig.21a,b.

CM20170. *Thais (Reishia) clavigera* (Küster), p.38, pl.11, fig.2a,b.

CM20171. *Ranella (Fusitriton) galea* Kuroda & Habe, p.36, pl.10, fig.3.

CM20172. *Ranella (Fusitriton) galea* Kuroda & Habe, p.36, pl.10, fig.2a,b.

CM20176. *Cymatium (Ranularia) subpyrum* (Yokoyama), p.37, pl.9, fig.1, Lectotype.

CM20177. *Cymatium (Ranularia) subpyrum* (Yokoyama), p.37, pl.9, fig.5, Paralectotype.

CM20179. *Tonna luteostoma* (Küster), p.37, pl.10, fig.5.

CM20184. *Thericium kobelti* (Dunker), p.26, pl.5, fig.22a,b.

CM20186. *Bittium (Stylidium) yokosukense* Oyama, p.25, pl.5, fig.15a,b, Holotype.

CM20187. *Bittium (Bittium) binodulosum* Yokoyama, p.26, pl.5, fig.19, Holotype.

Oyama, K. (1973): continued

CM20188. *Cerithideopsis (Cerithideopsilla) djadjariensis* (Martin (K.)), p.23, pl.5, fig.24a,b. (missing)

CM20189. *Batillaria multiformis* (Lischke), p.23, pl.5, fig.20a,b.

CM20191. *Triphora otsuensis* (Yokoyama), p.27, pl.6, fig.2a,b, "Lectotype" [to be Holotype].

CM20192. *Trichotropis (Trichosirius) planicostata* Yokoyama, p.33, pl.7, fig.4, Holotype.

CM20193. *Serpulorbis medusae* (Pilsbry), p.22, pl.4, fig.19.

CM20196. *Turritella (Neohaustator) nipponica nipponica* Yokoyama, p.21, pl.4, fig.8, Lectotype.

CM20197. *Turritella (Neohaustator) nipponica nojimensis* Ida, p.22, pl.4, fig.9.

CM20198. *Turritella (Neohaustator) nipponica nojimensis* Ida, p.22, pl.4, fig.10. (missing)

CM20199. *Turritella (Neohaustator) nipponica miyata* Ida, p.22, pl.4, fig. 11.

CM20205. *Architectonica (Solariaxis) lenticulata* (Yokoyama), p.31, pl.3, fig.20a,b, "Holotype" [to be Lectotype].

CM20207. *Rissoina (Rissoina) laevicostulata* Pilsbry, p.20, pl.4, fig.7a,b.

CM20208. *Rissoina (Rissoinella) zeltenerioides* Yokoyama, p.20, pl.4, fig. 12a,b, Holotype.

CM20209. *Clathrofenella reticulata* (Adams (A.)), p.24, pl.5, fig.11a,b.

CM20211. *Lissotesta sobrina* (Adams (A.)), p.16, pl.3, fig.4a-c. (missing)

CM20213. *Calyptraea (Calyptraea) yokoyamai* Kuroda, p.33, pl.8, fig.3a-c.

CM20214. *Syphopatella walshi* (Reeve), p.34, pl.8, fig.6a-c. (missing)

CM20215. *Syphopatella walshi* (Reeve), p.34, pl.8, fig.5a-c. (missing)

CM20217. *Cryptonatica janthostomoides* (Kuroda & Habe), p.32, pl.7, fig.13.

CM20218. *Cryptonatica janthostomoides* (Kuroda & Habe), p.32, pl.7, fig. 12a,b.

CM20231. *Uberella yokoyamai* (Kuroda & Habe), p.31, pl.7, fig.11a,b. (missing)

CM20232. *Neverita (Glossaulax) didyma* (Röding) var., p.32, pl.7, fig.1a,b.

CM20233. *Neverita (Glossaulax) reiniana* (Dunker), p.32, pl.7, fig.2a,b. (missing)

CM20237. *Cirsotrema turriculoides* (Yokoyama), p.27, pl.6, fig.28. Holotype.

CM20238a. *Amaea densicostata* (Yokoyama), p.28, pl.6, fig.29a,b, Paralectotype. (missing)

Oyama, K. (1973): continued

CM20238b. *Amaea densicostata* (Yokoyama), p.28, pl.6, fig.30, Lectotype. (missing)

CM20239. *Balcis yokosukensis* (Yokoyama), p.30, pl.6, fig.10a,b, Holotype.

CM20240. *Balcis sagamiana* (Yokoyama), p.30, pl.6, fig.8a,b, Holotype.

CM20241. *Tiberia (Orinella) pseudopulchella* (Yokoyama), p.63, pl.17, fig. 22a,b, Holotype.

CM20243. *Odostomia (Odostomia) hilgendorfi* Clessin, p.60, pl.18, fig.4a,b.

CM20245. *Chrysallida (Salassiella)* sp., p.58, pl.18, fig.19a,b.

CM20246. *Odostomia (Odostomia) sublimpida* Yokoyama, p.60, pl.18, fig.14a, b, Lectotype.

CM20248. *Cingulina (Cingulina) circinata* (Adams (A.)), p.64, pl.17, fig. 24a,b.

CM20250. *Turbonilla (Chemnitzia) subapproximata* Yokoyama, p.64, pl.18, fig.25a,b, Holotype.

CM20251. *Turbonilla (Paramormula) tokunagai* Yokoyama, p.66, pl.18, fig. 23a,b, Holotype.

CM20252a. *Lunella coronata coreensis* (Récluz), p.17, pl.3, fig.13a,b.

CM20252b. *Lunella coronata coreensis* (Récluz)[operculum], p.17, pl.3, fig. 12a-c.

CM20254. *Homalopoma sangarense* (Schrenck), p.16, pl.3, fig.8a,b.

CM20258. *Homalopoma amussitatum* (Gould), p.16, pl.3, fig.6a,b.

CM20265. *Littorina brevicula* (Philippi), p.18, pl.1, fig.16a,b.

CM20266. *Enida japonica* Adams (A.), p.13, pl.2, fig.2a-c.

CM20267. *Tegula (Chlorostoma) pfeifferi* (Philippi), p.14, pl.3, fig.3a-d.

CM20268. *Tegula (Chlorostoma) rustica* (Gmelin), p.14, pl.3, fig.1a-d.

CM20269. *Cantharidus (Cantharidus) callichrous* (Philippi), p.14, pl.1, fig.18a,b. (missing)

CM20270. *Bathybembix crumpi yokoyamai* (Otuka), p.12, pl.1, fig.21, Lectotype. (missing)

CM20271. *Bathybembix crumpi yokoyamai* (Otuka), p.12, pl.1, fig.22, Paralectotype.

CM20276. *Bathybembix argenteonitens* (Lischke)(f. *convexiusculus* Yokoyama), p.12, pl.1, fig.24a,b, Lectotype.

CM20278. *Ethaliopsis* sp., p.11, pl.1, fig.20.

CM20280. *Minolia (Machaeroplax) delicata* (Dall), p.12, pl.2, fig.13.

CM20281. *Turcica coreensis* Pease, p.12, pl.2, fig.16.

Oyama, K. (1973): continued

CM20282. *Calliostoma (Tristichotrochus) shinagawense cipangoanum* Yokoyama, p.13, pl.2, fig.9a,b, Holotype. (missing)

CM20283. *Calliostoma (Tristichotrochus) consors* (Lischke), p.13, pl.2, fig.8a,b.

CM20284. *Euchelus pauperculus* (Lischke), p.13, pl.1, fig.19a,b.

CM20285. *Suchium giganteum* (Lesson), p.15, pl.3, fig.16.

CM20286. *Suchium costatum* (Kiener), p.16, pl.3, fig.19.

CM20287. *Pygmaerota duplicata* (Lischke), p.21, pl.3, fig.9a-c.

CM20288. *Macroschisma sinense* Adams (A.), p.11, pl.1, fig.17.

CM20291. *Diodora yokoyamai kosibensis* Otuka, p.11, pl.1, fig.10a,b, Holotype.

CM20292. *Puncturella (Puncturella) fastigiata* Adams (A.), p.11, pl.1, fig.11a,b.

CM20294. *Emarginula fragilis* Yokoyama, p.10, pl.1, fig.13a,b, Holotype.

CM20295. *Tugali vadososinuata* (Yokoyama), p.10, pl.1, fig.2a,b.

CM20297. *Collisella (Conoidacmea) heroldi* (Dunker), p.9, pl.1, fig.8a,b.

CM20300. *Cocculina kuragiensis* (Yokoyama), p.18, pl.1, fig.9a,b, Holotype.

CM20301. *Cocculina ? nojimensis* (Yokoyama), p.18, pl.1, fig.7a,b, Holotype.

CM20302. *Acmaea pallida* (Gould), p.9, pl.1, fig.1a,b.

CM20303. *Acmaea pallida* (Gould), p.9, pl.1, fig.5a,b.

CM20306. *Dentalium (Fissidentalium) yokoyamai* Makiyama, p.73, pl.20, fig. 6a-c.

CM20314. *Dentalium (Antalis) septentrionale* Kuroda, p.72, pl.20, figs. 7a,b,11,14.

CM20320. *Dentalium (Paradentalium) octangulatum hexagonum* Gould, p.72, pl.20, fig.22a,b. (missing)

CW20325. *Ditrupa edoensis* (Tokunaga), p.122, pl.20, fig.12a,b.

CW20328. *Ditrupa edoensis* (Tokunaga), p.122, pl.20, fig.16a,b.

CW20329. *Ditrupa edoensis* (Tokunaga), p.122, pl.20, fig.15a,b.

CM20330. *Barnea (Anchomasa) manilensis inornata* (Pilsbry), p.117, pl.56, fig.1a,b.

CM20333. *Nettastomella japonica* (Yokoyama), p.118, pl.56, fig.5a-c, Lectotype.

CM20335. *Hiatella orientalis* (Yokoyama), p.115, pl.38, fig.10a,b, Lectotype.

CM20336. *Hiatella orientalis* (Yokoyama), p.115, pl.38, fig.13a,b, Paralectotype.

Oyama, K. (1973): continued

CM20337. *Umitakea japonica* (Yokoyama), p.117, pl.56, fig.9a-c, Lectotype.

CM20338. *Umitakea japonica* (Yokoyama), p.117, pl.56, fig.4a,b, Paralectotype.

CM20339. *Caryocorbula (Anisocorbula) venusta* (Gould), p.116, pl.55, fig. 5a-e.

CM20348. *Anisodonta (Furcrella) gouldi* (Adams (A.)), p.93, pl.38, fig. 17a,b.

CM20349. *Anisodonta (Anisodonta) recluzi* (Adams (A.)), p.93, pl.38, fig. 18a,b.

CM20350. *Anisodonta (Anisodonta) recluzi* (Adams (A.)), p.93, pl.38, fig. 19a,b.

CM20351. *Coecella chinensis* Deshayes, p.107, pl.49, fig.1a,b.

CM20352. *Coecella chinensis* Deshayes, p.107, pl.49, fig.2.

CM20353. *Mactra (Mactra) veneriformis* Reeve, p.108, pl.49, fig.6a,b.

CM20355. *Lutraria sieboldi* Reeve, p.109, pl.51, fig.4a,b.

CM20358. *Solen gordonis* Yokoyama, p.114, pl.54, fig.2a,b, Lectotype.

CM20360. *Azorinus abbreviatus* (Gould), p.111, pl.54, fig.4a,b.

CM20361. *Azorinus abbreviatus* (Gould), p.111, pl.54, fig.5a,b. (missing)

CM20363. *Solecurtus divaricatus* (Lischke), p.111, pl.54, fig.7.

CM20364. *Fabulina (Fabulina) nitidula* (Dunker), p.113, pl.53, fig.10a,b.

CM20366. *Merisca subtruncata* (Hanley), p.112, pl.53, fig.8a,b.

CM20367. *Merisca subtruncata* (Hanley), p.112, pl.53, fig.7a,b.

CM20370. *Angulus vestalioides* (Yokoyama), p.114, pl.53, fig.12a,b, Lectotype.

CM20372. *Merisca tokunagai* (Ikebe), p.112, pl.53, fig.11a,b, Holotype.

CM20374. *Semelangulus miyatensis* (Yokoyama), p.111, pl.53, fig.1a,b, "Lectotype" [to be Holotype].

CM20375. *Macoma incongrua* (v. Martens), p.113, pl.52, fig.12a,b.

CM20376. *Macoma incongrua* (v. Martens), p.113, pl.52, fig.13.

CM20378. *Macoma incongrua* (v. Martens), p.113, pl.52, fig.9a,b.

CM20379. *Macoma incongrua* (v. Martens), p.113, pl.52, fig.11a,b. (missing)

CM20381. *Macoma nipponica* (Tokunaga), p.113, pl.52, fig.7a,b.

CM20382. *Macoma nipponica* (Tokunaga), p.113, pl.52, fig.10a,b.

CM20385. *Dosinia (Phacosoma) sericea* (Reeve), p.102, pl.44, fig.4a,b.

CM20386. *Dosinia (Phacosoma) japonica* (Reeve), p.103, pl.44, fig.7a,b.

Oyama, K. (1973): continued

CM20388. *Cyclina orientalis* (Sowerby (G. B. II)), p.103, pl.44, fig.9.

CM20389. *Cyclina orientalis* (Sowerby (G. B. II)), p.103, pl.44, fig.5.

CM20391. *Callista chinensis* (Holten), p.101, pl.45, fig.1.

CM20392. *Callista chinensis* (Holten), p.101, pl.45, fig.2a,b.

CM20394. *Protothaca (Protothaca) jedoensis* (Lischke), p.104, pl.47, fig. 8a,b.

CM20395. *Protothaca (Protothaca) jedoensis* (Lischke), p.104, pl.47, fig. 6a,b.

CM20401. *Clausinella (Placamen) tiara* (Dillwyn), p.104, pl.47, fig.9a,b.

CM20403. *Anomalocardia (Veremolpa) minuta* (Yokoyama), p.104, pl.47, fig. 3a,b, Lectotype. (missing)

CM20405. *Circe yokoyamai* Otuka, p.101, pl.44, fig.8a,b, Paralectotype. (missing)

CM20406. *Circe yokoyamai* Otuka, p.101, pl.44, fig.6a,b, Lectotype. (missing)

CM20407. *Notirus mitis* (Deshayes), p.106, pl.38, fig.20a,b.

CM20410. *Petricola (Pseudoirus) mirabilis* (Deshayes), p.107, pl.38, fig. 23a,b.

CM20411. *Notirus ishibashianus* (Kuroda & Habe), p.106, pl.38, fig.25a,b.

CM20414. *Tapes (Ruditapes) variegatus kioroshiensis* (Hirayama & Ando), p.105, pl.48, fig.3.

CM20415. *Tapes (Ruditapes) variegatus kioroshiensis* (Hirayama & Ando), p.105, pl.48, fig.4a,b.

CM20417. *Tapes (Ruditapes) japonicus* (Deshayes), p.105, pl.48, fig.1a,b.

CM20419. *Paphia (Paphia) naganumana* Otuka, p.105, pl.48, fig.6a,b, Lectotype.

CM20420. *Saxidomus purpurata* (Sowerby (G. B. II)), p.102, pl.46, fig.4.

CM20421. *Saxidomus purpurata* (Sowerby (G. B. II)), p.102, pl.46, fig.5.

CM20426. *Clinocardium (Clinocardium) californiense* (Deshayes), p.100, pl.43, fig.7a,b.

CM20431. *Fulvia mutica* (Reeve), p.100, pl.42, fig.7a,b.

CM20435. *Nemocardium (Keenaea) samarangae* Makiyama, p.99, pl.43, fig.3a,b. (missing)

CM20436. *Nemocardium (Keenaea) samarangae* Makiyama, p.99, pl.43, fig.2. (missing)

CM20438. *Clinocardium (Fuscocardium) braunsi* (Tokunaga), p.100, pl.43, fig.1a,b.

Oyama, K. (1973): continued

CM20439. *Diplodonta (Felaniella) usta* (Gould), p.94, pl.39, fig.9.

CM20440. *Diplodonta (Felaniella) usta* (Gould), p.94, pl.39, fig.7.

CM20441. *Diplodonta (Felaniella) usta* (Gould), p.94, pl.39, fig.10.

CM20444. *Cycladicama semiasperoides* (Nomura), p.94, pl.39, fig.3a,b. (missing)

CM20445. *Cycladicama semiasperoides* (Nomura), p.94, pl.39, fig.6. (missing)

CM20448. *Diplodonta (Phlyctiderma) japonica* Pilsbry, p.94, pl.39, fig.4a,b.

CM20449. *Diplodonta (Diplodonta) gouldi* Yokoyama, p.94, pl.39, fig.11a-c, Lectotype.

CM20451. *Pillucina (Pillucina) pisidium* (Dunker), p.96, pl.40, fig.6a-c.

CM20454. *Lucinoma concentricum* (Yokoyama), p.96, pl.40, fig.8a,b. (missing)

CM20457. *Pillucina (Wallucina) striata* (Tokunaga), p.96, pl.40, fig.3a,b.

CM20460. *Lucinoma spectabile* (Yokoyama), p.96, pl.40, figs.5,9, Lectotype. (missing)

CM20461. *Lucinoma spectabile* (Yokoyama), p.96, pl.40, fig.10, Paralectotype.

CM20462. *Pillucina (Sydlorina) yamakawai* (Yokoyama), p.96, pl.40, fig. 7a-c, Holotype.

CM20463. *Chama (Chama) fragum* Reeve, p.99, pl.42, fig.1a-c.

CM20464. *Chama (Chama) fragum* Reeve, p.99, pl.42, fig.4a-c.

CM20468. *Cardita nodulosa* Lamarck, p.91, pl.38, fig.1a-c.

CM20469. *Cardita leana* Dunker, p.91, pl.38, fig.2a-c.

CM20472. *Venericardia (Megacardita) ferruginosa* (Adams & Reeve), p.91, pl.37, fig.11a-c.

CM20475. *Venericardia (Cyclocardia) ferruginea* ((Adams) Clessin), p.91, pl.37, fig.12a-c. (missing)

CM20476. *Venericardia (Cyclocardia) ferruginea* ((Adams) Clessin), p.91, pl.37, fig.15a-c.

CM20486. *Astarte (Astarte) hakodatensis* Yokoyama, p.90, pl.37, fig.1a-c, "Paratype" [to be Lectotype].

CM20487. *Astarte (Astarte) hakodatensis* Yokoyama, p.90, pl.37, fig.2a-c, "Lectotype" [to be Paralectotype].

CM20491. *Lucinoma concentricum* (Yokoyama), p.96, pl.40, fig.11a-c, Lectotype.

CM20493. *Crassatella (Eucrassatella) nana* Adams & Reeve, p.90, pl.37, fig.8.

Oyama, K. (1973): continued

CM20494. *Crassatella (Eucrassatella) nana* Adams & Reeve, p.90, pl.37, fig.9.

CM20497. *Crassatella (Crassatina) oblongata* Yokoyama, p.90, pl.37, fig. 3a-c, "Paralectotype" [to be Lectotype].

CM20498. *Crassatella (Crassatina) oblongata* Yokoyama, p.90, pl.37, fig. 6a-c, "Lectotype" [to be Paralectotype].

CM20501. *Myadora ikebei* Habe, p.119, pl.57, fig.2a-d.

CM20502. *Myadora ikebei* Habe, p.119, pl.57, fig.3a,b.

CM20503. *Myadora yokoyamai* (Otuka MS.) Habe, p.119, pl.57, fig.6a,b, Lectotype.

CM20504. *Myadora yokoyamai* (Otuka MS.) Habe, p.119, pl.57, fig.5a,b, Paralectotype.

CM20506. *Septifer (Mytilisepta) keeni* Nomura, p.80, pl.27, fig.5a,b.

CM20509. *Mytilus coruscus* Gould, p.81, pl.27, fig.11a,b.

CM20511. *Modiolus (Modiolus) modiolus difficilis* (Kuroda & Habe), p.81, pl.27, fig.8.

CM20516. *Anomia cytaeum* Gray, p.88, pl.28, fig.3a,b.

CM20520. *Anomia cytaeum* Gray var., p.88, pl.28, fig.6a,b.

CM20521. *Anomia cytaeum* Gray, p.88, pl.28, fig.2a,b.

CM20528. *Acesta goliath* Sowerby (G. B. II), p.88, pl.36, fig.7a,b.

CM20529. *Acesta goliath* Sowerby (G. B. II), p.88, pl.36, fig.8a,b.

CM20532. *Lima zushiensis* Yokoyama, p.87, pl.36, fig.6, Lectotype. (missing)

CM20534. *Limaria hakodatensis* (Tokunaga), p.87, pl.36, fig.5a-c.

CM20535. *Limatula (Stabilima) japonica* Adams (A.), p.86, pl.34, fig.6a-c.

CM20537. *Limatula (Limatula) kurodai* Oyama, p.87, pl.34, fig.5a-c.

CM20539. *Lima quantoensis* Yokoyama, p.87, pl.36, fig.4a-c, Lectotype. (missing)

CM20541. *Chlamys (Chlamys) squamata* (Gmelin), p.84, pl.32, fig.12. (missing)

CM20543. *Chlamys (Chlamys) farreri* (Jonas & Preston) var., p.83, pl.32, fig.5.

CM20544. *Chlamys (Chlamys) farreri* (Jonas & Preston) var., p.83, pl.32, fig.6.

CM20545. *Chlamys (Mimachlamys) nobilis* (Reeve), p.84, pl.32, fig.2.

CM20546. *Chlamys (Mimachlamys) jousseaumei* Bavay, p.84, pl.31, fig.10.

CM20547. *Chlamys (Mimachlamys) jousseaumei* Bavay, p.84, pl.31, fig.11.

Oyama, K. (1973): continued

CM20548. *Chlamys (Veprichlamys) jousseaumei* Bavay, p.84, pl.31, fig.11.

CM20549. *Aequipecten (Cryptopecten) vesiculosus* (Dunker), p.85, pl.34, fig.2. (missing)

CM20550. *Aequipecten (Cryptopecten) vesiculosus* (Dunker), p.85, pl.34, fig.1. (missing)

CM20551. *Aequipecten (Cryptopecten) vesiculosus* (Dunker), p.85, pl.34, fig.3.

CM20553. *Chlamys (Chlamys) cosibensis* (Yokoyama), p.83, pl.32, fig.3.

CM20554. *Chlamys (Chlamys) cosibensis* (Yokoyama), p.83, pl.32, fig.1.

CM20555. *Chlamys (Chlamys) cosibensis* (Yokoyama), p.83, pl.32, fig.4.

CM20556. *Chlamys (Chlamys) cosibensis* (Yokoyama), p.83, pl.32, fig.8, Paralectotype.

CM20557. *Chlamys (Chlamys) cosibensis* (Yokoyama), p.83, pl.32, fig.7. Lectotype.

CM20559. *Polynemamussium intuscostatum* (Yokoyama), p.83, pl.33, fig.1a,b, "Lectotype" [to be Syntype].

CM20560. *Polynemamussium intuscostatum* (Yokoyama), p.83, pl.33, fig.3a,b, "Lectotype" [to be Syntype].

CM20562. *Chlamys (Chlamys) miurensis* (Yokoyama), p.84, pl.31, fig.13, Lectotype.

CM20563. *Chlamys (Chlamys) miurensis* (Yokoyama), p.84, pl.31, fig.14, Paralectotype.

CM20564. *Chlamys (Chlamys) miurensis* (Yokoyama), p.84, pl.31, fig.12, Paralectotype.

CM20565. *Chlamys (Chlamys) miurensis* (Yokoyama), p.84, pl.31, fig.8, Paralectotype.

CM20566. *Chlamys (Chlamys) miurensis* (Yokoyama), p.84, pl.31, fig.7, Paralectotype.

CM20567. *Pecten (Yabepecten) tokunagai* Yokoyama, p.86, pl.35, fig.5, Holotype.

CM20568. *Pecten (Mizuhopecten) tokyoensis* Tokunaga, p.86, pl.35, fig.4.

CM20569. *Pecten (Mizuhopecten) tokyoensis* Tokunaga, p.86, pl.35, fig.7.

CM20577. *Pecten (Mizuhopecten) yessoensis* Jay var., p.86, pl.35, fig.3.

CM20578. *Pecten (Mizuhopecten) yessoensis* Jay var., p.86, pl.35, fig.6.

CM20582. *Pecten (Notovola) albicans albicans* (Schröter), p.85, pl.34, fig.8.

CM20583. *Pecten (Notovola) albicans albicans* (Schröter), p.85, pl.33, fig.11.

Oyama, K. (1973): continued

CM20586. *Pecten (Notovola) albicans naganumanus* Yokoyama, p.85, pl.34, fig.4, "Paratype" [to be Paralectotype].

CM20587. *Pecten (Notovola) albicans naganumanus* Yokoyama, p.85, pl.33, fig.8, Paralectotype.

CM20588. *Pecten (Notovola) albicans naganumanus* Yokoyama, p.85, pl.33, fig.10, Lectotype.

CM20590. *Ostrea denselamellosa* Lischke, p.89, pl.30, fig.1a,b. (missing)

CM20591. *Crassostrea gigas* (Thunberg), p.89, pl.30, fig.2a,b. (missing)

CM20595. *Crassostrea gigas* (Thunberg), p.89, pl.29, fig.1a,b.

CM20596. *Ostrea circumpicta* Pilsbry, p.89, pl.28, fig.14a,b.

CM20597. *Crassostrea gigas* (Thunberg), p.89, pl.29, fig.4a,b.

CM20598. *Ostrea circumpicta* Pilsbry, p.89, pl.28, fig.12.

CM20599. *Pycnodonta musashiana* (Yokoyama), p.89, pl.28, fig.7a-c, Paralectotype.

CM20600. *Pycnodonta musashiana* (Yokoyama), p.89, pl.28, fig.13a-c, Paralectotype.

CM20601. *Pycnodonta musashiana* (Yokoyama), p.89, pl.28, fig.11a-c, Lectotype.

CM20602. *Pycnodonta musashiana* (Yokoyama), p.89, pl.28, fig.9, Paralectotype.

CM20603. *Pycnodonta musashiana* (Yokoyama), p.89, pl.28, fig.10,Paralectotype.

CM20605. *Arca boucardi miyatensis* Oyama [nom. nud.], p.78, pl.25, fig. 7a-c. "Holotype".

CM20611. *Striarca (Didimacar) tenebrica* (Reeve), p.80, pl.26, fig.6a,b.

CM20612. *Barbatia (Barbatia ?)* sp., p.78, pl.25, fig.10a,b. (missing)

CM20613. *Striarca (Galactella) interplicata* (Grabau & King), p.79, pl.26, fig.4a,b.

CM20619. *Glycymeris (Glycymeris) vestita* (Dunker), p.74, pl.22, fig.11a,b. (missing)

CM20620. *Glycymeris (Glycymeris) vestita* (Dunker), p.76, pl.23, fig.4; pl.24, fig.4.

CM20625. *Glycymeris (Glycymeris) nipponica* (Yokoyama), p.77, pl.22, fig. 1a-c, Lectotype.

CM20626. *Glycymeris (Glycymeris) nipponica* (Yokoyama), p.77, pl.22, fig. 7a,b, Paralectotype.

CM20627. *Glycymeris (Glycymeris) nipponica* (Yokoyama), p.77, pl.22, fig. 2a-c, Paralectotype. (missing)

Oyama, K. (1973): continued

CM20628. *Glycymeris (Glycymeris) nipponica* (Yokoyama), p.77, pl.22, fig. 3a,b, Paralectotype. (missing)

CM20629. *Glycymeris (Glycymeris) nipponica* (Yokoyama), p.77, pl.22, fig. 4a,b, Paralectotype.

CM20635. *Glycymeris (Glycymeris) yessoensis* (Sowerby (G. B. II)), p.76, pl.23, fig.8; pl.24, fig.6.

CM20636. *Glycymeris (Glycymeris) yessoensis* (Sowerby (G. B. II)), p.76, pl.23, fig.6; pl.24, fig.8.

CM20639. *Glycymeris (Tucetilla) pilsbryi* (Yokoyama), p.77, pl.22, fig. 12a-c, Lectotype.

CM20642. *Pseudogrammatodon dalli obliquatus* (Yokoyama), p.77, pl.25, fig. 1a-c, Paralectotype.

CM20643. *Pseudogrammatodon dalli obliquatus* (Yokoyama), p.77, pl.25, fig. 2a-c, Lectotype.

CM20644. *Pseudogrammatodon dalli obliquatus* (Yokoyama), p.77, pl.25, fig. 3a,b, Paralectotype.

CM20645. *Pseudogrammatodon dalli obliquatus* (Yokoyama), p.77, pl.25, fig. 4a-c, Paralectotype.

CM20649. *Limopsis (Limopsis) auritoides* Yokoyama, p.75, pl.21, fig.17a,b, Paralectotype.

CM20650. *Limopsis (Limopsis) auritoides* Yokoyama, p.75, pl.21, fig.14a-c, Lectotype.

CM20652. *Limopsis (Limopsis) tokaiensis* Yokoyama, p.75, pl.21, fig.23a-c, Lectotype.

CM20653. *Limopsis (Limopsis) tokaiensis* Yokoyama, p.75, pl.21, fig.18a-c, Paralectotype. (missing)

CM20654. *Limopsis (Limopsis) tokaiensis* Yokoyama, p.75, pl.21, fig.20a-c, Paralectotype. (missing)

CM20665. *Limopsis (Crenulilimopsis) crenata* Adams (A.), p.75, pl.21, fig. 10a-c. (missing)

CM20666. *Limopsis (Crenulilimopsis) crenata* Adams (A.), p.75, pl.21, fig. 7a-c.

CM20678. *Limopsis (Limopsis ?) adamsiana* Yokoyama, p.75, pl.21, fig.13a-c, Paralectotype. (missing)

CM20679. *Limopsis (Limopsis ?) adamsiana* Yokoyama, p.75, pl.21, fig.11a-c, Lectotype.

CM20681. *Nuculana (Nuculana) yokoyamai* Kuroda, p.73, pl.21, fig.6a-c, Lectotype. (missing)

CM20683. *Saccella gordonis* (Yokoyama), p.74, pl.21, fig.2a,b, Paralectotype. (missing)

Oyama, K. (1973): continued

CM20684. *Saccella gordonis* (Yokoyama), p.74, pl.21, fig.1a-c, Lectotype. (missing)

CM20685. *Yoldia (Yoldia) naganumana* (Yokoyama), p.74, pl.21, fig.3a-c, Holotype. (missing)

CM20686. *Acila (Acila) minutoides* Kuroda & Habe, p.74, pl.20, fig.27.

CM20687. *Acila (Acila) minutoides* Kuroda & Habe, p.74, pl.20, fig.26a-c.

CM20688. *Acila (Acila) divaricata* (Hinds), p.75, pl.20, fig.25a-c. (missing)

CM20690. *Nucula (Lamellinucula) tokyoensis* Yokoyama, p.74, pl.20, fig. 28a-c, Paralectotype. (missing)

CM20691. *Nucula (Lamellinucula) tokyoensis* Yokoyama, p.74, pl.20, fig. 29a-c, Lectotype. (missing)

CM20728. *Solidula (Strigopupa) strigosa* (Gould), p.67, pl.19, fig.5a-c.

CM20731. *Solidula (Solidula) clathrata* Yokoyama, p.67, pl.19, fig.2a,b, Lectotype.

CM20733. *Leucotina gigantea* (Dunker), p.59, pl.17, fig.20.

CM20736. *Acteocina (Tornatina) exilis* (Dunker), p.69, pl.19, fig.15a-c.

CM20740. *Acteocina (Decorifer) longispirata* (Yamakawa), p.70, pl.19, fig. 10a,b. (missing)

CM20743. *Acteocina (Decorifer) globosa* (Yamakawa), p.70, pl.19, fig.18a-c. (missing)

CM20746. *Acteocina (Decorifer) delicatula* (Adams (A.)), p.70, pl.19, fig. 27a-c.

CM20749. *Rhizorus cylindrellus* (Adams (A.)), p.69, pl.19, fig.13a-c.

CM20752. *Rhizorus acutaeformis* (Yokoyama), p.69, pl.19, fig.19a,b, Lectotype. (missing)

CM20754. *Adamnestia japonica* (Adams (A.)), p.71, pl.19, fig.31.

CM20758. *Philine vitrea* Gould, p.71, pl.20, fig.1a,b.

CM20759. *Philine vitrea* Gould (?), p.71, pl.20, fig.2a,b.

CM20760. *Yokoyamaia (Choshiphiline) pygmaea* (Yokoyama), p.72, pl.20, fig.5a,b, Lectotype. (missing)

CM20762. *Velutina (Velutella) takatensis* (Yokoyama), p.35, pl.8, fig.2a-c, Holotype.

CM20763. *Abderospira punctulata* (Adams (A.)), p.71, pl.19, fig.22a-c.

CM20765. *Haloa rotundata* (Adams (A.)), p.68, pl.19, fig.4.

CM20766. *Ringicula doliaris* Gould, p.67, pl.19, fig.9a,b.

CM20767. *Ringicula doliaris* Gould, p.67, pl.19, fig.6a,b.

Oyama, K. (1973): continued

CM20773. *Hastulopsis melanacme* (Smith (E. A.)), p.55, pl.17, fig.7a-c.

CM20774. *Strioterebrum (Cinguloterebra) hedleyanum* (Pilsbry), p.57, pl.17, fig.9a-d.

CM20777. *Laeviacus pustulosa* (Smith (E. A.)), p.56, pl.17, fig.16a,b.

CM20780. *Noditerebra (Pristiterebra) tsuboiana* (Yokoyama), p.56, pl.17, fig.5a,b.

CM20781. *Strioterebrum (Cinguloterebra) hedleyanum quadriaratum* Yokoyama, p.57, pl.17, fig.6a,b, Holotype.

CM20782. *Noditerebra (Noditerebra) evoluta latisulcata* (Yokoyama), p.56, pl.17, fig.8a,b, Lectotype.

CM20784. *Noditerebra (Pristiterebra) suavidica* (Yokoyama), p.56, pl.17, fig.10a,b, Lectotype.

CM20786. *Noditerebra (Pristiterebra) tsuboiana* (Yokoyama), p.56, pl.17, fig.13, Paralectotype.

CM20787. *Noditerebra (Pristiterebra) tsuboiana* (Yokoyama), p.56, pl.17, fig.14, Lectotype. (missing)

CM20789. *Aesopus japonicus* Gould, p.42, pl.14, fig.6a,b. (missing)

CM20790. *Suavodrillia declivis* (v. Martens), p.52, pl.16, fig.1a-c.

CM20794. *Ophiodermella pseudopannus* (Yokoyama), p.53, pl.16, fig.5a,b, Holotype. (missing)

CM20795. *Ophiodermella miyatensis* (Yokoyama), p.52, pl.16, fig.6a,b.

CM20796. *Ophiodermella ogurana* (Yokoyama), p.53, pl.16, fig.10a-c, Holotype.

CM20799. *Clathurella (Etremopa) subauriformis* (Smith (E. A.)), p.54, pl. 16, fig.15a-c.

CM20801. *Elaeocyma (Elaeocyma) glabriuscula* (Yokoyama), p.49, pl.15, fig. 4a-c, Lectotype.

CM20803. *Elaeocyma (Elaeocyma) glabriuscula* (Yokoyama)(forma *brevis* Yokoyama), p.50, pl.15, fig.2a-c, Holotype. (missing)

CM20807. *Horaiclavus shitoensis* Oyama [nom. nud.], p.50, pl.15, fig.7a-c, "Holotype".

CM20809. *Haedropleura fukuchiana* (Yokoyama), p.50, pl.15, fig.6a-c, "Lectotype" [to be Holotype].

CM20810. *Rubellatoma longispira* (Smith (E. A.)), p.54, pl.16, fig.16a-c.

CM20812. *Ithycythara oyuana* (Yokoyama), p.54, pl.16, fig.12a,b, Holotype.

CM20813. *Propebela yokoyamai* (Onoyama), p.53, pl.16, fig.7a,b.

CM20815. *Asperdaphne reticostulata* (Yokoyama), p.54, pl.16, fig.13a-c, Holotype.

Oyama, K. (1973): continued

CM20822. *Cancellaria (Habesolatia) nodulifera* Sowerby (G. B. I.), p.48, pl.15, fig.15a,b.

CM20827. *Cancellaria (Sydaphera) spengleriana* Deshayes, p.44, pl.15, fig. 19a,b.

CM20831. *Olivella japonica* (Stearns) Pilsbry, p.47, pl.14, fig.16a-c.

CM20838. *Olivella spretoides* Yokoyama, p.47, pl.14, fig.10a,b, Lectotype. (missing)

CM20840. *Ancilla (Baryspira) hinomotoensis* Yokoyama, p.47, pl.14, fig. 15a-c, Lectotype.

CM20842. *Crithe cotamago* (Yokoyama), p.49, pl.16, fig.19a-c, Lectotype.

CM20844. *Crithe cotamago* (Yokoyama), p.49, pl.16, fig.18a-c.

CM20846. *Microvoluta hondana* (Yokoyama), p.47, pl.14, fig.19a,b. Lectotype.

CM20848. *Microvoluta hondana* (Yokoyama), p.47, pl.14, fig.20a,b.

CM20853. *Searlesia fuscolabiata* (Smith (E. A.)), p.44, pl.13, fig.5.

CM20857. *Granulifusus musasiensis* (Makiyama), p.46, pl.14, fig.29a,b.

CM20859. *Neptunea (Barbitonia) arthritica* (Bernardi), p.42, pl.13, fig.9.

CM20866. *Beringius (Japelion) adelphicus* (Dall), p.42, pl.12, fig.8.

CM20869. *Oenopota nipponica* (Yokoyama), p.53, pl.16, fig.17a,b, Holotype.

CM20871. *Siphonalia fusoides* (Reeve), p.43, pl.12, fig.12.

CM20872. *Siphonalia fusoides* (Reeve), p.43, pl.12, fig.10.

CM20873. *Siphonalia cassidariaeformis* (Reeve), p.43, pl.12, fig.5a,b.

CM20874. *Siphonalia fusoides* (Reeve), p.43, pl.12, fig.2a,b. (missing)

CM20880. *Charonia sauliae* (Reeve), p.37, pl.9, fig.6a,b.

CM20881. *Volutharpa perryi* (Jay), p.45, pl.13, fig.10. (missing)

CM20885. *Babylonia japonica* (Reeve), p.44, pl.13, fig.8.

CM20897. *Tritia (Tritonella) fuscolineata* (Smith (E. A.)), p.45, pl.14, fig.18a,b.

CM20899. *Mitrella (Indomitrella) yabei* Nomura, p.41, pl.14, fig.3a,b.

CM20902. *Mitrella (Indomitrella) turriculata* (Yokoyama), p.41, pl.14, fig.11a,b, Holotype.

CM20903. *Mitrella (Indomitrella) lischkei* (Smith (E. A.)), p.41, pl.14, fig.4a,b.

CM20907. *Mitrella (Mitrella) bicincta* (Gould), p.40, pl.14, fig.12a,b.

CM20911. *Mitrella (Mitrella) bicincta* (Gould), p.40, pl.14, fig.1a,b.

CM20917. *Bedevina birileffi* (Lischke), p.39, pl.11, fig.4a,b. (missing)

Oyama, K. (1973): continued

CM20918. *Trophon (Boreotrophon) candelabrum* (Reeve), p.39, pl.11, fig. 11a,b.

CM20921. *Siphonochelus japonicus* (Adams (A.)), p.40, pl.11, fig.20a,b.

CM20923. *Ceratostoma (Ocenebra) aduncum* (Sowerby (G. B. I.)), p.39, pl. 11, fig.13a,b.

CM20926. *Ceratostoma (Ocenebra) aduncum* (Sowerby (G. B. I.)), p.39, pl. 11, fig.9a,b.

CM20928. *Rapana venosa* (Valenciennes), p.38, pl.10, fig.6a,b.

CM20932. *Nucella heyseana* (Dunker), p.38, pl.11, fig.14a,b.

CM20934. *Cymatium (Reticutriton) tenuiliratum* (Lischke), p.36, pl.9, fig. 7a,b.

CM20937. *Phalium (Bezoardicella) variegatum* (Perry), p.36, pl.8, fig.4.

CM20940. *Tonna luteostoma* (Küster), p.37, pl.10, fig.1. (missing)

CM20946. *Proterato (Sulcerato) callosa* (Adams & Reeve), p.35, pl.8, fig. 10a-c.

CM20948. *Canarium (Doxander) japonicum* (Reeve), p.34, pl.10, fig.4a,b.

CM20949. *Rhinoclavis (Ochetoclava) kochi* (Philippi), p.26, pl.5, fig.27a,b.

CM20955. *Noditerebra (Noditerebra) evoluta latisulcata* (Yokoyama), p.56, pl.17, fig.4a,b.

CM20957. *Seila yokoyamai* Cossmann, p.27, pl.5, fig.25a,b.

CM20959. *Triphora conspersa* (Smith (E. A.)), p.27, pl.6, fig.3a,b.

CM20961. *Triphora multigyrata* (Yokoyama), p.27, pl.6, fig.1a,b, Holotype.

CM20962. *Trichotropis (Iphinoe) unicarinata* Sowerby (G. B. II), p.33, pl. 7, fig.6a,b. (missing)

CM20964. *Serpulorbis imbricatus* (Dunker), p.22, pl.4, fig.26a,b.

CM20965. *Caecum (Brochina) glabellum* (Adams (A.)), p.22, pl.20, fig.20a-c.

CM20966. *Semisulcospira libertina hidachiensis* (Pilsbry), p.23, pl.4, fig. 16a,b. (missing)

CM20968. *Philippia radiata* (Röding), p.31, pl.3, fig.17a,b.

CM20970. *Architectonica (Architectonica) yokoyamai* Oyama [nom. nud.], p. 31, pl.3, fig.22a,b, "Holotype".

CM20972. *Torinista elegantula* (Yokoyama), p.31, pl.3, fig.21a-c, Holotype.

CM20973. *Rissoalaba plebeja* (Yokoyama), p.20, pl.4, fig.21a,b, Lectotype.

CM20975. *Chrysallida (Salassia) manzakiana* (Yokoyama), p.58, pl.18, fig. 6a,b, Lectotype.

CM20977. *Eufenella rufocincta* (Adams (A.)), p.24, pl.5, fig.6a,b.

CM20978. *Eufenella rufocincta* (Adams (A.)), p.24, pl.5, fig.5a,b.

Oyama, K. (1973): continued

CM20980. *Lissotesta sobrina* (Adams (A.)), p.16, pl.3, fig.5a-c.

CM20981. *Microgaza planorboides* (Yokoyama), p.15, pl.3, fig.11a,b, "Lectotype" [to be Holotype].

CM20982. *Capulus yokoyamai* Oyama [nom. nud.], p.33, pl.8, fig.9a-c.

CM20984. *Crepidula (Crepidula) grandis* Middendorff, p.35, pl.8, fig.7a,b.

CM20988. *Polinices sagamiensis* Pilsbry, p.31, pl.7, fig.7a,b.

CM20995. *Eunaticina papilla* (Gmelin), p.32, pl.7, fig.5a,b.

CM21000. *Mammilla* sp. b, p.32, pl.7, fig.10a,b.

CM21002. *Epitonium (Depressiscala) auritum* (Sowerby (G. B. II)), p.28, pl.6, fig.17a,b.

CM21005. *Epitonium (Glabriscala) stigmaticum* (Pilsbry), p.28, pl.6, fig. 22a,b.

CM21007. *Epitonium (Cinctiscala) sagamiense azumanum* (Yokoyama), p.29, pl.6, fig.21a,b, Lectotype.

CM21011. *Epitonium (Cinctiscala) kazusense* (Yokoyama), p.29, pl.6, fig. 20a,b, Lectotype.

CM21013. *Epitonium (Cinctiscala) yamakawai* (Yokoyama), p.29, pl.6, fig. 18a,b, "Lectotype" [to be Holotype].

CM21014. *Epitonium (Acutiscala) conjunctum* (Yokoyama), p.28, pl.6, fig. 27a,b, Lectotype.

CM21016. *Epitonium (Mazescala) subfrondiculum* (Yokoyama), p.29, pl.6, fig.19a,b, Holotype.

CM21017. *Constantia picturata* (Yokoyama), p.28, pl.6, fig.13a,b, "Lectotype" [to be Holotype].

CM21018. *Eulima unicincta* Yokoyama, p.30, pl.6, fig.16a,b, Lectotype.

CM21021. *Balcis tokunagai* (Yokoyama), p.30, pl.6, fig.7a,b, Lectotype.

CM21024. *Balcis glabroides* (Yokoyama), p.30, pl.6, fig.9a,b, Lectotype.

CM21026. *Balcis krishna* (Yokoyama), p.30, pl.6, fig.11a,b, Holotype.

CM21027. *Tiberia (Orinella) pulchella* (Adams (A.)), p.62, pl.17, fig.26a,b.

CM21031. *Agatha brevis* (Yokoyama), p.61, pl.17, fig.17a,b, Lectotype.

CM21037. *Syrnola (Syrnola ?) cinnamomea* Adams (A.), p.62, pl.17, fig.19a,b.

CM21038. *Syrnola (Iphiana) mira* (Yokoyama), p.62, pl.17, fig.23a,b, Lectotype.

CM21040. *Syrnola (Iphiana) siva* (Yokoyama), p.62, pl.17, fig.21a,b, Holotype.

CM21041. *Actaeopyramis eximia* (Lischke), p.59, pl.17, fig.27a,b.

CM21047. *Odostomia (Evalea) gordonis* Yokoyama, p.61, pl.18, fig.5a,b, Lectotype.

Oyama, K. (1973): continued

CM21053. *Odostomia (Odostomia) shimosensis* Yokoyama, p.60, pl.18, fig. 9a,b, Lectotype.

CM21056. *Odostomia (Odostomia) limpida* Dall & Bartsch, p.60, pl.18, fig. 8a,b.

CM21058. *Odostomia (Evalea)* sp., p.61, pl.18, fig.22a,b. (missing)

CM21062. *Odostomia (Odostomia) kizakiensis* Yokoyama, p.60, pl.18, fig. 21a,b, Lectotype.

CM21063. *Agatha brevis* (Yokoyama), p.61, pl.17, fig.31a,b.

CM21067. *Odostomia (Evalea) toneana* Yokoyama, p.61, pl.18, fig.15a,b, Lectotype.

CM21070. *Odostomia (Odostomia) suboxia* Yokoyama, p.60, pl.18, fig.10a,b, Holotype.

CM21071. *Kleinella neofelix* (Yokoyama), p.59, pl.18, fig.11a,b, Lectotype.

CM21072. *Chrysallida (Partulida) marielloides* (Yokoyama), p.58, pl.18, fig.1a,b, Lectotype.

CM21074. *Turbonilla (Ptycheulimella ?) misella* Yokoyama, p.65, pl.6, fig. 15a,b, Lectotype.

CM21076. *Turbonilla (Turbonilla) imbana* Yokoyama, p.65, pl.18, fig.34a,b, Lectotype.

CM21077. *Turbonilla (Paramormula) paucicostulata* Tokunaga, p.66, pl.18, fig.29a,b.

CM21080. *Turbonilla (Paramormula) scrobiculata* Yokoyama, p.66, pl.18, fig.33a,b, Lectotype.

CM21081. *Turbonilla (Chemnitzia) kidoensis* Yokoyama, p.64, pl.18, fig. 35a,b, "Lectotype" [to be Holotype].

CM21082. *Turbonilla (Turbonilla) teganumana* Yokoyama, p.65, pl.18, fig. 17a,b, Lectotype.

CM21084. *Turbonilla (Chemnitzia) sematana* Yokoyama, p.64, pl.18, fig.30a,b, Lectotype.

CM21086. *Turbonilla (Pyrgolampros) planicostata* Yokoyama, p.65, pl.18, fig.28a,b, "Lectotype" [to be Holotype].

CM21087. *Turbonilla (Pselliogyra) sagamiana* Yokoyama, p.66, pl.18, fig. 42a,b, "Lectotype" [to be Holotype].

CM21088. *Turbonilla (Strioturbonilla) pacifica* Yokoyama, p.65, pl.18, fig.37a,b, "Lectotype" [to be Holotype].

CM21089. *Cingulina (Cingulina) triarata* (Pilsbry), p.63, pl.17, fig.25a,b.

CM21092. *Ebala (Ebala) obscura* (Yokoyama), p.63, pl.18, fig.20a,b, Holotype.

CM21093. *Aclis (?) angulifera* (Yokoyama), p.29, pl.6, fig.14a,b, Lectotype.

Oyama, K. (1973): continued

CM21095. *Lunella coronata coreensis* (Récluz), p.17, pl.3, fig.10a,b.

CM21100. *Lirularia (Lirularia) pygmaea* (Yokoyama), p.15, pl.2, fig.11a,b, Lectotype.

CM21102. *Turbo "crassilirata* (Yokoyama)", p.17, pl.3, fig.7a,b, Lectotype.

CM21104. *Calliostoma (Tristichotrochus) aculeatum* Sowerby (G. B. II), p.13, pl.2, fig.3a,b.

CM21105. *Daronia yokoyamai* Oyama [nom. nud.], p.21, pl.3, fig.2a,b, "Holotype".

CM21107. *Lirularia (Conotalopia) sematensis* (Oyama), p.15, pl.2, fig.4a,b, Lectotype.

CM21111. *Minolia (Minolia) subangulata* Kuroda & Habe, p.12, pl.2, fig. 5a,b, Lectotype.

CM21113. *Turcica coreensis* Pease, p.12, pl.2, fig.12a,b.

CM21115. *Calliostoma (Tristichotrochus) consors* (Lischke), p.13, pl.2, fig.1a,b.

CM21121. *Viviparus (Cipangopaludina) japonicus* (v. Martens), p.18, pl.7, fig.3a,b.

CM21128. *Moerchiella stilicidiata* [error of *stillicidiata*](Yokoyama), p. 21, pl.3, fig.14a-c, Holotype.

CM21129. *Granata lyrata* (Pilsbry), p.13, pl.2, fig.14a-c.

CM21131. *Macroschisma dilatatum* Adams (A.), p.11, pl.1, fig.14a,b.

CM21133. *Puncturella (Puncturella) nobilis* Adams (A.), p.10, pl.1, fig. 12a-c.

CM21135. *Tugali vadososinuata* (Yokoyama), p.10, pl.1, fig.6a,b, Lectotype.

CM21138. *Dentalium (Antalis) septentrionale* Kuroda, p.72, pl.20, fig.13.

CM21150. *Dentalium (Fustiaria) nipponicum* Yokoyama, p.73, pl.20, fig.8a-c, Lectotype.

CM21154. *Pholadidea (Penitella) kamakurensis* (Yokoyama), p.118, pl.56, fig.6a-c, Lectotype.

CM21156. *Panopea japonica* Adams (A.), p.115, pl.55, fig.14.

CM21157. *Panopea japonica* Adams (A.), p.115, pl.55, fig.11.

CM21162. *Caryocorbula (Solidicorbula) erythrodon* (Lamarck), p.116, pl.55, fig.2a,b.

CM21163. *Caryocorbula (Solidicorbula) erythrodon* (Lamarck), p.116, pl.55, fig.1a,b.

CM21170. *Potamocorbula amurensis* (Schrenck), p.116, pl.55, fig.10a,b.

CM21171. *Potamocorbula amurensis* (Schrenck), p.116, pl.55, fig.13a,b.

Oyama, K. (1973): continued

CM21175. *Potamocorbula amurensis* (Schrenck), p.116, pl.55, fig.6a,b.

CM21178. *Potamocorbula amurensis* (Schrenck), p.116, pl.55, fig.8.

CM21179. *Poromya flexuosa* Yokoyama, p.120, pl.57, fig.17a,b.

CM21181. *Varicorbula yokoyamai* Habe, p.116, pl.55, fig.3a-c.

CM21182. *Varicorbula yokoyamai* Habe, p.116, pl.55, fig.4a,b.

CM21186. *Varicorbula bifrons* (Adams (A.)), p.115, pl.55, fig.7a-c.

CM21187. *Cryptomya (Cryptomya) busoensis* Yokoyama, p.116, pl.55, fig.15 a,b, Paralectotype. (missing)

CM21188. *Cryptomya (Cryptomya) busoensis* Yokoyama, p.116, pl.55, fig.12 a-c, Lectotype.

CM21192. *Mactra (Mactra) sulcataria* Reeve, p.107, pl.49, fig.3a,b.

CM21201. *Tresus keenae* (Kuroda & Habe), p.109, pl.51, fig.6a,b.

CM21202. *Tresus keenae* (Kuroda & Habe), p.109, pl.51, fig.5a,b.

CM21206. *Spisula (Pseudocardium) sachalinensis* (Schrenck), p.108, pl.49, fig.7.

CM21207. *Spisula (Pseudocardium) sachalinensis* (Schrenck), p.108, pl.49, fig.5a,b.

CM21211. *Spisula (Pseudocardium) sachalinensis* (Schrenck), p.108, pl.49, fig.4.

CM21212. *Spisula (Pseudocardium) sachalinensis* (Schrenck), p.108, pl.49, fig.8a,b.

CM21216. *Spisula (Mactromeris) voyi* (Gabb), p.108, pl.46, fig.2a,b.

CM21217. *Spisula (Mactromeris) voyi* (Gabb), p.108, pl.46, fig.1.

CM21219. *Oxyperas bernardi* (Pilsbry), p.108, pl.48, fig.11. (missing)

CM21220. *Oxyperas bernardi* (Pilsbry), p.108, pl.48, fig.12a,b.

CM21222. *Raeta (Raetellops) yokohamensis* Pilsbry, p.109, pl.50, fig.5a,b.

CM21223. *Raeta (Raetellops) yokohamensis* Pilsbry, p.109, pl.50, fig.6. (missing)

CM21228. *Raeta (Raetina) pellicula* (Reeve), p.108, pl.50, fig.3a,b.

CM21229. *Raeta (Raetellops) yokohamensis* Pilsbry, p.109, pl.50, fig.4a,b.

CM21233. *Raeta (Raetina) pellicula* (Reeve), p.108, pl.50, fig.1a,b.

CM21234. *Raeta (Raetina) pellicula* (Reeve), p.108, pl.50, fig.2.

CM21235. *Tresus keenae* (Kuroda & Habe), p.109, pl.51, fig.1.

CM21240. *Lutraria maxima* Jonas, p.109, pl.51, fig.2.

CM21241. *Lutraria maxima* Jonas, p.109, pl.51, fig.3.

Oyama, K. (1973): continued

CM21245. *Solen grandis* Dunker, p.115, pl.54, fig.3a,b.

CM21248. *Solen krusensternii* Schrenck, p.115, pl.54, fig.8a,b.

CM21254. *Siliqua pulchella* (Dunker), p.114, pl.54, fig.6a,b.

CM21259. *Donax (Chion) semigranosus* Dunker, p.110, pl.52, fig.3a,b. (missing)

CM21260. *Donax (Chion) semigranosus* Dunker, p.110, pl.52, fig.2.

CM21261. *Gari (Gobraeus) kazusensis* (Yokoyama), p.110, pl.50, fig.11a,b, Lectotype.

CM21263. *Hiatula (Hiatula) atrata* (Reeve), p.110, pl.50, fig.10a,b. (missing)

CM21264. *Hiatula (Hiatula) atrata* (Reeve), p.110, pl.50, fig.8.

CM21268. *Hiatula (Nuttalia) ezonis* (Kuroda & Habe), p.110, pl.50, fig.9a,b.

CM21271. *Hiatula (Nuttalia) ezonis* (Kuroda & Habe), p.110, pl.50, fig.7.

CM21272. *Peronidia venulosa* (Schrenck)(?), p.114, pl.53, fig.4.

CM21273. *Peronidia venulosa* (Schrenck), p.114, pl.53, fig.2a,b. (missing)

CM21275. *Peronidia venulosa* (Schrenck), p.114, pl.53, fig.15.

CM21276. *Peronidia venulosa* (Schrenck), p.114, pl.53, fig.16.

CM21281. *Fabulina (Fabulina) nitidula* (Dunker), p.113, pl.53, fig.5a,b.

CM21286. *Peronidia venulosa* (Schrenck), p.114, pl.53, fig.14a,b. (missing)

CM21287. *Peronidia venulosa* (Schrenck), p.114, pl.53, fig.13a,b.

CM21297. *Cadella delta* (Yokoyama), p.112, pl.37, fig.16b, Lectotype.

CM21298. *Cadella delta* (Yokoyama), p.112, pl.37, fig.16a,c, "Lectotype" [to be Paralectotype]

CM21299. *Cadella delta* (Yokoyama), p.112, pl.37, fig.16d, "Lectotype" [to be Paralectotype]

CM21304. *Macoma praetexta* (v. Martens), p.112, pl.52, fig.15a,b.

CM21305. *Macoma praetexta* (v. Martens), p.112, pl.52, fig.16.

CM21314. *Macoma tokyoensis* Makiyama, p.112, pl.52, fig.8a,b. (missing)

CM21317. *Rexithaerus sectior* (Oyama), p.113, pl.52, fig.14a,b.

CM21326. *Dosinia (Dosinorbis) bilunulata* (Gray), p.103, pl.44, fig.10.

CM21329. *Lajonkairia divaricata* (Lischke), p.106, pl.39, fig.12a-c.

CM21330. *Meretrix lusoria* (Röding), p.102, pl.45, fig.4.

CM21335. *Ezocallista brevisiphonata* (Carpenter), p.102, pl.45, fig.3.

CM21341. *Sunetta (Cyclosunetta) menstrualis* Menke, p.102, pl.44, fig.1a,b.

CM21342. *Sunetta (Cyclosunetta) menstrualis* Menke, p.102, pl.44, fig.3a,b.

Oyama, K. (1973): continued

CM21343. *Sunetta (Cyclosunetta) menstrualis* Menke, p.102, pl.44, fig.2a,b. (missing)

CM21348. *Mercenaria stimpsoni* (Gould), p.103, pl.46, fig.6.

CM21349. *Mercenaria stimpsoni* (Gould), p.103, pl.46, fig.7. (missing)

CM21357. *Gomphina (Gomphina) neastartoides* (Yokoyama), p.105, pl.48, fig. 7a,b, Lectotype.

CM21358. *Gomphina (Gomphina) neastartoides* (Yokoyama), p.105, pl.48, fig. 9a,b, Paralectotype.

CM21366. *Anomalocardia (Veremolpa) minuta* (Yokoyama), p.104, pl.47, fig. 2a,b.

CM21367. *Anomalocardia (Veremolpa) minuta* (Yokoyama), p.104, pl.47, fig.1.

CM21369. *Petricola (Petricolirus) aequistriata* Sowerby (G. B. II), p.107, pl.48, fig.5a,b.

CM21370. *Petricola (Petricolirus) aequistriata* Sowerby (G. B. II), p.107, pl.48, fig.8. (missing)

CM21375. *Paphia (Paphia) vernicosa* (Gould), p.106, pl.48, fig.2a,b.

CM21383. *Saxidomus purpurata* (Sowerby (G. B. II)), p.102, pl.45, fig.8.

CM21388. *Acrosterigma (Vasticardium) burchardi* (Dunker), p.99, pl.42, fig.9a,b.

CM21392. *Fulvia mutica* (Reeve), p.100, pl.42, fig.8.

CM21398. *Clinocardium (Fuscocardium) braunsi* (Tokunaga), p.100, pl.43, fig.8a,b.

CM21401. *Clinocardium (Fuscocardium) braunsi* (Tokunaga), p.100, pl.43, fig.6a,b.

CM21402. *Clinocardium (Fuscocardium) braunsi* (Tokunaga), p.100, pl.43, fig.5a,b. (missing)

CM21403. *Clinocardium (Fuscocardium) braunsi* (Tokunaga), p.100, pl.43, fig.4a,b.

CM21407. *Mysella japonica* (Yokoyama), p.98, pl.41, fig.10a,b, Lectotype.

CM21408. *Mysella japonica* (Yokoyama), p.98, pl.41, fig.11, Paralectotype.

CM21412. *Nipponomysella oblongata* (Yokoyama), p.98, pl.41, fig.8, Paralectotype.

CM21413. *Nipponomysella oblongata* (Yokoyama), p.98, pl.41, fig.9a,b, Lectotype.

CM21415. *Scitillula yamakawai* (Yokoyama), p.97, pl.41, fig.6a,b, Lectotype.

CM21417. *Lyonsiella (Simplicicordia) trigonata* (Yokoyama), p.120, pl.57, fig.16a,b, "Paralectotype" [to be Lectotype].

Oyama, K. (1973): continued

CM21418. *Lyonsiella (Simplicicordia) trigonata* (Yokoyama), p.120, pl.57, fig.18, "Lectotype" [to be Paralectotype].

CM21419. *Diplodonta (Felaniella) usta* (Gould), p.94, pl.39, fig.8a,b.

CM21428. *Cycladicama cumingi* (Hanley), p.95, pl.39, fig.1a,b.

CM21443. *Chama (Chama) aspersa* Reeve, p.99, pl.42, fig.3a,b.

CM21445. *Venericardia (Megacardita) ferruginosa* (Adams & Reeve), p.91, pl.37, fig.7a,b.

CM21454. *Carditella (Carditellopsis) toneana* (Yokoyama), p.91, pl.37, fig.14a,b, Lectotype.

CM21455. *Carditella (Carditellopsis) toneana* (Yokoyama), p.91, pl.37, fig.13, Paralectotype. (missing)

CM21458. *Astarte (Tridonta) borealis* (Schumacher), p.90, pl.37, fig.4a,b. (missing)

CM21461. *Crassatella (Eucrassatella) nana* Adams & Reeve, p.90, pl.37, fig.5a,b.

CM21463. *Corbicula (Corbicula) japonica* Prime, p.92, pl.37, fig.21a,b. (missing)

CM21464. *Corbicula (Corbicula) japonica* Prime, p.92, pl.37, fig.22a,b.

CM21468. *Corbicula (Corbicula) japonica* Prime, p.92, pl.37, fig.20a,b.

CM21469. *Corbicula (Corbicula) japonica* Prime, p.92, pl.37, fig.19.

CM21472. *Trapezium (Neotrapezium) japonicum* Pilsbry, p.92, pl.38, fig. 8a,b.

CM21473. *Hiatella orientalis* (Yokoyama), p.115, pl.38, fig.14a,b.

CM21474. *Hiatella orientalis* (Yokoyama), p.115, pl.38, fig.12a,b.

CM21475. *Trapezium (Neotrapezium) liratum* (Reeve), p.92, pl.38, fig.7a,b.

CM21477. *Trapezium (Neotrapezium) liratum* (Reeve), p.92, pl.38, fig.5a,b.

CM21478. *Trapezium (Neotrapezium) liratum* (Reeve), p.92, pl.38, fig.9a,b.

CM21479. *Cuspidaria (Plectodon) ligula* Yokoyama, p.121, pl.57, fig.22a,b, Lectotype.

CM21480. *Cuspidaria (Plectodon) ligula* Yokoyama, p.121, pl.57, fig.21, Paralectotype.

CM21482. *Lyonsia praetenuis* Dunker, p.119, pl.57, fig.10.

CM21483. *Lyonsia praetenuis* Dunker, p.119, pl.57, fig.9a,b.

CM21485. *Entodesma naviculoides* Yokoyama, p.119, pl.57, fig.15a,b, Holotype.

CM21486. *Myadora japonica* Habe, p.119, pl.57, fig.4a,b.

CM21487. *Myadora japonica* Habe, p.119, pl.57, fig.1a,b.

Oyama, K. (1973): continued

CM21493. *Myadora ikebei* Habe, p.119, pl.57, fig.7a-c. (missing)

CM21494. *Myadora ikebei* Habe, p.119, pl.57, fig.8a-c.

CM21498. *Cyathodonta (Eximiothracia) concinna* (Gould), p.120, pl.57, fig. 19a-c. (missing)

CM21501. *Thraciopsis transmontana* (Yokoyama), p.120, pl.57, fig.11a-c, Lectotype.

CM21502. *Thraciopsis transmontana* (Yokoyama), p.120, pl.57, fig.12a,b, Paralectotype.

CM21507. *Parvithracia sematana* (Yokoyama), p.120, pl.57, fig.13a-c, "Paralectotype" [to be Lectotype]. (missing)

CM21508. *Parvithracia sematana* (Yokoyama), p.120, pl.57, fig.14, "Lectotype" [to be Paralectotype].

CM21510. *Poromya flexuosa* Yokoyama, p.120, pl.57, fig.23a-c, Lectotype.

CM21511. *Poromya flexuosa* Yokoyama, p.120, pl.57, fig.20a,b, Paralectotype.

CM21513. *Modiolus (Modiolus) comptus* Sowerby (G. B. II)), p.81, pl.27, fig.9a,b.

CM21517. *Lithophaga (Labis) erimitica* Kuroda & Habe, p.82, pl.27, fig.13 a,b.

CM21519. *Crenella yokoyamai* Nomura, p.80, pl.27, fig.3a,b.

CM21520. *Crenella yokoyamai* Nomura, p.80, pl.27, fig.4a,b.

CM21528. *Monia umbonata* (Gould), p.88, pl.28, fig.4a,b.

CM21532. *Monia umbonata* (Gould), p.88, pl.28, fig.1a,b.

CM21533. *Monia umbonata* (Gould), p.88, pl.28, fig.5a,b.

CM21544. *Lima vulgatula* Yokoyama, p.87, pl.36, fig.1, Paralectotype.

CM21545. *Lima vulgatula* Yokoyama, p.87, pl.36, fig.2a,b, Lectotype.

CM21547. *Spondylus cruentus* Lischke, p.86, pl.35, fig.2a,b.

CM21548. *Plicatula simplex* Gould, p.82, pl.33, fig.7a,b.

CM21553. *Chlamys (Chlamys) farreri akazara* Kuroda, p.83, pl.32, fig.10.

CM21554. *Chlamys (Chlamys) farreri akazara* Kuroda, p.83, pl.32, fig.9.

CM21555. *Decatopecten striatus* (Schumacher), p.85, pl.33, fig.5a,b.

CM21561. *Aequipecten (Cryptopecten) sematensis* Oyama [nom. nud.], p.85, pl.34, fig.9a,b, "Paratype".

CM21562. *Aequipecten (Cryptopecten) sematensis* Oyama [nom. nud.], p.85, pl.34, fig.10a,b, "Holotype". (missing)

CM21571. *Pecten (Notovola) albicans albicans* (Schröter), p.85, pl.33, fig.9a,b.

Oyama, K. (1973): continued

CM21572. *Pecten (Notovola) albicans albicans* (Schroter), p.85, pl.34, fig.11a,b. (missing)

CM21573. *Polynemamussium intuscostatum* (Yokoyama), p.83, pl.33, fig.2a,b. (missing)

CM21583. *Pycnodonta musashiana* (Yokoyama), p.89, pl.28, fig.8a,b.

CM21587. *Atrina (Servatrina) pectinata japonica* (Reeve), p.82, pl.26, fig.2.

CM21591. *Anadara (Tegiliarca) granosa* (Linnaeus), p.79, pl.26, fig.1a,b.

CM21596. *Anadara (Scapharca) broughtoni* (Schrenck), p.79, pl.26, fig.8a,b.

CM21602. *Anadara (Scapharca) subcrenata* Lischke, p.79, pl.26, fig.9a,b.

CM21610. *Glycymeris (Glycymeris) vestita* (Dunker), p.76, pl.23, fig.2, pl.24, fig.1.

CM21611. *Glycymeris (Glycymeris) vestita* (Dunker), p.76, pl.23, fig.9, pl.24, fig.2.

CM21612. *Glycymeris (Glycymeris) vestita* (Dunker), p.76, pl.23, fig.7, pl.24, fig.7.

CM21614. *Glycymeris (Glycymeris) vestita* (Dunker), p.76, pl.23, fig.1, pl.24, fig.10.

CM21615. *Glycymeris (Glycymeris) vestita* (Dunker), p.76, pl.23, fig.10, pl.24, fig.9.

CM21621. *Glycymeris (Glycymeris) yessoensis* (Sowerby (G. B. III)), p.76, pl.23, fig.5, pl.24, fig.3.

CM21622. *Glycymeris (Glycymeris) yessoensis* (Sowerby (G. B. III)), p.76, pl.23, fig.3, pl.24, fig.5. (missing)

CM21628. *Glycymeris (Tucetilla) pilsbryi* (Yokoyama), p.77, pl.22, fig. 9a,b.

CM21629. *Glycymeris (Tucetilla) pilsbryi* (Yokoyama), p.77, pl.22, fig. 10a,b.

CM21631. *Glycymeris (Glycymeris) rotunda* (Dunker) forma *yamakawai* (Yokoyama), p.77, pl.22, fig.6a,b, Lectotype.

CM21632. *Glycymeris (Glycymeris) rotunda* (Dunker) forma *yamakawai* (Yokoyama), p.77, pl.22, fig.5a,b, Paralectotype.

CM21634. *Pseudogrammatodon dalli obliquatus* (Yokoyama), p.77, pl.25, fig. 5a,b.

CM21635. *Pseudogrammatodon dalli obliquatus* (Yokoyama), p.77, pl.25, fig.6.

CM21637. *Limopsis (Oblimopa) forskalii* Adams (A.), p.76, pl.21, fig. 16a,b. (missing)

CM21643. *Limopsis (Empleconia) cumingii* Adams (A.), p.75, pl.21, fig.8.

CM21644. *Limopsis (Empleconia) cumingii* Adams (A.), p.75, pl.21, fig.9.

Oyama, K. (1973): continued

CM21646. *Limopsis (Nipponolimopsis) nipponica* Yokoyama, p.76, pl.21, fig.21, Paralectotype.

CM21647. *Limopsis (Nipponolimopsis) nipponica* Yokoyama, p.76, pl.21, fig.22a,b, Lectotype.

CM21650. *Saccella confusa* (Hanley), p.74, pl.21, fig.4a,b. (missing)

CM21654. *Yoldia (Cnesterium) notabilis* Yokoyama, p.74, pl.21, fig.5a,b, Lectotype. (missing)

CM21722. *Dosinia (Dosinorbis) bilunulata* (Gray), p.103, pl.44, fig.11.

CM21726. *Mammilla* sp. a, p.32, pl.7, fig.9a,b.

CM21806. *Retusa (Coleophysis) lineolata* Yokoyama, p.68, pl.19, fig.23, Holotype.

CM21807. *Clathromangelia leuckarti* (Dunker), p.55, pl.16, fig.23.

CM21809. *Pisania (Japeuthria) ferrea* (Reeve), p.44, pl.14, fig.14.

CM21814. *Zafra sinensis* (Sowerby (G. B. II)), p.41, pl.14, fig.9a,b.

CM21815. *Enzinopsis menkeana* (Dunker), p.44, pl.13, fig.3.

CM21816. *Ergalatax contractus* (Reeve), p.39, pl.11, fig.3. (missing)

CM21818. *Mancinella siro* (Kuroda), p.38, pl.11, fig.1.

CM21820. *Drupa (Morula) spinosa* (Adams (H.) & Adams (A.)), p.39, pl.11, fig.5.

CM21822. *Leptoconchus striatus* (Rüppel), p.40, pl.10, fig.7a,b.

CM21823 [= CM22012]. *Cymatium (Monoplex) echo* Kuroda & Habe, p.36, pl.9, fig.3.

CM21825. *Colubraria castanea* Kuroda & Habe, p.37, pl.9, fig.4.

CM21827. *Cypraea (Lyncina) vitellus vitellus* Linnaeus, p.35, pl.8, fig.12

CM21828. *Erronea (Palmadusta) gracilis japonica* Schilder (F. A.), p.35, pl.8, fig.13.

CM21832. *Bittium (Plesiotrochus) acutangulum* Yokoyama, p.26, pl.5, fig. 21a,b, Holotype.

CM21834. *Bittium (Bittium) alutaceum numamuranum* Yokoyama, p.26, pl.5, fig.18a,b, Lectotype.

CM21836. *Batillaria zonalis* (Bruguière), p.23, pl.5, fig.16.

CM21838. *Bittium (Bittium) alutaceum numamuranum* Yokoyama, p.26, pl.5, fig.14a,b.

CM21840. *Cyrbasia (Joculator) pulviformis* (Yokoyama), p.26, pl.5, fig. 28a,b, Holotype.

CM21841. *Bittium (Bittium) glareosum* Gould, p.25, pl.5, fig.23.

CM21844. *Triphora conspersa* (Smith (E. A.)), p.27, pl.6, fig.4.

Oyama, K. (1973): continued

CW21849. *Spirorbis tricarinatus* (Yokoyama), p.122, pl.4, fig.20a-c, Holotype. (missing)

CW21850. *Pomatoceros* sp., p.121, pl.4, fig.25a,b.

CW21851. *Hydroides reticulatus* (Yokoyama), p.121, pl.4, fig.24, "Paralectotype" [to be Lectotype].

CW21852. *Hydroides reticulatus* (Yokoyama), p.121, pl.4, fig.27a,b, "Lectotype" [to be Paralectotype].

CM21855. *Petaloconchus (Macrophragma ?) annulatus* (Yokoyama), p.22, pl.4, fig.17, Holotype.

CM21856. *Diala varia* Adams (A.), p.25, pl.5, fig.13a,b.

CM21858. *Alvania concinna* Adams (A.), p.20, pl.4, fig.13.

CM21860. *Rissoina (Phosinella) pura* (Gould), p.20, pl.4, fig.14.

CM21862. *Eufenella pupoides* (Adams (A.)) var., p.24, pl.5, fig.4.

CM21864. *Clathrofenella yamakawai* (Yokoyama), p.25, pl.5, fig.9a-c, Lectotype.

CM21866. *Clathrofenella shinonis* (Yokoyama), p.24, pl.5, fig.8a,b, Lectotype.

CM21868. *Clathrofenella reticulata longa* Oyama [nom. nud.], p.24, pl.5, fig.7a,b, "Holotype".

CM21869. *Clathrofenella kenonis* (Yokoyama), p.24, pl.5, fig.10a,b, Lectotype.

CM21871. *Crepidula (Bostrycapulus) gravispinosa* Kuroda & Habe, p.34, pl.8, fig.11a,b.

CM21873. *Eulima hojoensis* Yokoyama, p.30, pl.6, fig.5a,b, Holotype.

CM21874. *Miralda (Miralda) gemma* (Adams (A.)), p.59, pl.18, fig.13.

CM21877. *Turbonilla (Chemnitzia) humilis* Yokoyama, p.64, pl.18, fig.39a,b, Holotype.

CM21878. *Nerita (Theliostyla) albicilla* Linnaeus, p.17, pl.8, fig.1a,b.

CM21879. *Turbo (Batillus) cornutus* Solander in Lightfoot, p.17, pl.1, fig.25.

CM21881. *Astralium haematragum* (Menke), p.17, pl.2, fig.10a,b.

CM21882. *Neocollonia pilula* (Dunker), p.16, pl.2, fig.15.

CM21883. *Clanculus (Euclanculus) microdon ater* Pilsbry, p.15, pl.3, fig. 15a-c.

CM21885. *Clanculus (Clanculus) margaritarius* Philippi, p.14, pl.2, fig. 7a-c.

CM21886. *Monodonta (Monodonta) trochiformis* (Grabau & King), p.14, pl.1, fig.23a,b.

Oyama, K. (1973): continued

CM21891. *Scissurella staminea* (Adams (A.)), p.10, pl.1, fig.26.

CM21893. *Diodora quadriradiata* (Reeve) var., p.11, pl.1, fig.15a,b.

CM21895. *Clypidina (Montfortula) picta* (Dunker), p.10, pl.1, fig.4a,b.

CM21898. *Martesia striata cupula* (Yokoyama), p.118, pl.56, fig.12a,b, Holotype.

CM21899. *Zirphaea subconstricta* (Yokoyama), p.117, pl.56, fig.3a,b, Lectotype.

CM21901. *Jouannetia (Jouannetia) cumingii* Sowerby (G. B. II), p.118, pl. 56, fig.10a,b.

CM21903. *Zirphaea subconstricta* (Yokoyama), p.117, pl.56, fig.2a,b.

CM21905. *Anisodonta (Furcrella) gouldi* (Adams (A.)), p.93, pl.38, fig. 16a,b.

CM21906. *Anisodonta (Furcrella) gouldi* (Adams (A.)), p.93, pl.38, fig. 21a,b.

CM21908. *Semele carnicolor* (Hanley), p.111, pl.52, fig.6a,b.

CM21910. *Fabulina (Fabulina) minuta* (Lischke), p.113, pl.53, fig.6a,b.

CM21912. *Arcopagia (Punipagia) radiatolineata* (Yokoyama), p.112, pl.37, fig.18a,b, Lectotype.

CM21913. *Arcopagia (Punipagia) radiatolineata* (Yokoyama), p.112, pl.37, fig.17a,b, Paralectotype.

CM21916. *Hiatella orientalis* (Yokoyama), p.115, pl.38, fig.15a,b.

CM21917. *Hiatella orientalis* (Yokoyama), p.115, pl.38, fig.11a,b.

CM21918. *Pitar (Pitarina) limatula* (Sowerby (G. B. II)), p.101, pl.45, fig.5a,b.

CM21920. *Pitar (Pitarina) lineolata* (Sowerby (G. B. II)), p.101, pl.45, fig.6a,b. (missing)

CM21922. *Protothaca (Protothaca) jedoensis* (Lischke), p.104, pl.47, fig. 7a,b.

CM21924. *Ventricolaria toreuma* (Gould), p.103, pl.46, fig.3a,b.

CM21925. *Notirus ishibashianus* (Kuroda & Habe), p.106, pl.38, fig.22a,b.

CM21927. *Notirus ishibashianus* (Kuroda & Habe), p.106, pl.38, fig.24a,b.

CM21930. *Ambuscintilla* sp., p.98, pl.41, fig.7a,b.

CM21932. *"Nesobornia" nipponica* (Yokoyama), p.97, pl.41, fig.20a,b, Holotype.

CM21933. *"Nesobornia" trigonalis* (Yokoyama), p.98, pl.41, fig.18a,b, Holotype. (missing)

CM21934. *Byssobornia striatissima* (Sowerby (G. B.)), p.97, pl.41, fig. 21a,b.

Oyama, K. (1973): continued

CM21935. *Byssobornia striatissima* (Sowerby (G. B.)), p.97, pl.41, fig.19.

CM21937. *Melliteryx puncticulata* (Yokoyama), p.97, pl.41, figs.13a-c,14, Holotype.

CM21942. *Epicodakia delicatula* (Pilsbry), p.97, pl.40, fig.4a,b.

CM21945. *Chama (Pseudochama) retroversa* Lischke, p.99, pl.42, fig.2a-c. (missing)

CM21947. *Cardita leana* Dunker, p.91, pl.38, fig.4a,b.

CM21949. *Coralliophaga coralliophaga* (Gmelin), p.93, pl.38, fig.6a,b.

CM21952. *Septifer (Septifer) pilosus* (Reeve), p.81, pl.27, fig.7a,b.

CM21954. *Lithophaga (Leiosolenus) lima* Lamy, p.81, pl.27, fig.12a,b.

CM21956. *Modiolus (Modiolus) nipponicus* (Oyama), p.81, pl.27, fig.10a,b.

CM21957. *Ctenoides lischkei* (Lamy), p.88, pl.36, fig.9.

CM21959. *Lima sowerbyi* Deshayes, p.87, pl.36, fig.3a,b.

CM21961. *Spondylus cruentus* Lischke, p.86, pl.35, fig.1a,b.

CM21963. *Plicatula horrida* Dunker, p.83, pl.31, fig.3.

CM21964. *Plicatula horrida* Dunker, p.83, pl.31, fig.4a,b.

CM21967. *Aequipecten (Excellichlamys) spectabilis* (Reeve), p.84, pl.34, fig.7a,b.

CM21968. *Decatopecten striatus* (Schumacher), p.85, pl.33, fig.6a,b.

CM21970. *Chlamys (Semipallium) quadrilirata* (Lischke), p.84, pl.33, fig. 4a,b.

CM21972. *Ostrea folium* (Linnaeus), p.89, pl.29, fig.2a,b.

CM21973. *Ostrea folium* (Linnaeus), p.89, pl.29, fig.3a,b.

CM21976. *Ostrea crenulifera* Reeve, p.89, pl.31, fig.1a,b.

CM21977. *Ostrea crenulifera* Reeve, p.89, pl.31, fig.6a,b.

CM21978. *Ostrea crenulifera* Reeve, p.89, pl.31, fig.5a,b.

CM21979. *Ostrea crenulifera* Reeve, p.89, pl.31, fig.2a,b.

CM21981 [= CM22007]. *Isognomon (Isognomon) marsupiale* (Röding), p.82, pl.26, fig.7a,b.

CM21985. *Barbatia (Barbatia) stearnsi* (Pilsbry), p.78, pl.25, fig.12a,b.

CM21986. *Barbatia (Barbatia) stearnsi* (Pilsbry), p.78, pl.25, fig.11a,b.

CM21989. *Striarca (Didimacar) tenebrica* (Reeve), p.80, pl.26, fig.5a,b.

CM21991. *Acar plicata* (Dillwyn), p.77, pl.25, fig.9a,b.

CM21993. *Barbatia (Barbatia) bicolorata* (Dillwyn), p.78, pl.25, fig.13a,b.

CM21996. *Arca arabica* Philippi, p.78, pl.25, fig.8a,b.

Oyama, K. (1973): continued

CM22007 [= CM21981]. *Isognomon (Isognomon) marsupiale* (Röding), p.82, pl.26, fig.7a,b.

CM22012 [= CM21823]. *Cymatium (Monoplex) echo* Kuroda & Habe, p.36, pl.9, fig.3.

CM23599. *Acteon (Japanacteon) nipponensis* (Yamakawa), p.67, pl.19, fig. 1a,b. (missing)

CM23607. *Acteocina (Decorifer) globosa* (Yamakawa) var., p.70, pl.19, fig. 21a,b.

CM23608. *Acteocina (Decorifer) insignis* (Pilsbry), p.70, pl.19, fig.12a,b.

CM23614. *Phenacovolvula artiaperta* (Yamakawa), p.69, pl.19, fig.20a,b.

CM23625. *Philine argentata* Gould, p.71, pl.20, fig.3a,b.

CM23626. *Yokoyamaia (Yokoyamaia) ornatissima* (Yokoyama), p.72, pl.20, fig.4a,b, Holotype.

CM23636. *Strioterebrum (Strioterebrum) subtextile* (Smith (E. A.)), p.56, pl.17, fig.11a,b.

CM23639. *Punctoterebra (Granuliterebra) bathyrhaphe* (Smith (E. A.)), p. 57, pl.17, fig.12a,b.

CM23643. *Lophiotoma (Lophioturris) leucotropis* (Adams & Reeve), p.52, pl.15, fig.10.

CM23655. *Pseudoetrema fortilirata* (Smith (E. A.)), p.50, pl.15, fig.1a,b. (missing)

CM23670. *Mangilia (Guraleus) tabatensis* (Tokunaga), p.53, pl.16, fig.8a,b. (missing)

CM23672. *Mangilia (Guraleus) tokunagae* Finlay, p.53, pl.16, fig.9a,b.

CM23674. *Paraclathurella gracilenta* (Reeve), p.54, pl.16, fig.11a,b.

CM23683. *Fusinus perplexus* (Adams (A.)), p.46, pl.14, fig.28.

CM23685. *Fusinus nigrirostratus* (Smith (E. A.)), p.46, pl.14, fig.30.

CM23726. *Zafra pumila* (Dunker), p.41, pl.14, fig.7a,b.

CM23735. *Charonia sauliae* (Reeve), p.37, pl.9, fig.2. (missing)

CM23741. *Trivirostra edgari* (Shaw), p.35, pl.8, fig.8a,b.

CW23754. *Hydroides defrenatus* (Yokoyama), p.121, pl.4, fig.22, Lectotype.

CW23755. *Hydroides defrenatus* (Yokoyama), p.121, pl.4, fig.23, Paralectotype.

CM23758. *Eufistulana grandis* (Deshayes), p.117, pl.20, fig.17.

CM23759. *Eufistulana grandis* (Deshayes), p.117, pl.20, fig.18.

CM23760. *Eufistulana grandis* (Deshayes), p.117, pl.20, fig.19.

CM23762. *Diffalaba vitrea* (Sowerby (G. B. II)), p.25, pl.5, fig.17a,b. (missing)

Oyama, K. (1973): continued

CM23764. *Diala varia* Adams (A.), p.25, pl.5, fig.12a,b.

CM23766. *Putilla paludinoides* (Yokoyama), p.19, pl.4, fig.2a,b, Lectotype. (missing)

CM23768. *Sunusicola yendoi* (Yokoyama), p.19, pl.4, fig.6a,b, Holotype.

CM23769. *Ebala (Ebala) pagodula* (Yokoyama), p.63, pl.18, fig.27a,b, Holotype.

CM23774. *Merelina tokunagai* (Yokoyama), p.20, pl.4, fig.15a,b, Lectotype. (missing)

CM23795. *Epitonium (Mazescala)* sp., p.29, pl.6, fig.24a,b.

CM23796. *Epitonium (Papyriscala) yokoyamai* Suzuki & Ichimura, p.29, pl.6, fig.23a,b, Lectotype. (missing)

CM23797. *Epitonium (Turbiniscala) replicatum* (Sowerby (G. B. II)), p.28, pl.6, fig.25a,b.

CM23798. *Amaea ojiensis* (Yokoyama), p.28, pl.6, fig.31a,b, Lectotype. (missing)

CM23800. *Nodiscala matajiroi* Kuroda, p.27, pl.6, fig.26a,b.

CM23802. *Balcis shibana* (Yokoyama), p.30, pl.6, fig.12a,b, Lectotype.

CM23813. *Tiberia (Orinella) ebarana* (Yokoyama), p.62, pl.17, fig.28a,b, Holotype.

CM23816. *Syrnola (Colsyrnola) toshimana* (Yokoyama), p.62, pl.17, fig.34 a,b, Lectotype.

CM23818. *Syrnola (Hoonsyrnola) inturbida* (Yokoyama), p.61, pl.17, fig.30 a,b, Lectotype.

CM23831. *Odostomia (Odostomia) fujitanii* Yokoyama, p.60, pl.18, fig.16a,b, Lectotype.

CM23833. *Odostomia (Odostomia) optata* Yokoyama, p.61, pl.18, fig.7a,b, Holotype.

CM23836. *Turbonilla (Asmunda) affectuosa* (Yokoyama), p.65, pl.18, fig. 24a,b, Holotype.

CM23838. *Actaeopyramis lectissimoides* (Yokoyama), p.60, pl.17, fig.33a,b, Lectotype.

CM23840. *Kleinella amicalis* (Yokoyama), p.59, pl.17, fig.29a,b, Lectotype.

CM23842. *Miralda (Evalina) nishiana* (Yokoyama), p.59, pl.18, fig.2a,b, Holotype.

CM23843. *Chrysallida (Besla) bicinctella* (Yokoyama), p.58, pl.18, fig.12 a,b, Lectotype.

CM23845. *Chrysallida (Chrysallida) shibana* (Yokoyama), p.58, pl.18, fig. 18a,b, Lectotype.

Oyama, K. (1973): continued

CM23848. *Turbonilla (Chemnitzia) pseudocura* Nomura, p.64, pl.18, fig. 26a,b. (missing)

CM23850. *Turbonilla (Chemnitzia) multigyrata* Dunker, p.64, pl.18, fig. 36a,b.

CM23852. *Turbonilla (Chemnitzia) keiskeana* Yokoyama, p.64, pl.18, fig. 31a,b, Holotype.

CM23853. *Turbonilla (Turbonilla) edoensis* Yokoyama, p.65, pl.18, fig.32 a,b, Holotype.

CM23856. *Turbonilla (Paramormula) semicolorata* Yokoyama, p.66, pl.18, fig.38a,b, Lectotype.

CM23862. *Syrnola (Colsyrnola ?) kurumana* (Yokoyama), p.62, pl.17, fig. 18a,b, Holotype.

CM23863. *Turbonilla (Pyrgolampros) subplanicostata* Yokoyama, p.66, pl.18, fig.40a,b, "Holotype" [to be Lectotype].

CM23865. *Turbonilla (Dunkeria) shigeyasui* Yokoyama, p.66, pl.18, fig.41 a,b, Lectotype. (missing)

CM23875. *Enida japonica* Adams (A.), p.13, pl.2, fig.6a,b.

CM23877. *Suchium costatum* (Kiener)(?), p.16, pl.3, fig.18a,b.

CM23889. *Chamalycaeus melanopoma* (Pilsbry), p.18, pl.7, fig.8a,b.

CM23892. *Collisella (Conoidacmea) heroldi* (Dunker), p.9, pl.1, fig.3a,b. (missing)

CM23901. *Dentalium (Graptacme) buccinulum* Gould, p.73, pl.20, fig.9.

CM23906. *Dentalium (Laevidentalium) yamakawai* Yokoyama, p.72, pl.20, fig. 10, Lectotype. (missing)

CM23909. *Martesia striata cupula* (Yokoyama), p.118, pl.56, fig.8.

CM23910. *Martesia striata cupula* (Yokoyama), p.118, pl.56, fig.7.

CM23925. *Cardilia semisulcata* (Lamarck), p.109, pl.49, fig.9a,b.

CM23944. *Lutraria sieboldi* Reeve, p.109, pl.51, fig.7.

CM23945. *Lutraria sieboldi* Reeve, p.109, pl.51, fig.8.

CM23957. *Theora lubrica* Gould, p.111, pl.52, fig.5a,b.

CM23958. *Theora lubrica* Gould, p.111, pl.52, fig.4a,b.

CM24001. *Eolepton crassa* (Yokoyama), p.93, pl.41, fig.15a,b. (missing)

CM24002. *Microcirce gordonis* (Yokoyama), p.101, pl.45, fig.7a,b, Lectotype.

CM24007. *Protothaca (Callithaca) adamsi* (Reeve), p.104, pl.47, fig.10.

CM24008. *Protothaca (Callithaca) adamsi* (Reeve), p.104, pl.47, fig.11.

CM24040. *Afrocardium ebaranum* (Yokoyama), p.100, pl.42, fig.10a,b, Lectotype.

Oyama, K. (1973): continued

CM24042. *Montacutona subelliptica* (Yokoyama), p.98, pl.41, fig.3a,b, Lectotype. (missing)

CM24043. *Montacutona subelliptica* (Yokoyama), p.98, pl.41, fig.4a,b, Paralectotype.

CM24045. *Montacutona ? fujitaniana* (Yokoyama), p.98, pl.41, fig.2a,b, Lectotype. (missing)

CM24046. *Montacutona ? fujitaniana* (Yokoyama), p.98, pl.41, fig.1a,b, Paralectotype. (missing)

CM24048. *Parvikellia ?* sp., p.97, pl.41, fig.12c,d.

CM24049. *Parvikellia ?* sp., p.97, pl.41, fig.12a,b.

CM24050. *Alvenius ojianus* (Yokoyama), p.92, pl.42, fig.5a,b, Lectotype. (missing)

CM24051. *Alvenius ojianus* (Yokoyama), p.92, pl.42, fig.6a,b, Paralectotype. (missing)

CM24059. *Nipponomysella subtruncata* (Yokoyama), p.98, pl.41, fig.5a,b, Holotype.

CM24060. *Eolepton crassa* (Yokoyama), p.93, pl.41, fig.17a,b, Lectotype.

CM24061. *Eolepton crassa* (Yokoyama), p.93, pl.41, fig.16a,b, Paralectotype.

CM24063. *Thyasira (Thyasira) tokunagai* Kuroda & Habe, p.95, pl.39, fig. 13a,b.

CM24069. *Cycladicama lunaris* (Yokoyama), p.95, pl.39, fig.5a,b, Paralectotype.

CM24070. *Cycladicama lunaris* (Yokoyama), p.95, pl.39, fig.2a,b, Lectotype.

CM24080. *Lucina stearnsiana* Oyama, p.95, pl.40, fig.2.

CM24081. *Lucina stearnsiana* Oyama, p.95, pl.40, fig.1.

CM24088. *Crassatella (Eucrassatella) nana* Adams & Reeve, p.90, pl.37, fig.10a,b. (missing)

CM24096. *Cardiomya (Cardiomya) gouldiana septentrionalis* (Kuroda), p.121, pl.57, fig.24a,b.

CM24107. *Musculus (Musculista) senhousia* (Benson), p.80, pl.27, fig.6a,b. (missing)

CM24111. *Solamen diaphana* (Dall), p.80, pl.27, fig.2a,b.

CM24172. *Solemya (Acharax) japonica* Dunker, p.73, pl.27, fig.1a,b. (missing)

CM24187. *Acteocina (Didontoglossa) koyasensis* (Yokoyama), p.70, pl.19, fig.11a,b, Holotype.

CM24188. *Acteocina (Didontoglossa) koyasensis* (Yokoyama), p.70, pl.19, fig.16a,b.

Oyama, K. (1973): continued

CM24190. *Acteocina (Tornatina) gordonis* (Yokoyama), p.70, pl.19, fig.17 a,b, Holotype.

CM24191. *Retusa (Coleophysis) succincta* (Adams (A.)), p.68, pl.19, fig. 25a,b.

CM24282. *Rhinoclavis (Ochetoclava) kochi* (Philippi), p.26, pl.5, fig. 26a,b.

CW24286. *Spirorbis perplanorbis* (Yokoyama), p.121, pl.4, fig.18, Holotype.

CM24287. *Littorinopsis strigata* (Lischke), p.19, pl.4, fig.1a,b.

CM24288. *Assiminea (Assiminea) japonica* v. Martens, p.21, pl.4, fig.3a,b. (missing)

CM24291. *Eufenella ichikawensis* (Yokoyama), p.24, pl.5, fig.1a,b, Lectotype. (missing)

CM24293. *Stenothyra edogawensis* (Yokoyama), p.19, pl.4, fig.4a,b, Holotype. (missing)

CM24301. *Eufenella pupoides* (Adams (A.)), p.23, pl.5, fig.3a,b. (missing)

CM24302. *Eufenella pupoides* (Adams (A.)), p.23, pl.5, fig.2a,b.

CM24320. *Eulima ozawai* Yokoyama, p.30, pl.6, fig.6a,b, Holotype.

CM24330. *Odostomia (Megastomia) rusticella* Yokoyama, p.61, pl.18, fig.3 a,b, Holotype.

CM24331. *Cingulina (Polyspirella) cingulata* (Dunker), p.63, pl.17, fig. 32a,b.

CM24336. *Sinusicola filiola* (Yokoyama), p.19, pl.4, fig.5a,b, Lectotype.

CM24356. *Martesia striata cupula* (Yokoyama), p.118, pl.56, fig.11a,b.

CM24357. *"Teredo"* sp., p.118, pl.20, fig.21a,b. (missing)

CM24367. *Cryptomya (Venatomya) truncata* Gould, p.117, pl.55, fig.9a-c.

CM24380. *Solen strictus* Gould, p.115, pl.54, fig.1a,b.

CM24383. *Donax (Tendidonax) kiusiuensis* Pilsbry, p.110, pl.52, fig.1a,b. (missing)

CM24394. *Fabulina (Moerella) peitaihoensis* (Grabau & King), p.114, pl.53, fig.3a,b.

CM24427. *Anomalocardia (Veremolpa) micra* (Pilsbry), p.104, pl.47, fig.5a,b.

CM24428. *Anomalocardia (Veremolpa) micra* (Pilsbry), p.104, pl.47, fig.4a,b.

CM24435. *Gomphina (Macridiscus) veneriformis* (Lamarck), p.105, pl.48, fig. 10a,b.

CM24452. *Conchocele bisecta* (Conrad), p.95, pl.39, fig.15.

CM24453. *Thyasira (Thyasira) tokunagai* Kuroda & Habe, p.95, pl.39, fig. 14a,b.

Oyama, K. (1973): continued

CM24513. *Fabulina (Moerella) peitaihoensis* (Grabau & King), p.114, pl.53, fig.9a,b. (missing)

CM24514. *Thyasira (Thyasira) tokunagai* Kuroda & Habe, p.95, pl.39, fig. 16a,b.

CM24532. *Trophon (Boreotrophon) candelabrum* (Reeve), p.39, pl.11, fig.6. (missing)

CM24533. *Trophon (Boreotrophon) candelabrum* (Reeve), p.39, pl.11, fig.12. (missing)

CM24534. *Trophon (Nipponotrophon) echinus* (Dall), p.40, pl.11, fig.22a,b.

CM24535. *Trophon (Nipponotrophon) echinus* (Dall), p.40, pl.11, fig.19. (missing)

CM24536. *Trophon (Nipponotrophon) echinus* (Dall), p.40, pl.11, fig.17.

CM24537. *Trophon (Nipponotrophon) echinus* (Dall), p.40, pl.11, fig.15. (missing)

CM24538. *Trophon (Nipponotrophon) echinus* (Dall), p.40, pl.11, fig.18. (missing)

CM24539. *Dentalium (Paradentalium) octangulatum hexagonum* Gould, p.72, pl.20, fig.22a,b. (missing)

CM24540. *Dentalium (Paradentalium) octangulatum hexagonum* Gould, p.72, pl.20, fig.24a,b. (missing)

CM24541. *Cardita leana* Dunker, p.91, pl.38, fig.3a-c. (missing)

CM24542. *Chlamys (Chlamys) squamata* (Gmelin), p.84, pl.32, fig.11. (missing)

CM24543. *Striarca (Galactella) interplicata* (Grabau & King), p.79, pl.26, fig.3a-c. (missing)

CM24544. *Limopsis (Nipponolimopsis) azumana* Yokoyama, p.76, pl.21, fig. 12a-c. (missing)

CM24545. *Limopsis (Nipponolimopsis) azumana* Yokoyama, p.76, pl.21, fig. 15a-c. (missing)

CM24546. *Limopsis (Nipponolimopsis) azumana* Yokoyama, p.76, pl.21, fig. 19a-c. (missing)

Oyama, K., Mizuno, A. and Sakamoto, T. (1960): Illustrated handbook of Japanese Paleogene molluscs. Geol. Surv. Japan, 244p., 71pls., 2text-figs.

CM4684.* *"Aturia" matsushitai* Kobayashi, p.218, pl.68, fig.2a-c, Holotype. (see also Kobayashi, 1956a)

CM8492.* *Neocymatoceras tsukushiense* Kobayashi, p.219, pl.69, fig.1a,b, Holotype. (see also Kobayashi, 1954a)

Oyama, K., Mizuno, A. and Sakamoto, T. (1960): continued

CM8493. *Obinautilus pulcher* [*pulchrus*] Kobayashi, p.217, pl.68, fig.3a-c, Holotype. (see also Kobayashi, 1954b)

CM13143. *Molopophorus watanabei* Otuka, p.74, pl.14, fig.4a, Holotype. (missing)(see also Otuka, 1937c)

CM13144. *Molopophorus watanabei* Otuka, p.74, pl.14, fig.4b, Paratype. (missing)(see also Otuka, 1937c)

CM13145. *Molopophorus watanabei* Otuka, p.74, pl.14, fig.4c, Paratype. (missing)(see also Otuka, 1937c)

CM15161. *Cipangopaludina isikariensis* (Suzuki), p.33, pl.2, fig.3a-c, Holotype. (missing)(see also Suzuki, 1941a)

CM15162. *Bellamya (Sinotaia) mabutii* (Suzuki), p.32, pl.2, fig.2a-c, Holotype. (missing)(see also Suzuki, 1941a)

CM15163. *Bellamya (Sinotaia) mabutii* (Suzuki), p.32, pl.2, fig.2d,e, Paratype. (see also Suzuki, 1941a)

CM15168. *Bellamya (Sinotaia) mabutii* (Suzuki), p.32, pl.2, fig.2f,g, Paratype. (see also Suzuki, 1941a)

CM15170. *Lanceolaria pisciformis* (Yokoyama), p.135, pl.38, fig.2c-e. (missing)(see also Suzuki, 1941a)

CM15174. *Corbicula (Corbicula) tokudai* (Yokoyama), p.166, pl.50, fig.6k. (see also Suzuki, 1941a)

CM15189. *Corbicula (Corbicula) tokudai* (Yokoyama), p.166, pl.50, fig.6d. (see also Suzuki, 1941a)

CM15190. *Corbicula (Corbicula) tokudai* (Yokoyama), p.166, pl.50, fig.6j. (see also Suzuki, 1941a)

CM15194. *Corbicula (Corbicula) tokudai* (Yokoyama), p.166, pl.50, fig.6g, h. (missing)(see also Suzuki, 1941a)

CM15197. *Corbicula (Corbicula) tokudai* (Yokoyama), p.166, pl.50, fig.6e, f. (see also Suzuki, 1941a)

CM15200. *Corbicula (Corbicula) tokudai* (Yokoyama), p.166, pl.50, fig.6i. (see also Suzuki, 1941a)

CM15201. *Semisulcospira fiscina yokoyamai* Suzuki, p.42, pl.4, fig.2a-c, Lectotype. (missing)(see also Suzuki, 1941b)

CM15202. *Unio uryuensis* Suzuki, p.133, pl.37, fig.5a-c, Holotype. (see also Suzuki, 1941b)

CM15221. *Corbicula (Cyrenobatissa) mirabilis* (Nagao), p.163, pl.49, fig. 3c. (see also Suzuki, 1941c)

CM15223. *Corbicula (Cyrenobatissa) mirabilis* (Nagao), p.163, pl.49, fig. 3b. (see also Suzuki, 1941c)

CM15227. *Corbicula (Cyrenobatissa) mirabilis* (Nagao), p.163, pl.49, fig. 3a. (see also Suzuki, 1941c)

Oyama, K., Mizuno, A. and Sakamoto, T. (1960): continued

CM15249. *Corbicula (Batissa) sitakaraensis* Suzuki, p.158, pl.48, fig.3g, h, Holotype. (missing)(see also Suzuki, 1941d)

CM15268. *Chlamys (Coralichlamys ?) rutteni* Martin, p.121, pl.29, fig.4. (missing)(see also Mizuno, 1952)

CM15269. *Crassatellites (Eucrassatella) inconspicuus* Nagao, p.141, pl.41, fig.3h. (missing)(see also Mizuno, 1952)

CM15270. *Crassatellites (Eucrassatella) inconspicuus* Nagao, p.141, pl.41, fig.3i. (missing)(see also Mizuno, 1952)

CM15271. *Crassatellites (Eucrassatella) inconspicuus* Nagao, p.141, pl.41, fig.3j. (missing)(see also Mizuno, 1952)

CM15272. *Crassatellites (Eucrassatella) inconspicuus* Nagao, p.141, pl.41, fig.3g. (missing)(see also Mizuno, 1952)

CM15274. *Crassatellites (Eucrassatella) inconspicuus* Nagao, p.141, pl.41, fig.3f. (missing)(see also Mizuno, 1952)

CM15275. *Venericardia (Cyclocardia ?) vestitoides* Mizuno, p.152, pl.46, fig.5a, Paratype. (missing)(see also Mizuno, 1952)

CM15276. *Venericardia (Cyclocardia ?) vestitoides* Mizuno, p.152, pl.46, fig.5c, Holotype. (missing)(see also Mizuno, 1952)

CM15277. *Venericardia (Cyclocardia ?) vestitoides* Mizunom p.152, pl.46, fig.5b, Paratype. (missing)(see also Mizuno, 1952)

CM15281. *Venericardia (Megacardita) japonica* Mizuno, p.156, pl.46, fig.3a, Holotype. (missing)(see also Mizuno, 1952)

CM15282. *Venericardia (Megacardita) japonica* Mizuno, p.156, pl.46, fig.3b, Paratype. (missing)(see also Mizuno, 1952)

CM15289. *Yoldia (Yoldia) laudabilis* Yokoyama, p.90, pl.19, fig.6f, Neotype. (see also Mizuno, 1954)

CM15292. *Yoldia (Yoldia) laudabilis* Yokoyama, p.90, pl.19, fig.6a,e. (missing)(see also Mizuno, 1954)

CM15304. *Yoldia (Yoldia) laudabilis* var. *h-matsuii* Mizuno, p.91, pl.19, fig.7, Holotype. (see also Mizuno, 1954)

CM20005. *Lima (Acesta) nishiyamai* (Yokoyama), p.124, pl.33, fig.4a,b, Holotype. (see also Yokoyama, 1911b)

CM20006. *Pholadomya* sp., p.214, pl.65, fig.5a,b. (see also Yokoyama, 1911b)

CM20009. *Crassatellites (Eucrassatella) nipponensis* Yokoyama, p.140, pl.40, fig.4c,d, Paralectotype. (see also Yokoyama, 1911b)

CM20010. *Crassatellites (Eucrassatella) nipponensis* Yokoyama, p.140, pl.40, fig.4a,b. (see also Yokoyama, 1911b)

CM20011. *Crassatellites (Eucrassatella) nipponensis* Yokoyama, p.140, pl.40, fig.4e-g. (see also Yokoyama, 1911b)

Oyama, K., Mizuno, A. and Sakamoto, T. (1960): continued

CM20016. *Venericardia (Venericor) nipponica* Yokoyama, p.154, pl.45, fig. 3a,b, "Holotype" [to be Lectotype].

CM20018. *Venericardia (Venericor) mandaica* (Yokoyama), p.155, pl.46, fig. 2a,b, Paralectotype. (see also Yokoyama, 1911b)

CM20019. *Venericardia (Venericor) mandaica* (Yokoyama), p.155, pl.46, fig. 2c, Paralectotype. (see also Yokoyama, 1911b)

CM20020. *Venericardia (Venericor) mandaica* (Yokoyama), p.155, pl.46, fig. 2d, Lectotype. (see also Yokoyama, 1911b)

CM20022. *Callista mitsuiana* (Yokoyama), p.185, pl.57, fig.2a,b, Holotype. (see also Yokoyama, 1911b)

CM20023. *Pseudoperissolax yokoyamai* Suzuki et Ito, p.76, pl.15, fig.2b, Holotype. (see also Yokoyama, 1911b)

CM20025. *Aturia nagaoi* Kobayashi, p.217, pl.68, fig.1a,b, Holotype.

CM20031. *Lima (Acesta) amaxensis* Yokoyama, p.125, pl.33, fig.3a, Holotype.

CM22050. *"Ocenebra" tsuzurensis* (Yokoyama), p.58, pl.7, fig.5c, Syntype. (missing)(see also Yokoyama, 1924b)

CM22051. *"Ocenebra" tsuzurensis* (Yokoyama), p.58, pl.7, fig.5a,b, Syntype. (missing)(see also Yokoyama, 1924b)

CM22052. *"Ocenebra" tsuzurensis* (Yokoyama), p.58, pl.7, fig.5d, Syntype. (missing)(see also Yokoyama, 1924b)

CM22053. *Turritella tokunagai* Yokoyama, p.38, pl.3, fig.4c, Syntype. (missing)(see also Yokoyama, 1924b)

CM22054. *Turritella tokunagai* Yokoyama, p.38, pl.3, fig.4a,b, Syntype. (missing)(see also Yokoyama, 1924b)

CM22057. *Turritella importuna* Yokoyama, p.38, pl.3, fig.7a, Syntype. (missing)(see also Yokoyama, 1924b)

CM22058. *Turritella importuna* Yokoyama, p.38, pl.3, fig.7b, Syntype. (missing)(see also Yokoyama, 1924b)

CM22061. *Crepidula matajiroi* Makiyama, p.53, pl.6, fig.5a-c, Holotype. (missing)(see also Yokoyama, 1924b)

CM22063. *Calyptraea tokunagai* Hatai et Nisiyama, p.52, pl.6, fig.6a,b, Holotype. (missing)(see also Yokoyama, 1924b)

CM22064. *Ampullina asagaiensis* Makiyama, p.48, pl.6, fig.2e. (missing) (see also Yokoyama, 1924b)

CM22066. *"Margarites" makiyamai* Hatai et Nisiyama, p.29, pl.1, fig.2a,b, Syntype. (missing)(see also Yokoyama, 1924b)

CM22067. *"Margarites" makiyamai* Hatai et Nisiyama, p.29, pl.1, fig.2c,d, Syntype. (missing)(see also Yokoyama, 1924b)

CM22069. *Mya grewingki* Makiyama, p.210, pl.64, fig.4a-c. (missing)(see also Yokoyama, 1924b)

Oyama, K., Mizuno, A. and Sakamoto, T. (1960): continued

CM22072. *Angulus (Peronidia)* sp., p.200, pl.61, fig.3. (missing)(see also Yokoyama, 1924b)

CM22073. *Macoma sejugata* (Yokoyama), p.198, pl.60, fig.8a-c, Holotype. (missing)(see also Yokoyama, 1924b)

CM22074. *Periploma besshoense* (Yokoyama), p.214, pl.66, fig.2a-c, Syntype. (missing)(see also Yokoyama, 1924b)

CM22075. *Periploma besshoense* (Yokoyama), p.214, pl.66, fig.2d,e, Syntype. (missing)(see also Yokoyama, 1924b)

CM22077. *Callista misawaensis* Hatai et Nisiyama (MS), p.187, pl.57, fig. 6b, "Syntype". (missing)(see also Yokoyama, 1924b)

CM22078. *Callista misawawnsis* Hatai et Nisiyama (MS), p.187, pl.57, fig. 6a, "Syntype". (missing)(see also Yokoyama, 1924b)

CM22079. *Liocyma furtiva* (Yokoyama), p.193, pl.59, fig.6a,b, "Holotype" [to be Lectotype]. (missing)(see also Yokoyama, 1924b)

CM22080. *Liocyma terrena* (Yokoyama), p.193, pl.59, fig.5a,b, "Holotype" [to be Lectotype]. (missing)(see also Yokoyama, 1924b)

CM22084. *Serripes squalidus* Yokoyama, p.177, pl.55, fig.6a,b, Holotype. (missing)(see also Yokoyama, 1924b)

CM22087. *Nemocardium tristiculum* (Yokoyama), p.176, pl.54, fig.1a,b, Lectotype. (missing)(see also Yokoyama, 1924b)

CM22088. *Clinocardium asagaiense* (Makiyama), p.177, pl.54, fig.3b-d. (missing)(see also Yokoyama, 1924b)

CM22089. *Papyridea harrimani* Dall, p.180, pl.52, fig.4c. (missing)(see also Yokoyama, 1924b)

CM22090. *Papyridea harrimani* Dall, p.180, pl.52, fig.4b. (missing)(see also Yokoyama, 1924b)

CM22091. *Thyasira (Conchocele) bisecta* Conrad, p.173, pl.52, fig.2c. (missing)(see also Yokoyama, 1924b)

CM22092. *Venericardia (Cyclocardia) tokunagai* Yokoyama, p.151, pl.44, fig.7a-c, "Holotype" [to be Lectotype]. (missing)(see also Yokoyama, 1924b)

CM22093. *Venericardia (Cyclocardia) pacifera* Yokoyama, p.150, pl.44, fig. 6a,b, "Holotype" [to be Lectotype]. (missing)(see also Yokoyama, 1924b)

CM22094. *Venericardia (Cyclocardia) laxata* Yokoyama, p.147, pl.43, fig. 7a-c, "Holotype" [to be Lectotype]. (missing)(see also Yokoyama, 1924b)

CM22095. *Venericardia (Cyclocardia ?) dodairensis* (Hatai et Nisiyama), p.152, pl.46, fig.4a, Syntype. (missing)(see also Yokoyama, 1924b)

CM22096. *Venericardia (Cyclocardia ?) dodairensis* (Hatai et Nisiyama), p.152, pl.46, fig.4b, Syntype. (missing)(see also Yokoyama, 1924b)

Oyama, K., Mizuno, A. and Sakamoto, T. (1960): continued

CM22097. *Mytilus luciferus* Yokoyama, p.115, pl.26, fig.2, "Syntype" [to be Holotype] (missing)(see also Yokoyama, 1924b)

CM22101. *Lima (Lima) yumotoensis* Yokoyama, p.123, pl.33, fig.2a,b, Holotype. (missing)(see also Yokoyama, 1924b)

CM22105. *Crassostrea mundana* (Yokoyama), p.131, pl.32, fig.1a,b, Holotype. (missing)(see also Yokoyama, 1924b)

CM22110. *Yoldia (Cnesterium) yabei* (Yokoyama), p.93, pl.19, fig.10, "Holotype" [to be Lectotype]. (missing)(see also Yokoyama, 1924b)

CM22111. *Yoldia (Yoldia) laudabilis* Yokoyama, p.90, pl.19, fig.6a,b, "Holotype" [to be Lectotype]. (missing)(see also Yokoyama, 1924b)

CM22404. *Venericardia (Cyclocardia) orbica* Yokoyama, p.150, pl.44, fig.5, Holotype. (missing)(see also Yokoyama, 1925b)

CM22664. *Myurella (Strioterebrum) eminula* (Yokoyama), p.82, pl.18, fig.6, Holotype. (see also Yokoyama, 1925d)

CM22666. *Fulgoraria (Psephaea) magna* (Takeda), p.79, pl.17, fig.2a. (see also Yokoyama, 1925d)

CM22703. *Clementia hanzawai* Hatai et Nisiyama (MS), p.195, pl.60, fig.1, "Holotype". (see also Yokoyama, 1925d)

CM22706. *Crassatellites (Crassatina) pauxillus* (Yokoyama), p.144, pl.40, fig.3c. (see also Yokoyama, 1925d)

CM22712. *Vasticardium otukai* Hatai et Nisiyama (MS), p.179, pl.55, fig.2, "Holotype". (see also Yokoyama, 1925d)

CM22739. *Crassatellites (Crassatina) pauxillus* (Yokoyama), p.144, pl.40, fig.3b, Paralectotype. (see also Yokoyama, 1925d)

CM22742. *Crassatellites (Crassatina) pauxillus* (Yokoyama), p.144, pl.40, fig.3a, Lectotype. (see also Yokoyama, 1925d)

CM22747. *Lima (Acesta) yagenensis* Otuka, p.127, pl.33, fig.5, "Holotype" [to be Lectotype]. (missing)(see also Yokoyama, 1925d)

CM22750. *Decatopecten* sp., p.121, pl.30, fig.1. (see also Yokoyama, 1925d)

CM22758. *Anadara chichibuensis* Hatai et Nisiyama (MS), p.109, pl.24, fig. 3a,b, "Holotype". (see also Yokoyama, 1925d)

CM22762. *Portlandia (Megayoldia) thraciaeformis* (Storer), p.98, pl.20, fig.6a,b. (see also Yokoyama, 1925d)

CM24561. *Phaxas izumoensis* (Yokoyama), p.205, pl.63, fig.6b,c, Syntype. (see also Yokoyama, 1923c)

CM24565. *Macoma optiva* (Yokoyama), p.198, pl.60, fig.9b,c, Lectotype. (see also Yokoyama, 1923c)

CM24566. *Macoma optiva* (Yokoyama), p.198, pl.60, fig.9a, Paralectotype. (see also Yokoyama, 1923c)

Oyama, K., Mizuno, A. and Sakamoto, T. (1960): continued

CM24978. *Clathrus submaculosus* (Nagao), p.46, pl.5, fig.5a-c. (see also Yokoyama, 1927d)

CM24982. *Anodontia sagawai* (Yokoyama), p.172, pl.53, fig.1a-c, "Holotype" [to be Lectotype]. (missing)(see also Yokoyama, 1927d)

CM24987. *Septifer nagaoi* Oyama, p.114, pl.26, fig.3a, Holotype. (see also Yokoyama, 1927d)

CM24989. *Lima (Acesta) nagaoi* Oyama, p.126, pl.34, fig.1b, Holotype. (missing)(see also Yokoyama, 1927d)

CM25698. *Laevicardium taracaicum* (Yokoyama), p.176, pl.54, fig.2d,e, Syntype. (see also Yokoyama, 1930c)

CM25699. *Laevicardium taracaicum* (Yokoyama), p.176, pl.54, fig.2b,c, Syntype. (see also Yokoyama, 1930c)

CM25702. *Nemocardium yokoyamai* Takeda, p.175, pl.66, fig.6a, Lectotype. (see also Yokoyama, 1930c)

CM25703. *Nemocardium yokoyamai* Takeda, p.175, pl.66, fig.6b, Paralectotype. (see also Yokoyama, 1930c)

CM25827. *Corbicula (Corbicula) iburica* (Yokoyama), p.167, pl.50, fig.5a,b, Holotype. (see also Yokoyama, 1931a)

CM26008. *Cerithidea ishikariensis* Yokoyama, p.44, pl.5, fig.1c, Lectotype. (see also Yokoyama, 1932)

CM26010. *Cerithidea ishikariensis* Yokoyama, p.44, pl.5, fig.1a,b, Paralectotype. (see also Yokoyama, 1932)

CM26018. *Bellamya (Sinotaia) uryuensis* (Yokoyama), p.31, pl.2, fig.1a,b, Lectotype. (see also Yokoyama, 1932)

CM26019. *Bellamya (Sinotaia) uryuensis* (Yokoyama), p.31, pl.2, fig.1c,d, Paralectotype. (see also Yokoyama, 1932)

CM26046. *Bellamya (Sinotaia) uryuensis* (Yokoyama), p.31, pl.2, fig.1e,f, Paralectotype. (see also Yokoyama, 1932)

CM26051. *Semisulcospira fiscina* (Yokoyama), p.41, pl.4, fig.1c, Paralectotype. (see also Yokoyama, 1932)

CM26052. *Semisulcospira fiscina* (Yokoyama), p.41, pl.4, fig.1b, Paralectotype. (see also Yokoyama, 1932)

CM26053. *Semisulcospira fiscina* (Yokoyama), p.41, pl.4, fig.1a, Lectotype. (see also Yokoyama, 1932)

CM26095. *"Martesia" pulchella* Yokoyama, p.212, pl.65, fig.2, Holotype. (see also Yokoyama, 1932)

CM26126. *Cyclina shirokiana* Yokoyama, p.191, pl.59, fig.2a,b, Holotype. (see also Yokoyama, 1932)

CM26134. *Pitar ? sannosawaensis* (Yokoyama), p.185, pl.56, fig.2, Syntype. (see also Yokoyama, 1932)

Oyama, K., Mizuno, A. and Sakamoto, T, (1960): continued

CM26148. *Corbicula (Corbicula) tokudai* (Yokoyama), p.166, pl.50, fig.6a,b, Lectotype. (see also Yokoyama, 1932)

CM26149. *Corbicula (Corbicula) tokudai* (Yokoyama), p.166, pl.50, fig.6c. (see also Yokoyama, 1932)

CM26206. *"Paphia" munroei* Yokoyama, p.194, pl.59, fig.7c, Lectotype. (missing)(see also Yokoyama, 1932)

CM26260. *Astarte ? verecunda* (Yokoyama), p.139, pl.40, fig.1a, "Holotype" [to be Syntype]. (see also Yokoyama, 1932)

CM26261. *Astarte ? verecunda* (Yokoyama), p.139, pl.40, fig.1b, "Holotype" [to be Syntype]. (see also Yokoyama, 1932)

CM26264. *Anodonta subjapanensis* (Yokoyama), p.138, pl.39, fig.2a-c, "Holotype" [to be Lectotype]. (see also Yokoyama, 1932)

CM26266. *Lanceolaria pisciformis* (Yokoyama), p.135, pl.38, fig.2a,b, "Holotype" [to be Lectotype]. (see also Yokoyama, 1932)

CM26273. *Anodonta subjapanensis yokoyamai* Suzuki, p.138, pl.39, fig.3c-e, Holotype. (see also Yokoyama, 1932)

CM26277. *Margaritifera perdahurica* (Yokoyama), p.132, pl.37, fig.6e, "Holotype" [to be Lectotype]. (see also Yokoyama, 1932)

CM26280. *Anodonta subjapanensis* (Yokoyama), p.138, pl.19, fig.2e. (see also Yokoyama, 1932)

CM26310. *Portlandia (Megayoldia) breviscapha* (Yokoyama), p.97, pl.20, fig. 4, Syntype. (missing)(see also Yokoyama, 1932)

Shikama, T. (1967): System and evolution of Japanese fulgorarid gastropoda. *Sci. Rept. Yokohama Nat. Univ.*, sec.2, no.13, pp.23-132, pls.1-17, Text-figs.1-18.

CM15326. (= 0069) *Fulgoraria (Psephaea) concinna rosea* Shikama, p.85, pl. 12, figs.21,22, Holotype.

CM15327. (= 0067) *Musashia (Nipponomelon) prevostiana* (Crosse), p.91, pl. 11, figs.5,6.

CM15328. (= 0067) *Musashia (Nipponomelon) prevostiana* (Crosse), p.91, pl. 11, figs.7,8.

CM15336. *Musashia (Nipponomelon) otukai* Shikama, p.97, pl.12, figs.9,10, Holotype.

CM15337. *Musashia (Nipponomelon) striata* (Yokoyama), p.102, pl.15, figs. 1,2.

CM15338. *Musashia (Musashia) nagaoi* Shikama, p.111, pl.13, figs.11,12, Paratype. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Musashia (Nipponomelon) prevostiana (Crosse): CM13288 (see also Otuka, 1949), CM15329 (=0066), CM15330 (=0066), CM15331 (=0066), CM15332 (=0068), CM15333 (=0068), CM15334 (=0068), CM15335

Musashia (Nipponomelon) kamakurensis (Otuka): CM20092 (see also Yokoyama, 1920)

Musashia (Nipponomelon) striata (Yokoyama): CM22666, CM22667 (missing) (see also Yokoyama, 1925)

Musashia (Nipponomelon) prevostiana magna (Kuroda and Habe): CM22968 (see also Yokoyama, 1926), CM25285 (see also Yokoyama, 1928)

Sugita, M. (1962): The fossils and their habitats in the Neogene Katsuragawa Group, in the south Kwanto region. *Trans. Proc. Palaeont. Soc. Japan,* N. S., no.47, pp.281-290, pl.44.

CM15306. *Dentalium (Fissidentalium) vernedei* Sowerby, p.286, pl.44, fig.1.

CM15307. *Portlandia (Megayoldia) tsuruensis* Sugita, p.286, pl.44, fig.2, Paratype.

CM15308. *Portlandia (Megayoldia) tsuruensis* Sugita, p.286, pl.44, fig.3, Paratype.

CM15309. *Portlandia (Megayoldia) tsuruensis* Sugita, p.286, pl.44, figs.4, 5, Holotype.

CM15310. *Portlandia (Megayoldia) tsuruensis* Sugita, p.286, pl.44, fig.6, Paratype.

CM15311. *Palliolum (Delectopecten) peckhami tairanum* (Yokoyama), p.287, pl.44, fig.7.

CM15312. *Palliolum (Delectopecten) peckhami tairanum* (Yokoyama), p.287, pl.44, fig.8.

CM15313. *Palliolum (Delectopecten) peckhami tairanum* (Yokoyama), p.287, pl.44, fig.9.

CM15315. *Lucina* cf. *stearnsiana* Oyama, p.288, pl.44, fig.10.

CM15316. *Lucina* cf. *stearnsiana* Oyama, p.288, pl.44, fig.11.

CM15319. *Clementia (s. s.) nakamurai* Otuka, p.288, pl.44, fig.12.

CF15320. *Cyclammina* aff. *ezoensis* Asano, p.288, pl.44, fig.13.

CF15321. *Cyclammina* aff. *ezoensis* Asano, p.288, pl.44, figs.14,15.

CF15324. *Cyclammina cancellata* Brady, p.289, pl.44, fig.16.

CF15325. *Cyclammina cancellata* Brady, p.289, pl.44, fig.17.

The following specimens, though not illustrated, were also treated in this paper.

Palliolum (Delectopecten) peckhami tairanum (Yokoyama): CM15314 (missing)

Lucina cf. *stearnsiana* Oyama: CM15317 (missing), CM15318 (missing)

Cyclammina aff. *ezoensis* Asano: CF15322, CF15323 (missing)

Suzuki, K. (1941a): Some non-marine shells from the Oligocene Isikari Series in the Isikari coal-field, Hokkaido. *Jour. Fac. Sci., Imp. Univ. Tokyo,* sec.2, vol.6, pt.1, pp.1-11, pls.1-2, text-figs.1-2.

CM15161. *Viviparus isikariensis* Suzuki, p.4, pl.1, fig.1a-c, "Monotype" [to be Holotype]. (missing)

CM15162. *Viviparus mabutii* Suzuki, p.6, pl.1, fig.2a-c, Holotype. (missing)

CM15163. *Viviparus mabutii* Suzuki, p.6, pl.1, fig.3a,b.

CM15164. *Viviparus mabutii* Suzuki, p.6, pl.1, fig.4a,b. (missing)

CM15165. *Viviparus mabutii* Suzuki, p.6, pl.1, fig.5a,b. Paratype.

CM15166. *Viviparus mabutii* Suzuki, p.6, pl.1, fig.6a,b. Paratype.

CM15167. *Viviparus mabutii* Suzuki, p.6, pl.1, fig.7. (missing)

CM15168. *Viviparus mabutii* Suzuki, p.6, pl.1, fig.8a,b, Paratype. (missing)

CM15169. *Viviparus mabutii* Suzuki, p.6, pl.1, fig.9.

CM15170. *Lanceolaria pisciformis* (Yokoyama), p.8, pl.1, fig.10a-c. (missing)

CM15171. *Corbicula atrata tokudai* (Yokoyama), p.9, text-fig.1. (missing)

CM15172. *Corbicula atrata tokudai* (Yokoyama), p.9, text-fig.2. (missing)

CM15173. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.1, fig.11.

CM15174. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.1, fig.12.

CM15175. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.1.

CM15176. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.2a,b.

CM15177. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.3.

CM15178. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.4a,b.

CM15179. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.5.

CM15180. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.6.

CM15181. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.7.

CM15182. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.8a,b. (missing)

CM15183. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.9.

CM15184. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.10.

CM15185. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.11.

CM15186. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.12.

CM15187. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.13.

CM15188. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.14.

Suzuki, K. (1941a): continued

CM15189. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.15.

CM15190. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.16.

CM15191. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.17. (missing)

CM15192. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.18. (missing)

CM15193. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.19a,b. (missing)

CM15194. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.20a,b. (missing)

CM15195. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.21. (missing)

CM15196. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.22.

CM15197. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.23a,b.

CM15198. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.24. (missing)

CM15199. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.25.

CM15200. *Corbicula atrata tokudai* (Yokoyama), p.9, pl.2, fig.26.

Suzuki, K. (1941b): Notes on the Tertiary non-marine mollusca from the coal-field of Uryū, Hokkaidō. *Jour. Fac. Sci., Imp. Univ. Tokyo,* sec.2, vol.6, pt.2, pp.13-37, pls.1-2, text-fig.1a-b.

CM15201. *Semisulcospira fiscina* (Yokoyama), p.22, pl.1, fig.5. (missing)

CM15202. *Unio uryuensis* Suzuki, p.25, pl.1, fig.11a-c, "Monotype" [to be Holotype].

CM15203. *Lanceolaria pisciformis* (Yokoyama), p.26, pl.1, fig.12.

CM15204. *Anodonta subjapanensis* (Yokoyama), p.28, pl.2, fig.2.

CM15205. *Corbicula* cf. *strata* Reinhardt, p.31, pl.1, fig.10a,b. (missing)

CM15206. *Corbicula atrata tokudai* (Yokoyama), p.32, pl.2, fig.6.

CM15207. *Corbicula atrata tokudai* (Yokoyama), p.32, pl.2, fig.7.

CM15208. *Corbicula atrata tokudai* (Yokoyama), p.32, pl.2, fig.9.

CM15209. *Corbicula atrata tokudai* (Yokoyama), p.32, pl.2, fig.10.

CM15210. *Corbicula atrata tokudai* (Yokoyama), p.32, pl.2, fig.11.

CM15211. *Corbicula atrata tokudai* (Yokoyama), p.32, pl.2, fig.12.

CM15212. *Corbicula atrata tokudai* (Yokoyama), p.32, pl.2, fig.14.

CM15213. *Corbicula atrata tokudai* (Yokoyama), p.32, pl.2, fig.15.

CM15214. *Corbicula atrata tokudai* (Yokoyama), p.32, pl.2, fig.16.

Suzuki, K. (1941b): continued

CM15215. *Corbicula atrata tokudai* (Yokoyama), p.32, pl.2, fig.17.

CM15216. *Corbicula atrata tokudai* (Yokoyama), p.32, pl.2, fig.18.

CM15217. *Corbicula iburica* (Yokoyama), p.35, pl.2, fig.4.

CM15218. *Corbicula iburica* (Yokoyama), p.35, pl.2, fig.5a,b.

CM25827. *Corbicula iburica* (Yokoyama), p.35, text-fig.1a,b, Holotype. (see also Yokoyama, 1932)

CM26018. *Viviparus uryuensis* Yokoyama, p.20, pl.1, fig.2a,b, "Holotype" [to be Lectotype]. (missing)(see also Yokoyama, 1932)

CM26019. *Viviparus uryuensis* Yokoyama, p.20, pl.1, fig.3a,b, "Paratype" [to be Paralectotype]. (see also Yokoyama, 1932)

CM26046. *Viviparus uryuensis* Yokoyama, p.20, pl.1, fig.1a,b. (see also Yokoyama, 1932)

CM26047. *Viviparus uryuensis* Yokoyama, p.20, pl.1, fig.4. (see also Yokoyama, 1932)

CM26051. *Semisulcospira fiscina* (Yokoyama), p.21, pl.1, fig.8. (see also Yokoyama, 1932)

CM26052. *Semisulcospira fiscina* (Yokoyama), p.21, pl.1, fig.7, Paralectotype. (see also Yokoyama, 1932)

CM26053. *Semisulcospira fiscina* (Yokoyama), p.21, pl.1, fig.6, "Holotype" [to be Lectotype]. (see also Yokoyama, 1932)

CM26148. *Corbicula atrata tokudai* (Yokoyama), p.32, pl.2, fig.8a,b, "Holotype" [to be Lectotype]. (see also Yokoyama, 1932)

CM26149. *Corbicula atrata tokudai* (Yokoyama), p.32, pl.2, fig.13, Paralectotype. (see also Yokoyama, 1932)

CM26266. *Lanceolaria pisciformis* (Yokoyama), p.26, pl.1, fig.13a,b, "Holotype" [to be Lectotype]. (see also Yokoyama, 1932)

CM26273. *Anodonta subjapanensis yokoyamai* Suzuki, p.29, pl.2, fig.3a-c, Holotype. (see also Yokoyama, 1932)

CM26277. *Margaritifera perdahurica* (Yokoyama), p.24, pl.1, fig.9, "Holotype" [to be Lectotype]. (see also Yokoyama, 1932)

CM26280. *Anodonta subjapanensis* (Yokoyama), p.28, pl.2, fig.1, "Holotype" [to be Lectotype]. (see also Yokoyama, 1932)

Suzuki, K. (1941c): The Palaeogene corbiculids of northwestern Kyushu. *Jour. Fac. Sci., Imp. Univ. Tokyo,* sec.2, vol.6, pt.3, pp.39-62, pls. 1-4, text-figs.1-7.

CM15219. *Batissa nagaoi* Suzuki, p.46, pl.1, fig.1a-c.

Suzuki, K. (1941c): continued

CM15220. *Batissa nagaoi* Suzuki, p.46, pl.1, fig.2.
CM15221. *Batissa mirabilis* (Nagao), p.50, pl.1, fig.3a-c.
CM15222. *Batissa mirabilis* (Nagao), p.50, pl.2, fig.1a-c.
CM15223. *Batissa mirabilis* (Nagao), p.50, pl.2, fig.2a-c.
CM15224. *Batissa mirabilis* (Nagao), p.50, pl.2, fig.3.
CM15225. *Batissa mirabilis* (Nagao), p.50, pl.2, fig.4.
CM15226. *Batissa mirabilis* (Nagao), p.50, pl.3, fig.1a-c. (missing)
CM15227. *Batissa mirabilis* (Nagao), p.50, pl.3, fig.2.
CM15228. *Batissa mirabilis* (Nagao), p.50, pl.3, fig.3.
CM15229. *Batissa mirabilis* (Nagao), p.50, pl.3, fig.4.
CM15230. *Batissa mirabilis* (Nagao), p.50, pl.3, fig.5.
CM15231. *Batissa mirabilis* (Nagao), p.50, pl.3, fig.6. (missing)
CM15232. *Batissa procera* Suzuki, p.54, pl.1, fig.5, Paratype.
CM15233. *Batissa procera* Suzuki, p.54, pl.1, fig.6, Paratype. (missing)
CM15234. *Batissa procera* Suzuki, p.54, pl.1, fig.7, Paratype. (missing)
CM15235. *Corbicula hizenensis* Ueji, p.56, pl.4, fig.1a-d. (missing)
CM15236. *Corbicula hizenensis* Ueji, p.56, pl.4, fig.2a-c.
CM15237. *Corbicula hizenensis* Ueji, p.56, pl.4, fig.3. (missing)
CM15238. *Corbicula hizenensis* Ueji, p.56, pl.4, fig.4. (missing)
CM15239. *Corbicula hizenensis* Ueji, p.56, pl.4, fig.5. (missing)
CM15240. *Corbicula hizenensis* Ueji, p.56, pl.4, fig.6a-d. (missing)
CM15241. *Corbicula hizenensis* Ueji, p.56, pl.4, fig.7. (missing)
CM15242. *Corbicula matusitai* Suzuki, p.58, pl.4, fig.8a,b, Paratype.
CM15243. *Corbicula matusitai* Suzuki, p.58, pl.4, fig.9a-c, Holotype.
CM15244. *Corbicula nakayamana* Ueji, p.61, pl.4, fig.13.

Suzuki, K. (1941d): Three new species of non-marine shells from the Tertiary formations of Hokkaido and Karahuto. *Japan. Jour. Geol. Geogr.*, vol.18, nos.1-2, pp.53-58, pl.4.

CM15245. *Unio moraiensis* Suzuki, p.55, pl.4, figs.2,4, Paratype.
CM15246. *Unio moraiensis* Suzuki, p.55, pl.4, fig.3a-c, Holotype.
CM15247. *Unio moraiensis* Suzuki, p.55, pl.4, fig.5, Paratype.
CM15248. *Anodonta muroii* Suzuki, p.56, pl.4, fig.6a,b, "Monotype" [to be Holotype].

Suzuki, K. (1941d): continued

CM15249. *Corbicula sitakaraensis* Suzuki, p.57, pl.4, fig.1a,b, "Monotype" [to be Holotype]. (missing)

The following specimens, thouth not illustrated, were also treated in this paper.

Unio moraiensis Suzuki: CM15250, CM15251, CM15252, Paratype.

Takai, F. (1936a): On a new fossil elephant from Okubo-mura, Akashigun, Hyogo Prefecture, Japan. *Proc. Imp. Acad. Tokyo,* vol.12, no.1, pp.19-21, text-figs.1,2.

CV6007. *Parastegodon akashiensis* Takai, p.20, figs.1,2, Holotype.

Takai, F. (1936b): Fossil elephants from Tiba Prefecture, Japan. *Japan. Jour. Geol. Geogr.,* vol.23, nos.3-4, pp.197-203, pl.24, text-fig.1.

CV6013.* *Stegodon sinensis* Owen, p.198, pl.24, figs.1,2.

CV6014.* *Parelephas trogontherii* (Pohlig), p.199, pl.24, fig.3.

Takai, F. (1937): A tooth of elephant from the sea-bottom near the island of Hakurei, Hokaido, Korea. *Jour. Geol. Soc. Japan,* vol.44, no.523, pp.304-305, pl.5. [in Japanese]

CV6015. *Palaeoloxodon namadicus naumanni* (Makiyama), p.304, pl.5, 2 figs.

Takai, F. (1939a): Eocene mammals found from the Hôsan coal-field, Tyôsen. *Jour. Fac. Sci., Imp. Univ. Tokyo,* sec.2, vol.5, pt.6, pp.199-217, pls.1-5, text-figs.1-2.

CV6028. *Protitanotherium koreanicum* Takai, p.202, text-figs.1,2, pl.2, figs.1a,b,2a,b,3a,b, Paratype.

CV6029. *Protitanotherium koreanicum* Takai, p.202, pl.1, fig.1, Paratype.

CV6033. *Protitanotherium koreanicum* Takai, p.202, pl.1, fig.5a,b, Paratype.

CV6035. *Protitanotherium koreanicum* Takai, p.202, pl.1, fig.7a,b, Paratype.

CV6036. *Protitanotherium koreanicum* Takai, p.202, pl.1, fig.8, Paratype. (missing)

CV6039. *Protitanotherium koreanicum* Takai, p.202, pl.1, fig.11, Paratype.

CV6047. *Protitanotherium koreanicum* Takai, p.202, pl.3, fig.8a,b, Paratype.

CV6049. *Colodon hodosimai* Takai, p.208, pl.4, fig.2a,b, Paratype. (missing)

CV6054. *Desmatotherium grangeri* Tokunaga, p.211, pl.4, fig.7a,b.

CV6058. *Lophialetes tokunagai* Takai, p.212, pl.4, fig.11a,b, Holotype.

CV6059. *Caenolophus makii* Takai, p.214, pl.5, fig.1a-c, Holotype.

CV6061. *Caenolophus makii* Takai, p.214, pl.5, fig.3a,b, Paratype.

Takai, F. (1939b): Three different kinds of odontoma found in the molars of asiatic fossil elephants. *Jour. Geol. Soc. Japan,* vol.46, no.554, pp.581-582, pl.28.

CV6127. *Elephas mammonteus* Cuvier, p.581, pl.28, figs.1-3.

Takai, F. (1940): Shansi mole-rat, Myospalax fontanus Thomas, found in the loess of Shansi Province, China. *Japan. Jour. Geol. Geogr.,* vol.17, nos.3-4, pp.209-214, pl.21, text-figs.1-4.

CV6130. *Myospalax fontanus* Thomas, p.211, pl.21, figs.1a-c,2,3a-c,4a-c, 5,6, text-figs.2,4a-d.

CV6131. *Myospalax fontanus* Thomas, p.211, text-fig.3a-d.

Takai, F. (1941a): Fossil elephants from the Hao-kang and Peh-p'iao coal-fields, Manchoukuo. *Bull.Geol. Inst. Manchoukuo,* no.101, pp.93-96, text-figs.1-2.

CV6137. *Elephas mammonteus* Cuvier, p.94, text-fig.1a,b.

CV6138. *Palaeoloxodon namadicus* (Falconer and Cautley), p.95, text-fig.2a, b.

Takai, F. (1941b): Two fossil bovids from the vicinity of the city of Harbin, Manchoukuo. *Bull. Tokyo Sci. Museum,* no.5, pp.1-14, pl.1.

CV6140. *Bison priscus* (Bojanus), p.9, pl.1, figs.5,6, text-fig.4.

Takai, F. (1942): Avitolabrax denticulatus, a new serranid fish from the early Miocene of the Joban coal-field, Japan. *Jour. Fac. Sci., Imp. Univ. Tokyo,* sec.2, vol.6, pt.9, pp.135-139, pls.1-3.

RV6132. *Lateolabrax japonicus* (Cuvier and Valenciennes), p.136, pl.3, figs.5-8.

RV6133. *Lateolabrax japonicus* (Cuvier and Valenciennes), p.136, pl.3, fig.9.

RV6134. *Niphon spinosus* Cuvier and Valenciennes, p.136, pl.3, figs.10,11.

CV6142. *Avitolabrax denticulatus* Takai, p.137, pl.1; pl.2, fig.1; pl.3, figs.1-4, Holotype.

CV6143. *Avitolabrax denticulatus* Takai, p.137, pl.2, fig.2, Paratype.

Takai, F. (1943): Fossil vertebrates from Inner Mongolia. *Archaeologia Orientalis,* ser.B, vol.4, pp.9-22, pls.3, fig.1.

CV6147. *Parelephas* cf. *trogontherii* (Pohlig), p.14, pl.2, figs.3-6.
CV6148. *Rhinoceros (Chilotherium)* sp., p.15, pl.3, figs.1-4.
CV6149. *Cervus elaphus* Linnaeus, p.16, pl.3, figs.5,6.
CV6150. *Megaceros ordosianus* (Young), p.18, pl.3, figs.7,8.

Takai, F. (1945): Eocene mammals from the Ube and Hósan coal-fields in Nippon. *Proc. Imp. Acad. Tokyo,* vol.20, no.10, pp.736-741, text-figs.1-6.

CV6054. *Cristidentinus* sp., p.741, text-fig.6a,b.

Takai, F. (1949): Fossil mammals from Katabira-mura, Kani-gun, Gifu Prefecture, Japan. *Japan. Jour. Geol. Geogr.,* vol.21, pp.285-290, pl.12.

CV6185. *Palaeotapirus yagii* Matsumoto, p.287, pl.12, fig.1a-c.
CV6186. *Chilotherium pugnator* (Matsumoto), p.289, pl.12, fig.2a-c.

Takai, F. (1950): Amynodon watanabei from the latest Eocene of Japan with a brief summary of the latest Eocene mammalian faunule in eastern Asia. *Rept. Geol. Surv. Japan,* no.131, pp.1-14, pl.1.

CV6187.* *Amynodon watanabei* (Tokunaga), p.7, pl.1, fig.1a-c.
CV6188. *Amynodon watanabei* (Tokunaga), p.7, pl.1, fig.4a,b.

Takai, F. (1961): A new Anthracothere from the Shiramizu group in the Joban coal-field, Japan, with notes on its geological age. *Proc. Japan. Acad.,* vol.37, no.5, pp.255-260, text-figs.a-c.

CV6189. *"Anthracothema" tsuchiyai* Takai, p.260, figs.a-c, Holotype.

Takai, F. (1962): Mikkabi Man and the fossil-bearing deposits from Tadaki limestone quarry at Mikkabi, central Japan. 5. Vertebrate fossils from the Tadaki formation. *Jour. Anthrop. Soc. Nippon,* vol.70, no.732, pp.36-40, pls.1-2.

CV6192. *Canis lupus* Linné, p.36, pl.1, fig.1.

Takai, F. (1962): continued

CV6193. *Canis lupus* Linné, p.36, pl.1, fig.2.

CV6194. *Felis* cf. *pardus* Linné, p.36, pl.1, fig.3.

CV6195. *Felis* cf. *pardus* Linné, p.36, pl.1, fig.4.

CV6196. *Felis* cf. *pardus* Linné, p.36, pl.1, fig.5.

CV6197. *Sinomegaceroides* sp., p.37, pl.1, fig.6. (missing)

CV6198. *Sinomegaceroides* sp., p.37, pl.1, fig.7.

CV6199. *Cervus nippon* Temminck, p.36, pl.1, fig.8.

CV6200. *Cervus nippon* Temminck, p.36, pl.1, fig.9.

CV6201. *Nyctereutes viverrinus* Temminck, p.36, pl.1, fig.10.

CV6202. *Palaeoloxodon aomoriensis* Tokunaga and Takai, p.37, pl.2, fig.1a-d.

CV6203. *Cervus nippon* Temminck, p.36, pl.2, fig.2.

CV6204. *Graphophasianus soemmerringii scintillans* (Gould), p.36, pl.2, fig.3.

CV6205. *Lepus* cf. *brachyurus* Temminck, p.36, pl.2, fig.4a,b.

CV6206. *Elaphe quadrivirgata quadrivirgata* (Boie), p.36, pl.2, fig.5a,b.

CV6207. *Elaphe quadrivirgata quadrivirgata* (Boie), p.36, pl.2, fig.6a-d.

CV6208. *Elaphe quadrivirgata quadrivirgata* (Boie), p.36, pl.2, fig.7a-d.

CV6209. *Elaphe quadrivirgata quadrivirgata* (Boie), p.36, pl.2, fig.8a,b.

CV6210. *Elaphe quadrivirgata quadrivirgata* (Boie), p.36, pl.2, fig.9a,b.

CV6211. *Microtus montebelli* (Milne-Edward), p.36, pl.2, fig.10a,b.

CV6212. *Minioterus ?* sp., p.36, pl.2, fig.11.

CV6213. *Minioterus ?* sp., p.36, pl.2, fig.12.

CV6214. *Mogera wogura* (Temminck), p.36, pl.2, fig.13.

CV6215. *Mogera wogura* (Temminck), p.36, pl.2, fig.14.

CV6216. *Mogera wogura* (Temminck), p.36, pl.2, fig.15.

CV6217. *Urtrichus talpoides* Temminck, p.36, pl.2, fig.16.

CV6218. *Urtrichus talpoides* Temminck, p.36, pl.2, fig.17.

CV6219. *Bufo* sp., p.36, pl.2, fig.18a,b.

Takai, F. (1970): Fossil mammals from the Amud cave. The Amud Man and his Cave Site 1970., chap.5, pp.53-76, pls.11-16. Univ. of Tokyo.

CV14589. (= 61168) *Macaca* sp., p.58, pl.11, fig.1a-e.

CV14593. (= 61005) *Vulpes vulpes palaestina* Thomas, p.59, pl.11, fig.2a,b.

Takai, F. (1970): continued

CV14594. (= 61006) *Vulpes vulpes palaestina* Thomas, p.59, pl.11, fig.4a,b. (missing)

CV14595. (= 61007) *Vulpes vulpes palaestina* Thomas, p.59, pl.11, fig.3a,b.

CV14602. (= 61023) *Equus caballus* Linnaeus, p.59, pl.11, fig.5a,b. (missing)

CV14603. (= 64096) *Equus caballus* Linnaeus, p.59, pl.11, fig.6a,b.

CV14604. (= 61019) *Equus caballus* Linnaeus, p.59, pl.11, fig.8a-c.

CV14607. (= 64185) *Equus caballus* Linnaeus, p.59, pl.11, fig.7a-c.

CV14608. (= 61018) *Equus caballus* Linnaeus, p.59, pl.11, fig.9a-c.

CV14609. (= 61020) *Equus caballus* Linnaeus, p.59, pl.11, fig.10a-c. (missing)

CV14612. (= 64251) *Sus scrofa* Linnaeus, p.59, pl.12, fig.1a,b.

CV14616. (= 61027) *Sus scrofa* Linnaeus, p.60, pl.12, fig.2a,b.

CV14618. (= 64083) *Sus scrofa* Linnaeus, p.60, pl.12, fig.3a,b.

CV14620. (= 61082) *Sus scrofa* Linnaeus, p.60, pl.12, fig.4a-c. (missing)

CV14622. (= 64172) *Sus scrofa* Linnaeus, p.60, pl.12, fig.5a,b.

CV14627. (= 61094) *Dama mesopotamica* Brooke, p.60, pl.12, fig.6a,b.

CV14631. (= 64017) *Dama mesopotamica* Brooke, p.60, pl.12, fig.7.

CV14634. (= 61114) *Dama mesopotamica* Brooke, p.61, pl.12, fig.9a,b.

CV14640. (= 64063) *Dama mesopotamica* Brooke, p.61, pl.12, fig.8a-c.

CV14651. (= 61050) *Dama mesopotamica* Brooke, p.61, pl.13, fig.1a-c.

CV14653. (= 61066) *Dama mesopotamica* Brooke, p.61, pl.13, fig.5a-c.

CV14683. (= 61210) *Dama mesopotamica* Brooke, p.62, pl.13, fig.4a-c.

CV14730. (= 64231) *Dama mesopotamica* Brooke, p.64, pl.13, fig.2a-c.

CV14732. (= 64254) *Dama mesopotamica* Brooke, p.64, pl.13, fig.3a-c.

CV14736. (= 64244) *Dama mesopotamica* Brooke, p.64, pl.13, fig.6a,b.

CV14737. (= 64085) *Dama mesopotamica* Brooke, p.64, pl.14, fig.1a,b.

CV14738. (= 64112) *Dama mesopotamica* Brooke, p.64, pl.14, fig.3a-c.

CV14739. (= 64056) *Dama mesopotamica* Brooke, p.64, pl.14, fig.4a,b.

CV14746. (= 64168) *Dama mesopotamica* Brooke, p.64, pl.14, fig.2a,b.

CV14748. (= 61024) *Cervus elaphus* Linnaeus, p.64, pl.14, fig.5a-c. (missing)

CV14751. (= 64004) *Cervus elaphus* Linnaeus, p.65, pl.14, fig.7a,b.

CV14752. (= 64013) *Cervus elaphus* Linnaeus, p.65, pl.14, fig.6a-c.

Takai, F. (1970): continued

CV14756. (= 61118) *Cervus elaphus* Linnaeus, p.65, pl.15, fig.1a,b.

CV14758. (= 64127) *Cervus elaphus* Linnaeus, p.65, pl.15, fig.2a,b.

CV14767. (= 64148) *Cervus elaphus* Linnaeus, p.65, pl.15, fig.3a,b.

CV14770. (= 64147) *Cervus elaphus* Linnaeus, p.65, pl.15, fig.4.

CV14776. (= 61241) *Gazella* cf. *subgutturosa* Güldenstaedt, p.66, pl.15, fig.6.

CV14781. (= 64072) *Gazella* cf. *subgutturosa* Güldenstaedt, p.66, pl.15, fig.5.

CV14797. (= 61192) *Gazella* cf. *subgutturosa* Güldenstaedt, p.67, pl.15, fig.7.

CV14802. (= 64094) *Gazella* cf. *subgutturosa* Güldenstaedt, p.67, pl.15, fig.8.

CV14813. (= 61128) *Gazella* cf. *subgutturosa* Güldenstaedt, p.67, pl.15, fig.9a-c.

CV14817. (= 61165) *Gazella* cf. *subgutturosa* Güldenstaedt, p.67, pl.15, fig.11a,b.

CV14825. (= 64016) *Gazella* cf. *subgutturosa* Güldenstaedt, p.68, pl.15, fig.10a,b.

CV14835. (= 64234) *Gazella* cf. *subgutturosa* Güldenstaedt, p.68, pl.15, fig.12a,b.

CV14847. (= 61043) *Gazella* cf. *subgutturosa* Güldenstaedt, p.68, pl.16, fig.4a,b.

CV14866. (= 61110) *Gazella* cf. *subgutturosa* Güldenstaedt, p.69, pl.16, fig.2a,b.

CV14909. (= 64023) *Gazella* cf. *subgutturosa* Güldenstaedt, p.70, pl.16, fig.1a,b.

CV14927. (= 64097) *Gazella* cf. *subgutturosa* Güldenstaedt, p.71, pl.16, fig.3a,b.

CV14972. (= 64156) *Gazella* cf. *subgutturosa* Güldenstaedt, p.72, pl.16, fig.7.

CV14975. (= 61012) *Gazella* cf. *subgutturosa* Güldenstaedt, p.72, pl.16, fig.8.

CV14980. (= 64014) *Gazella* cf. *subgutturosa* Güldenstaedt, p.72, pl.16, fig.5a-c.

CV14987. (= 64209) *Gazella* cf. *subgutturosa* Güldenstaedt, p.72, pl.16, fig.6a,b.

CV14993. (= 61075) *Gazella* cf. *subgutturosa* Güldenstaedt, p.73, pl.16, fig.9.

CV14999. (= 64262) *Gazella* cf. *subgutturosa* Güldenstaedt, p.73, pl.16, fig.10a,b.

Takai, F. (1970): continued

CV15050. (= 64159) *Capra* sp., p.73, pl.16, fig.11.

CV15054. (= 64144) *Capra* sp., p.73, pl.16, fig.12.

CV15129. (= 61116) Chelonia gen. et sp. indet., p.74, pl.16, fig.14.

CV15158. (= 64271) Chelonia gen. et sp. indet., p.74, pl.16, fig.13.

The following specimens, thouth not illustrated, were also treated in this paper.

Insectivora gen. et sp. indet.: CV14588 (=61068)

Murinae gen. et sp. indet.: CV14590 (=61029)

Vulpes vulpes palaestina Thomas: CV14591 (=64193), CV14592 (=61009), CV14596 (=61008), CV14597 (=61060), CV14598 (=61061), CV14599 (=61010)

Carnivora gen. et sp. indet: CV14600 (=64001)

Equus caballus Linnaeus: CV14601 (=61022), CV14605 (=61021), CV14606 (=61153), CV14610 (=61119)

Sus scrofa Linnaeus: CV14611 (=64189), CV14613 (=64091), CV14614 (=64258), CV14615 (=64279), CV14617 (=61155), CV14619 (=64122), CV14621 (=64086), CV14623 (=64241), CV14624 (=64277)

Dama mesopotamica Brooke: CV14625 (=61001), CV14626 (=61041), CV14628 (=61167), CV14629 (=61224)(missing), CV14630 (=61246), CV14632 (=64179), CV14633 (=61037), CV14635 (=61144), CV14637 (=61211), CV14638 (=64020), CV14639 (=64052), CV14641 (=64100), CV14642 (=64110), CV14643 (=64138), CV14644 (=64184), CV14645 (=64270), CV14646 (=61004), CV14647 (=61025), CV14648 (=61034), CV14649 (=61045), CV14650 (=61046), CV14652 (=61057), CV14654 (=61085), CV14655 (=61089), CV14656 (=61091), CV14657 (=61092), CV14658 (=61101), CV14659 (=61102), CV14660 (=61104)(missing), CV14661 (=61111)(missing), CV14662 (=61121), CV14663 (=61126), CV14664 (=61127), CV14665 (=61129), CV14666 (=61132), CV14667 (=61134), CV14668 (=61135), CV14669 (=61136), CV14670 (=61137), CV14671 (=61138), CV14672 (=61152), CV14673 (=61154), CV14674 (=61156), CV14675 (=61157), CV14677 (=61164), CV14678 (=61173), CV14679 (=61180), CV14680 (=61184)(missing), CV14681, (=61186), CV14682 (=61193), CV14684 (=61215), CV14685 (=61216), CV14686 (=61220)(missing), CV14687 (=61221), CV14688 (=61222)(missing), CV14689 (=61223), CV14690 (=61232), CV14691 (=61243), CV14692 (=61248)(missing), CV14693 (=64005), CV14694 (=64012), CV14695 (=64021), CV14696 (=64022), CV14697 (=64026), CV14698 (=64032), CV14699 (=64038), CV14700 (=64040), CV14701 (=64053)(missing), CV14702 (=64055), CV14703 (=64069), CV14704 (=64075), CV14705 (=64076), CV14706 (=64078), CV14707 (=64079), CV14708 (=64082), CV14709 (=64087), CV14710 (=64093), CV14711 (=64099), CV14712 (=64113), CV14713 (=64115), CV14714 (=64119), CV14715 (=64128)(missing), CV14716 (=64131), CV14717 (=64146), CV14718 (=64151)(missing), CV14719 (=64152), CV14720 (=64157), CV14721 (=64160), CV14722 (=64167), CV14723 (=64181), CV14724 (=64186), CV14725 (=64192), CV14726 (=64198), CV14727 (=64211), CV14728 (=64220), CV13729 (=64226), CV14731 (=64237), CV14733 (=64249), CV14734 (=64265), CV14735 (=64280), CV14740 (=64171), CV14741

Takai, F. (1970): continued

(=61120), CV14742 (=61179), CV14743 (=61189), CV14744 (=61190), CV14745 (=64015), CV14747 (=64219)(missing)

Cervus elaphus Linnaeus: CV14749 (=61212)(missing), CV14750 (=61213), CV 14753 (=64098), CV14754 (=64252), CV14755 (=61117), CV14757 (=64095) (missing), CV14759 (=64136), CV14760 (=64137), CV14761 (=64182), CV14762 (=64188), CV14763 (=64194), CV14764 (=64204), CV14765 (=64267), CV14766 (=64274), CV14768 (=64240), CV14769 (=64253)

Gazella cf. *subgutturosa* Guldenstaedt: CV14771 (=61107), CV14772 (=61133), CV14773 (=61185), CV14774 (=61219), CV14775 (=61231)(missing), CV14777 (=64030), CV14778 (=64039), CV14779 (=64043), CV14780 (=64059), CV14782 (=64142), CV14783 (=64178), CV14784 (=64183), CV14785 (=64213), CV14786 (=64233), CV14787 (=64246), CV14788 (=64259), CV14789 (=64272), CV14790 (=61026), CV14791 (=61028), CV14792 (=61044), CV14793 (=61048), CV14795 (=61149), CV14796 (=61191), CV14798 (=64006), CV14799 (=64041), CV14800 (=64051), CV14801 (=64094)(missing), CV14803 (=64179)(missing), CV14804 (=64216), CV14805 (=61035), CV14806 (=61036), CV14807 (=61047)(missing), CV14808 (=61051), CV14809 (=61055)(missing), CV14810 (=61058), CV14811 (=61088), CV14812 (=61097)(missing), CV14814 (=61143), CV14815 (=61159), CV14816 (=61162), CV14818 (=61171), CV14819 (=61183), CV14820 (=61194), CV14821 (=61195), CV14822 (=61196), CV14823 (=61197)(missing), CV14824 (=61230), CV14826 (=64024), CV14827 (=64034), CV14828 (=64044), CV14829 (=64088), CV14830 (=64140), CV14831 (=64143), CV14832 (=64170), CV14833 (=64173), CV14834 (=64212)(missing), CV14836 (=64236), CV14837 (=64256), CV14838 (=61103), CV14839 (=61014), CV14840 (=61016), CV14841 (=61017), CV14842 (=61028)(missing), CV14843 (=61031), CV14844 (=61033), CV14845 (=61040)(missing), CV14846 (=61042)(missing), CV14848 (=61052), CV14849 (=61056)(missing), CV14850 (=61059), CV14851 (=61062)(missing), CV14852 (=61065), CV14853 (=61067)(missing), CV14854 (=61071)(missing), CV14855 (=61083), CV14856 (=61084), CV14857 (=61086), CV14858 (=61087), CV14859 (=61090), CV14860 (=61093), CV14861 (=61096), CV14862 (=61100)(missing), CV14863 (=61105), CV14864 (=61108), CV14865 (=61109), CV14867 (=61112), CV14868 (=61115), CV14869 (=61123), CV14870 (=61124), CV14871 (=61125), CV14872 (=61130), CV14873 (=61131), CV14874 (=61139), CV14875 (=61140), CV14876 (=61141), CV14877 (=61142), CV14878 (=61145), CV14879 (=61146), CV14880 (=61147), CV14881 (=61148), CV13882 (=61158), CV14883 (=61172), CV14884 (=61177), CV14885 (=61178), CV14886 (=61181), CV14887 (=61187), CV14888 (=61188), CV14889 (=61217), CV14890 (=61218), CV14891 (=61225), CV14892 (=61226), CV14893 (=61227), CV14894 (=61228), CV14895 (=61229), CV14896 (=61233), CV14897 (=61235), CV14898 (=61236), CV14899 (=61237), CV14900 (=61238), CV14901 (=61239), CV14902 (=61240), CV14903 (=61242), CV14904 (=61244), CV14905 (=61245), CV14906 (=64002), CV14907 (=64019), CV14910 (=64025), CV14911 (=64027), CV14912 (=64028), CV14913 (=64029), CV13914 (=64033), CV14915 (=64035)(missing), CV14916 (=64037)(missing), CV14917 (=64048), CV14918 (=64049), CV14919 (=64054), CV14920 (=64057), CV14921 (=64060), CV14922 (=64066), CV14923 (=64071), CV14924 (=64077), CV14925 (=64081), CV14926 (=64084), CV14928 (=64107), CV14929 (=64108), CV14930 (=64111), CV14931 (=64117), CV14932 (=64120), CV14933 (=64126), CV13934 (=64129), CV14935 (=64133), CV13936 (=64139), CV14937 (=64145),

Takai, F. (1970): continued

CV14938 (=64150), CV14939 (=64153), CV14940 (=64154), CV14941 (=64155), CV14942 (=64161), CV14943 (=64162), CV14944 (=64163), CV14945 (=64166), CV14946 (=64174), CV14947 (=64187), CV14948 (=64195), CV14949 (=64196), CV14950 (=64197), CV14951 (=64203), CV14952 (=64205), CV14953 (=64207), CV14954 (=64217), CV14955 (=64218), CV14956 (=64224), CV14957 (=64228), CV14958 (=64235), CV14959 (=64239), CV14960 (=64242), CV14961 (=64254), CV14962 (=64255), CV14963 (=64261), CV14964 (=64264), CV14965 (=64276), CV14966 (=64281), CV14967 (=61013), CV14968 (=61032), CV14969 (=64036), CV14970 (=61030), CV14971 (=61169), CV14973 (=64176), CV14974 (=61011), (missing), CV14976 (=61113), CV14977 (=64007), CV14978 (=64008), CV14979 (=64010), CV14981 (=64073), CV14982 (=64090), CV14983 (=64132), CV14984 (=64190), CV14985 (=64199), CV14986 (=64201), CV14988 (=64243), CV14989 (=61038), CV14990 (=64011), CV14991 (=64135), CV14992 (=64273), CV14994 (=61076), CV14995 (=61122), CV14996 (=61205), CV14997 (=64168)(missing), CV14998 (=64257), CV15046 (=61150), CV15047 (=61151)

Capra sp.: CV15048 (=64141), CV15049 (=64149), CV15051 (=64068), CV15052 (=64045), CV15053 (=64050), CV15055 (=64175)

Mammalia gen. et sp. indet.: CV15056 (=61002), CV15057 (=61015)(missing), CV15058 (=61039), CV15059 (=61053), CV15060 (=61054), CV15061 (=61063), CV15062 (=61064), CV15063 (=61072), CV15064 (=61073), CV15065 (=61074), CV15066 (=61077), CV15067 (=61078), CV15068 (=61079), CV15069 (=61080), CV15070 (=61081), CV15071 (=61095), CV15072 (=61098)(missing), CV15073 (=61099), CV15074 (=61103), CV15075 (=61106), CV15076 (=61161), CV15077 (=61163), CV15078 (=61166), CV15079 (=61175), CV15080 (=61176), CV15081 CV15082 (=61199), CV15083 (=61200), CV15084 (=61201), CV15085 (=61203), CV15086 (=61204), CV15087 (=61206), CV15088 (=61207), CV15089 (=61208), CV15090 (=71209), CV15091 (=61214), CV15092 (=61234)(missing), CV15093 (=61247), CV15094 (=61249), CV15095 (=61250), CV15096 (=64003), CV15097 (=64018), CV15098 (=64042), CV15099 (=64046), CV15100 (=64058), CV15101 (=64061), CV15102 (=64064), CV15103 (=64065), CV15104 (=64067), CV15105 (=64070), CV15106 (=64074), CV15107 (=64092), CV15108 (=64101), CV15109 (=64104), CV15110 (=64106), CV15011 (=64109), CV15112 (=64114), CV15113 (=64116), CV15114 (=64121), CV15115 (=64125), CV15116 (=64134), CV15117 (=64165), CV15118 (=64169), CV15119 (=64200), CV15120 (=64208), CV15121 (=64210), CV15122 (=64222), CV15123 (=64238), CV15124 (=64248), CV15125 (=64266), CV15126 (=64269), CV15127 (=61170)

Aves gen. et sp. indet.: CV15128 (=64105)

Chelonia gen. et sp. indet.: CV15130 (=64031), CV15131 (=64047), CV15132 (=64102), CV15133 (=64103), CV15134 (=64118), CV15135 (=64123), CV15136 (=64124), CV15137 (=64130), CV15138 (=64164), CV15139 (=64175), CV15140 (=64180), CV15141 (=64191), CV15142 (=64202), CV15143 (=64206), CV15144 (=64214), CV15145 (=64215), CV15146 (=64221), CV15147 (=64223), CV15148 (=64225), CV15149 (=64227), CV15150 (=64229), CV15151 (=64230), CV15152 (=64232), CV15153 (=64247), CV15154 (=64250), CV15155 (=64260), CV15156 (=64263), CV15157 (=64268), CV15159 (=64278)

Ophidia gen. et sp. indet.: CV15160 (=64177)

Takai, F. (1975): Fossil deer from the Yamashita-cho cave no.1. *Jour. Anthrop. Soc. Nippon,* vol.83, no.3, pp.280-293, pls.1-4.

CV6220. (= 16001-L) *Metacervulus astylodon* (Matsumoto), p.280, pl.1, fig. 1a,b.

CV6221. (= 6701-R) *Metacervulus astylodon* (Matsumoto), p.280, pl.1, fig. 1a,b.

CV6222. (= 5009-R) *Metacervulus astylodon* (Matsumoto), p.280, pl.1, fig. 3a,b.

CV6223. (= 15501) *Metacervulus astylodon* (Matsumoto), p.280, pl.1, fig. 4a-c.

CV6224. (= 10801-R) *Metacervulus astylodon* (Matsumoto), p.280, pl.1, fig. 5a,b.

CV6225. (= 13006-L) *Metacervulus astylodon* (Matsumoto), p.280, pl.1, fig. 6a,b.

CV6226. (= 13704-R) *Metacervulus astylodon* (Matsumoto), p.280, pl.2, fig. 1a.b.

CV6227. (= 6303) *Metacervulus astylodon* (Matsumoto), p.280, pl.2, fig.2a, b.

CV6228. (= 15102) *Metacervulus astylodon* (Matsumoto), p.280, pl.2, fig.3a, b.

CV6229. (= 10001) *Metacervulus astylodon* (Matsumoto), p.280, pl.2, fig.4a-c.

CV6230. (= 8904) *Metacervulus astylodon* (Matsumoto), p.280, pl.2, fig.5a, b.

CV6231. (= 7901) *Metacervulus astylodon* (Matsumoto), p.280, pl.2, fig.6a, b.

CV6232. (= 12502) *Metacervulus astylodon* (Matsumoto), p.280, pl.2, fig.7.

CV6233. (= 6508) *Metacervulus astylodon* (Matsumoto), p.280, pl.2, fig.8a, b.

CV6234. (= 5207-R) *Metacervulus astylodon* (Matsumoto), p.280, pl.2, fig. 9a,b.

CV6235. (= 8802-L) *Metacervulus astylodon* (Matsumoto), p.280, pl.2, fig. 10a,b.

CV6236. (= 11002-R) *Metacervulus astylodon* (Matsumoto), p.280, pl.3, fig. 1a,b.

CV6237. (= 4108-L) *Metacervulus astylodon* (Matsumoto), p.280, pl.3, fig. 2a,b.

CV6238. (= 6404-L) *Metacervulus astylodon* (Matsumoto), p.280, pl.3, fig. 3a,b.

CV6239. (= 11003-R) *Metacervulus astylodon* (Matsumoto), p.280, pl.3, fig. 4a,b.

Takai, F. (1975): continued

CV6240. (= 10407-L) *Metacervulus astylodon* (Matsumoto), p.280, pl.3, fig. 5a,b.

CV6241. (= 14305-R) *Metacervulus astylodon* (Matsumoto), p.280, pl.3, fig. 6a,b.

CV6242. (= 13124-R) *Metacervulus astylodon* (Matsumoto), p.280, pl.3, fig. 7a,b.

CV6243. (= 2303-R) *Metacervulus astylodon* (Matsumoto), p.280, pl.3, fig. 8a,b.

CV6244. (= 9904-L) *Metacervulus astylodon* (Matsumoto), p.280, pl.4, fig. 1a,b.

CV6245. (= 6311-R) *Metacervulus astylodon* (Matsumoto), p.280, pl.4, fig. 2a,b.

CV6246. (= 10413-L) *Metacervulus astylodon* (Matsumoto), p.280, pl.4, fig. 3a,b.

CV6247. (= 12507-L) *Metacervulus astylodon* (Matsumoto), p.280, pl.4, fig. 4a,b.

CV6248. (= 12509-R) *Metacervulus astylodon* (Matsumoto), p.280, pl.4, fig. 5a,b.

CV6249. (= 8823-R) *Metacervulus astylodon* (Matsumoto), p.280, pl.4, fig. 6a,b.

CV6250. (= 10420-L) *Metacervulus astylodon* (Matsumoto), p.280, pl.4, fig. 7a,b.

CV6251. (= 11613-L) *Metacervulus astylodon* (Matsumoto), p.280, pl.4, fig. 8a,b.

CV6252. (= 12311-R) *Metacervulus astylodon* (Matsumoto), p.280, pl.4, fig. 9a,b.

CV6253. (= 4327) *Metacervulus astylodon* (Matsumoto), p.280, pl.4, fig.10a, b.

CV6254. (= 8121) *Metacervulus astylodon* (Matsumoto), p.280, pl.4, fig.11a, b.

CV6255. (= 10014) *Metacervulus astylodon* (Matsumoto), p.280, pl.4, fig. 12a,b.

The following specimens, though not illustrated, were also treated in this paper.

Metacervulus astylodon (Matsumoto): CV13830 (=2801), CV13831 (=4101-R), CV13832 (=4101-L), CV13833 (=4102-R), CV13833 (=4103-R), CV13834 (=4104-L), CV13835 (=4105-L), CV13836 (=4106-R), CV13837 (=4107-R), CV13838 (=5001-R), CV13839 (=5002-L), CV13840 (=5003-R), CV13841 (=5004-R), CV13842 (=5005-R), CV13843 (=5006-R), CV13844 (=5007-L), CV13845 (=5008-R), CV13846 (=5010-R), CV13847 (=5901-L), CV13848 (=5902-R), CV13849 (=5903-L), CV13850 (=5904-R),

Takai, F. (1975): continued

CV13851 (=5905-L), CV13852 (=5906-R), CV13853 (=6001-R), CV13854 (=6002-R), CV13855 (=6003-L), CV13856 (=6004-L), CV13857 (=6005-L), CV13858 (=6702-R), CV13859 (=6703-L), CV13860 (=6704-R), CV13861 (=7601-L), CV13862 (=7602-R), CV13863 (=8401-L), CV13864 (=8402-L), CV13865 (=8403-R), CV13866 (=8404-R), CV13867 (=9101-L), CV13868 (=14101-R), CV13869 (=14102-L), CV13870 (=14103-R), CV13871 (=14104-R), CV13872 (=14701-R), CV13873 (=14702-L), CV13874 (=14703-R), CV13875 (=10101-L), CV13876 (=10102-R), CV13877 (=10103-L), CV13878 (=11301-L), CV13879 (=11302-R), CV13880 (=11303-L), CV13881 (=11304-L), CV13882 (=11305-R), CV13883 (=11306-R), CV13884 (=11307-L), CV13885 (=11308-L), CV13886 (=11309-L), CV13887 (=11310-L), CV13888 (=11311-L), CV13889 (=11312-R), CV13890 (=11313-L), CV13891 (=11314-L), CV13892 (=11315-R), CV13893 (=11316-L), CV13894 (=12901-R), CV13895 (=12902-R), CV13896 (=12903-L), CV13897 (=12904-R), CV13898 (=12905-R), CV13899 (=13601-R), CV13900 (=13602-L), CV13901 (=13603-L), CV13902 (=13604-R), CV13903 (=16002-L), CV13904 (=16003-L), CV13905 (=16004-L), CV13906 (=501), CV13907 (=4901), CV13908 (=15201), CV13909 (=15301), CV13910 (=4201-R), CV13911 (=4202-L), CV13912 (=4203-R), CV13913 (=4204-R), CV13914 (=5101-R), CV13915 (=5102-R), CV13916 (=5801-L), CV13917 (=6201-R), CV13918 (=6901-L), CV13919 (=7701-L), CV13920 (=7702-L), CV13921 (=7703-R), CV13922 (=8501-R), CV13923 (=8502-R), CV13924 (=8503-L), CV13925 (=14201-L), CV13926 (=14202-R), CV13927 (=14203-L), CV13928 (=14204-L), CV13929 (=14205-L), CV13930 (=14206-L), CV13931 (=14801-R), CV13932 (=9401-L), CV13933 (=9801-R), CV13934 (=9802-R), CV13935 (=9803-L), CV13936 (=10201-L), CV13937 (=10802-L), CV13938 (=10803-R), CV13939 (=10804-R), CV13940 (=10805-L), CV13941 (=11401-L), CV13942 (=11402-R), CV13943 (=11403-R), CV13944 (=11404-R), CV13945 (=13001-R), CV13946 (=13002-R), CV13947 (=13003-R), CV13948 (=13004-L), CV13949 (=13005-L), CV13950 (=13701-L), CV13951 (=13702-L), CV13952 (=13703-L), CV13953 (=15701-LR), CV13954 (=2101-R), CV13955 (=2102-R), CV13956 (=3501-R), CV13957 (=3502-R), CV13958 (=4205-R), CV13959 (=4206-L), CV13960 (=4207-L), CV13961 (=4208-R), CV13962 (=4209-L), CV13963 (=4210-L), CV13964 (=4211-R), CV13965 (=4212-L), CV13966 (=4213-R), CV13967 (=4214-R), CV13968 (=4215-L), CV13969 (=4216-R), CV13970 (=5103-R), CV13971 (=5104-R), CV13972 (=5105-R), CV13973 (=5106-L), CV13974 (=5107-R), CV13975 (=5108-R), CV13976 (=5109-L), CV13977 (=5110-L), CV13978 (=5802-L), CV13979 (=5803-L), CV13980 (=5804-R), CV13981 (=5805-L), CV13982 (=5806-L), CV13983 (=5807-R), CV13984 (=5808-L), CV13985 (=5809-L), CV13986 (=6202-R), CV13987 (=6203-R), CV13988 (=6204-R), CV13989 (=6705-L), CV13990 (=6902-R), CV13991 (=6903-R), CV13992 (=6904-L), CV13993 (=7704-R), CV13994 (=7705-R), CV13995 (=7706-R), CV13996 (=7707-L), CV13997 (=7708-R), CV13998 (=7709-R), CV13999 (=7710-R), CV14000 (=7711-R), CV14001 (=7712-L), CV14002 (=7713-L), CV14003 (=7714-R), CV14004 (=7715-R), CV14005 (=8504-R), CV14006 (=8505-L), CV14007 (=8506-L), CV14008 (=8507-L), CV14009 (=8508-L), CV14010 (=8509-R), CV14011 (=8510-R), CV14012 (=8511-R), CV14013 (=8512-L), CV14014 (=8513-L), CV14015 (=8514-L), CV14016 (=8515-L), CV14017 (=9201-R), CV14018 (=14207-R), CV14019 (=14208-L), CV14020 (=14209-R), CV14021 (=14210-R), CV14022 (=14211-R), CV14023 (=14212-L), CV14024 (=14213-L), CV14025 (=14214-L), CV14026 (=14215-R), CV14027 (=14216-R), CV14028 (=14217-R), CV14029 (=14218-L), CV14030 (=14219-R), CV14031 (=14802-L), CV14032 (=14803-R), CV14033 (=14804-L), CV14034 (=14805-L), CV14035 (=14806-L), CV14036 (=14807-L), CV14037 (=14808-R),

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CV14038 (=9804-R), CV14039 (=9805-R), CV14040 (=9806-R), CV14041 (=9807-L), CV14042 (=10202-L), CV14043 (=10806-R), CV14044 (=10807-L), CV14045 (=10808-R), CV14046 (=10809-R), CV14047 (=10810-L), CV14048 (=10811-R), CV14049 (=11405-R), CV14050 (=11406-L), CV14051 (=11407-L), CV14052 (=11408-R), CV14053 (=11409-L), CV14054 (=11410-L), CV14055 (=11411-L), CV14056 (=11412-R), CV14057 (=11413-R), CV14058 (=11414-R), CV14059 (=11415-R), CV14060 (=11416-R), CV14061 (=11417-R), CV14062 (=11418-L), CV14063 (=13007-L), CV14064 (=13008-L), CV14065 (=13009-L), CV14066 (=13010-R), CV14067 (=13011-L), CV14068 (=13012-L), CV14069 (=13013-L), CV14070 (=13014-L), CV14071 (=13015-L), CV14072 (=13016-L), CV14073 (=13705-L), CV14074 (=13706-L), CV14075 (=13707-L), CV14076 (=15901-L), CV14077 (=15902-L), CV14078 (=18001-R), CV14079 (=18002-L), CV14080 (=8101), CV14081 (=15101), CV14082 (=4108), CV14083 (=6504), CV14084 (=8102), CV14085 (=8103), CV14086 (=8901), CV14087 (=11801), CV14088 (=11802), CV14089 (=11803), CV14090 (=2301), CV14091 (=4601), CV14092 (=4602), CV14093 (=6301), CV14094 (=6501), CV14095 (=6502), CV14096 (=6503), CV14097 (=7002), CV14098 (=8104), CV14099 (=8902), CV14100 (=15103), CV14101 (=16101), CV14102 (=9901), CV14103 (=10002), CV14104 (=10003), CV14105 (=10501), CV14106 (=11101), CV14107 (=11601), CV14108 (=11701), CV14109 (=13301), CV14110 (=13302), CV14111 (=13303), CV14112 (=13304), CV14113 (=3701), CV14114 (=5201), CV14115 (=6302), CV14116 (=6505, CV14117 (=7001), CV14118 (=7003), CV14119 (=8105), CV14120 (=8106), CV14121 (=8903), CV14122 (=8905), CV14123 (=14501), CV14124 (=10502), CV14125 (=11702), CV14126 (=6506), CV14127 (=8107), CV14128 (=8108), CV14129 (=8109), CV14130 (=8110), CV14131 (=8111), CV14132 (=8112), CV14133 (=8906), CV14134 (=15104), CV14135 (=10503), CV14136 (=12501), CV14137 (=3101), CV14138 (=6304), CV14139 (=7902), CV14140 (=4501-L), CV14141 (=4502-L), CV14142 (=4503-L), CV14143 (=4504-R), CV14144 (=5401-R), CV14145 (=5402-R), CV14146 (=8113-L), CV14147 (=8114-R), CV14148 (=8115-L), CV14149 (=8907-R), CV14150 (=15105-L), CV14151 (=10504-R), CV14152 (=11703-L), CV14153 (=11704-R), CV14154 (=12503-L), CV14155 (=13305-R), CV14156 (=13901-R), CV14157 (=3102-L), CV14158 (=3601-L), CV14159 (=4603-L), CV14160 (=4604-R), CV14161 (=4605-R), CV14162 (=5202-L), CV14163 (=5203-R), CV14164 (=5204-R), CV14165 (=6507-L), CV14166 (=8116-L), CV14167 (=8908-L), CV14168 (=8909-L), CV14169 (=8910-R), CV14170 (=9301-R), CV14171 (=14301-R), CV14172 (=14502-R), CV14173 (=10004-L), CV14174 (=11705-L), CV14175 (=12301-L), CV14176 (=12504-R), CV14177 (=12505-R), CV14178 (=13306-L), CV14179 (=13307-L), CV14180 (=3201-R), CV14181 (=4301-L), CV14182 (=4302-R), CV14183 (=4303-R), CV14184 (=5205-L), CV14185 (=5206-L), CV14186 (=5208-R), CV14187 (=5907-L), CV14188 (=6401-L), CV14189 (=6402-R), CV14190 (=6403-R), CV14191 (=6801-L), CV14192 (=6802-L), CV14193 (=6803-L), CV14194 (=6804-R), CV14195 (=6805-R), CV14196 (=7801-R), CV14197 (=7802-L), CV14198 (=7803-L)(missing), CV14199 (=8801-R), CV14200 (=8803-L), CV14201 (=8804-L), CV14202 (=8805-L), CV14203 (=14901-L), CV14204 (=14902-L), CV14205 (=9501-R), CV14206 (=10401-L), CV14207 (=10402-R), CV14208 (=11001-L), CV14209 (=11602-L), CV14210 (=12302-L), CV14211 (=12303-R), CV14212 (=12304-R), CV14213 (=13101-L), CV14214 (=13102-L), CV14215 (=13103-L), CV14216 (=13104-L), CV14217 (=13105-L), CV14218 (=13106-R), CV14219 (=13107-R), CV14220 (=13108-R), CV14221 (=13801-L), CV14222 (=13802-R), CV14223 (=3202-R), CV14224 (=5011-R),

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CV14225 (=5209-L), CV14226 (=5908-L), CV14227 (=6509-R), CV14228 (=6601-R), CV14229 (=7804-L), CV14230 (=8806-L), CV14231 (=5911-R)(missing), CV14232 (=14302-R), CV14233 (=14903-L), CV14234 (=14904-L), CV14235 (=14905-L), CV14236 (=11603-L), CV14237 (=12305-L), CV14238 (=13308-R), CV14239 (=13803-L), CV14240 (=13804-L), CV14241 (=16102-L), CV14242 (=801-R)(missing), CV14243 (=4304-L), CV14244 (=4305-R), CV14245 (=4306-R), CV14246 (=4307-R), CV14247 (=4308-R), CV14248 (=4309-R), CV14249 (=4310-R), CV14250 (=5210-L), CV14251 (=5211-R), CV14252 (=6405-L), CV14253 (=6406-L), CV14254 (=6407-R), CV14255 (=6408-R), CV14256 (=6806-L), CV14257 (=6807-R), CV14258 (=8807-L), CV14259 (=9302-R), CV14260 (=14303-R), CV14261 (=14906-L), CV14262 (=14907-R), CV14263 (=9902-L), CV14264 (=9903-L), CV14265 (=10403-L), CV14266 (=10404-R), CV14267 (=10405-R), CV14268 (=10406-R), CV14269 (=11604-L), CV14270 (=11605-L), CV14271 (=11606-L), CV14272 (=11607-R), CV14273 (=11608-R), CV14274 (=12306-L), CV14275 (=12307-R), CV14276 (=12308-R), CV14277 (=12309-R), CV14278 (=13109-L), CV14279 (=13110-L), CV14280 (=13111-R), CV14281 (=13112-R), CV14282 (=13113-R), CV14283 (=13114-R), CV14284 (=13115-R), CV14285 (=13116-R), CV14286 (=13117-R), CV14287 (=13805-L), CV14288 (=13806-L), CV14289 (=13807-L), CV14290 (=13808-R), CV14291 (=13809-R), CV14292 (=13810-R), CV14293 (=16103-L), CV14294 (=16104-L), CV14295 (=16105-R), CV14296 (=2302-L), CV14297 (=4311-R), CV14298 (=5212-L), CV14299 (=5213-L), CV14300 (=5214-R), CV14301 (5215-R), CV14302 (=6409-L), CV14303 (=6410-L), CV14304 (=6411-R), CV14305 (=7805-L), CV14306 (=7806-R), CV14307 (=7807-R), CV14308 (=7808-R), CV14309 (=14304-L), CV14310 (=14306-R), CV14311 (=14908-L), CV14312 (=14909-L), CV14313 (=14910-R), CV14214 (=9502-L), CV14315 (=9503-R), CV14316 (=9504-R), CV14317 (=10408-R), CV14318 (=11004-L), CV14319 (=11005-L), CV14320 (=11006-R), CV14321 (=11609-L), CV14322 (=11610-R), CV14323 (=11611-R), CV14324 (=11612-R), CV14325 (=12310-L), CV14326 (=13118-L), CV14327 (=13119-R), CV14328 (=13120-R), CV14329 (=13121-R), CV14330 (=13309-R), CV14331 (=13811-L), CV14332 (=4606-R), CV14333 (=4607-R), CV14334 (=5221-R), CV14335 (=6305-L), CV14336 (=6306-L), CV14337 (=6415-L), CV14338 (=6416-L), CV14339 (=6602-R), CV14340 (=8117-L), CV14341 (=8118-R), CV14342 (=8912-R), CV14343 (=8913-L), CV14344 (=14504-R), CV14345 (=14505-R), CV14346 (=14506-R), CV14347 (=14507-L), CV14348 (=15106-L), CV14349 (=10005-R), CV14350 (=10006-R), CV14351 (=10505-R), CV14352 (=10506-R), CV14353 (=10507-R), CV14354 (=11706-L), CV14355 (=11707-L), CV14356 (=13310-L), CV14357 (=13902-L), CV14358 (=4317-L), CV14359 (=5222-R), CV14360 (=5223-R), CV14361 (=5224-R), CV14362 (=6307-L), CV14363 (=6308-R), CV14364 (=6309-R), CV14365 (=6417-R), CV14366 (=6418-R), CV14367 (=7810-L), CV14368 (=7811-L), CV14369 (=7812-L), CV14370 (=7813-R), CV14371 (=7814-R), CV14372 (=7815-R), CV14373 (=8811-L), CV14374 (=8812-L), CV14375 (=8813-R), CV14376 (=8814-R), CV14377 (=8815-R), CV14378 (=9305-L), CV14379 (=14312-L), CV14380 (=14313-R), CV14381 (=14314-R), CV14382 (=14508-L), CV14383 (=14509-R), CV14384 (=14912-L), CV14385 (=14913-R), CV14386 (=14914-R), CV14387 (=14915-R), CV14388 (=9905-L), CV14389 (=9906-R), CV14390 (=10411-L), CV14391 (=10412-R), CV14392 (=11008-R), CV14393 (=11618-L), CV14394 (=11619-R), CV14395 (=12314-L), CV14396 (=12315-R), CV14397 (=12316-R), CV14398 (=12506-R), CV14399 (=13125-R)(missing), CV14400 (=13814-L), CV14401 (=13903-L), CV14402 (=3203-L), CV14403 (=3204-R), CV14404 (=4318-L), CV14405 (=4319-L), CV14406 (=4320-L), CV14407 (=4321-L),

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CV14408 (=4322-L), CV14409 (=4323-L), CV14410 (=4324-R), CV14411 (=5225-L), CV14412 (=5226-R), CV14413 (=5227-R), CV14414 (=5228-R), CV14415 (=5229-R), CV14416 (=5230-R), CV14417 (=6310-R), CV14418 (=6312-R), CV14419 (=6419-L), CV14420 (=6420-L), CV14421 (=6421-L), CV14422 (=6422-R), CV14423 (=6423-R), CV14424 (=6424-R), CV14425 (=6425-R), CV14426 (=6426-R), CV14427 (=6808-L), CV14428 (=6809-R), CV14429 (=6810-R), CV14430 (=7816-L), CV14431 (=7817-L), CV14432 (=7818-R), CV14433 (=7819-R), CV14434 (=7820-R), CV14435 (=7821-R), CV14436 (=8816-L), CV14437 (=8817-L), CV14438 (=8818-R), CV14439 (=8819-R), CV14440 (=8820-R), CV14441 (=8821-R), CV14442 (=8822-R), CV14443 (=14916 -L), CV14444 (=14917-L), CV14445 (=14918-R), CV14446 (=14919-R), CV14447 (=14920-R), CV14448 (=14921-R), CV14449 (=14922-R), CV14450 (=9907-L), CV14451 (=9908-L), CV14452 (=9909-L), CV14453 (=10414-L), CV14454 (= 10415-L), CV14455 (=10416-L), CV14456 (=10417-R), CV14457 (=10418-R), CV14458 (=10419-R), CV14459 (=11009-R), CV14460 (=11620-L), CV14461 (= 11621-L), CV14462 (=11622-L), CV14463 (=11623-L), CV14464 (=11624-R), CV14465 (=11625-R), CV14466 (=11626-R), CV14467 (=11627-R), CV14468 (= 11628-R), CV14469 (=12317-L), CV14470 (=12318-L), CV14471 (=12319-L), CV14472 (=12320-L), CV14473 (=12321-L), CV14474 (=12322-L), CV14475 (= 12323-R), CV14476 (=12324-R), CV14477 (=12325-R), CV14478 (=12326-R), CV14479 (=12327-R), CV14480 (=12328-R), CV14481 (=13126-L), CV14482 (= 13127-L), CV14483 (=13128-L), CV14484 (=13129-L), CV14485 (=13130-R), CV14486 (=13131-R), CV14487 (=13132-R), CV14488 (=13133-R), CV14489 (= 13134-R), CV14490 (=13135-R), CV14491 (=13815-L), CV14492 (=13816-L), CV14493 (=13817-L), CV14494 (=13818-L), CV14495 (=13819-L), CV14496 (= 13820-R), CV14497 (=13821-R), CV14498 (=7004-R), CV14499 (=14105-L), CV14500 (=14510-R), CV14501 (=10007-L), CV14502 (=11708-R), CV14503 (= 12508-L), CV14504 (=12510-R), CV14505 (=13904-R), CV14506 (=4325-L), CV14507 (=4326-L), CV14508 (=9306-L), CV14509 (=14511-L), CV14510 (=14512 -R), CV14511 (=10008-L), CV14512 (=10009-L), CV14513 (=10010-L), CV14514 (=11102-R), CV14515 (=11629-R), CV14516 (=11709-R), CV14517 (=11710-R), CV14518 (=12601-L), CV14519 (=12602-L), CV14520 (=13311-R), CV14521 (= 13905-L), CV14522 (=4312-L), CV14523 (=4313-L), CV14524 (=4314-L), CV 14525 (=4315-R), CV14526 (=4316-R), CV14527 (=5216-L), CV14528 (=5217-L), CV14529 (=5218-L), CV14530 (=5219-R), CV14531 (=5220-R), CV14532 (=6412-R), CV14533 (=6413-L), CV14534 (=6414-R), CV14535 (=7809-L), CV14536 (=8008-L), (missing), CV14537 (=8009-L)(missing), CV14538 (=8010-R)(missing), CV14539 (=9303-R), CV14540 (=9304-R), CV14541 (=14307-L), CV14542 (=14308-L), CV14543 (=14309-R), CV14544 (=14310-R), CV14545 (=14311-R), CV14546 (= 14503-L), CV14547 (=14911-R), CV14548 (=10409-L), CV14549 (=10410-L), CV14550 (=11007-L), CV14551 (=11614-L), CV14552 (=11615-L), CV14553 (= 11616-R), CV14554 (=11617-R), CV14555 (=12312-R), CV14556 (=12313-R), CV14557 (=13122-L), CV14558 (=13123-L), CV14559 (=13812-L), CV14560 (= 13813-R), CV14561 (=4608), CV14562 (=5301), CV14563 (=5302), CV14564 (= 6603), CV14565 (=8119), CV14566 (=8120), CV14567 (=14513), CV14568 (= 14514), CV14569 (=14515), CV14570 (=15107), CV14571 (=10011), CV14572 (= 10012), CV14573 (=11711), CV14574 (=12511), CV14575 (=12603), CV14576 (= 13312), CV14577 (=13906), CV14578 (=13907), CV14579 (=13908), CV14580 (= 14516), CV14581 (=14517), CV14582 (=10013), CV14583 (=12512), CV14584 (= 12513), CV14585 (=13909), CV14586 (=8914), CV14587 (=14518)

Takai, F. and Chinzei, K. (1961): [Mammalian fossils excavated at Kannon Cave.] *Report on the excavation of the Kannon Cave* , pp.22-24, pl.11.

CV15348. *Cervus nippon* Temminck, p.22, pl.11, fig.1a-c.
CV15349. *Cervus nippon* Temminck, p.22, pl.11, fig.2.
CV15350. *Sinomegaceros yabei* Shikama, p.22, pl.11, fig.3a-c.
CV15351. *Sinomegaceros yabei* Shikama, p.22, pl.11, fig.4a-d.
CV15352. *Sinomegaceros yabei* Shikama, p.22, pl.11, fig.5a-d.

Takai, F. and Fujii, S. (1961): Stegolophodon pseudolatidens from the Miocene Yokawa Group in Toyama Prefecture, Japan. *Prof. Jiro Makiyama Memorial Volume,* pp.225-228, pl.1.

CV6190. *Stegolophodon pseudolatidens* (Yabe), p.226, pl.1, figs.1-4.

Takai, F. and Hasegawa, Y. (1966): Vertebrate fossils from the Gansuiji Formation. In Hamakita man and the site of Nekata limestone quarry at Hamakita. *Jour. Anthrop. Soc. Nippon,* vol.74, nos.750-751, pp.155-159, pls.5-1 - 5-4.

CV15353. *Felis* cf. *pardus* Linné, p.157, pl.5-1, fig.1a,b.
CV15354. *Felis* cf. *pardus* Linné, p.157, pl.5-1, fig.2a,b.
CV15355. *Felis* cf. *pardus* Linné, p.157, pl.5-1, fig.3a,b.
CV15356. *Felis* cf. *pardus* Linné, p.157, pl.5-1, fig.4a,b.
CV15357. *Felis* cf. *pardus* Linné, p.157, pl.5-1, fig.5a,b.
CV15358. *Felis* cf. *pardus* Linné, p.157, pl.5-1, fig.6a,b.
CV15359. *Felis* cf. *pardus* Linné, p.157, pl.5-1, fig.7a,b.
CV15360. *Felis* cf. *pardus* Linné, p.157, pl.5-2, fig.1a,b.
CV15361. *Felis* cf. *pardus* Linné, p.157, pl.5-2, fig.2a,b.
CV15362. *Felis* cf. *pardus* Linné, p.157, pl.5-2, fig.3a,b.
CV15363. *Felis* cf. *pardus* Linné, p.157, pl.5-2, fig.4a,b.
CV15364. *Felis* cf. *pardus* Linné, p.157, pl.5-2, fig.5a,b.
CV15365. *Felis* cf. *pardus* Linné, p.157, pl.5-2, fig.6a,b.
CV15366. *Felis* cf. *pardus* Linné, p.157, pl.5-2, fig.7a,b.
CV15367. *Macaca fuscata* Blyth, p.158, pl.5-3, fig.1a,b.
CV15368. *Macaca fuscata* Blyth, p.158, pl.5-3, fig.2a,b.
CV15369. *Macaca fuscata* Blyth, p.158, pl.5-3, fig.3a,b.

Takai, F. and Hasegawa, Y. (1966): continued

CV15370. *Macaca fuscata* Blyth, p.158, pl.5-3, fig.4a,b.

CV15371. *Felis* cf. *pardus* Linné, p.157, pl.5-3, fig.5a,b.

CV15372. *Cervus* sp., p.158, pl.5-3, fig.6a,b.

CV15373. *Phinolophus ferrum-equinum* Schreber, p.156, pl.5-3, fig.7. (missing)

CV15374. *Phinolophus ferrum-equinum* Schreber, p.156, pl.5-3, fig.8. (missing)

CV15375. *Phinolophus ferrum-equinum* Schreber, p.156, pl.5-3, fig.9. (missing)

CV15376. *Phinolophus ferrum-equinum* Schreber, p.156, pl.5-3, fig.10. (missing)

CV15377. *Phinolophus cornatus* Temminck, p.156, pl.5-3, fig.11. (missing)

CV15378. *Mogera wogura* (Temminck), p.156, pl.5-3, fig.12a,b. (missing)

CV15379. *Clemmys japonica* (Temminck et Schlegel), p.156, pl.5-3, fig.13a,b.

CV15380. *Bufo bufo japonicus* Schlegel, p.156, pl.5-3, fig.14a,b. (missing)

CV15381. *Parasilurus asotus ?* (Linné), p.158, pl.5-3, fig.15a,b.

CV15382. *Parasilurus asotus ?* (Linné), p.158, pl.5-3, fig.16.

CV15383. *Oncorhynchus* sp., p.158, pl.5-3, fig.17a-d.

CV15384. *Cervus* sp., p.158, pl.5-4, fig.1a,b.

CV15385. *Cervus* sp., p.158, pl.5-4, fig.2.

CV15386. *Cervus* sp., p.158, pl.5-4, fig.3a,b.

CV15387. *Meles leuculus kuzuuensis* Shikama, p.157, pl.5-4, fig.4.

CV15388a. *Megalophaedusa martensii* (Martens), p.156, pl.5-4, fig.5a.

CV15388b. *Aegista (Plectotropis) vatheletii* (Mabille), p.156, pl.5-4, fig. 5b.

Takai, F. and Shikama, T. (1963): A survey of the fossils from Japan illustrated in classical monographs. Part II. E. Naumann: Ueber Japanische Elephanten der Vorzeit. *Palaeont. Soc. Japan, 25th Anniv. Vol.*, pp.3-4, pls.6-12.

CV13805. *Stegodon sinensis* Owen, p.3, pl.6,7. (see also Naumann, 1881)

CV13806.* *Stegodon orientalis* Owen, p.3, pl.8. (see also Naumann, 1881)

CV13807.* *Stegodon orientalis* Owen, p.3, pl.9. (see also Naumann, 1881)

CV13809.* *Palaeoloxodon naumanni* (Makiyama), p.4, pl.11, (see also Naumann, 1881)

CV13810. *Elephas indicus* Linnaeus, p.4, pl.12, (see also Naumann, 1881)

Taki, I. and Otuka, Y. (1943): Conchologia Asiatica, Volumen primum, pars tertia, Genus Turcicula Dall. Kajitani Shoin, pp.93-108, pl.1, figs.1-6.

RM13262. *Turcicula acola* (Watson), p.98, pl.1, fig.1.

RM13268. *Turcicula crumpii* (Pilsbry), p.101, pl.1, fig.2. (missing)

RM13271. *Turcicula argenteonitens* (Lischke), p.105, pl.1, fig.3.

RM13272. *Turcicula argenteonitens hirasei* Kuroda MS., p.106, pl.1, fig.4.

CM20270. *Turcicula crumpii yokoyamai* Otuka, p.103, fig.5a, Syntype. (missing)

CM20271. *Turcicula crumpii yokoyamai* Otuka, p.103, fig.5b, Syntype.

CM20276. *Turcicula convexiuscula* (Yokoyama), p.107, pl.1, fig.5. Syntype.

The following specimens, though not illustrated, were also treated in this paper.

Turcicula acola (Watson): RM13263, RM13264, RM13265, RM13266, RM13267

Turcicula crumpii (Pilsbry): RM13269 (missing)

Turcicula japonica Dall: RM13270 (missing)

Taki, I. and Oyama, K. (1954): Matajiro Yokoyama's the Pliocene and later faunas from the Kwanto region in Japan. *Palaeontological Society of Japan, Special Papers,* no.2, pp.1-68, pls.1-49.

This is a taxonomic revision of the specimens illustrated in Yokoyama (1911c, 1920, 1922a, 1924a, 1927a, 1927b).

CM20033. *Retusa minima* Yamakawa, pl.2, fig.1a-c.

CM20035. *Volvulella radiola* (A. Adams), pl.2, fig.2a-c.

CM20036. *Adamnestia japonica* (A. Adams), pl.2, fig.4a,b.

CM20037. *Eocylichna braunsi* (Yokoyama), pl.2, fig.5a,b, "Holotype" [to be Lectotype].

CM20039. *Pyrunculus phialus* (A. Adams), pl.2, fig.6a,b.

CM20043. *Cylichnatys yamakawai* (Yokoyama), pl.2, fig.7a-d, Syntype.

CM20045. *Adamnestia japonica* (A. Adams), pl.2, fig.9a-c.

CM20046. *Ringicula doliaris musashinoensis* Yokoyama, pl.2, fig.3a,b, "Holotype" [to be Lectotype]. (missing)

CM20047. *Ringicula doliaris musashinoensis* Yokoyama, pl.2, fig.8a,b, "Paratype" [to be Paralectotype]. (missing)

CM20052. *Myurella (Punctoterebra) lischkeana* (Dunker) var., pl.2, fig. 10a-c.

CM20053. *Myurella (Pervicacia) recticostata* (Yokoyama), pl.2, fig.11a,b, Holotype.

CM20055. *Myurella (Strioterebrum) naumanni* (Yokoyama), pl.2, fig.12a,b, "Holotype" [to be Lectotype].

CM20056. *Myurella (Strioterebrum) tokunagai* (Yokoyama), pl.2, fig.13a,b, "Monotype" [to be Holotype].

CM20057. *Asprella (Endemoconus) sieboldi* (Reeve), pl.2, fig.14.

CM20058. *Asprella (Parviconus) tuberculosus* (Tomlin), pl.2, fig.15a,b.

CM20059. *Asprella (Parviconus) tuberculosus* (Tomlin), pl.2, fig.16a-c.

CM20062. *"Cryptogemma" yokoyamai* Oyama [nom. nud.], pl.2, fig.17a,b. "Holotype".

CM20066. *Riuguhdrillia mediocarinata* (Yokoyama), pl.2, fig.18a,b, "Monotype" [to be Holotype].

CM20067. *Inquisitor (Inquisitor) jeffreysi* (E. A. Smith), pl.2, fig.20 a,b.

CM20070. *Inquisitor (Pseudoinquisitor) pseudoprincipalis* (Yokoyama), pl.2, fig.21a-c, "Holotype" [to be Lectotype].

CM20073. *Clavus (Elaeocyma) benten* (Yokoyama)[error of *Tomopleura quantoana* (Yokoyama)], pl.2, fig.22a,b, "Monotype" [to be Holotype]. (missing)

Taki, I. and Oyama, K. (1954): continued

CM20074. *Etremopa cosibensis* (Yokoyama), pl.2, fig.26a-c, "Holotype" [to be Lectotype].

CM20075. *Paradrillia nivalioides* (Yokoyama), pl.2, fig.27a,b, "Holotype" [to be Lectotype].

CM20077. *Tomopleura quantoana* (Yokoyama)[error of *Clavus (Elaeocyma) benten* (Yokoyama)], pl.2, fig.23a,b, Holotype.

CM20078. *Clavus (Imaclava) braunsi* (Yokoyama), pl.2, fig.25a-c, "Holotype" [to be Lectotype].

CM20081. *Bellaspira (Lyromangilia) semicarinata* (Pilsbry), pl.2, fig.24 a-c.

CM20082. *Ophiodermella miyatensis* (Yokoyama), pl.6, fig.2a,b, "Holotype" [to be Lectotype].

CM20085. *Aforia nojimensis* (Yokoyama), pl.2, fig.19a,b, "Monotype" [to be Holotype].

CM20086. *Antiplanes (Rectiplanes) glabra* (Yokoyama), pl.3, fig.1a-c, "Monotype" [to be Holotype].

CM20087. *Cancellaria (Sydaphera ?) spengleriana* Deshayes, pl.3, fig.2a,b.

CM20088. *Cancellaria (Sydaphera ?) spengleriana* Deshayes, pl.3, fig.3a,b.

CM20091. *Admete yokoyamai* Oyama [nom. nud.], pl.3, fig.5a,b, "Holotype".

CM20092. *Fulgoraria (Psephaea) prevostiana kamakurensis* Otuka, pl.3, fig. 18a,b.

CM20100. *Mitra cosibensis* Otuka, pl.3, fig.4a,b.

CM20101. *Mitra kurakiensis* Hatai et Nisiyama, pl.3, fig.6a,b.

CM20103. *Benthovoluta hilgendorfi* (v. Martens), pl.3, fig.16a,b.

CM20105. *Pusia emmae* (Yokoyama), pl.7, fig.4a,b, "Monotype" [to be Holotype]. (missing)

CM20107. *Granulifusus makiyamai* (Otuka), pl.3, fig.7.

CM20109. *Fusinus perplexus* (A. Adams), pl.3, fig.17.

CM20111. *Neptunea yokoyamai* Oyama [nom. nud.], pl.3, fig.8, "Paratype". (missing)

CM20112. *Neptunea yokoyamai* Oyama [nom. nud.], pl.3, fig.9a,b, "Holotype".

CM20113. *Neptunea yokoyamai* Oyama [nom. nud.], pl.3, fig.10a,b, "Paratype".

CM20116. *Beringius (Japelion) adelphicus* (Dall), pl.4, fig.1a,b.

CM20120. *Nassaria (Microfusus) obesiformis* (Yokoyama), pl.3, fig.13a,b, "Holotype" [to be Lectotype].

CM20122. *Neptunea (Barbitonia) arthritica* (Bernardi), pl.3, fig.12.

Taki, I. and Oyama, K. (1954): continued

CM20123. *Siphonalia spadicea* (Reeve), pl.4, fig.8a,b.

CM20124. *Siphonalia spadicea* (Reeve), pl.4, fig.9a,b.

CM20125. *Siphonalia spadicea* (Reeve), pl.4, fig.10a,b.

CM20126. *Siphonalia modificata* (Reeve), pl.4, fig.11a,b.

CM20130. *Siphonalia fusoides* (Reeve), pl.3, fig.14.

CM20131. *Siphonalia spadicea* (Reeve), pl.3, fig.15.

CM20132. *Siphonalia modificata* (Reeve), pl.4, fig.3a,b. (missing)

CM20133. *Siphonalia spadicea* (Reeve), pl.4, fig.4a,b.

CM20134. *Buccinum suruganum* Dall, pl.3, fig.11.

CM20136. *Volutharpa perryi* (Jay), pl.4, fig.12.

CM20137. *Tritia (Tritonella) japonica* (A. Adams), pl.4, fig.5a,b.

CM20139. *Tritia (Tritonella) luteola* (E. A. Smith) var., pl.4, fig.6a,b.

CM20141. *Nassarius (Zeuxis) caelatus* (A. Adams), pl.4, fig.18a,b.

CM20148. *Mitrella (Mitrella) dunkeri* (Tryon), pl.4, fig.15a,b.

CM20153. *Mitrella (Mitrella) burchardi* (Dunker) var., pl.4, fig.7a,b.

CM20156. *Trophon (Austrotrophon) candelabrum* Reeve, pl.4, fig.2a,b.

CM20158. *Trophon (Austrotrophon) xestra nipponicus* Yokoyama, pl.4, fig. 13a,b, "Paratype" [to be Paralectotype].

CM20159. *Trophon (Austrotrophon) xestra nipponicus* Yokoyama, pl.4, fig. 14, "Holotype" [to be Lectotype].

CM20162. *Fusinus muricatoides* (Yokoyama), pl.4, fig.17a,b, "Monotype" [to be Holotype].

CM20163. *Trophon (Bathymurex) echinus* Dall, pl.4, fig.21.

CM20168. *Purpura (Mancinella) bronni* (Dunker), pl.4, fig.27a,b.

CM20170. *Purpura (Mancinella) clavigera* (Küster), pl.4, fig.16a,b.

CM20171. *Fusitriton oregonensis* (Redfield) var., pl.4, fig.19.

CM20172. *Fusitriton oregonensis* (Redfield) var., pl.4, fig.20.

CM20176. *Cymatium (Ranularia) subpyrum* (Yokoyama), pl.5, fig.3a,b, "Holotype" [to be Lectotype].

CM20177. *Cymatium (Ranularia) subpyrum* (Yokoyama), pl.5, fig.4, "Paratype" [to be Paralectotype].

CM20179. *Tonna luteostoma* (Küster), pl.5, fig.2a,b.

CM20184. *Thericium kobelti* (Dunker), pl.5, fig.10a,b.

CM20186. *Bittium yokosukense* Oyama, p.52, pl.5, fig.13a,b, Holotype.

Taki, I. and Oyama, K. (1954): continued

CM20187. *Bittium binodulosum* Yokoyama, pl.5, fig.8, "Monotype" [to be Holotype].

CM20188. *Cerithidea (Cerithideopsilla) djadjariensis* (K. Martin), pl.5, fig.14a,b. (missing)

CM20189. *Batillaria (Batillaria) multiformis* (Lischke), pl.5, fig.9a,b.

CM20191. *Triphora otsuensis* (Yokoyama), pl.5, fig.11a,b, Holotype.

CM20192. *Trichotropis (Trichosirius) planicostata* Yokoyama, pl.5, fig.6, "Monotype" [to be Holotype].

CM20193. *Serpulorbis medusae* (Pilsbry), pl.5, fig.7.

CM20196. *Turritella (Haustator) nipponica nipponica* Yokoyama, pl.5, fig. 16, "Holotype" [to be Lectotype].

CM20197. *Turritella (Haustator) nipponica nojimaensis* Ida, pl.5, fig.17.

CM20198. *Turritella (Haustator) nipponica nojimaensis* Ida, pl.5, fig.18. (missing)

CM20199. *Turritella (Haustator) nipponica miyata* Ida, pl.5, fig.19.

CM20205. *Architectonica (Solariaxis) lenticulatum* (Yokoyama), pl.5, fig. 21a,b, "Monotype" [to be Holotype].

CM20207. *Rissoina (Rissoina) submerculialis* Yokoyama, pl.5, fig.15a,b, "Monotype" [to be Holotype].

CM20208. *Rissoina (Rissoinella) zeltenerioides* Yokoyama, pl.5, fig.20a,b, "Monotype" [to be Holotype].

CM20209. *Clathrofenella reticulata* (A. Adams), pl.5, fig.12a,b.

CM20211. *Starkeyna sobrina* (A. Adams), pl.6, fig.1a,b. (missing)

CM20213. *Calyptraea (Calyptraea) yokoyamai* Kuroda, pl.5, fig.5a-c.

CM20214. *Syphopatella walshi* (Reeve)(forma *orbella* Yokoyama), pl.5, fig. 22a-c, "Holotype" [to be Lectotype of *Crepidula orbella*].

CM20215. *Syphopatella walshi* (Reeve)(forma *orbella* Yokoyama), pl.5, fig. 23a-c, "Paratype" [to be Paralectotype of *Crepidula orbella*]. (missing)

CM20217. *Natica (Tectonatica) severa* Gould, pl.6, fig.3.

CM20218. *Natica (Tectonatica) severa* Gould, pl.6, fig.4a,b.

CM20231. *Uberella yokoyamai* (Kuroda et Habe), pl.5, fig.1a-c. (missing)

CM20232. *Polinices (Glossaulax) didyma* (Röding), pl.6, fig.5a,b.

CM20233. *Polinices (Glossaulax) reiniana* (Dunker) var., pl.6, fig.6a,b. (missing)

CM20237. *Cirsotrema turriculoides* (Yokoyama), pl.6, fig.12, "Monotype" [to be Holotype].

Taki, I. and Oyama, K. (1954): continued

CM20238a. *Amaea densicostata* (Yokoyama), pl.6, fig.14a,c, "Holotype" [to be Syntype]. (missing)

CM20238b. *Amaea densicostata* (Yokoyama), pl.6, fig.14b, "Holotype" [to be Syntype]. (missing)

CM20239. *Balcis yokosukensis* (Yokoyama), pl.6, fig.7a,b, "Monotype" [to be Holotype].

CM20240. *Balcis sagamiana* (Yokoyama), pl.6, fig.8a,b, "Monotype" [to be Holotype].

CM20241. *Tiberia pseudopulchella* (Yokoyama), pl.6, fig.11a,b, "Monotype" [to be Holotype].

CM20243. *Odostomia (Odostomia) hilgendorfi* Clessin, pl.6, fig.9a,b.

CM20245. *Chrysallida (Salassiella) takinogawensis* (Tokunaga), pl.6, fig. 10a,b.

CM20246. *Odostomia (Odostomia) sublimpida* Yokoyama, pl.6, fig.13a,b, "Holotype" [to be Lectotype].

CM20248. *Cingulina (Cingulina) adamsi* Yokoyama (? *circinata* A. Adams), pl.6, fig.17a,b, "Holotype" [to be Lectotype].

CM20250. *Turbonilla (Turbonilla) subapproximata* Yokoyama, pl.6, fig.16a,b, "Monotype" [to be Holotype].

CM20251. *Turbonilla (Paramormula) tokunagai* Yokoyama, pl.6, fig.18a,b, "Monotype" [to be Holotype].

CM20252a. *Turbo (Lunella) coronatus coreensis* Récluz, pl.6, fig.19a,b.

CM20252b. *Turbo (Lunella) coronatus coreensis* Récluz [operculum], pl.6, fig.20a-c.

CM20254. *Leptothyra sangarensis* (Schrenck), pl.6, fig.21a,b.

CM20258. *Leptothyra amussitata* (Gould), pl.6, fig.22a,b.

CM20265. *Littorina (Littorivaga) brevicula* (Philippi), pl.6, fig.15a,b.

CM20266. *Gibbula (Enida) japonica* (A. Adams), pl.6, fig.33a-c.

CM20267. *Tegula (Chlorostoma) pfeifferi* (Philippi), pl.6, fig.24a-d.

CM20268. *Tegula (Chlorostoma) tokunagai* (Yokoyama), pl.6, fig.25a-d, "Monotype" [to be Holotype].

CM20269. *Cantharidus (Cantharidus) callichroa* (Philippi), pl.6, fig.26a,b. (missing)

CM20270. *Turcicula crumpi yokoyamai* Otuka, pl.6, fig.27. (missing)

CM20271. *Turcicula crumpi yokoyamai* Otuka, pl.6, fig.28.

CM20276. *Turcicula convexiuscula* (Yokoyama), pl.6, fig.32a,b, "Holotype" [to be Lectotype].

CM20278. *Solariella* sp. ind., pl.6, fig.29.

Taki, I. and Oyama, K. (1954): continued

CM20280. *Minolia nyssona* (Dall), pl.6, fig.30.

CM20281. *Turcica coreensis* (Pease), pl.6, fig.31.

CM20282. *Calliostoma (Tristichotrochus) shinagawense cipangoanum* Yokoyama, pl.6, fig.23a,b, "Monotype" [to be Holotype]. (missing)

CM20283. *Calliostoma (Tristichotrochus) consors* (Lischke) pl.7, fig.1a,b.

CM20284. *Euchelus pauperculus* (Lischke), pl.7, fig.2a,b.

CM20285. *Umbonium (Suchium) giganteum* (Lesson), pl.7, fig.5.

CM20286. *Umbonium (Suchium) costatum* (Kiener), pl.7, fig.6.

CM20287. *Pygmaerota duplicata* (Lischke), pl.7, fig.8a-c.

CM20288. *Macroschisma sinensis* [error of *sinense*] A. Adams, pl.7, fig.3.

CM20291. *Diodora yokoyamai kosibensis* Otuka, pl.7, fig.18a,b, Holotype.

CM20292. *Puncturella (Puncturella) fastigiata* Adams, pl.7, fig.7a,b.

CM20294. *Emarginula (Emarginula) fragilis* (Yokoyama), pl.7, fig.10a,b, "Monotype" [to be Holotype].

CM20295. *Tugali vadorosinuata* (Yokoyama), pl.7, fig.15a,b.

CM20297. *Collisella heroldi* (Dunker), pl.7, fig.12a,b.

CM20300. *Pectinodonta kuragiensis* (Yokoyama), pl.7, fig.9a,b, "Monotype" [to be Holotype].

CM20301. *"Acmaea" nojimensis* Yokoyama, pl.7, fig.11a,b, "Monotype" [to be Holotype].

CM20302. *Acmaea (Acmaea) pallida* (Gould), pl.7, fig.16a,b.

CM20303. *Acmaea (Acmaea) pallida* (Gould), pl.7, fig.17a,b.

CM20306. *Dentalium (Fissidentalium) yokoyamai* Makiyama, pl.7, fig.27.

CM20314. *Dentalium (Antalis) septentrionale* Kuroda [nom. nud.], pl.7, figs.19-21.

CM20320. *Dentalium (Paradentalium) octangulatum hexagonum* Gould, pl.7, fig.22. (missing)

CW20325. *Ditrupa edoensis* (Tokunaga), pl.7, fig.28.

CW20328. *Ditrupa ? gordonis* (Yokoyama), pl.7, fig.25, "Holotype" [to be Lectotype].

CW20329. *Ditrupa ? gordonis* (Yokoyama), pl.7, fig.26, "Paratype" [to be Paralectotype].

CM20330. *Barnea (Anchomasa) inornata* (Pilsbry), pl.7, fig.29.

CM20333. *Nettastomella japonica* (Yokoyama), pl.8, fig.1a-c, Syntype.

CM20335. *Hiatella orientalis* (Yokoyama), pl.8, fig.2a,b, Syntype.

CM20336. *Hiatella orientalis* (Yokoyama), pl.8, fig.3, Syntype.

Taki, I. and Oyama, K. (1954): continued

CM20337. *Cyrtopleura japonica* (Yokoyama), pl.7, fig.31a-c, "Holotype" [to be Lectotype].

CM20338. *Cyrtopleura japonica* (Yokoyama), pl.7, fig.30a,b, "Paratype" [to be Paralectotype].

CM20339. *Caryocorbula (Anisocorbula) venusta* (Gould), pl.8, figs.4a,b, 5a,b,6.

CM20348. *Anisodonta (Fulcrella) gouldi* (A. Adams), pl.8, fig.7a,b.

CM20349. *Anisodonta (Anisodonta) recluzi* (A. Adams), pl.8, fig.8a,b.

CM20350. *Anisodonta (Anisodonta) recluzi* (A. Adams), pl.8, fig.9a,b.

CM20351. *Caecella chinensis* Deshayes, pl.8, fig.21a,b.

CM20352. *Caecella chinensis* Deshayes, pl.8, fig.22.

CM20353. *Mactra (Mactra) veneriformis* Reeve, pl.8, fig.10a,b.

CM20355. *Lutraria sieboldi* Reeve, pl.8, fig.11a,b.

CM20358. *Solen gordonis* Yokoyama, pl.8, fig.23a,b, "Holotype" [to be Lectotype].

CM20360. *Azorinus abbreviatus* (Gould), pl.8, fig.12a,b.

CM20361. *Azorinus abbreviatus* (Gould), pl.8, fig.13a,b. (missing)

CM20363. *Solecurtus divaricatus* (Lischke), pl.8, fig.14.

CM20364. *Fabulina (Fabulina) nitidula* (Dunker), pl.8, fig.15a,b.

CM20366. *Merisca subtruncata* (Hanley), pl.8, fig.16a,b.

CM20367. *Merisca subtruncata* (Hanley), pl.8, fig.17a,b.

CM20370. *Angulus (Angulus) vestalioides* (Yokoyama), pl.8, fig.25a,b, "Holotype" [to be Lectotype].

CM20372. *Merisca tokunagai* Ikebe, pl.8, fig.24a,b, Holotype.

CM20374. *Fabulina (Moerella) miyatensis* (Yokoyama), pl.8, fig.18a,b, Holotype.

CM20375. *Macoma (Macoma) incongrua* (v. Martens), pl.8, fig.19a,b.

CM20376. *Macoma (Macoma) incongrua* (v. Martens), pl.8, fig.20.

CM20378. *Macoma (Macoma) incongrua* (v. Martens), pl.9, fig.1a,b.

CM20379. *Macoma (Macoma) incongrua* (v. Martens), pl.9, fig.2a,b. (missing)

CM20381. *Macoma (Psammacoma) nipponica* Tokunaga, pl.9, fig.3.

CM20382. *Macoma (Psammacoma) nipponica* Tokunaga, pl.9, fig.4.

CM20385. *Dosinia (Phacosoma)* n. sp., pl.9, fig.5.

CM20386. *Dosinia (Phacosoma)* n. sp., pl.9, fig.6.

Taki, I. and Oyama, K. (1954): continued

CM20388. *Cyclina orientalis* Sowerby, pl.9, fig.7.

CM20389. *Cyclina orientalis* Sowerby, pl.9, fig.8.

CM20391. *Callista chinensis* (Holten), pl.9, fig.9.

CM20392. *Callista chinensis* (Holten), pl.9, fig.10.

CM20394. *Protothaca (Protothaca) jedoensis* (Lischke), pl.9, fig.11.

CM20395. *Protothaca (Protothaca) jedoensis* (Lischke), pl.9, fig.12.

CM20401. *Clausinella (Placamen) tiara* (Dillwyn), pl.9, fig.13a,b.

CM20403. *Anomalocardia (Veremolpa) minuta* Yokoyama, pl.9, fig.14, "Holotype" [to be Lectotype]. (missing)

CM20405. *Circe yokoyamai* Otuka, pl.9, fig.15, "Holotype" [to be Syntype].

CM20406. *Circe yokoyamai* Otuka, pl.9, fig.16, "Holotype" [to be Syntype]. (missing)

CM20407. *Irus mitis* (Deshayes), pl.10, fig.1a,b.

CM20410. *Petricola (Pseudoirus) mirabilis* Deshayes, pl.10, fig.2a,b.

CM20411. *Irus ishibashianus* Kuroda and Habe, pl.10, fig.3a,b.

CM20414. *Venerupis (Amygdala) variegata* (Hanley) var., pl.10, fig.4.

CM20415. *Venerupis (Amygdala) variegata* (Hanley) var., pl.10, fig.5a,b.

CM20417. *Venerupis (Amygdala) semidecussata* (Reeve), pl.10, fig.6a,b.

CM20419. *Paphia (Paphia) naganumana* Otuka, pl.10, fig.7a,b.

CM20420. *Saxidomus purpuratus* Sowerby, pl.10, fig.8.

CM20421. *Saxidomus purpuratus* Sowerby, pl.10, fig.9.

CM20426. *Clinocardium californiense* (Deshayes) var., pl.10, fig.10a,b.

CM20431. *Fulvia mutica* (Reeve), pl.10, fig.11a,b.

CM20435. *Nemocardium (Keenaea) samarangae* (Makiyama), pl.10, fig.12a,b. (missing)

CM20436. *Nemocardium (Keenaea) samarangae* (Makiyama), pl.10, fig.13. (missing)

CM20438. *Dinocardium braunsi* (Tokunaga), pl.11, fig.1a,b.

CM20439. *Diplodonta (Felaniella) usta* Gould, pl.10, fig.14.

CM20440. *Diplodonta (Felaniella) usta* Gould, pl.10, fig.15.

CM20441. *Diplodonta (Felaniella) usta* Gould, pl.10, fig.16.

CM20444. *Joannisiella semiasperoides* (Nomura), pl.11, fig.2a,b. (missing)

CM20445. *Joannisiella semiasperoides* (Nomura), pl.11, fig.3. (missing)

CM20448. *Diplodonta (Phlyctiderma) japonica* Pilsbry, pl.11, fig.4a,b.

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CM20449. *Diplodonta (Diplodonta) gouldi* Yokoyama, pl.11, fig.5a-c, "Holotype" [to be Lectotype].

CM20451. *Pillucina (Pillucina) pisidium* (Dunker) var., pl.11, fig.6a-c.

CM20454. *Lucinoma concentrica* (Yokoyama), pl.11, fig.7a,b. (missing)

CM20457. *Pillucina (Wallucina) lanyi* Chavan, pl.11, fig.8a,b.

CM20460. *Lucinoma spectabilis* [error of *spectabile*](Yokoyama), pl.11, figs.10,11, "Holotype" [to be Lectotype]. (missing)

CM20461. *Lucinoma spectabilis* [error of *spectabile*](Yokoyama), pl.11, fig.12, "Paratype" [to be Paralectotype].

CM20462. *Pillucina (Sydlorina) yamakawai* Yokoyama, pl.11, fig.9a,b, "Monotype" [to be Holotype].

CM20463. *Chama fragum* Reeve, pl.11, fig.13a-c.

CM20464. *Chama fragum* Reeve, pl.11, fig.14a-c.

CM20468. *Cardita nodulosa* Bruguière, pl.11, fig.16a-c.

CM20469. *Cardita leana* Dunker, pl.11, fig.15a-c.

CM20472. *Venericardia (Megacardita) kiiensis "cipangoana* Yokoyama", pl.12, fig.2a-c, Syntype.

CM20475. *Venericardia (Cyclocardia) ferruginea* Clessin, pl.12, fig.3a-c. (missing)

CM20476. *Venericardia (Cyclocardia) ferruginea* Clessin, pl.12, fig.4a-c.

CM20486. *Astarte hakodatensis* Yokoyama, pl.12, fig.5a-c, "Holotype" [to be Lectotype].

CM20487. *Astarte hakodatensis* Yokoyama, pl.12, fig.6a-c, "Paratype" [to be Paralectotype].

CM20491. *Lucinoma concentrica* [error of *concentricum*](Yokoyama), pl.12, fig.7a-c, "Holotype" [to be Lectotype].

CM20493. *Crassatellites (Crassatellites) nanus* (Adams et Reeve), pl.12, fig.10.

CM20494. *Crassatellites (Crassatellites) nanus* (Adams et Reeve), pl.12, fig.11.

CM20497. *Crassatellites (Crassatina) oblongata* (Yokoyama), pl.12, fig. 8a-c, "Holotype" [to be Lectotype].

CM20498. *Crassatellites (Crassatina) oblongata* (Yokoyama), pl.12, fig. 9a-c, "Paratype" [to be Paralectotype].

CM20501. *Myadora ikebei* Habe, pl.12, fig.12a,b.

CM20502. *Myadora ikebei* Habe, pl.12, fig.13a-d.

CM20503. *Myadora yokoyamai* (Otuka) Habe, pl.12, fig.14a,b.

Taki, I. and Oyama, K. (1954): continued

CM20504. *Myadora yokoyamai* (Otuka) Habe, pl.12, fig.15a,b.

CM20506. *Septifer (Mytilisepta) keeni* Nomura (*keenae* Nomura), pl.12, fig.16a,b.

CM20509. *Mytilus crassitesta* Lischke, pl.12, fig.20a,b.

CM20511. *Volsella (Volsella) difficilis* Kuroda et Habe, pl.12, fig.21.

CM20516. *Anomia lischkei* Dautzenberg et Fischer, pl.12, fig.17a,b.

CM20520. *Anomia cytaeum* Gray, pl.12, fig.18a,b.

CM50521. *Anomia cytaeum* Gray, pl.12, fig.19a,b.

CM20528. *Lima (Acesta) goliath* Sowerby, pl.17, fig.7.

CM20529. *Lima (Acesta) goliath* Sowerby, pl.17, fig.8.

CM20532. *Lima (Lima) zushiensis* Yokoyama, pl.13, fig.8, "Holotype" [to be Lectotype]. (missing)

CM20534. *Lima (Promantellum) hakodatensis* Tokunaga, pl.13, fig.12a-c.

CM20535. *Limatula (Stabilima) japonica* A. Adams, pl.13, fig.9a-c.

CM20537. *Limatula (Limatula) kurodai* Oyama, pl.13, fig.10a-c.

CM20539. *Lima (Lima) quantoensis* Yokoyama, pl.13, fig.11a-c. "Holotype" [to be Lectotype]. (missing)

CM20541. *Chlamys (Chlamys) squamata* (Gmelin), pl.15, fig.4.

CM20543. *Chlamys (Chlamys) nipponensis* Kuroda, pl.15, fig.1.

CM20544. *Chlamys (Chlamys) nipponensis* Kuroda, pl.15, fig.2.

CM20545. *Chlamys nobilis* (Reeve), pl.13, fig.7.

CM20546. *Chlamys (Veprichlamys) jousseaumei* Bavay, pl.14, fig.1.

CM20547. *Chlamys (Veprichlamys) jousseaumei* Bavay, pl.14, fig.2.

CM20548. *Chlamys (Veprichlamys) jousseaumei* Bavay, pl.14, fig.3.

CM20549. *Aequipecten (Cryptopecten) vesiculosus* (Dunker), pl.14, fig.11. (missing)

CM20550. *Aequipecten (Cryptopecten) vesiculosus* (Dunker), pl.14, fig.12. (missing)

CM20551. *Aequipecten (Cryptopecten) vesiculosus* (Dunker), pl.14, fig.13.

CM20553. *Chlamys (Chlamys) swifti* (Bernardi), pl.15, fig.11.

CM20554. *Chlamys (Chlamys) cosibensis* (Yokoyama), pl.15, fig.5.

CM20555. *Chlamys (Chlamys) cosibensis* (Yokoyama), pl.15, fig.6.

CM20556. *Chlamys (Chlamys) cosibensis* (Yokoyama), pl.14, fig.7, Syntype.

CM20557. *Chlamys (Chlamys) cosibensis* (Yokoyama), pl.14, fig.8, Syntype.

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CM20559. *Polynemamussium intuscostatum* (Yokoyama), pl.14, fig.9a,b, Syntype.

CM20560. *Polynemamussium intuscostatum* (Yokoyama), pl.14, fig.10a,b, Syntype.

CM20562. *Chlamys (Chlamys) miurensis* (Yokoyama), pl.13, fig.2, "Holotype" [to be Lectotype].

CM20563. *Chlamys (Chlamys) miurensis* (Yokoyama), pl.13, fig.3, "Paratype" [to be Paralectotype].

CM20564. *Chlamys (Chlamys) miurensis* (Yokoyama), pl.13, fig.4, "Paratype" [to be Paralectotype].

CM20565. *Chlamys (Chlamys) miurensis* (Yokoyama), pl.13, fig.5, "Paratype" [to be Paralectotype].

CM20566. *Chlamys (Chlamys) miurensis* (Yokoyama), pl.13, fig.6, "Paratype" [to be Paralectotype].

CM20567. *Pecten (Patinopecten) tokunagai* Yokoyama, pl.13, fig.1, "Monotype" [to be Holotype].

CM20568. *Pecten (Patinopecten) tokyoensis* Tokunaga, pl.15, fig.7.

CM20569. *Pecten (Patinopecten) tokyoensis* Tokunaga, pl.15, fig.8.

CM20577. *Pecten (Patinopecten) yessoensis* Jay, pl.14, fig.14.

CM20578. *Pecten (Patinopecten) yessoensis* Jay, pl.14, fig.15.

CM20582. *Pecten (Notovola) albicans* (Schröter), pl.15, fig.9.

CM20583. *Pecten (Notovola) albicans* (Schröter), pl.15, fig.10.

CM20586. *Pecten (Notovola) albicans naganumanus* Yokoyama, pl.14, fig.4, Syntype.

CM20587. *Pecten (Notovola) albicans naganumanus* Yokoyama, pl.14, fig.5, Syntype.

CM20588. *Pecten (Notovola) albicans naganumanus* Yokoyama, pl.14, fig.6, Syntype.

CM20590. *Ostrea denselamellosa* Lischke, pl.16, figs.1,2. (missing)

CM20591. *Ostrea (Crassostrea) gigas* Thunberg, pl.16, figs.3,4. (missing)

CM20595. *Ostrea (Crassostrea) gigas* Thunberg, pl.17, fig.6a,b.

CM20596. *Ostrea (Ostrea) circumpicla* Pilsbry, pl.18, fig.1a,b.

CM20597. *Ostrea (Crassostrea) rivularis* Gould var., pl.18, fig.2a,b.

CM20598. *Ostrea (Crassostrea) rivularis* Gould var., pl.18, fig.3a-c.

CM20599. *Ostrea (Notostrea) musashiana* Yokoyama, pl.17, fig.1a-c, "Paratype" [to be Paralectotype].

CM20600. *Ostrea (Notostrea) musashiana* Yokoyama, pl.17, fig.2a,b, "Paratype" [to be Paralectotype].

Taki, I. and Oyama, K. (1954): continued

CM20601. *Ostrea (Notostrea) musashiana* Yokoyama, pl.17, fig.3a-c, "Holotype" [to be Lectotype].

CM20602. *Ostrea (Notostrea) musashiana* Yokoyama, pl.17, fig.4, "Paratype" [to be Paralectotype].

CM20603. *Ostrea (Notostrea) musashiana* Yokoyama, pl.17, fig.5, "Paratype" [to be Paralectotype].

CM20605. *Arca miyatensis* Oyama [nom. nud.], pl.18, fig.4a,b.

CM20611. *Striarca (Didimacar) tenebrica* (Reeve), pl.18, fig.5a,b.

CM20612. *"Barbatia"* sp., pl.17, fig.9. (missing)

CM20613. *Striarca (Galactella) yokoyamai* (Nomura), pl.18, fig.8a,b.

CM20617. *Anadara (Scapharca) broughtoni* (Schrenck), pl.18, fig.9.

CM20619. *Glycymeris vestita* (Dunker) var., pl.18, fig.10a,b. (missing)

CM20620. *Glycymeris vestita* (Dunker) var., pl.18, fig.11a,b.

CM20625. *Glycymeris (Glycymeris) nipponicus* [error of *nipponica*](Yokoyama), pl.19, fig.3a-c, Syntype.

CM20626. *Glycymeris (Glycymeris) nipponicus* [error of *nipponica*](Yokoyama), pl.19, fig.4a,b, Syntype.

CM20627. *Glycymeris (Glycymeris) nipponicus* [error of *nipponica*](Yokoyama), pl.19, fig.5a-c, Syntype. (missing)

CM20628. *Glycymeris (Glycymeris) nipponicus* [error of *nipponica*](Yokoyama), pl.19, fig.6a,b, Syntype. (missing)

CM20629. *Glycymeris (Glycymeris) nipponicus* [error of *nipponica*](Yokoyama), pl.19, fig.7a,b, Syntype.

CM20635. *Glycymeris (Glycymeris) yessoensis* (Sowerby), pl.19, fig.1a,b.

CM20636. *Glycymeris (Glycymeris) yessoensis* (Sowerby), pl.19, fig.2a-c.

CM20639. *Glycymeris (Tucetilla) pilsbryi* (Yokoyama), pl.19, fig.8a-c, "Holotype" [to be Lectotype].

CM20642. *Pseudogrammatodon obliquatus* (Yokoyama) var., pl.18, fig.6a,b, "Paratype" [to be Paralectotype].

CM20643. *Pseudogrammatodon obliquatus* (Yokoyama), pl.19, fig.9a-c, "Holotype" [to be Lectotype].

CM20644. *Pseudogrammatodon obliquatus* (Yokoyama), pl.19, fig.10a-c, "Paratype" [to be Paralectotype].

CM20645. *Pseudogrammatodon obliquatus* (Yokoyama), pl.19, fig.11a-c, Paralectotype.

CM20649. *Limopsis (Limopsis) auritoides* Yokoyama, pl.19, fig.12a,b, "Paratype" [to be Paralectotype].

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CM20650. *Limopsis (Limopsis) auritoides* Yokoyama, pl.19, fig.13a-c, "Holotype" [to be Lectotype].

CM20652. *Limopsis (Limopsis) tokaiensis* Yokoyama, pl.19, fig.14a-c, "Holotype" [to be Lectotype].

CM20653. *Limopsis (Limopsis) tokaiensis* Yokoyama, pl.19, fig.15a-c, "Paratype" [to be Paralectotype]. (missing)

CM20654. *Limopsis (Limopsis) tokaiensis* Yokoyama, pl.19, fig.16a-c, "Paratype" [to be Paralectotype]. (missing)

CM20665. *Limopsis (Pectunculina) crenata* A. Adams, pl.19, fig.17a-c. (missing)

CM20666. *Limopsis (Pectunculina) crenata* A. Adams, pl.19, fig.18a-c.

CM20678. *Limopsis (Limopsis) adamsiana* Yokoyama, pl.20, fig.1a-c, "Paratype" [to be Paralectotype]. (missing)

CM20679. *Limopsis (Limopsis) adamsiana* Yokoyama, pl.20, fig.2a-c, "Holotype" [to be Lectotype].

CM20681. *Nuculana (Nuculana) yokoyamai* (Kuroda), pl.20, fig.3a-c. (missing)

CM20683. *Saccella gordonis* (Yokoyama), pl.20, fig.4a,b, Syntype. (missing)

CM20684. *Saccella gordonis* (Yokoyama), pl.20, fig.5a-c, Syntype. (missing)

CM20685. *Yoldia (Yoldia) naganumana* (Yokoyama), pl.20, fig.6a-c, "Monotype" [to be Holotype]. (missing)

CM20686. *Acila minuta* Makiyama, pl.20, fig.7.

CM20687. *Acila minuta* Makiyama, pl.20, fig.8a-c.

CM20688. *Acila divaricata* (Hinds), pl.20, fig.9a-c. (missing)

CM20690. *Nucula (Lamellinucula) tokyoensis* Yokoyama, pl.20, fig.10a-c, Syntype. (missing)

CM20691. *Nucula (Lamellinucula) tokyoensis* Yokoyama, pl.20, fig.11a-c, Syntype. (missing)

CB20692. *Terebratulina crossei* Davidson, pl.20, fig.12a,b.

CB20693. *Terebratulina crossei* Davidson, pl.20, fig.13a,b.

CB20694. *Terebratulina crossei* Davidson, pl.20, fig.14. (missing)

CB20697. *Terebratulina peculiaris* Hatai, pl.20, fig.15.

CB20698. *Terebratulina peculiaris* Hatai, pl.20, fig.16.

CB20699. *Terebratulina peculiaris* Hatai, pl.20, fig.17.

CB20700. *Terebratulina peculiaris* Hatai, pl.20, fig.18.

CB20702. *Terebratalia gouldi* (Dall), pl.20, fig.19a-c.

CB20703. *Terebratalia gouldi* (Dall), pl.20, fig.20.

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CB20704. *Terebratalia gouldi* (Dall), pl.20, fig.21.

CB20705. *Terebratalia gouldi* (Dall), pl.20, fig.22. (missing)

CB20706. *Terebratalia gouldi* (Dall), pl.20, fig.23a,b.

CB20707. *Terebratalia gouldi* (Dall), pl.20, fig.24.

CB20709. *Terebratalia coreanica* (Adams et Reeve), pl.20, fig.25.

CB20710. *Terebratalia coreanica* (Adams et Reeve), pl.20, fig.28a-c.

CB20711. *Laqueus ?* sp., pl.20, fig.26a,b.

CB20712. *"Terebratella" nipponensis* Yokoyama, pl.20, fig.27a-d, "Monotype" [to be Holotype].

CM20728. *Pupa strigosa* (Gould), pl.21, fig.1,1a.

CM20731. *Pupa clathrata* (Yokoyama), pl.21, fig.2, "Holotype" [to be Lectotype].

CM20733. *Leucotina gigantea* Dunker, pl.21, fig.3.

CM20736. *Acteocina (Acteocina) exilis* (Dunker), pl.21, fig.4,4a.

CM20740. *Decorifer longispiratus* (Yamakawa), pl.21, fig.5. (missing)

CM20743. *Decorifer globosus* (Yamakawa), pl.21, fig.6,6a. (missing)

CM20746. *Decorifer delicatulus* (A. Adams), pl.21, fig.7,7a.

CM20749. *Volvulella* n. sp., pl.21, fig.8,8a.

CM20752. *Volvulella acutaeformis* (Yokoyama), pl.21, fig.9, "Holotype" [to be Lectotype]. (missing)

CM20754. *Adamnestia japonica* (A. Adams), pl.21, fig.10.

CM20758. *Philine scalpta* A. Adams, pl.21, fig.11.

CM20759. *Philine* sp. (juv.), pl.21, fig.12.

CM20760. *Philine japonica* Lischke, pl.21, fig.13. (missing)

CM20762. *Velutina takatensis* (Yokoyama), pl.25, fig.4,4a, "Monotype" [to be Holotype].

CM20763. *Abderospira punctulata* (A. Adams), pl.21, fig.14,14a.

CM20765. *Haloa rotundata* (A. Adams), pl.21, fig.15.

CM20766. *Ringicula doliaris* Gould, pl.21, fig.16.

CM20767. *Ringicula doliaris* Gould, pl.21, fig.17.

CM20773. *Myurella* n. sp., pl.21, fig.18,18a.

CM20774. *Myurella (Perirhoe) hedleyana* (Pilsbry) var., pl.21, fig.19,19a, 19b.

CM20777. *Myurella (Pristiterebra) chibana* (Yokoyama), pl.21, fig.20, "Holotype" [to be Lectotype].

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CM20780. *Myurella (Pristiterebra) bifrons* (Hinds), pl.21, fig.21.

CM20781. *Myurella (Perirhoe) quadriarata* (Yokoyama), pl.21, fig.22,22a, Holotype.

CM20782. *Myurella (Pervicacia) latisulcata* (Yokoyama), pl.21, fig.23,23a, "Holotype" [to be Lectotype].

CM20784. *Myurella (Pristiterebra) suavidica* (Yokoyama), pl.21, fig.24, "Holotype" [to be Lectotype].

CM20786. *Myurella (Pristiterebra) bifrons* (Hinds), pl.33, fig.12.

CM20787. *Myurella (Pristiterebra) bifrons* (Hinds), pl.33, fig.13. (missing)

CM20789. *Aesopus japonicus* Gould, pl.21, fig.25. (missing)

CM20790. *Suavodrillia declivis* (v. Martens), pl.21, fig.26,26a.

CM20794. *Ophiodermella pseudopannus* (Yokoyama), pl.21, fig.27, "Monotype" [to be Holotype]. (missing)

CM20795. *Ophiodermella miyatensis sematensis* (Yokoyama), pl.21, fig.28, "Monotype" [to be Holotype].

CM20796. *Ophiodermella ogurana* Yokoyama, pl.21, fig.29,29a, "Monotype" [to be Holotype].

CM20799. *Etremopa subauriformis* (E. A. Smith), pl.21, fig.30.

CM20801. *Clavus (Elaeocyma) glabriuscula* (Yokoyama), pl.21, fig.31,31a, "Holotype" [to be Lectotype].

CM20803. *Clavus (Elaeocyma) glabriuscula brevis* Yokoyama, pl.21, fig.32, 32a, "Monotype" [to be Holotype]. (missing)

CM20807. *Horaiclavus shitoensis* Oyama [nom. nud.], pl.21, fig.33,33a, "Holotype".

CM20809. *Haedropleura fukuchiana* (Yokoyama), pl.21, fig.34,34a, Holotype.

CM20810. *Leiocithara rugosolabiata* (Yokoyama), pl.21, fig.35,35a, "Holotype" [to be Lectotype].

CM20812. *Ithycythara oyuana* (Yokoyama), pl.21, fig.36, "Monotype" [to be Holotype].

CM20813. *Propebela (Turritoma) yokoyamai* Onoyama, pl.21, fig.37, "Holotype" (missing)

CM20815. *Asperdaphne reticostulata* (Yokoyama), pl.21, fig.38,38a, "Monotype" [to be Holotype].

CM20822. *Cancellaria (Narona) nodulifera* Sowerby, pl.22, fig.1.

CM20827. *Cancellaria (Merica) laticosta* Löbbeck, pl.22, fig.2.

CM20831. *Olivella fabula* (Marratt) var., pl.22, fig.3,3a.

CM20838. *Olivella spretoides* Yokoyama, pl.22, fig.4, "Holotype" [to be Lectotype]. (missing)

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CM20840. *Ancilla hinomotoensis* Yokoyama, pl.22, fig.5,5a, "Holotype" [to be Lectotype].

CM20842. *Cypraeolina cotamago* (Yokoyama), pl.22, fig.6,6a, "Holotype" [to be Lectotype].

CM20844. *Cypraeolina cotamago* (Yokoyama), pl.22, fig.7,7a.

CM20846. *Pusia hondana* Yokoyama, pl.22, fig.8, "Holotype" [to be Lectotype].

CM20848. *Pusia hondana* Yokoyama, pl.22, fig.9.

CM20853. *Searlesia fuscolabiata* (Smith), pl.22, fig.10.

CM20857. *Granulifusus musashiensis* (Makiyama), pl.22, fig.11,11a.

CM20859. *Neptunea arthritica* (Bernardi), pl.22, fig.12.

CM20866. *Beringius (Japelion) pericochlion* Schrenck, pl.22, fig.13.

CM20869. *"Sipho" nipponicus* Yokoyama, pl.22, fig.14, "Monotype" [to be Holotype].

CM20871. *Siphonalia fusoides* (Reeve), pl.22, fig.15.

CM20872. *Siphonalia fusoides* (Reeve), pl.22, fig.16.

CM20873. *Siphonalia fusoides* (Reeve), pl.22, fig.17.

CM20874. *Siphonalia fusoides* (Reeve), pl.22, fig.18. (missing)

CM20880. *Charonia sauliae* (Reeve) var., pl.25, fig.1.

CM20881. *Volutharpa perryi* Jay, pl.22, fig.19. (missing)

CM20885. *Babylonia japonica* (Reeve), pl.22, fig.20.

CM20897. *Tritia (Tritonella) hiradoensis* (Pilsbry) var., pl.22, fig.21.

CM20899. *Mitrella (Indomitrella) smithi* (Yokoyama), pl.22, fig.24, "Holotype" [to be Lectotype].

CM20902. *Mitrella (Indomitrella) turriculata* (Yokoyama), pl.22, fig.22, "Monotype" [to be Holotype].

CM20903. *Mitrella (Indomitrella) lischkei* Smith, pl.22, fig.25.

CM20907. *Mitrella (Mitrella) dunkeri* (Tryon), pl.22, fig.23.

CM20911. *Mitrella (Mitrella) dunkeri* (Tryon), pl.22, fig.26.

CM20917. *Bedevina birileffi* Lischke, pl.23, fig.1. (missing)

CM20918. *Trophon (Austrotrophon) candelabrum* (Adams et Reeve), pl.23, fig.2.

CM20921. *Siphonochelus (Siphonochelus) japonicus* (A. Adams), pl.23, fig.3.

CM20923. *Ceratostoma (Ocenebra) aduncum* (Sowerby), pl.23, fig.4.

CM20926. *Ceratostoma (Ocenebra) aduncum* (Sowerby), pl.23, fig.5.

Taki, I. and Oyama, K. (1954): continued

CM20928. *Rapana thomasiana* Crosse, pl.23, fig.6. (missing)

CM20932. *Polytropa heyseana* (Dunker), pl.23, fig.7.

CM20934. *Cymatium (Septa ?) tenuiliratum* (Lischke), pl.23, fig.8.

CM20937. *Phalium strigosum* (Gmelin), pl.23, fig.9.

CM20940. *Tonna luteostoma* (Küster), pl.23, fig.10. (missing)

CM20946. *Proterato (Sulcerato) callosa* (Adams et Reeve), pl.23, fig.11, 11a.

CM20948. *Canarium (Labiostrombus) japonicus* [error of *japonicum*](Reeve), pl.23, fig.12.

CM20949. *Cerithium (Proclava) kochi* Philippi, pl.23, fig.13.

CM20955. *Myurella (Pervicacia) latisulcata* (Yokoyama), pl.23, fig.14.

CM20957. *Seila yokoyamai* Cossmann, pl.23, fig.15.

CM20959. *Triphora sematensis* Oyama [nom. nud.], pl.23, fig.16, "Holotype".

CM20961. *Triphora multigyrata* (Yokoyama), pl.25, fig.5, "Monotype" [to be Holotype].

CM20962. *Trichotropis (Iphinoe) unicarinata* (Broderip et Sowerby), pl.33, fig.11. (missing)

CM20964. *Serpuloides imbricata* Dunker, pl.23, fig.17.

CM20965. *Brochina glabella* A. Adams, pl.23, fig.18.

CM20966. *Semisulcospira libertina* (Gould) forma *hidachiensis* Pilsbry, pl.24, fig.1. (missing)

CM20968. *Philippia radiata* (Röding), pl.23, fig.19.

CM20970. *Architectonica yokoyamai* Oyama [nom. nud.], pl.23, fig.20, "Holotype".

CM20972. *Torinista elegantula* (Yokoyama), pl.24, fig.2, "Monotype" [to be Holotype].

CM20973. *Rissoalaba plebeja* (Yokoyama), pl.24, fig.3, "Holotype" [to be Lectotype].

CM20975. *Chrysallida (Salassia) manzakiana* (Yokoyama), pl.24, fig.4, "Holotype" [to be Lectotype].

CM20977. *Eufenella rufocincta* (A. Adams), pl.24, fig.5.

CM20978. *Eufenella rufocincta* (A. Adams), pl.24, fig.6.

CM20980. *Starkeyna sobrina* (A. Adams), pl.24, fig.7.

CM20981. *Sericominolia planorboides* (Yokoyama), pl.24, fig.8, Holotype.

CM20982. *Capulus (Capulus) yokoyamai* Oyama [nom. nud.], pl.24, fig.9,9a.

CM20984. *Crepidula (Crepidula) grandis* Middendorf, pl.24, fig.10.

Taki, I. and Oyama, K. (1954): continued

CM20988. *Polinices (Mamillaria) sagamiensis* (Pilsbry), pl.24, fig.12.

CM20995. *Eunaticina papilla* (Gmelin), pl.25, fig.8.

CM21000. *Mammilla kurodai* (Iw. Taki), pl.24, fig.11.

CM21002. *Epitonium (Depressiscala) auritum* (Sowerby), pl.24, fig.13.

CM21005. *Epitonium (Glabriscala) stigmaticum* (Pilsbry), pl.24, fig.14.

CM21007. *Epitonium (Cinctiscala) sagamiensis* [error of *sagamiense*](Pilsbry), pl.24, fig.15.

CM21011. *Epitonium (Cinctiscala) kazusensis* [error of *kazusense*](Yokoyama), pl.24, fig.16, "Holotype" [to be Lectotype].

CM21013. *Epitonium (Cinctiscala) yamakawai* (Yokoyama), pl.24, fig.17, Holotype.

CM21014. *Epitonium (Acutiscala) conjuncta* [error of *conjunctum*](Yokoyama), pl.24, fig.18, "Holotype" [to be Lectotype].

CM21016. *Epitonium (Mazescala) subfrondicula* [error of *subfrondiculum*] (Yokoyama), pl.24, fig.19, "Monotype" [to be Holotype].

CM21017. *Amaea picturata* (Yokoyama), pl.24, fig.20, "Holotype" [to be Lectotype]. (missing)

CM21018. *Eulima unicincta* (Yokoyama), pl.24, fig.21, "Holotype" [to be Lectotype].

CM21021. *Balcis tokunagai* (Yokoyama), pl.24, fig.22, "Holotype" [to be Lectotype].

CM21024. *Balcis glabroides* (Yokoyama), pl.24, fig.23, "Holotype" [to be Lectotype].

CM21026. *Balcis krishna* (Yokoyama), pl.24, fig.24, "Monotype" [to be Holotype].

CM21027. *Tiberia pulchella* A. Adams, pl.25, fig.6.

CM21031. *Agatha brevis* (Yokoyama), pl.25, fig.3, "Holotype" [to be Lectotype].

CM21037. *Syrnola (Syrnola) cinnamomea* A. Adams, pl.25, fig.2.

CM21038. *Syrnola (Iphiana) mira* (Yokoyama), pl.24, fig.25, "Holotype" [to be Lectotype].

CM21040. *Syrnola (Iphiana) siva* (Yokoyama), pl.24, fig.26, "Monotype" [to be Holotype].

CM21041. *Actaeopyramis eximia* (Lischke), pl.26, fig.1.

CM21047. *Odostomia (Evalea) gordonis* Yokoyama, pl.24, fig.27, Syntype.

CM21053. *Odostomia (Odostomia) shimosensis* Yokoyama, pl.24, fig.28, "Holotype" [to be Lectotype].

CM21056. *Odostomia limpida* Dall et Bartsch, pl.34, fig.1.

Taki, I. and Oyama, K. (1954): continued

CM21058. *Odostomia (Evalea)* n. sp., pl.25, fig.7. (missing)

CM21062. *Odostomia (Odostomia) kizakiensis* Yokoyama, pl.24, fig.29, "Holotype" [to be Lectotype].

CM21063. *Agatha brevis* (Yokoyama), pl.24, fig.30.

CM21067. *Odostomia (Evalea) toneana* Yokoyama, pl.24, fig.31, "Holotype" [to be Lectotype].

CM21070. *Odostomia (Odostomia) suboxia* Yokoyama, pl.24, fig.32, Holotype.

CM21071. *Kleinella neofelix* (Yokoyama), pl.24, fig.33, "Holotype" [to be Lectotype].

CM21072. *Chrysallida (Partulida) marielloides* (Yokoyama), pl.24, fig.34, "Holotype" [to be Lectotype].

CM21074. *Turbonilla (Ptycheulimella) misella* Yokoyama, pl.24, fig.36, "Holotype" [to be Lectotype].

CM21076. *Turbonilla (Turbonilla) imbana* Yokoyama, pl.24, fig.35, "Holotype" [to be Lectotype].

CM21077. *Turbonilla (Paramormula) paucicostulata* Tokunaga, pl.24, fig.37.

CM21080. *Turbonilla (Paramormula) scrobiculata* Yokoyama, pl.24, fig.38, "Holotype" [to be Lectotype].

CM21081. *Turbonilla (Turbonilla) kidoensis* Yokoyama, pl.24, fig.39, Holotype.

CM21082. *Turbonilla (Turbonilla) teganumana* Yokoyama, pl.24, fig.40, "Holotype" [to be Lectotype].

CM21084. *Turbonilla (Turbonilla) sematana* Yokoyama, pl.24, fig.41, Syntype.

CM21086. *Turbonilla (Pyrgolampros) planicostata* Yokoyama, pl.25, fig.11, Holotype.

CM21087. *Turbonilla (Pselliogyra) sagamiana* Yokoyama, pl.25, fig.12, Holotype.

CM21088. *Turbonilla (Strioturbonilla) pacifica* Yokoyama, pl.25, fig.13, Holotype.

CM21089. *Cingulina (Pseudocingulina) triarata* (Pilsbry), pl.25, fig.14.

CM21092. *Ebala (Ebala) obscura* (Yokoyama), pl.25, fig.15, "Monotype" [to be Holotype].

CM21093. *Aclis (?) angulifera* (Yokoyama), pl.25, fig.16, "Holotype" [to be Lectotype].

CM21095. *Turbo (Lunella) coronatus coreensis* Recluz, pl.25, fig.10.

CM21100. *Lirularia (Lirularia) pygmaea* (Yokoyama), pl.25, fig.17, "Holotype" [to be Lectotype].

Taki, I. and Oyama, K. (1954): continued

CM21102. *Leptothyra crassilirata* Yokoyama, pl.25, fig.22, "Holotype" [to be Lectotype].

CM21104. *Calliostoma (Tristichotrochus) aculeatum* Sowerby, pl.25, fig.18.

CM21105. *Pygmaerota* n. sp., pl.25, fig.19.

CM21107. *Lirularia (Conotalopia) ornata* (Sowerby), pl.25, fig.21.

CM21111. *Minolia subangulata* Kuroda et Habe, pl.25, fig.20.

CM21113. *Turcica coreensis* (Pease), pl.25, fig.23.

CM21115. *Calliostoma (Tristichotrochus) consors* (Lischke), pl.25, fig.25.

CM21121. *Cipangopaludina japonica* (v. Martens), pl.25, fig.24.

CM21128. *Mörchinella stillicidiatum* [error of *Moerchinella stillicidiata*] (Yokoyama), pl.25, fig.26, "Monotype" [to be Holotype].

CM21129. *Stomatella lyrata* Pilsbry, pl.26, fig.2.

CM21131. *Macroschisma dilatata* [error of *dilatatum*] A. Adams, pl.26, fig.3.

CM21133. *Puncturella (Puncturella) nobilis* A. Adams, pl.26, fig.4.

CM21135. *Tugali vadososinuata* (Yokoyama), pl.26, fig.5, Syntype.

CM21138. *Dentalium (Antalis) septentrionalis* Kuroda [nom. nud.], pl.26, fig.6.

CM21150. *Dentalium (Fustiaria) nipponicum* Yokoyama, pl.26, fig.7, "Holotype" [to be Lectotype].

CM21154. *Pholadidea (Penitella) kamakurensis* (Yokoyama), pl.26, fig.10, "Holotype" [to be Lectotype].

CM21156. *Panope japonica* A. Adams, pl.26, fig.14.

CM21157. *Panope japonica* A. Adams, pl.26, fig.15.

CM21162. *Caryocorbula (Solidicorbula) erythrodon* (Lamarck), pl.26, fig.8.

CM21163. *Caryocorbula (Solidicorbula) erythrodon* (Lamarck), pl.26, fig.9.

CM21170. *Erodona amurensis* (Schrenck), pl.26, fig.16.

CM21171. *Erodona amurensis* (Schrenck), pl.26, fig.17.

CM21175. *Erodona amurensis* (Schrenck), pl.26, fig.18.

CM21178. *Erodona amurensis* (Schrenck), pl.26, fig.19.

CM21179. *Poromya flexuosa* (Yokoyama), pl.26, fig.20.

CM21181. *Varicorbula yokoyamai* Habe, pl.27, fig.4.

CM21182. *Varicorbula yokoyamai* Habe, pl.27, fig.5.

CM21186. *Varicorbula bifrons* (A. Adams), pl.27, fig.3.

CM21187. *Cryptomya (Cryptomya) busoensis* Yokoyama, pl.27, fig.1, "Paratype" [to be Paralectotype].

Taki, I. and Oyama, K. (1954): continued

CM21188. *Cryptomya (Cryptomya) busoensis* Yokoyama, pl.27, fig.2, "Holotype" [to be Lectotype].

CM21192. *Mactra (Mactra) sulcataria* Reeve, pl.27, fig.6.

CM21201. *Schizothaerus keenae* Kuroda et Habe, pl.27, fig.12.

CM21202. *Schizothaerus keenae* Kuroda et Habe, pl.27, fig.13.

CM21206. *Spisula sachalinensis* (Schrenck), pl.27, fig.7.

CM21207. *Spisula sachalinensis* (Schrenck), pl.27, fig.8.

CM21211. *Spisula sachalinensis* (Schrenck), pl.27, fig.9.

CM21212. *Spisula sachalinensis* (Schrenck), pl.27, fig.10.

CM21216. *Spisula (Mactromeris) voyi* Gabb, pl.28, fig.1.

CM21217. *Spisula (Mactromeris) voyi* Gabb, pl.28, fig.2.

CM21219. *Oxyperas bernardi* (Pilsbry), pl.28, fig.3. (missing)

CM21220. *Oxyperas bernardi* (Pilsbry), pl.28, fig.4.

CM21222. *Raeta (Raetellops) yokohamensis* Pilsbry, pl.28, fig.5.

CM21223. *Raeta (Raetellops) yokohamensis* Pilsbry, pl.28, fig.6. (missing)

CM21228. *Raeta (Raetina) pellicula* (Reeve), pl.29, fig.6.

CM21229. *Raeta (Raetellops) yokohamensis* Pilsbry, pl.28, fig.7.

CM21233. *Raeta (Raetina) pellicula* (Reeve), pl.28, figs.12,13.

CM21235. *Schizothaerus keenae* Kuroda et Habe, pl.28, fig.8.

CM21240. *Lutraria maxima* Jonas, pl.28, fig.9.

CM21241. *Lutraria maxima* Jonas, pl.28, fig.10.

CM21245. *Solen grandis* Dunker, pl.29, fig.1.

CM21248. *Solen krusensterni* Schrenck, pl.29, fig.5.

CM21254. *Siliqua pulchella* Dunker, pl.29, fig.7.

CM21259. *Donax (Latona) cuneatus* Linné, pl.29, fig.8. (missing)

CM21260. *Donax (Latona) cuneatus* Linné, pl.29, fig.9.

CM21261. *Gari (Psammocola) californica* (Conrad), pl.29, fig.4.

CM21263. *Soletellina (Soletellina) atrata* Reeve, pl.29, fig.13. (missing)

CM21264. *Soletellina (Soletellina) atrata* Reeve, pl.29, fig.14.

CM21268. *Soletellina (Nuttalia) olivacea* Jay, pl.27, fig.11.

CM21271. *Soletellina (Nuttalia) olivacea* Jay, pl.29, fig.17.

CM21272. *Fabulina (Moerella) miyatensis* (Yokoyama), pl.29, fig.15.

CM21273. *Fabulina (Moerella) miyatensis* (Yokoyama), pl.29, fig.16. (missing)

Taki, I. and Oyama, K. (1954): continued

CM21275. *Angulus (Peronidia) venulosa* (Schrenck), pl.30, fig.1(left).

CM21276. *Angulus (Peronidia) venulosa* (Schrenck), pl.30, fig.1(right).

CM21281. *Fabulina (Fabulina) nitidula* (Dunker), pl.28, fig.11.

CM21286. *Angulus (Peronidia) venulosa* (Schrenck), pl.30, fig.5. (missing)

CM21287. *Angulus (Peronidia) venulosa* (Schrenck), pl.30, fig.6.

CM21297. *Cadella delta* (Yokoyama), pl.30, fig.8, "Holotype" [to be Lectotype].

CM21298. *Cadella delta* (Yokoyama), pl.30, fig.9, "Paratype" [to be Paralectotype].

CM21299. *Cadella delta* (Yokoyama), pl.30, fig.10, "Paratype" [to be Paralectotype].

CM21304. *Macoma (Macoma) praetexta* (v. Martens), pl.30, fig.2.

CM21305. *Macoma (Macoma) praetexta* (v. Martens), pl.30, fig.3.

CM21314. *Macoma (Macoma) tokyoensis* Makiyama, pl.30, fig.4. (missing)

CM21317. *Macoma (Rexithaerus) sectior* Oyama, pl.31, fig.1.

CM21326. *Dosinia (Dosinorbis) bilunulata* (Gray), pl.30, fig.12.

CM21329. *Lajonkairia divaricata* (Lischke), pl.30, fig.7.

CM21330. *Meretrix meretrix lusoria* (Röding), pl.31, fig.4.

CM21335. *Callista (Callista) chinensis* (Holten), pl.31, fig.5.

CM21341. *Sunetta (Cyclosunetta) menstrualis* (Menke), pl.31, fig.6a,b.

CM21342. *Sunetta (Cyclosunetta) menstrualis* (Menke), pl.31, fig.7.

CM21343. *Sunetta (Cyclosunetta) menstrualis* (Menke), pl.31, fig.8. (missing)

CM21348. *Mercenaria stimpsoni* (Gould), pl.31, fig.11.

CM21349. *Mercenaria stimpsoni* (Gould), pl.31, fig.12. (missing)

CM21357. *Gomphina (Gomphina) neastartoides* (Yokoyama), pl.31, fig.9a,b, "Holotype" [to be Lectotype].

CM21358. *Gomphina (Gomphina) neastartoides* (Yokoyama), pl.31, fig.10, "Paratype" [to be Paralectotype].

CM21366. *Anomalocardia (Veremolpa) minuta* (Yokoyama), pl.31, fig.2.

CM21367. *Anomalocardia (Veremolpa) minuta* (Yokoyama), pl.31, fig.3.

CM21369. *Petricola (Petricolarius) aequistriata* Sowerby, pl.32, fig.1.

CM21370. *Petricola (Petricolarius) aequistriata* Sowerby, pl.32, fig.2. (missing)

CM21375. *Paphia (Paphia) vernicosa* (Gould), pl.32, fig.8.

Taki, I. and Oyama, K. (1954): continued

CM21383. *Saxidomus purpuratus* Sowerby, pl.32, fig.9.

CM21388. *Acrosterigma (Vasticardium) burchardi* (Dunker), pl.32, fig.3.

CM21392. *Fulvia mutica* (Reeve), pl.32, fig.7.

CM21398. *Dinocardium braunsi* (Tokunaga), pl.33, fig.2.

CM21401. *Dinocardium braunsi* (Tokunaga), pl.32, fig.4.

CM21402. *Dinocardium braunsi* (Tokunaga), pl.32, fig.5. (missing)

CM21403. *Dinocardium braunsi* (Tokunaga), pl.32, fig.6.

CM21407. *Mysella japonica* (Yokoyama), pl.29, fig.2, "Holotype" [to be Lectotype]

CM21408. *Mysella japonica* (Yokoyama), pl.29, fig.3, "Paratype" [to be Paralectotype]

CM21412. *Mysella oblongata* (Yokoyama), pl.33, fig.9, "Paratype" [to be Paralectotype].

CM21413. *Mysella oblongata* (Yokoyama), pl.33, fig.10, "Holotype" [to be Lectotype].

CM21415. *Mysella yamakawai* (Yokoyama), pl.29, fig.10, "Holotype" [to be Lectotype].

CM21417. *"Thyasira" trigonata* Yokoyama, pl.29, fig.11, "Holotype" [to be Lectotype].

CM21418. *"Thyasira" trigonata* Yokoyama, pl.29, fig.12, "Paratype" [to be Paralectotype].

CM21419. *Diplodonta (Felaniella) usta* Gould, pl.33, fig.3.

CM21428. *Joannisiella semiasperoides* (Nomura), pl.34, fig.2.

CM21443. *Chama aspersa* Reeve, pl.33, fig.5.

CM21445. *Venericardia (Megacardita) kiiensis cipangoana* Yokoyama, pl.33, fig.4.

CM21454. *Carditella toneana* (Yokoyama), pl.33, fig.6, "Holotype" [to be Lectotype]. (missing)

CM21455. *Carditella toneana* (Yokoyama), pl.33, fig.7, "Paratype" [to be Paralectotype]. (missing)

CM21458. *Astarte (Tridonta) borealis* Schumacher, pl.30, fig.11a,b. (missing)

CM21461. *Crassatella (Crassatella) nanus* (Adams et Reeve), pl.33, fig.8.

CM21463. *Corbicula (Corbicula) japonica* Prime, pl.33, fig.14. (missing)

CM21464. *Corbicula (Corbicula) japonica* Prime, pl.33, fig.15.

CM21468. *Corbicula (Corbicula) japonica* Prime, pl.33, fig.18.

CM21469. *Corbicula (Corbicula) japonica* Prime, pl.33, fig.19.

Taki, I. and Oyama, K. (1954): continued

CM21472. *Trapezium (Neotrapezium) japonicum* Pilsbry, pl.34, fig.5.

CM21473. *Hiatella orientalis* (Yokoyama), pl.26, fig.12.

CM21474. *Hiatella orientalis* (Yokoyama), pl.26, fig.13.

CM21475. *Trapezium (Neotrapezium) nipponicum* Yokoyama, pl.33, fig.17. "Holotype" [to be Lectotype].

CM21477. *Trapezium (Eotrapezium* [error of *Neotrapezium*]) *nipponicum* Yokoyama, pl.33, fig.1a,b.

CM21478. *Trapezium (Neotrapezium) nipponicum* Yokoyama, pl.33, fig.16.

CM21479. *Cuspidaria (Plectodon) ligula* Yokoyama, pl.34, fig.3, "Holotype" [to be Lectotype].

CM21480. *Cuspidaria (Plectodon) ligula* Yokoyama, pl.34, fig.4, "Paratype" [to be Paralectotype].

CM21482. *Lyonsia praetenuis* Dunker, pl.34, fig.9.

CM21483. *Lyonsia praetenuis* Dunker, pl.34, fig.10.

CM21485. *Entodesma naviculoides* Yokoyama, pl.26, fig.11, "Monotype" [to be Holotype].

CM21486. *Myadora japonica* Habe, pl.34, fig.6.

CM21487. *Myadora japonica* Habe, pl.34, fig.7.

CM21493. *Myadora ikebei* Habe, pl.34, fig.8,8a. (missing)

CM21494. *Myadora ikebei* Habe, pl.34, fig.11,11a.

CM21498. *Cyathodonta (Eximiothracia) concinna* (Gould), pl.34, fig.12,12a. (missing)

CM21501. *Thraciopsis transmontana* (Yokoyama), pl.34, fig.13,13a, "Holotype" [to be Lectotype].

CM21502. *Thraciopsis transmontana* (Yokoyama), pl.34, fig.14, "Paratype" [to be Paralectotype].

CM21507. *Parvithracia sematana* (Yokoyama), pl.34, fig.17,17a, "Holotype" [to be Lectotype]. (missing)

CM21508. *Parvithracia sematana* (Yokoyama), pl.34, fig.18, "Paratype" [to be Paralectotype].

CM21510. *Poromya (Poromya) flexuosa* Yokoyama, pl.34, fig.15,15a, "Holotype" [to be Lectotype].

CM21511. *Poromya (Poromya) flexuosa* Yokoyama, pl.34, fig.16, "Paratype" [to be Paralectotype].

CM21513. *Volsella (Volsella) compta* (Sowerby), pl.34, fig.19.

CM21517. *Lithophaga* sp. indet., pl.37, fig.14.

CM21519. *Crenella yokoyamai* Nomura, pl.35, fig.10.

Taki, I. and Oyama, K. (1954): continued

CM21520. *Crenella yokoyamai* Nomura, pl.35, fig.11.

CM21528. *Monia radiata* (Sowerby), pl.34, figs.22,23.

CM21532. *Monia radiata* (Sowerby), pl.34, fig.20.

CM21533. *Monia radiata* (Sowerby), pl.34, fig.21.

CM21544. *Lima (Lima) vulgatula* Yokoyama, pl.37, fig.18, "Paratype" [to be Paralectotype].

CM21545. *Lima (Lima) vulgatula* Yokoyama, pl.37, fig.19, "Holotype" [to be Lectotype].

CM21547. *Spondylus cruentus* Lischke, pl.34, fig.24.

CM21548. *Plicatula simplex* Gould, pl.34, fig.25.

CM21553. *Chlamys (Chlamys) nipponensis* Kuroda, pl.34, fig.26(right).

CM21554. *Chlamys (Chlamys) nipponensis* Kuroda, pl.34, fig.26(left).

CM21555. *Decatopecten (Decatopecten) striatus* (Schumacher), pl.35, fig.3.

CM21561. *Aequipecten (Cryptopecten) sematensis* Oyama [nom. nud.], pl.35, fig.1, "Holotype".

CM21562. *Aequipecten (Cryptopecten) sematensis* Oyama [nom. nud.], pl.35, fig.2, "Paratype" (missing)

CM21571. *Pecten (Notovola) albicans* (Schröter), pl.35, fig.6.

CM21572. *Pecten (Notovola) albicans* (Schröter), pl.35, fig.7. (missing)

CM21573. *Polynemamussium intuscostatum* (Yokoyama), pl.37, fig.15. (missing)

CM21583. *Ostrea (Notostrea) musashiana* Yokoyama, pl.35, fig.5.

CM21587. *Atrina (Servatrina) pectinata japonica* (Reeve), pl.35, fig.8.

CM21591. *Anadara (Tegillarca) granosa* (Linné) var., pl.35, fig.4.

CM21596. *Anadara (Scapharca) broughtoni* (Schrenck), pl.35, fig.9.

CM21602. *Anadara (Scapharca) subcrenata* (Lischke), pl.35, fig.12.

CM21610. *Glycymeris (Glycymeris) vestita* (Dunker), pl.37, fig.1.

CM21611. *Glycymeris (Glycymeris) vestita* (Dunker), pl.37, fig.2.

CM21612. *Glycymeris (Glycymeris) vestita* (Dunker), pl.37, fig.3.

CM21614. *Glycymeris (Glycymeris) vestita* (Dunker), pl.36, fig.1.

CM21615. *Glycymeris (Glycymeris) vestita* (Dunker), pl.36, fig.2.

CM21616. *Glycymeris (Glycymeris) vestita* (Dunker), pl.36, fig.3.

CM21621. *Glycymeris (Glycymeris) yessoensis* Sowerby, pl.36, fig.6.

CM21622. *Glycymeris (Glycymeris) yessoensis* Sowerby, pl.36, fig.7. (missing)

Taki, I. and Oyama, K. (1954): continued

CM21628. *Glycymeris (Tucetilla) pilsbryi* (Yokoyama), pl.36, fig.8.

CM21629. *Glycymeris (Tucetilla) pilsbryi* (Yokoyama), pl.36, fig.9.

CM21631. *Glycymeris (Glycymeris) rotunda* (Dunker)(forma *yamakawai* Yokoyama), pl.36, fig.4, "Holotype" [to be Lectotype].

CM21632. *Glycymeris (Glycymeris) rotunda* (Dunker)(forma *yamakawai* Yokoyama), pl.36, fig.5, "Paratype" [to be Paralectotype].

CM21634. *Pseudogrammatodon obliquatus* (Yokoyama), pl.37, fig.8.

CM21635. *Pseudogrammatodon obliquatus* (Yokoyama), pl.37, fig.9.

CM21637. *Limopsis (Oblimopa) forskalii* A. Adams, pl.37, fig.5. (missing)

CM21643. *Limopsis (Empleconia) cumingii* A. Adams, pl.37, fig.6.

CM21644. *Limopsis (Empleconia) cumingii* A. Adams, pl.37, fig.7.

CM21646. *Limopsis (Nipponolimopsis) nipponica* Yokoyama, pl.37, fig.16, "Paratype" [to be Paralectotype].

CM21647. *Limopsis (Nipponolimopsis) nipponica* Yokoyama, pl.37, fig.17, "Holotype" [to be Lectotype].

CM21650. *Saccella confusa* (Hanley), pl.37, fig.4. (missing)

CM21654. *Yoldia (Cnesterium) notabilis* Yokoyama, pl.37, fig.10, Syntype. (missing)

CB21661. *Coptothyris grayi* (Davidson), pl.37, fig.11.

CB21662. *Coptothyris grayi* (Davidson), pl.37, fig.12.

CB21664. *Hemithyris psittacea woodwardi* A. Adams, pl.37, fig.13. (missing)

CM21722. *Dosinia (Dosinorbis) bilunulata* (Gray), pl.30, fig.13.

CM21726. *Mammilla kurodai* (Iw. Taki), pl.25, fig.9.

CM21806. *Retusa lineolata* Yokoyama, pl.38, fig.6, "Monotype" [to be Holotype].

CM21807. *Philbertia leuckarti* (Dunker), pl.42, fig.15.

CM21809. *Pisania (Japeuthria) ferrea* (Reeve), pl.42, fig.17.

CM21814. *Zafra sinensis* (Sowerby), pl.38, fig.1.

CM21815. *Engina menkeana* (Dunker), pl.38, fig.3.

CM21816. *Ergalatax contractus* (Reeve), pl.38, fig.2. (missing)

CM21818. *Purpura (Mancinella) siro* (Kuroda), pl.38, fig.4.

CM21820. *Drupa (Morula) biconica* (Blainville), pl.38, fig.10.

CM21822. *Leptoconchus striatus* Ruppel, pl.38, fig.5.

CM21823 [= CM22012]. *Cymatium (Monoplex) echo* Kuroda et Habe, pl.38, fig.16.

Taki, I. and Oyama, K. (1954): continued

CM21825. *Colubraria castanea* Kuroda et Habe, pl.38, fig.9.

CM21827. *Cypraea (Lyncina) vitellus vitellus* Linné, pl.38, fig.11.

CM21828. *Erronea (Palmadusta) japonica* (Schilder), pl.39, fig.1.

CM21832. *Bittium acutangulum* Yokoyama, pl.38, fig.7, "Monotype" [to be Holotype].

CM21834. *Bittium alutaceum* Gould, pl.38, fig.13.

CM21836. *Batillaria (Batillaria) zonalis* (Bruguière), pl.42, fig.18.

CM21838. *Bittium alutaceum* Gould, pl.38, fig.8.

CM21840. *Cyrbasia (Joculator) pulviformis* (Yokoyama), pl.38, fig.15, "Monotype" [to be Holotype].

CM21841. *Bittium glareosum* Gould, pl.38, fig.23.

CM21844. *Triphora* sp., pl.42, fig.14.

CW21849. *Spirorbis tricarinatus* (Yokoyama), pl.38, fig.14,14a, Holotype. (missing)

CW21850. *Pomatoceros* sp., pl.38, fig.17,17a.

CW21851. *Hydroides reticulatus* (Yokoyama), pl.38, fig.18,18a, "Holotype" [to be Lectotype].

CW21852. *Hydroides reticulatus* (Yokoyama), pl.38, fig.19, "Paratype" [to be Paralectotype].

CM21855. *Vermetus annulatus* Yokoyama, pl.39, fig.2, "Monotype" [to be Holotype].

CM21856. *Diala (Diala) varia* A. Adams, pl.38, fig.20.

CM21858. *Alvania concinna* A. Adams, pl.42, fig.11.

CM21860. *Rissoina (Phosinella) media awana* Yokoyama, pl.42, fig.10.

CM21862. *Eufenella pupoides* (A. Adams) var., pl.42, fig.9.

CM21864. *Clathrofenella yamakawai* (Yokoyama), pl.38, fig.24, "Holotype" [to be Lectotype].

CM21866. *Clathrofenella shinonis* (Yokoyama), pl.38, fig.25, "Holotype" [to be Lectotype].

CM21868. *Clathrofenella reticulata longa* Oyama [nom. nud.], pl.38, fig.26.

CM21869. *Clathrofenella kenonis* (Yokoyama), pl.38, fig.27, "Holotype" [to be Lectotype].

CM21871. *Crepidula (Crepidula) gravispinosa* Kuroda et Habe, pl.38, fig. 12a,b.

CM21873. *Eulima hojoensis* Yokoyama, pl.38, fig.21, "Monotype" [to be Holotype].

CM21874. *Miralda (Miralda) gemma* (A. Adams), pl.42, fig.16.

Taki, I. and Oyama, K. (1954): continued

CM21877. *Turbonilla (Turbonilla) humilis* Yokoyama, pl.39, fig.3, "Monotype" [to be Holotype].

CM21878. *Nerita (Theliostyla) albicilla* Linné, pl.39, fig.6.

CM21879. *Turbo (Batillus) cornutus* Solander, pl.38, fig.22.

CM21881. *Astraea (Calcar) haematraga* (Menke), pl.39, fig.7.

CM21882. *Neocollonia pilula* (Dunker), pl.42, fig.20.

CM21883. *Clanculus (Euclanculus) microdon ater* Pilsbry, pl.39, fig.5.

CM21885. *Clanculus (Clanculus) (margaritarius* var. ?) *gordonis* Yokoyama, pl.39, fig.4, "Monotype" [to be Holotype].

CM21886. *Monodonta (Monodonta) "chinensis* Beck", pl.39, fig.8.

CM21891. *Scissurella (Scissurella) staminea* (A. Adams), pl.42, fig.21.

CM21893. *Diodora quadriradiata* (Reeve) var., pl.39, fig.9.

CM21895. *Clypidina (Montfortula) picta* (Dunker), pl.39, fig.10.

CM21898. *Martesia cupula* (Yokoyama), pl.39, fig.15, "Monotype" [to be Holotype].

CM21899. *Zirphaea subconstricta* (Yokoyama), pl.39, fig.13, "Monotype" [to be Syntype].

CM21901. *Jouannetia (Jouannetia) cumingii* (Sowerby), pl.39, fig.14.

CM21903. *Zirphaea subconstricta* (Yokoyama), pl.39, fig.11.

CM21905. *Anisodonta (Fulcrella) gouldi* (A. Adams), pl.40, fig.2.

CM21906. *Anisodonta (Fulcrella) gouldi* (A. Adams), pl.40, fig.3.

CM21908. *Semele carnicolor* (Hanley), pl.39, fig.17.

CM21910. *Fabulina (Fabulina) minuta* (Lischke), pl.42, fig.23.

CM21912. *Arcopagia (Punipagia) radiato-lineata* (Yokoyama), pl.39, fig.18, Syntype.

CM21913. *Arcopagia (Punipagia) radiato-lineata* (Yokoyama), pl.39, fig.19, Syntype.

CM21916. *Hiatella awana* (Yokoyama), pl.39, fig.12, pl.40, fig.1, Holotype.

CM21918. *Pitar (Pitarina) limatula* (Sowerby), pl.39, fig.16.

CM21920. *Pitar (Pitarina) lineolata* (Sowerby), pl.39, fig.21. (missing)

CM21922. *Protothaca (Protothaca) jedoensis* (Lischke), pl.39, fig.20.

CM21924. *Venus (Venus) toreuma* Gould, pl.39, fig.22.

CM21925. *Irus ishibashianus* Kuroda et Habe, pl.39, fig.23.

CM21927. *Irus ishibashianus* Kuroda et Habe, pl.40, fig.4.

Taki, I. and Oyama, K. (1954): continued

CM21930. *Scintilla solidula* Deshayes, pl.42, fig.22.

CM21932. *"Nesobornia" nipponica* (Yokoyama), pl.41, fig.1, "Monotype" [to be Holotype].

CM21933. *"Nesobornia" trigonalis* (Yokoyama), pl.41, fig.2, "Monotype" [to be Holotype]. (missing)

CM21934. *Byssobornia striatissima* (Sowerby), pl.41, fig.3.

CM21935. *Byssobornia striatissima* (Sowerby), pl.41, fig.4.

CM21937. *Melliteryx puncticulata* (Yokoyama), pl.41, figs.8,8a,9, "Holotype" and "Paratype" [to be Holotype].

CM21942. *Ctena delicatula* (Pilsbry), pl.40, fig.8.

CM21945. *Chama (Pseudochama) retroversa* Lischke, pl.40, fig.7a-c. (missing)

CM21947. *Cardita leana* Dunker, pl.40, fig.12.

CM21949. *Coralliophaga coralliophaga* (Gmelin), pl.40, fig.9.

CM21952. *Septifer bilocularis pilosus* (Reeve), pl.40, fig.10.

CM21954. *Lithophaga (Leiosolenus) lima* Lamy, pl.40, fig.11.

CM21956. *Volsella (Volsella) nipponica* Oyama, pl.40, fig.14.

CM21957. *Ctenoides lischkei* (Lamy), pl.42, fig.19.

CM21959. *Lima (Lima) sowerbyi sowerbyi* Deshayes, pl.40, fig.13.

CM21961. *Spondylus cruentus* Lischke, pl.42, fig.12.

CM21963. *Plicatula horrida* Dunker, pl.41, fig.5.

CM21964. *Plicatula horrida* Dunker, pl.41, fig.6.

CM21967. *Aequipecten (Excellichlamys) spectabilis* (Reeve), pl.41, fig.7.

CM21968. *Decatopecten (Decatopecten) striatus* Schumacher, pl.41, fig.11.

CM21970. *Chlamys (Comptopallium) quadrilirata* (Lischke), pl.41, fig.10.

CM21972. *Lopha (Dendostraea) folium* (Linné), pl.41, fig.12.

CM21973. *Lopha (Dendostraea) folium* (Linné), pl.41, fig.13.

CM21976. *Lopha (Dendostraea) crenulifera* Reeve, pl.42, fig.1.

CM21977. *Lopha (Dendostraea) crenulifera* Reeve, pl.42, fig.2.

CM21978. *Lopha (Dendostraea) crenulifera* Reeve, pl.42, fig.3.

CM21979. *Lopha (Dendostraea) crenulifera* Reeve, pl.42, fig.4.

CM21981 [= CM22007]. *Isognomon marsupialis* (Röding), pl.42, fig.8.

CM21985. *Barbatia (Barbatia) stearnsii* (Pilsbry), pl.40, fig.5.

CM21986. *Barbatia (Barbatia) stearnsii* (Pilsbry), pl.40, fig.6.

Taki, I. and Oyama, K. (1954): continued

CM21989. *Striarca (Didimacar) tenebrica* (Reeve), pl.42, fig.7.

CM21991. *Acar plicata* (Dillwyn), pl.42, fig.6.

CM21993. *Barbatia (Barbatia) bicolorata* (Dillwyn), pl.42, fig.13.

CM21996. *Arca arabica* Philippi, pl.42, fig.5.

CC22004. *Orbicella* sp., pl.1, fig.1. (missing)

CC22005. *Orbicella* sp., pl.1, fig.2.

CC22006. *Acropora* sp., pl.1, fig.3.

CM22007 [= CM21981]. *Isognomon marsupiale* (Röding), pl.1, fig.4.

CM22008. *Cypraea (Lyncina) vitellus vitellus* Linné, pl.1, fig.5. (missing)

CM22009. *Pitar (Pitarina) limatula* (Sowerby), pl.1, fig.6. (missing)

CM22010. *Colubraria casstanea* Kuroda et Habe, pl.1, fig.7.

CM22011. *Barbatia (Barbatia) bicolorata* (Dillwyn), pl.1, fig.8.

CM22012 [= CM21823]. *Cymatium (Monoplex) echo* Kuroda et Habe, pl.1, fig.9.

CM23599. *Acteon nipponensis* Yamakawa, pl.43, fig.1. (missing)

CM23607. *Decorifer globosus* (Yamakawa), pl.43, fig.2.

CM23608. *Decorifer insignis* (Pilsbry), pl.43, fig.3.

CM23614. *Phenacovolvula artiaperta* (Yamakawa), pl.43, fig.4.

CM23625. *Philine japonica* Lischke, pl.43, fig.5.

CM23626. *Yokoyamaia argentata* (Gould), pl.43, fig.6.

CM23636. *Myurella (Strioterebrum)* sp., pl.43, fig.9.

CM23639. *Myurella (Strioterebrum) bathyrahphe* (E. A. Smith), pl.43, fig.8.

CM23643. *Polystria leucotropis* (Adams et Reeve), pl.43, fig.7.

CM23655. *Pseudoetrema fortilirata* (E. A. Smith), pl.43, fig.20. (missing)

CM23670. *Guraleus tabatensis* (Tokunaga), pl.43, fig.11. (missing)

CM23672. *Guraleus parva* (Tokunaga), pl.43, fig.12.

CM23674. *Paraclathurella gracilenta* (Reeve), pl.43, fig.13.

CM23683. *Fusinus perplexus* (A. Adams), pl.43, fig.14.

CM23685. *Fusinus tuberosus tuberosus* (Reeve), pl.43, fig.21.

CM23726. *Zafra pumila* (Dunker), pl.43, fig.10.

CM23735. *Charonia sauliae* (Reeve), pl.44, fig.25. (missing)

CM23741. *Trivirostra edgari* (Shaw), pl.43, fig.22.

CW23754. *Hydroides defrenatus* (Yokoyama), pl.43, fig.18, "Holotype" [to be Lectotype].

Taki, I. and Oyama, K. (1954): continued

CW23755. *Hydroides defrenatus* (Yokoyama), pl.43, fig.19, "Paratype" [to be Paralectotype].

CM23758. *"Vermetus" ebaranus* Yokoyama, pl.43, fig.15, "Holotype" [to be Lectotype].

CM23759. *"Vermetus" ebaranus* Yokoyama, pl.43, fig.16, "Paratype" [to be Paralectotype].

CM23760. *"Vermetus" ebaranus* Yokoyama, pl.43, fig.17, "Paratype" [to be Paralectotype].

CM23762. *Diala vitrea* Sowerby, pl.43, fig.26. (missing)

CM23764. *Diala (Diala) varia* A. Adams, pl.43, fig.24.

CM23766. *Putilla paludinoides* (Yokoyama), pl.43, fig.23, "Holotype" [to be Lectotype]. (missing)

CM23768. *Sinusicola yendoi* (Yokoyama), pl.43, fig.27, "Monotype" [to be Holotype].

CM23769. *Ebala (Ebala) pagodula* (Yokoyama), pl.43, fig.28, "Monotype" [to be Holotype].

CM23774. *Merelina tokunagai* (Yokoyama), pl.43, fig.25, "Holotype" [to be Lectotype]. (missing)

CM23795. *Epitonium* sp., pl.44, fig.5.

CM23796. *Epitonium (Papyriscala) yokoyamai* Suzuki et Ichimura, pl.44, fig.2, "Holotype" [to be Syntype]. (missing)

CM23797. *Epitonium (Turbuniscala) replicatum* (Sowerby), pl.44, fig.1.

CM23798. *Amaea ojiensis* (Yokoyama), pl.44, fig.3, "Holotype" [to be Lectotype]. (missing)

CM23800. *Nodiscala rissoinaeformis* (Yokoyama), pl.44, fig.4, "Holotype" [to be Lectotype].

CM23802. *Balcis shibana* (Yokoyama), pl.44, fig.8, "Holotype" [to be Lectotype].

CM23813. *Tiberia fasciata* (Dunker), pl.44, fig.6.

CM23816. *Syrnola (Syrnola) toshimana* (Yokoyama), pl.44, fig.9, "Holotype" [to be Lectotype].

CM23818. *Syrnola (Hoonsyrnola) inturbida* (Yokoyama), pl.44, fig.7, "Holotype" [to be Lectotype].

CM23831. *Odostomia (Odostomia) fujitanii* Yokoyama, pl.44, fig.15, "Holotype" [to be Lectotype].

CM23833. *Odostomia (Odostomia) optata* Yokoyama, pl.44, fig.11, "Monotype" [to be Holotype].

CM23836. *Turbonilla (Asmunda) affectuosa* (Yokoyama), pl.44, fig.10, "Monotype" [to be Holotype].

Taki, I. and Oyama, K. (1954): continued

CM23838. *Actaeopyramis lectissimoides* (Yokoyama), pl.44, fig.12, "Monotype" [to be Syntype].

CM23840. *Kleinella amicalis* (Yokoyama), pl.44, fig.18, "Monotype" [to be Syntype].

CM23842. *Miralda (Evalina) nishiana* (Yokoyama), pl.44, fig.14, "Monotype" [to be Holotype].

CM23843. *Chrysallida (Besla) bicinctella* (Yokoyama), pl.44, fig.17, "Holotype" [to be Lectotype].

CM23845. *Chrysallida (Chrysallida) shibana* Yokoyama, pl.44, fig.13, "Holotype" [to be Lectotype].

CM23848. *Turbonilla (Turbonilla) pseudocura* Nomura, pl.44, fig.21. (missing)

CM23850. *Turbonilla (Turbonilla) multigyrata* Dunker, pl.44, fig.20.

CM23852. *Turbonilla (Turbonilla) keiskeana* Yokoyama, pl.44, fig.19, "Monotype" [to be Holotype].

CM23853. *Turbonilla (Turbonilla) edoensis* Yokoyama, pl.44, fig.24, "Monotype" [to be Holotype].

CM23856. *Turbonilla (Paramormula) semicolorata* Yokoyama, pl.44, fig.22, "Holotype" [to be Lectotype].

CM23862. *Syrnola (Syrnola) kurumana* (Yokoyama), pl.44, fig.16, "Monotype" [to be Holotype].

CM23863. *Turbonilla (Pyrgolampros) subplanicostata* Yokoyama, pl.44, fig. 23, "Monotype" [to be Syntype].

CM23865. *Turbonilla (Dunkeria) shigeyasui* Yokoyama, pl.44, fig.26, "Holotype" [to be Lectotype]. (missing)

CM23875. *Gibbula (Enida) japonica* (A. Adams), pl.45, fig.1.

CM23877. *Umbonium (Suchium) costatum* (Kiener), pl.44, fig.27.

CM23889. *Chamalycaeus (Metalycaeus) melanopoma* (Pilsbry), pl.45, fig.5.

CM23892. *Collisella (Astracmea) heroldi* (Dunker), pl.45, fig.4. (missing)

CM23901. *Dentalium (Graptacme) buccinulum* Gould, pl.45, fig.7.

CM23906. *Dentalium (Laevidentalium) yamakawai* Yokoyama, pl.45, fig.6, "Holotype" [to be Lectotype]. (missing)

CM23909. *Martesia cupula* (Yokoyama), pl.45, fig.2.

CM23910. *Martesia cupula* (Yokoyama), pl.45, fig.3.

CM23925. *Cardilia semisulcata* Lamarck, pl.45, fig.16.

CM23944. *Lutraria sieboldi* Reeve, pl.46, fig.8.

CM23945. *Lutraria sieboldi* Reeve, pl.46, fig.9.

Taki, I. and Oyama, K. (1954): continued

CM23957. *Theora (Endopleura) lubrica* Gould, pl.45, fig.11.

CM23958. *Theora (Endopleura) lubrica* Gould, pl.45, fig.12.

CM24001. *Erycina crassa* (Yokoyama), pl.45, fig.13. (missing)

CM24002. *Microcirce gordonis* (Yokoyama), pl.45, fig.14, "Holotype" [to be Lectotype].

CM24007. *Protothaca (Callithaca) adamsi* (Reeve), pl.47, fig.3.

CM24008. *Protothaca (Callithaca) adamsi* (Reeve), pl.47, fig.4.

CM24040. *Afrocardium ebaranum* (Yokoyama), pl.45, fig.15, "Holotype" [to be Lectotype].

CM24042. *Kellia subelliptica* (Yokoyama), pl.45, fig.9, "Holotype" [to be Lectotype]. (missing)

CM24043. *Kellia subelliptica* (Yokoyama), pl.45, fig.10, "Paratype" [to be Paralectotype].

CM24045. *Kellia fujitaniana* Yokoyama, pl.45, fig.17, "Holotype" [to be Lectotype]. (missing)

CM24046. *Kellia fujitaniana* Yokoyama, pl.45, fig.18, "Paratype' [to be Paralectotype]. (missing)

CM24048. *Kellia "pumila* S. Wood", pl.46, fig.1.

CM24049. *Kellia "pumila* S. Wood", pl.46, fig.2.

CM24050. *Alvenius ojianus* (Yokoyama), pl.47, fig.7, "Holotype" [to be Lectotype]. (missing)

CM24051. *Alvenius ojianus* (Yokoyama), pl.47, fig.8, "Paratype" [to be Paralectotype]. (missing)

CM24059. *Mysella subtruncata* (Yokoyama), pl.45, fig.8, "Monotype" [to be Holotype].

CM24060. *Erycina crassa* (Yokoyama), pl.46, fig.4, "Holotype" [to be Lectotype].

CM24061. *Erycina crassa* (Yokoyama), pl.46, fig.5, "Paratype" [to be Paralectotype].

CM24063. *Thyasira (Thyasira) tokunagai* Kuroda et Habe, pl.47, fig.9.

CM24069. *Joannisiella lunaris* (Yokoyama), pl.47, fig.5, "Paratype" [to be Paralectotype].

CM24070. *Joannisiella lunaris* (Yokoyama), pl.47, fig.6, "Holotype" [to be Lectotype].

CM24080. *Lucina (Lucina) stearnsiana* Oyama, pl.47, fig.1.

CM24081. *Lucina (Lucina) stearnsiana* Oyama, pl.47, fig.2.

CM24088. *Crassatellites (Crassatellites) nanus* (Adams et Reeve), pl.46, fig.11. (missing)

Taki, I. and Oyama, K. (1954): continued

CM24096. *Cuspidaria (Cardiomya) gouldiana septentrionalis* Kuroda, pl.46, fig.7.

CM24107. *Brachidontes (Arcuatula) senhousia* (Benson), pl.46, fig.6. (missing)

CM24111. *Solamen diaphana* (Dall), pl.46, fig.3.

CM24172. *Solemya (Acharax) japonica* Dunker, pl.47, fig.10. (missing)

CB24176. *Lingula rostrum* Shaw, pl.46, fig.10. (missing)

CM24187. *Acteocina (Didontoglossa) koyasensis* (Yokoyama), pl.48, fig.1, "Monotype" [to be Holotype].

CM24188. *Acteocina (Acteocina) dulcis* (Yokoyama), pl.48, fig.2, "Monotype" [to be Holotype].

CM24190. *Decorifer gordonis* (Yokoyama), pl.48, fig.3, "Monotype" [to be Holotype].

CM24191. *Retusa (Retusa) cucurbitina* Yokoyama, pl.48, fig.4, "Monotype" [to be Holotype].

CM24282. *Cerithium (Proclava) kochi* (Philippi), pl.48, fig.7.

CW24286. *Spirorbis perplanorbis* (Yokoyama), pl.48, fig.14, Holotype.

CM24287. *Littorinopsis (Littorinopsis) intermedia* (Philippi), pl.48, fig.8.

CM24288. *Assiminea (Assiminea) japonica* Martens, pl.48, fig.9. (missing)

CM24291. *Eufenella ichikawensis* (Yokoyama), pl.48, fig.5, "Holotype" [to be Lectotype]. (missing)

CM24293. *Stenothyra edogawensis* (Yokoyama), pl.48, fig.13, "Monotype" [to be Holotype]. (missing)

CM24301. *Eufenella pupoides* (A. Adams), pl.48, fig.11. (missing)

CM24302. *Eufenella pupoides* (A. Adams), pl.48, fig.12.

CM24320. *Eulima (Eulima) ozawai* Yokoyama, pl.48, fig.15, "Monotype" [to be Holotype].

CM24330. *Odostomia (Megastomia) rusticella* Yokoyama, pl.48, fig.10, "Monotype" [to be Holotype].

CM24331. *Cingulina (Cingulina) cingulata* (Dunker) var., pl.48, fig.6.

CM24336. *Sinusicola filiola* (Yokoyama), pl.48, fig.16, "Monotype" [to be Holotype].

CM24356. *Martesia cupula* (Yokoyama), pl.49, fig.1.

CM24357. *Teredo* sp., pl.49, fig.2. (missing)

CM24367. *Cryptomya (Venatomya) tachibanensis* Yokoyama, pl.49, fig.5, "Holotype" [to be Lectotype].

Taki, I. and Oyama, K. (1954): continued

CM24380. *Solen gouldi* Conrad, pl.48, fig.17.

CM24383. *Donax (Chion) kiusiuensis* Pilsbry, pl.49, fig.6. (missing)

CM24394. *Fabulina (Moerella) peitaihoensis* (Grabau et King), pl.49, fig.8.

CM24427. *Chione (Veremolpa) micra* Pilsbry, pl.49, fig.9.

CM24428. *Chione (Veremolpa) micra* Pilsbry, pl.49, fig.10.

CM24435. *Gomphina (Macridiscus) veneriformis* (Lamarck), pl.49, fig.12.

CM24452. *Thyasira (Conchocele)(bisecta* var. ?) *disjuncta* Gabb, pl.49, fig.11.

CM24453. *Thyasira (Thyasira) tokunagai* Kuroda et Habe, pl.49, fig.3.

CM24513. *Fabulina (Moerella) peitaihoensis* (Grabau et King), pl.49, fig. 7. (missing)

CM24514. *Thyasira (Thyasira) tokunagai* Kuroda et Habe, pl.49, fig.4.

CM24532. *Trophon (Austrotrophon) candelabrum* Reeve, pl.7, fig.13. (missing)

CM24533. *Trophon (Austrotrophon) candelabrum* Reeve, pl.7, fig.14. (missing)

CM24534. *Trophon (Bathymurex) echinus* Dall, pl.4, fig.22a,b.

CM24535. *Trophon (Bathymurex) echinus* Dall, pl.4, fig.23. (missing)

CM24536. *Trophon (Bathymurex) echinus* Dall, pl.4, fig.24.

CM24537. *Trophon (Bathymurex) echinus* Dall, pl.4, fig.25. (missing)

CM24538. *Trophon (Bathymurex) echinus* Dall, pl.4, fig.26. (missing)

CM24539. *Dentalium (Paradentalium) octangulatum hexagonum* Gould, pl.7, fig.23. (missing)

CM24540. *Dentalium (Paradentalium) octangulatum* Donovan, pl.7, fig.24. (missing)

CM24541. *Cardita leana* Dunker, pl.12, fig.1. (missing)

CM24542. *Chlamys (Chlamys) squamata* (Gmelin), pl.15, fig.3. (missing)

CM24543. *Striarca (Galactella) yokoyamai* (Nomura), pl.18, fig.7. (missing)

CM24544. *Limopsis (Nipponolimopsis) azumana* Yokoyama, pl.19, fig.19. (missing)

CM24545. *Limopsis (Nipponolimopsis) azumana* Yokoyama, pl.19, fig.20. (missing)

CM24546. *Limopsis (Nipponolimopsis) azumana* Yokoyama, pl.19, fig.21. (missing)

Tokunaga [formerly Yoshiwara], S. (1903): On the fossil Echinoids of Japan. *Jour. Coll. Sci., Imp. Univ. Tokyo,* vol.17, art.12, pp.1-27, pls.1-4.

CE13360. *Salenia (Pleurosalenia) hakkaidoensis* P. de Loriol, p.4, pl.2, fig.1. (missing)

RE13364. *Fibularia acuta* Yoshiwara, p.7, pl.2, figs.5,6. (missing)

CE13377. *Echinarachnius parma* (Lamarck), p.12, pl.3, fig.2. (missing)

CE13378. *Echinodiscus formosus* Yoshiwara, p.14, pl.1, fig.1; Pl.2, fig.2, Syntype.

CE13379. *Echinodiscus formosus* Yoshiwara, p.14, pl.1, fig.2, Syntype.

CE13381. *Astriclypeus integer* Yoshiwara, p.15, pl.1, fig.3, Syntype. (missing)

CE13382. *Astriclypeus integer* Yoshiwara, p.15, pl.1, fig.4, Syntype. (missing)

CE13383. *Astriclypeus integer* Yoshiwara, p.15, pl.2, fig.3, Syntype. (missing)

CE13384. *Astriclypeus integer* Yoshiwara, p.15, pl.2, fig.4, Syntype. (missing)

CE13387. *Linthia nipponica* Yoshiwara, p.18, pl.1, fig.5, Syntype. (missing)

CE13388. *Linthia nipponica* Yoshiwara, p.18, pl.1, fig.6, Syntype. (missing)

CE13389. *Linthia nipponica* Yoshiwara, p.18, pl.1, fig.7, Syntype. (missing)

CE13390. *Linthia nipponica* Yoshiwara, p.18, pl.3, fig.1, Syntype. (missing)

CE13393. *Schizaster recticanalis* Yoshiwara, p.20, pl.4, figs.1-3, Syntype. (missing)

CE13394. *Schizaster nummuliticus* Tokunaga, p.21, pl.4, figs.4-6, Syntype. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Coptosoma crenulare (A. Agassiz): CE13361 (missing)

Temnopleurus toreumaticus (Klein): CE13362 (missing), CE13363 (missing)

Glypeaster testitudinarius (Gray): CE13365 (missing), CE13366 (missing)

Laganum decagonalis (Less): CE13367 (missing), CE13368 (missing)

Laganum fudsiyama Doderlein: CE13369 (missing)

Echinarachnius mirabilis (Barn): CE13370 (missing), CE13371 (missing), CE13372 (missing), CE13373 (missing)

Tokunaga, S. (1903): continued

Echinarachnius parma (Lamarck): CE13374 (missing), CE13375 (missing), CE13376 (missing)

Echinodiscus formosus Yoshiwara: CE13380 (missing)

Ilarionis yoshiwarai P. de Loriol: CE13385 (missing)

Echinolampas yoshiwarai P. de Loriol: CE13386 (missing)

Linthia nipponica Yoshiwara: CE13391 (missing), CE13392 (missing)

Schizaster nummuliticus Tokunaga: CE13395 (missing)

Prenaster boninensis P. de Loriol: CE13396 (missing)

Hypsospatangus japonicus P. de Loriol: CE13397 (missing), CE13398 (missing)

Brissopsis luzonica (Gray): CE13399 (missing)

Tokunaga, S. (1906): Fossils from the environs of Tokyo. *Jour. Coll. Sci., Imp. Univ. Tokyo,* vol.21, art.2, pp.1-96, pls.1-6.

CV6001. *Myliobatis* sp., p.72, pl.6, fig.1. (missing)

CV6002. *Elephas antiquus* Falconer, p.72, pl.6, figs.2,3.

CV6003. *Elephas antiquus* Falconer, p.72, pl.6, figs.4,5.

CV6004. *Elephas antiquus* Falconer, p.72, pl.6, fig.6.

CM13400. *Murex falcatus* Sowerby, p.4, pl.1, fig.1. (missing)

CM13401. *Murex longicanalis* Tokunaga, p.4, pl.1, fig.2, Holotype. (missing)

CM13402. *Trophon exiguus* Tokunaga, p.4, pl.1, fig.3, Syntype. (missing)

CM13406. *Triton saulie* Lischke, p.5, pl.1, fig.4. (missing)

CM13407. *Fusus nodoso-plicatus* Dunker, p.5, pl.1, fig.5. (missing)

CM13408. *Fusus perplexus* A. Adams, p.6, pl.1, fig.6. (missing)

CM13409. *Fusus simplex* E. A. Smith, p.6, pl.1, fig.7. (missing)

CM13411. *Hemifusus ternatanus* Gmelin, p.7, pl.1, fig.8. (missing)

CM13414. *Siphonalia cassidaraeformis* Reeve, p.7, pl.1, fig.9. (missing)

CM13415. *Buccinum undatum* Linné, p.8, pl.1, fig.10a,b. (missing)

CM13417. *Volutharpa perryi* Jay, p.8, pl.1, fig.11. (missing)

CM13425. *Erato callosa* Adams and Reeve, p.10, pl.1, fig.12. (missing)

CM13426. *Olivella consobrina* Lischke, p.10, pl.1, fig.13. (missing)

CM13430. *Columbella pumila* Dunker, p.11, pl.1, fig.14a,b. (missing)

CM13431. *Cancellaria spengleriana* Deshayes, p.11, pl.1, fig.15. (missing)

Tokunaga, S. (1906): continued

CM13433. *Cancellaria nodulifera* Sowerby, p.12, pl.1, fig.16. (missing)

CM13436. *Terebra alveolata* Hinds, p.12, pl.1, fig.17a,b. (missing)

CM13437. *Terebra pretiosa* Reeve, p.12, pl.1, fig.18a,b. (missing)

CM13438. *Terebra subtextilis* E. A. Smith, p.13, pl.1, fig.19a,b. (missing)

CM13439. *Terebra* cfr. *serotina* Adams and Reeve, p.13, pl.1, fig.20a,a',b, b'. (missing)

CM13440. *Pleurotoma oxytropis* Sowerby, p.13, pl.1, fig.21. (missing)

CM13442. *Pleurotoma veretebrata* Smith, p.13, pl.1, fig.22. (missing)

CM13443. *Pleurotoma (Drillia) principalis* Pilsbry, p.14, pl.1, fig.23. (missing)

CM13445. *Pleurotoma (Drillia) subauriformis* Smith, p.14, pl.1, fig.24. (missing)

CM13448. *Pleurotoma (Drillia) raricostata* Smith, p.14, pl.1, fig.25. (missing)

CM13449. *Pleurotoma (Mangilia) gracilenta* Reeve, p.15, pl.1, fig.26. (missing)

CM13450. *Pleurotoma (Drillia) tabatensis* Tokunaga, p.15, pl.1, fig.27, Syntype. (missing)

CM13451. *Pleurotoma ojiensis* Tokunaga, p.15, pl.1, fig.28, Syntype. (missing)

CM13452. *Pleurotoma sagamiemsis [sagamiensis]* Tokunaga, p.16, pl.1, fig. 29a,b, Syntype. (missing)

CM13454. *Dolium leuteostomum* Küster, p.17, pl.1, fig.30. (missing)

CM13455. *Natica clausa* Deshayes, p.17, pl.1, fig.31. (missing)

CM13457. *Natica ampla* Reeve, p.18, pl.1, fig.32a,b. (missing)

CM13458. *Natica ampla* Reeve, p.18, pl.1, fig.32c. (missing)

CM13460. *Natica papyracea* Bush, p.19, pl.1, fig.33. (missing)

CM13461. *Sigaretus papilla* Gmelin, p.19, pl.1, fig.34. (missing)

CM13463. *Scalaria immaculata* Sowerby, p.19, pl.1, fig.35. (missing)

CM13464. *Scalaria lamellosa* Lamarck, p.19, pl.1, fig.36. (missing)

CM13466. *Scalaria acuminata* Sowerby, p.20, pl.1, fig.37. (missing)

CM13467. *Trichotropis unicarinata* Broderip, p.20, pl.1, fig.38. (missing)

CM13469. *Eulima levis* Tokunaga, p.21, pl.1, fig.39, Syntype. (missing)

CM13470. *Eulima ovalis* Tokunaga, p.21, pl.1, fig.40, Syntype. (missing)

Tokunaga, S. (1906): continued

CM13471. *Turbonilla* aff. *elegantissima* Montagu, p.21, pl.1, fig.41. (missing)

CM13473. *Turbonilla fusca* A. Adams, p.22, pl.1, fig.42a. (missing)

CM13474. *Turbonilla fusca* A. Adams, p.22, pl.1, fig.42b. (missing)

CM13476. *Odostomia fasciata* Dunker, p.22, pl.1, fig.43. (missing)

CM13478. *Odostomia* cfr. *subplanata* Gould, p.23, pl.1, fig.44. (missing)

CM13479. *Odostomia takinogawensis* Tokunaga, p.23, pl.1, fig.45, Syntype. (missing)

CM13480. *Pyramidella eximia* Lischke, p.23, pl.1, fig.46. (missing)

CM13481. *Pyramidella spirata* A. Adams, p.23, pl.1, fig.47. (missing)

CM13482. *Pyramidella cinctella* A. Adams, p.24, pl.1, fig.48. (missing)

CM13484. *Cerithium kochii* Philippi, p.24, pl.1, fig.49a,b. (missing)

CM13485. *Cerithium nipporiensis* Tokunaga, p.24, pl.1, fig.50, Syntype. (missing)

CM13486. *Cerithium (Cerithopsis) tabatensis* Tokunaga, p.25, pl.1, fig.51, Syntype. (missing)

CM13489. *Potamides (Tympanotonos) fluviatilis* Potiez et Michaud, p.25, pl.1, fig.52. (missing)

CM13491. *Potamides* cfr. *incisus* Hombrons and Jacquinot, p.26, pl.1, fig. 53. (missing)

CM13492. *Rissoa (Fenella)* cfr. *cerithina* Philippi, p.26, pl.1, fig.54. (missing)

CM13493. *Rissoa septentrionalis* Tokunaga, p.26, pl.1, fig.55, Syntype. (missing)

CM13494. *Rissoa meridionalis* Tokunaga, p.27, pl.1, fig.56, Syntype. (missing)

CM13495. *Rissoa subcylindrica* Tokunaga, p.27, pl.1, fig.57, Syntype. (missing)

CM13496. *Rotella costata* Lesson var. *superbus* Gould, p.27, pl.1, fig.58. (missing)

CM13498. *Turbo granulatus* Gmelin, p.28, pl.1, fig.59. (missing)

CM13499. *Trochus imperialis* A. Adams, p.28, pl.1, fig.60. (missing)

CM13500. *Trochus argyrostomus* Gmelin, p.29, pl.2, fig.1. (missing)

CM13501. *Trochus amussitatus* Gould, p.29, pl.2, fig.2. (missing)

CM13502. *Trochus (Enida) japonicus* A. Adams, p.29, pl.2, fig.3. (missing)

CM13503. *Trochus (Calliostoma) shinagawensis* Tokunaga, p.29, pl.2, fig.4. Syntype.

Tokunaga, S. (1906): continued

CM13504. *Trochus (Minolia) angulatus* Tokunaga, p.30, pl.2, fig.5, Holotype. (missing)

CM13505. *Fissurella (Macrochisma) lischkei* Pilsbry, p.30, pl.2, fig.6. (missing)

CM13506. *Acmaea conulus* Dunker, p.30, pl.2, fig.7a,b. (missing)

CM13507. *Patella (Helconiscus) amussitata* Reeve, p.31, pl.2, fig.8. (missing)

CM13508. *Tornatina exilis* Dunker, p.31, pl.2, fig.9. (missing)

CM13510. *Tornatella gigantea* Dunker, p.31, pl.2, fig.10. (missing)

CM13512. *Ringicula arctata* Gould, p.32, pl.2, fig.11. (missing)

CM13515. *Cylichna musashiensis* Tokunaga, p.32, pl.2, fig.12, Syntype. (missing)

CM13518. *Cylichna acuta* Tokunaga, p.32, pl.2, fig.13, Syntype. (missing)

CM13519. *Cyclina obtusa* Tokunaga, p.33, pl.2, fig.14, Syntype. (missing)

CM13520. *Dentalium octogonum* Lamarck, p.33, pl.2, fig.15a,b. (missing)

CM13552. *Dentalium* cfr. *weinkauffi* Dunker, p.33, pl.2, fig.16a,b. (missing)

CW13523. *Dentalium edoensis* Tokunaga, p.34, pl.2, fig.17, Syntype. (missing)

CM13525. *Martesia striata* Linné, pl.2, fig.18. (missing)

CM13527. *Solen krusensternii* Schrenck, p.36, pl.2, fig.19. (missing)

CM13530. *Macha divaricata* Lischke, p.36, pl.2, fig.20a,b. (missing)

CM13531. *Saxicava arctica* Deshayes, p.36, pl.2, fig.21a,b. (missing)

CM13534. *Corbula venusta* Gould, p.39, pl.2, fig.22a,a',b,b'. (missing)

CM13536. *Neaera gouldiana* Hinds, p.39, pl.2, fig.23a,b. (missing)

CM13537. *Myodora fluctuosa* Gould, p.39, pl.2, fig.24a,b. (missing)

CM13539. *Mactra sachalinensis* Schrenck, p.39, pl.2, fig.25a,b. (missing)

CM13542. *Mactra sulcataria* Deshayes, p.40, pl.2, fig.26a,b. (missing)

CM13544. *Mactra crossei* Dunker, p.41, pl.2, fig.27a,b. (missing)

CM13545. *Lutraria ovalis* Tokunaga, p.41, pl.2, fig.28a-c, Syntype. (missing)

CM13548. *Tresus* sp., p.41, pl.2, fig.29a,b,b'. (missing)

CM13551. *Tellina nitidula* Dunker, p.42, pl.2, fig.30a,a',b,b'. (missing)

CM13553. *Tellina yedoensis* Lischke, p.43, pl.2, fig.31a,a'. (missing)

CM13556. *Tellina serricostata* Tokunaga, p.43, pl.2, fig.32a,a',b, Syntype.

Tokunaga, S. (1906): continued

CM13559. *Tellina tenera* Say, p.43, pl.2, fig.33a,a'. (missing)

CM13561. *Tellina ojiensis* Tokunaga, p.44, pl.2, fig.34a,a',b. Syntype (missing)

CM13562. *Tellina* aff. *rutile* Dunker, p.44, pl.2, fig.35a,a'. (missing)

CM13564. *Tellina nipponica* Tokunaga, p.44, pl.2, fig.36a,a'. Syntype. (missing)

CM13565. *Gari* cfr. *radiata* Dunker, p.45, pl.3, fig.1a,a',a",b. (missing)

CM13566. *Macoma nasuta* Conrad, p.45, pl.3, fig.2a,b. (missing)

CM13573. *Venus foliacea* Philippi, p.46, pl.3, fig.3a,b. (missing)

CM13574. *Cytherea chinensis* Chemnitz, p.46, pl.3, fig.4a,b. (missing)

CM13575. *Cytherea meretrix* Linné, p.47, pl.3, fig.5a,b. (missing)

CM13579. *Clementia* aff. *papyracea* Gray, p.49, pl.3, fig.6a. (missing)

CM13580. *Clementia* aff. *papyracea* Gray, p.49, pl.3, fig.6b. (missing)

CM13581. *Tapes decussata* Dunker, var. *philippinarum* A. Adams and Reeve, p.49, pl.3, fig.7. (missing)

CM13584. *Tapes euglyptus* Philippi, p.50, pl.3, fig.8a,a'. (missing)

CM13585. *Tapes euglyptus* Philippi, p.50, pl.3, fig.8b. (missing)

CM13586. *Cardium californiense* Deshayes, p.50, pl.3, fig.9a,a'. (missing)

CM13588. *Cardium muticum* Reeve, p.50, pl.3, fig.10. (missing)

CM13590. *Cardium braunsi* Tokunaga, p.51, pl.3, fig.11, Syntype. (missing)

CM13591. *Cardium tokyoensis* Tokunaga, p.51, pl.3, fig.12a,a', Syntype. (missing)

CM13597. *Mysia* aff. *semiaspera* Philippi, p.53, pl.3, fig.13a,b,b'. (missing)

CM13598. *Lasaea striata* Tokunaga, p.53, pl.3, fig.14a,b, Syntype. (missing)

CM13601. *Lasaea* aff. *subrbicularis* Montagu, p.54, pl.3, fig.15a,a'. (missing)

CM13602. *Astarte japonica* Tokunaga, p.54, pl.3, fig.16a,a',b. Syntype (missing)

CM13604. *Cardita rotunda* Tokunaga, p.55, pl.3, fig.17a, Syntype.

CM13605. *Cardita rotunda* Tokunaga, p.55, pl.3, fig.17a', Syntype. (missing)

CM13614. *Yoldia lanceolata* J. Sowerby, p.57, pl.3, fig.18. (missing)

CM13615. *Arca inflata* Reeve, p.57, pl.3, fig.19a. (missing)

CM13616. *Arca inflata* Reeve, p.57, pl.3, fig.19b. (missing)

Tokunaga, S. (1906): continued

CM13618. *Arca tenuis* Tokunaga, p.58, pl.4, fig.1a, Syntype. (missing)

CM13619. *Arca tenuis* Tokunaga, p.58, pl.4, fig.1b, Syntype. (missing)

CM13623. *Arca granosa* Linné, p.59, pl.3, fig.20. (missing)

CM13624. *Arca kagoshimensis* Tokunaga, p.59, pl.3, fig.21a,b, Syntype. (missing)

CM13626. *Arca* α sp., p.60, pl.3, fig.22a,b. (missing)

CM13630. *Arca rectangularis* Tokunaga, p.61, pl.3, fig.23a-c, Syntype. (missing)

CM13634. *Modiola modiolus* Linné, p.63, pl.3, fig.24. (missing)

CM13635. *Modiola* aff. *japonica* Dunker, p.63, pl.3, fig.25a,b. (missing)

CM13637. *Lima* aff. *japonica* A. Adams, p.64, pl.3, fig.26a,b. (missing)

CM13683. *Lima hakodatensis* Tokunaga, p.64, pl.3, fig.27a,b, Syntype. (missing)

CM13641. *Pecten laetus* Gould, p.65, pl.4, fig.2. (missing)

CM13643. *Pecten tokyoensis* Tokunaga, p.65, pl.5, fig.1, Syntype.

CM13644. *Pecten tokyoensis* Tokunaga, p.65, pl.5, fig.2, Syntype.

CM13645. *Pecten tokyoensis* Tokunaga, p.65, pl.5, fig.3, Syntype.

CM13646. *Pecten tokyoensis* Tokunaga, p.65, pl.5, fig.4, Syntype.

CM13647. *Pecten tokyoensis* Tokunaga, p.65, pl.5, fig.5, Syntype.

CM13648. *Pecten tokyoensis* Tokunaga, p.65, pl.5, fig.6, Syntype.

CM13649. *Pecten tokyoensis* Tokunaga, p.65, pl.5, fig.7, Syntype. (missing)

CM13650. *Pecten tokyoensis* Tokunaga, p.65, pl.5, fig.8, Syntype.

CM13651. *Pecten tokyoensis* Tokunaga, p.65, pl.5, fig.9, Syntype.

CM13652. *Pecten tokyoensis* Tokunaga, p.65, pl.5, fig.10, Syntype.

CM13674. *Pecten* aff. *irradians* Lamarck, p.67, pl.4, fig.3. (missing)

CM13675. *Pecten pulchellimus* Tokunaga, p.67, pl.4, fig.4, Holotype. (missing)

CM13679. *Ostrea gigas* Thunberg, p.68, pl.4, fig.5a,b. (missing)

CM13681. *Ostrea denselamellosa* Lischke, p.68, pl.4, fig.6a,b. (missing)

CM13683. *Ostrea irregularis* Tokunaga, p.68, pl.4, fig.7a,b, Holotype. (missing)

CB13684. *Waldheimia grayi* Davidson, p.69, pl.4, fig.8a,b. (missing)

CB13685. *Waldheimia elongata* Tokunaga, p.69, pl.4, fig.9a,b, Holotype.

CB13686. *Lingula hians* Swainson, p.69, pl.4, fig.10. (missing)

Tokunaga, S. (1906): continued

CV13696. Indeterminable ungulate bone, p.75, pl.6, fig.7.

The following specimens, though not illustrated, were also treated in this paper.

Rapana bezoar Lischke: CM13403 (missing), CM13404 (missing), CM13405 (missing)

Fusus sp.: CM13410 (missing)

Neptunea despecta Linné: CM13412 (missing), CM13413 (missing)

Buccinum undatum Linné: CM13416 (missing)

Eburna japonica Sowerby: CM13418 (missing), CM13419 (missing)

Nassa japonica A. Adams: CM13420 (missing), CM13421 (missing), CM13422, (missing)

Nassa livescens Philippi: CM13423 (missing), CM13424 (missing)

Columbella martensi Lischke: CM13427 (missing), CM13428 (missing), CM13429 (missing)

Cancellaria spengleriana Deshayes: CM13432 (missing)

Terebra bipartita Gould: CM13434 (missing), CM13435 (missing)

Pleurotoma oxytropis Sowerby: CM13441 (missing)

Pleurotoma (Drillia) principalis Pilsbry: CM13444 (missing)

Pleurotoma (Drillia) reciproca Gould: CM13446 (missing), CM13447 (missing)

Pleurotoma (Mangelia) parva Tokunaga: CM13453 (missing), CM13801 (missing), Syntypes

Natica clausa Deshayes: CM13456 (missing)

Natica ampla Reeve: CM13459 (missing)

Sigaretus papilla Gmelin: CM13462 (missing)

Scalaria lamellosa Lamarck: CM13465 (missing)

Trichotropis unicarinata Broderip: CM13468 (missing)

Turbonilla aff. *elegantissima* Montagu: CM13472 (missing)

Turbonilla paucicostulata Tokunaga: CM13475 (missing), Syntype

Odostomia planata Gould: CM13477 (missing)

Pyramidella cinctella A. Adams: CM13483 (missing)

Potamides (Lampania) zonale Bruguière: CM13487 (missing), CM13488 (missing)

Potamides (Tympanotonos) fluviatilis Potiez et Michaud: CM13490 (missing)

Rotella costata Lesson var. *superbus* Gould: CM13497 (missing)

Tornatina exilis Dunker: CM13509 (missing)

Tokunaga, S. (1906): continued

Tornatella gigantea Dunker: CM13511 (missing)

Ringicula arctata Gould: CM13513 (missing), CM13514 (missing)

Cylichna musashiensis Tokunaga: CM13516 (missing), CM13517 (missing), Syntypes

Dentalium octogonum Lamarck: CM13521 (missing)

Dentalium edoensis Tokunaga: CW13524 (missing), Syntype

Solen gouldii Conrad: CM13526 (missing)

Solen krusensternii Schrenck: CM13528 (missing), CM13529 (missing)

Panopaea generosa Gould: CM13532 (missing), CM13533 (missing)

Corbula venusta Gould: CM13535 (missing)

Myodora fluctuosa Gould: CM13538 (missing)

Mactra veneriformis Deshayes: CM13540 (missing), CM13541 (missing)

Mactra sulcataria Deshayes: CM13543 (missing)

Lutraria ovalis Tokunaga: CM13546 (missing), CM13547 (missing), Syntypes

Tresus nuttali Conrad: CM13549 (missing), CM13550 (missing)

Tellina nitidula Dunker: CM13552 (missing)

Tellina yedoensis Lischke: CM13554 (missing), CM13555 (missing)

Tellina serricostata Tokunaga: CM13557 (missing), CM13558 (missing) Syntypes

Tellina tenera Say: CM13560 (missing)

Tellina aff. *rutila* Dunker: CM13563 (missing)

Macoma nasuta Conrad: CM13567 (missing), CM13568 (missing)

Saxidomus nuttali Conrad: CM13569 (missing), CM13570 (missing)

Venus stimpsoni Gould: CM13571 (missing), CM13572 (missing)

Dosinia exoleta Linné: CM13576 (missing), CM13577 (missing)

Cyclina chinensis Chemnitz: CM13578 (missing)

Tapes decussata Dunker var. *philippinarum* A. Adams and Reeve: CM13582 (missing)

Tapes rigidus Gould: CM13583 (missing)

Cardium californiense Deshayes: CM13587 (missing)

Cardium muticum Reeve: CM13589 (missing)

Cardium tokyoensis Tokunaga: CM13592 (missing)

Lucina borealis Linné: CM13593 (missing), CM13594 (missing)

Cryptodon cfr. *flexuosus* Montagu: CM13595 (missing)

Tokunaga, S. (1906): continued

Mysia pacifica Tokunaga: CM13596 (missing), CM13716 (missing), CM13717 (missing), CM13718 (missing), CM13719 (missing), CM13720 (missing), CM13721 (missing), CM13722 (missing), CM13723 (missing), CM13724 (missing), CM13725 (missing), CM13726 (missing), CM13727 (missing), CM13728 (missing), CM13729 (missing), CM13730 (missing), CM13731 (missing), CM13732 (missing), CM13733 (missing), CM13734 (missing), CM13735 (missing), CM13736 (missing), CM13737 (missing), CM13738 (missing), CM13739 (missing), CM13740 (missing), CM13741 (missing), CM13743 (missing), CM13744 (missing), CM13745 (missing), CM13746 (missing), CM13747 (missing), CM13748 (missing), CM13749 (missing), CM13750 (missing), CM13751 (missing), CM13752 (missing), Syntypes

Lasaea striata Tokunaga: CM13599, CM13600 (missing), CM13753, CM13754, CM13755, CM13756, CM13757, CM13758, CM13758, CM13759, CM13760, CM13761, CM13762, CM13763, CM13764, CM13765, CM13766, CM13767, CM13768, CM13769, CM13770, CM13771, CM13772, Syntypes

Astarte japonica Tokunaga: CM13603 (missing), CM13774, CM13775, Syntypes

Cardita rotunda Tokunaga: CM13606, CM13607 (missing), CM13608 (missing), CM13776, CM13777, CM13778, CM13779, CM13780, CM13781, CM13782, CM13783, CM13784, CM13785, CM13786, CM13786, Syntypes

Nucula mirabilis Hinds: CM13609 (missing)

Nucula insignis Gould: CM13610 (missing), CM13611 (missing)

Leda confusa Hanley: CM13612 (missing), CM13613 (missing)

Arca inflata Reeve: CM13617 (missing)

Arca tenuis Tokunaga: CM13620 (missing), CM13621 (missing), CM13622 (missing), CM13787, CM13788, CM13790*, Syntypes

Arca kagoshimensis Tokunaga: CM13625 (missing), Syntype

Arca β sp.: CM13627 (missing)

Arca γ sp.: CM13628 (missing), CM13629 (missing)

Pectunculus albo-lineatus Lischke: CM13631 (missing), CM13632 (missing)

Limopsis woodwardi A. Adams: CM13633 (missing)

Pinna sp.: CM13636 (missing)

Pecten laqueatus Sowerby: CM13639 (missing), CM13640 (missing)

Pecten laetus Gould: CM13642 (missing)

Pecten tokyoensis Tokunaga: CM13653, CM13754, CM13655, CM13656, CM13657, CM13658, CM13659, CM13660, CM13661, CM13662, CM13663, CM13664, CM13665, CM13666, CM13667, CM13668, CM13669, CM13670, CM13671, CM13672, CM13673, CM13791, CM13792, CM13793, CM13794, CM13795, CM13796, CM13797, CM13798, CM13799, CM13800, Syntypes

Anomia aff. *patelliformis* Linné: CM13676 (missing), CM13677 (missing), CM13678 (missing)

Tokunaga, S. (1906): continued

Ostrea gigas Thunberg: CM13680 (missing)

Ostrea denselamellosa Lischke: CM13682 (missing)

Temnopleurus toreumaticus Klein: CE13687 (missing), CM13688 (missing)

Laganum decagonalis Lesson: CE13689 (missing), CE13690 (missing)

Echinarachnius mirabilis Barn: CE13691 (missing)

Fibularia acuta Yoshiwara: CE13692 (missing)

Trochus (Calliostoma) shinagawensis Tokunaga: CM13694, CM13695, CM13696, CM13697, CM13698, CM13699, CM13700, CM13701, CM13702, Syntypes

Cardium braunsi Tokunaga: CM13703, CM13704, CM13705, CM13706, CM13707, CM13708, CM13709, CM13710, CM13711, CM13712, CM13713, CM13714, CM13715, Syntypes

Cerithium nipporiensis Tokunaga: CM13802 (missing), Syntype

Rissoa septentrionalis Tokunaga: CM13803 (missing), Syntype

Tokunaga, S. (1936): Geology of the district of Shichinohe and fossil elephant found there. *Jour. Geogr.*, vol.48, no.564, pp.67-70, pl.1, 3 text-figs.

CV6008.* *Palaeoloxodon aomoriensis* Tokunaga and Takai, p.70, pl.1, 2 text-figs, Holotype

Tokunaga, S. (1940): A fossil elephant tooth discovered in Miyakozima, an island of the Ryukyu archipelago, Japan. *Proc. Imp. Acad. Tokyo,* vol.16, no.3, pp.122-124.

CV13827. *Elephas trogontherii* Pohlig *or Palaeoloxodon namadicus* (Makiyama), p.122, 2 text-figs.

Tokunaga, S. and Iwasaki, C. (1914): Notes on Desmostylus japonicus. *Jour. Geol. Soc. Tokyo,* vol.21, no.250, p.33.

CV13352. *Desmostylus japonicus* Tokunaga and Iwasaki, p.33, Syntype.

CV13353.* *Desmostylus japonicus* Tokunaga and Iwasaki, p.33, Syntype.

CV13554. *Desmostylus japonicus* Tokunaga and Iwasaki, p.33, Syntype. (missing)

CV13555. *Desmostylus japonicus* Tokunaga and Iwasaki, p.33, Syntype. (missing)

CV13556. *Desmostylus japonicus* Tokunaga and Iwasaki, p.33, Syntype. (missing)

Tokunaga, S. and Iwasaki, C. (1914): continued

CV13557. *Desmostylus japonicus* Tokunaga and Iwasaki, p.33, Syntype. (missing)

CV13358. *Desmostylus japonicus* Tokunaga and Iwasaki, p.33, Syntype. (missing)

CV13559. *Desmostylus japonicus* Tokunaga and Iwasaki, p.33, Syntype. (missing)

Tokunaga, S. and Saito, K. (1938): A fossil pomacentrid fish from the Miocene of Izu, Japan. *Japan. Jour. Geol. Geogr.,* vol.15, nos.1-2, pp.83-86, fig.1.

CV13804. *Izuus nakamurai* Tokunaga and Saito, p.84, fig.1, Holotype.

Tokunaga, S. and Takai, F. (1936): On a fossil elephant, Palaeoloxodon aomoriensis, from Shichinohe, Kamikita-gun, Aomori Prefecture, Japan. *Jour. Geol. Soc. Japan,* vol.43, no.511, pp.254-258, pls.13,14.

CV6008.* *Palaeoloxodon aomoriensis* Tokunaga and Takai, p.255, pl.13, figs.1,2, Holotype. (see also Tokunaga, 1936)

Tokunaga, S. and Takai, F. (1938): Fossil Elephants from Totigi Prefecture, Japan. *Japan Jour. Geol. Geogr.,* vol.15, nos.1-2, pp.69-82, pls.508.

CV6017. *Stegodon orientalis* Owen, p.70, pl.5, fig.1; text-fig.1.

Yajima, M. (1978): Quaternary Ostracoda from Kisarazu near Tokyo. *Trans. Proc. Palaeont. Soc. Japan,* N. S., no.122, pp.371-409, pls.49-50, text-figs.1-10.

CA8410. *Pseudopsammocythere tokyoensis* Yajima, p.391, pl.50, fig.3a, text-fig.7-1b, Holotype.

CA8411. *Pseudopsammocythere tokyoensis* Yajima, p.391, pl.50, fig.3b, text-fig.7-1a, Paratype.

CA8413. *Cytheroma ? hanaii* Yajima, p.404, pl.50, fig.5a,b, text-fig.10-1a,b, Holotype.

CA8415. *Paracytheridea bosoensis* Yajima, p.403, pl.50, fig.6a, text-fig. 10-2b, Holotype.

CA8416. *Paracytheridea bosoensis* Yajima, p.403, pl.50, fig.6b, text-fig. 10-2a, Paratype.

CA8419. *Lixouria nipponica* Yajima, p.400, pl.50, fig.7b, text-fig.9-2a, Paratype.

CA8420. *Actinocythereis kisarazuensis* Yajima, p.399, pl.49, fig.3b, text-fig.9-1, Holotype.

CA8421. *Actinocythereis kisarazuensis* Yajima, p.399, pl.49, fig.3a, Paratype.

CA8422. *Trachyleberis* sp., p.398, pl.49, fig.1b.

CA8423. *Trachyleberis* sp., p.398, pl.49, fig.1a.

CA8424. *Lixouria nipponica* Yajima, p.400, pl.50, fig.7a, Holotype.

CA8425. *Lixouria nipponica* Yajima, p.4oo, pl.50, fig.7c, text-fig.9-2b, Paratype.

CA8427. *Buntonia hanaii* Yajima, p.401, pl.50, fig.4b, Holotype.

CA8428. *Buntonia hanaii* Yajima, p.401, pl.50, fig.4a, Paratype.

CA8430. *Coquimba ishizakii* Yajima, p.397, pl.49, fig.4c, Holotype.

CA8431. *Coquimba ishizakii* Yajima, p.397, pl.49, fig.4b, text-fig.7-3a, Paratype.

CA8432. *Coquimba ishizakii* Yajima, p.397, pl.49, fig.4a, text-fig.7-3b, Paratype.

CA8433. *Ambostracon ikeyai* Yajima, p.394, pl.49, fig.5c, Holotype.

CA8434. *Ambostracon ikeyai* Yajima, p.394, pl.49, fig.5b; pl.50, fig.2, text-fig.7-2a, Paratype.

CA8435. *Ambostracon ikeyai* Yajima, p.394, pl.49, fig.5a; pl.5o, fig.1, text-fig.7-2b, Paratype.

CA8437. *Callistocythere* sp., p.393, pl.49, fig.6b.

CA8439. *Callistocythere* sp., p.393, pl.49, fig.6a.

CA8440. *Cornucoquimba tosaensis* (Ishizaki), p.395, pl.49, fig.2a.

Yajima, M. (1978): continued

CA8441. *Cornucoquimba tosaensis* (Ishizaki), p.395, pl.49, fig.2b, text-fig.8.

CA8442. *Cornucoquimba tosaensis* (Ishizaki), p.395, pl.49, fig.2c.

The following specimens, though not illustrated, were also treated in this paper.

Pseudopsammocythere tokyoensis Yajima: CA8412, Paratype

Cytheroma ? hanaii Yajima: CA8414, Paratype.

Buntonia hanaii Yajima: CA8417, CA8418, CA8426, Paratypes

Coquimba ishizakii Yajima: CA8429, Paratype

Ambostracon ikeyai Yajima: CA8436, Paratype

Callistocythere sp.: CA8438

Yajima, M. (1982): Late Pleistocene Ostracoda from the Boso Peninsula, central Japan. *Univ. Mus., Univ. Tokyo, Bull.*, no. 20, pp.141-227, 257-272, pls.10-15, text-figs.1-17.

CA9801. *Propontocypris (Propontocypris)* sp., p.183, pl.15, fig.5.

CA9802. *Propontocypris (Propontocypris)* sp., p.183, pl.15, figs.1,2.

CA9803. *Paracypris* sp., p.183, pl.15, fig.9, text-fig.13-2.

CA9804. *Paracypris* sp., p.183, pl.15, fig.6, text-fig.13-1.

CA9805. *Neocytherideis aoi* Yajima, p.185, pl.10, fig.4, text-fig.13-3, Holotype.

CA9806. *Neocytherideis aoi* Yajima, p.185, pl.10, fig.2, text-fig.13-4, Paratype.

CA9807. *Neocytherideis aoi* Yajima, p.185, pl.10, fig.1, Paratype.

CA9808. *Neocytherideis aoi* Yajima, p.185, pl.10, fig.5, Paratype.

CA9809. *Neocytherideis aoi* Yajima, p.185, pl.10, fig.6, Paratype.

CA9810. *Neocytherideis aoi* Yajima, p.185, pl.10, fig.3, Paratype.

CA9811. *Pontocythere* sp. 1, p.186, pl.10, fig.7, text-fig.13-6.

CA9812. *Pontocythere* sp. 1, p.186, pl.10, fig.8, text-fig.13-5.

CA9813. *Pontocythere* sp. 2, p.186, pl.10, fig.10, text-fig.13-8.

CA9814. *Pontocythere* sp. 2, p.186, pl.10, fig.11, text-fig.13-7.

CA9815. *Eucythere yugao* Yajima, p.187, pl.10, figs.14,16,19, text-fig. 13-9, Holotype.

CA9816. *Eucythere yugao* Yajima, p.187, pl.10, figs.13,17,18, text-fig. 13-10, Paratype.

Yajima, M. (1982): continued

CA9819. *Munseyella oborozukiyo* Yajima, p.188, pl.10, fig.9, Holotype.

CA9820. *Munseyella oborozukiyo* Yajima, p.188, pl.10, fig.12, Paratype.

CA9821. *Munseyella* sp., p.189, pl.10, fig.15.

CA9826. *Callistocythere hotaru* Yajima, p.190, pl.11, fig.5, text-fig. 14-2, Holotype.

CA9827. *Callistocythere hotaru* Yajima, p.190, pl.11, fig.6, text-fig. 14-1, Paratype.

CA9831. *Callistocythere* sp., p.192, pl.11, fig.8.

CA9832. *Callistocythere* sp., p.192, pl.11, fig.9.

CA9833. *Schizocythere asagao* Yajima, p.192, pl.11, fig.15, Holotype.

CA9834. *Schizocythere asagao* Yajima, p.192, pl.11, fig.14, Paratype.

CA9835. *Neomonoceratina microreticulate* Kingma, p.193, pl.11, fig.10.

CA9836. *Neomonoceratina microreticulate* Kingma, p.193, pl.11, fig.11.

CA9837. *Necmonoceratina microreticulate* Kingma, p.193, pl.11, fig.12.

CA9838. *Neomonoceratina microreticulate* Kingma, p.193, pl.11, fig.13.

CA9839. *Trachyleberis ? tosaensis* Ishizaki, p.194, pl.12, fig.9.

CA9840. *Trachyleberis ? tosaensis* Ishizaki, p.194, pl.12, fig.11.

CA9841. *Trachyleberis ? tosaensis* Ishizaki, p.194, pl.12, fig.8.

CA9842. *Trachyleberis ? tosaensis* Ishizaki, p.194, text-fig.15-3.

CA9843. *Acanthocythereis ?* sp., p.196, pl.12, fig.5.

CA9844. *Cletocythereis rastromarginata* (Brady), p.197, pl.12, figs.3,4.

CA9845. *Stigmatocythere ?* sp., pl.198, pl.12, fig.12.

CA9846. *Rocaleberis ?* sp., p.199, pl.12, figs.1,2, text-fig.15-5.

CA9847. *Wichmannella bradyformis* (Ishizaki), p.201, pl.12, fig.15.

CA9848. *Wichmannella bradyformis* (Ishizaki), p.201, pl.12, fig.16.

CA9849. *Wichmannella bradyformis* (Ishizaki), p.201, pl.12, fig.14.

CA9850. *Wichmannella bradyformis* (Ishizaki), p.201, pl.12, fig.17.

CA9851. *Wichmannella bradyformis* (Ishizaki), p.201, text-fig.15-6.

CA9852. *Robertsonites ? reticuliformis* (Ishizaki), 205, pl.12, fig.13.

CA9853. *Australimoosella tomokoae* (Ishizaki), p.206, pl.12, fig.18.

CA9854. *Australimoosella tomokoae* (Ishizaki), p.206, pl.12, fig.19.

CA9855. *Australimoosella tomokoae* (Ishizaki), p.206, text-fig.14-4.

CA9856. *Camopylocythereis ? ukifune* Yajima, p.207, pl.12, fig.10, Holotype.

Yajima, M. (1982): continued

CA9857. *Campylocythereis ? ukifune* Yajima, p.207, pl.12, fig.7, Paratype.

CA9858. *Campylocythereis ? ukifune* Yajima, p.207, pl.12, fig.6, Paratype.

CA9863. *Aurila kiritsubo* Yajima, p.210, pl.13, fig.10; pl.15, figs.14,16, text-fig.16-3, Holotype.

CA9864. *Aurila kiritsubo* Yajima, p.210, pl.13, fig.9, text-fig.16-4, Paratype.

CA9865. *Aurila kiritsubo* Yajima, p.210, pl.13, fig.11, Paratype.

CA9866. *Aurila* sp., p.212, pl.13, fig.15, text-fig.15-1.

CA9867. *Robustaurila assimilis* (Kajiyama), p.212, pl.13, fig.8.

CA9868. *Robustaurila assimilis* (Kajiyama), p.212, pl.13, fig.6.

CA9869. *Robustaurila assimilis* (Kajiyama), p.212, pl.13, fig.7.

CA9870. *Urocythereis ? gorokuensis* Ishizaki, p.213, pl.13, fig.14.

CA9871. *Caudites ? posterocostatus* (Ishizaki), p.214, pl.13, figs.12,13, text-fig.15-2.

CA9875. *Bythoceratina* sp., p.216, pl.13, fig.16.

CA9876. *Pseudocythere frydli* Yajima, p.216, pl.13, fig.15, Holotype.

CA9877. *Pseudocythere frydli* Yajima, p.216, text-fig.16-7, Paratype.

CA9878. *Pseudocythere frydli* Yajima, p.216, text-fig.16-8, Paratype.

CA9879. *Eucytherura utsusemi* Yajima, p.217, pl.14, figs.12,15, Holotype.

CA9880. *Eucytherura utsusemi* Yajima, p.217, pl.14, fig.16, Paratype.

CA9881. *Eucytherura utsusemi* Yajima, p.217, pl.14, fig.13, Paratype.

CA9882. *Semicytherura wakamurasaki* Yajima, p.218, pl.14, fig.6, Holotype.

CA9883. *Semicytherura wakamurasaki* Yajima, p.218, pl.14, figs.3,17, Paratype.

CA9884. *Semicytherura wakamurasaki* Yajima, p.218, pl.14, fig.1, Paratype.

CA9885. *Semicytherura wakamurasaki* Yajima, p.218, pl.14, fig.7, text-fig. 16-1, Paratype.

CA9886. *Semicytherura wakamurasaki* Yajima, p.218, pl.14, fig.8, Paratype.

CA9887. *Semicytherura wakamurasaki* Yajima, p.218, pl.14, fig.2, Paratype.

CA9888. *Semicytherura wakamurasaki* Yajima, p.218, pl.14, fig.4, Paratype.

CA9889. *Semicytherura wakamurasaki* Yajima, p.218, pl.14, fig.5, Paratype.

CA9890. *Semicytherura wakamurasaki* Yajima, p.218, text-fig.16-2, Paratype.

CA9891. *Semicytherura* sp., p.220, pl.14, fig.9.

CA9892. *Kangarina hayamii* Yajima, p.220, pl.14, fig.10, Holotype.

CA9893. *Kangarina hayamii* Yajima, p.220, pl.14, fig.14, Paratype.

Yajima, M. (1982): continued

CA9894. *Kangarina hayamii* Yajima, p.220, pl.14, fig.11, Paratype.

CA9895. *Loxoconcha hanachirusato* Yajima, p.221, pl.11, fig.2, Holotype.

CA9896. *Loxoconcha hanachirusato* Yajima, p.221, pl.11, fig.4, Paratype.

CA9897. *Loxoconcha hanachirusato* Yajima, p.221, pl.11, fig.1, Paratype.

CA9898. *Loxoconcha hanachirusato* Yajima, p.221, pl.11, fig.3, Paratype.

CA9903. *Loxoconcha tamakazura* Yajima, p.222, pl.11, fig.17, Holotype.

CA9904. *Loxoconcha tamakazura* Yajima, p.222, pl.11, fig.16, Paratype.

CA9909. *Nipponocythere bicarinata* (Brady), p.223, pl.13, fig.3.

CA9910. *Nipponocythere bicarinata* (Brady), p.223, pl.13, fig.4.

CA9911. *Nipponocythere bicarinata* (Brasy), p.223, pl.13, fig.1.

CA9912. *Nipponocythere bicarinata* (Brady), p.223, pl.13, fig.2.

CA9913. *Xestoleberis suetsumuhana* Yajima, p.224, pl.15, fig.12, text-fig. 16-5, Holotype.

CA9914. *Xestoleberis suetsumuhana* Yajima, p.224, pl.15, fig.11, text-fig. 16-6, Paratype.

CA9917. *Cytherois* sp., p.226, text-fig.17-1.

CA9918. *Cytherois* sp., p.226, text-fig.17-2.

CA9919. *Sclerochilus* sp. 1, p.226, pl.15, fig.10, text-fig.17-5.

CA9920. *Sclerochilus* sp. 2, p.226, text-fig.17-6.

CA9921. *Paracytheroma* sp., p.226, pl.15, figs.3,13, text-fig.17-3.

CA9922. *Paracytheroma* sp., p.226, pl.15, fig.4.

CA9923. *Paracytheroma* sp., p.226, pl.15, figs.7,15, text-fig.17-4.

CA9924. *Paracytheroma* sp., p.226, pl.15, fig.8.

The following specimens, though not illustrated, were also treated in this paper.

Munseyella hatatatensis Ishizaki: CA9817, CA9818

Callistocythere alata Hanai: CA9822, CA9823

Callistocythere hayamensis Hanai: CA9824, CA9825

Callistocythere rugosa Hanai: CA9828

Callistocythere japonica Hanai: CA9829, CA9830

Finmarchinella (Finmarchinella) uranipponica Ishizaki: CA9859, CA9860

Finmarchinella (Barentsovia) japonica (Ishizaki): CA9861, CA9862

Coquimba ishizakii Yajima: CA9872

Bythocythere maisakensis Ikeya and Hanai: CA9873, CA9874

Yajima, M. (1982): continued

Loxoconcha laeta Ishizaki: CA9899, CA9900

Loxoconcha optima Ishizaki: CA9901, CA9902

Loxoconcha tosaensis Ishizaki: CA9905, CA9905, CA9906

Loxoconcha viva Ishizaki: CA9907, CA9908

Cytherois asamushiensis Ishizaki: CA9915, CA9916

Yamaguchi, T. (1973): On Megabalanus (Cirripedia, Thoracica) of Japan. *Publ. Seto Mar. Biol. Lab.*, vol.21, no.2, pp.115-140, pls.6-8, text-figs.1-11.

RA8197. *Balanus (Megabalanus) rosa* Pilsbry, p.130, text-fig.10.

RA8198. *Balanus (Megabalanus) rosa* Pilsbry, p.130, pl.6, fig.1a-j.

RA8199. *Balanus (Megabalanus) rosa* Pilsbry, p.130, pl.6, fig.3.

RA8200. *Balanus (Megabalanus) volcano* Pilsbry, p.133, pl.6, fig.5.

RA8201. *Balanus (Megabalanus) volcano* Pilsbry, p.133, pl.6, fig.4.

RA8202. *Balanus (Megabalanus) volcano* Pilsbry, p.133, pl.6, fig.2a-j, text-fig.11.

RA8203. *Balanus (Megabalanus) volcano* Pilsbry, p.133, pl.8, fig.1.

RA8203. *Balanus (Megabalanus) rosa* Pilsbry, p.130, pl.8, fig.1.

RA8204. *Balanus (Megabalanus) rosa* Pilsbry, p.130, pl.8, fig.2a,b.

RA8204. *Balanus (Megabalanus) volcano* Pilsbry, p.133, pl.8, fig.2a,b.

CA8205. *Balanus (Megabalanus) rosa* Pilsbry, p.130, pl.6, fig.6.

CA8206. *Balanus (Megabalanus) rosa* Pilsbry, p.130, pl.6, fig.7.

Yamaguchi, T. (1977a): Taxonomic studies on some fossil and recent Japanese Balanoidea (Part 1). *Trans. Proc. Palaeont. Soc. Japan,* N. S., no.107, pp.135-160, pls.19-22, text-figs.1-5.

Yamaguchi, T. (1977b): Taxonomic studies on some fossil and recent Japanese Balanoidea (Part 2). *Trans. Proc. Palaeont. Soc. Japan,* N. S., no.108, pp.161-201, pls.23-27, text-figs.6-23.

RA8263. *Balanus amphitrite* Darwin, p.174, pl.19, fig.1a-f.

RA8264. *Balanus amphitrite* Darwin, p.174, pl.19, fig.2a-h; pl.20, fig.1.

RA8265. *Balanus albicostatus* Pilsbry, p.176, pl.19, fig.3a-f.

RA8266. *Balanus albicostatus* Pilsbry, p.176, pl.19, fig.4a-h; pl.20, fig.2.

RA8267. *Balanus reticulatus* Utinomi, p.176, pl.19, fig.5a-n; pl.20, fig.3.

RA8268. *Balanus kondakovi* Tarasov and Zevina, p.176, pl.19, fig.6a-f.

RA8269. *Balanus kondakovi* Tarasov and Zevina, p.176, pl.19, fig.7a-h; pl.20, figs.4,12.

RA8270. *Balanus amphitrite* Darwin, p.174, pl.20, fig.5.

RA8271. *Balanus albicostatus* Pilsbry, p.176, pl.20, fig.6.

Yamaguchi, T. (1977a,b): continued

RA8272. *Balanus reticulatus* Utinomi, p.176, pl.20, fig.7.

RA8273. *Balanus kondakovi* Tarasov and Zevina, p.176, pl.20, fig.8.

RA8274. *Balanus amphitrite* Darwin, p.174, pl.20, fig.9a-d, text-fig.15.

RA8275. *Balanus albicostatus* Plisbry, p.176, pl.20, fig.10a-d.

RA8276. *Balanus reticulatus* Utinomi, p.176, pl.20, fig.11a-d.

RA8277. *Balanus rostratus* Hoek, p.178, pl.23, fig.1a-j.

RA8278. *Balanus rostratus* Hoek, p.178, pl.23, fig.2a-d.

CA8279. *Balanus rostratus* Hoek, p.178, pl.23, fig.3a-e.

CA8280. *Balanus rostratus* Hoek, p.178, pl.23, fig.4.

CA8281. *Balanus rostratus* Hoek, p.178, pl.23, fig.6.

CA8282. *Balanus rostratus* Hoek, p.178, pl.23, fig.7.

CA8283. *Balanus rostratus* Hoek, p.178, pl.23, fig.8a,b.

CA8284. *Balanus rostratus* Hoek, p.178, pl.23, fig.9a,b.

CA8285. *Balanus rostratus* Hoek, p.178, pl.23, fig.10a,b.

CA8286. *Balanus rostratus* Hoek, p.178, pl.23, fig.11a,b.

CA8287. *Balanus rostratus* Hoek, p.178, pl.23, fig.12a,b.

CA8288. *Balanus rostratus* Hoek, p.178, pl.23, fig.13a,b.

CA8289. *Balanus rostratus* Hoek, p.178, pl.24, fig.1a,b.

CA8290. *Balanus rostratus* Hoek, p.178, pl.23, fig.5a-d; pl.24, fig.2a,b.

CA8291. *Balanus rostratus* Hoek, p.178, pl.24, fig.3a,b.

RA8292. *Balanus trigonus* Darwin, p.170, pl.24, fig.4a,b.

RA8293. *Balanus trigonus* Darwin, p.170, pl.24, fig.5a,b.

RA8294 *Balanus trigonus* Darwin, p.170, pl.24, fig.6a,b.

RA8295. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.1a-j.

RA8296. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.2a-j.

RA8297. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.3a-j.

RA8298. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.4.

RA8299. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.5.

CA8300. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.6.

Yamaguchi, T. (1977a,b): continued

CA8301. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.7a,b.

CA8302. *Solidobalanus (Hesperibalanus) hesperius* (pilsbry), p.187, pl.27, fig.8a,b.

CA8303. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.9a,b.

CA8304. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.10a,b.

CA8305. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.11a,b.

CA8306. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.12.

CA8307. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.13a-e.

CA8308. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.14a,b.

CA8309. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.15a,b.

CA8310. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.16a,b.

CA8311. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.17.

CA8312. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, pl.27, fig.18.

RA8313. *Balanus albicostatus* Pilsbry, p.176, pl.22, fig.1a,b.

RA8314. *Balanus albicoatatus* Pilsbry, p.176, pl.22, fig.2a,b.

RA8315. *Balanus albicostatus* Pilsbry, p.176, pl.22, fig.3a,b.

RA8316. *Balanus albicostatus* Pilsbry, p.176, pl.22, fig.4a,b.

RA8317. *Balanus albicostatus* Pilsbry, p.176, pl.22, fig.5a,b.

CA8318. *Balanus reticulatus* Utinomi, p.176, pl.22, fig.6a,b.

CA8319. *Balanus reticulatus* Utinomi, p.176, pl.22, fig.7a,b.

CA8320. *Balanus reticulatus* Utinomi, p.176, pl.22, fig.8a,b.

CA8321. *Balanus reticulatus* Utinomi, p.176, pl.22, fig.9a,b.

CA8322. *Balanus reticulatus* Utinomi, p.176, pl.22, fig.10a,b.

CA8323. *Balanus reticulatus* Utinomi, p.176, pl.22, fig.11.

CA8324. *Balanus reticulatus* Utinomi, p.176, pl.22, fig.12.

CA8325. *Balanus kondakovi* Tarasov and Zevina, p.176, pl.22, fig.13a,b.

Yamaguchi, T. (1977a,b): continued

CA8326. *Balanus kondakovi* Tarasov and Zevina, p.176, pl.22, fig.14a,b.

CA8327. *Balanus kondakovi* Tarasov and Zevina, p.176, pl.22, fig.15a,b.

CA8328. *Balanus kondakovi* Tarasov and Zevina, p.176, pl.22, figs.16a,b, 17a,b.

CA8329. *Balanus kondakovi* Tarasov and Zevina, p.176, pl.22, fig.18.

RA8330. *Balanus crenatus* Bruguière, p.182, pl.25, fig.1a-n, text-fig.20.

CA8331. *Balanus crenatus* Bruguière, p.182, pl.25, fig.2a,b.

CA8332. *Balanus crenatus* Bruguière, p.182, pl.25, fig.3a,b.

CA8333. *Balanus crenatus* Bruguière, p.182, pl.25, fig.4a,b.

CA8334. *Balanus crenatus* Bruguière, p.182, pl.25, fig.5a,b.

CA8335. *Balanus crenatus* Bruguière, p.182, pl.25, fig.6a,b.

CA8336. *Balanus crenatus* Bruguière, p.182, pl.25, fig.7a,b.

CA8337. *Balanus crenatus* Bruguière, p.182, pl.25, fig.8a,b.

CA8338. *Balanus crenatus* Bruguière, p.182, pl.25, fig.9a,b.

CA8339. *Balanus crenatus* Bruguière, p.182, pl.25, fig.10a,b.

CA8340. *Balanus crenatus* Bruguière, p.182, pl.25, fig.11a,b.

CA8341. *Balanus crenatus* Bruguière, p.182, pl.25, fig.12a,b.

CA8342. *Balanus crenatus* Bruguière, p.182, pl.25, fig.13a,b.

CA8343. *Balanus crenatus* Bruguière, p.182, pl.25, fig.14a,b.

CA8344. *Balanus crenatus* Bruguière, p.182, pl.25, fig.15a,b.

CA8345. *Balanus crenatus* Bruguière, p.182, pl.25, fig.16a,b.

CA8346. *Balanus crenatus* Bruguière, p.182, pl.25, fig.17a,b.

CA8347. *Balanus crenatus* Bruguière, p.182, pl.25, fig.18a,b.

CA8348. *Balanus crenatus* Bruguière, p.182, pl.25, fig.19.

CA8349. *Megabalanus volcano* (Pilsbry), p.187, pl.26, fig.1a,b.

CA8350. *Megabalanus volcano* (Pilsbry), p.187, pl.26, fig.2a,b.

CA8351. *Megabalanus volcano* (Pilsbry), p.187, pl.26, fig.3a,b.

CA8352. *Megabalanus volcano* (Pilsbry), p.187, pl.26, fig.4a,b.

CA8353. *Megabalanus volcano* (Pilsbry), p.187, pl.26, fig.5a,b.

CA8354. *Megabalanus volcano* (Pilsbry), p.187, pl.26, fig.6a,b.

CA8355. *Megabalanus volcano* (Pilsbry), p.187, pl.26, fig.7a,b.

CA8356. *Megabalanus volcano* (Pilsbry), p.187, pl.26, fig.8a,b.

CA8357. *Megabalanus volcano* (Pilsbry), p.187, pl.26, fig.9a,b.

CA8358. *Megabalanus volcano* (Pilsbry), p.187, pl.26, fig.10a,b.

Yamaguchi, T. (1977a,b): continued

CA8359. *Balanus (Megabalanus) rosa* Pilsbry, p.184, pl.26, fig.11a,b.

CA8360. *Balanus (Megabalanus) rosa* Pilsbry, p.184, pl.26, fig.12a,b.

CA8361. *Megabalanus volcano* (Pilsbry), p.187, pl.26, fig.13.

RA8362. *Balanus kondakovi* Tarasov and Zevina, p.176, text-fig.18 1-11.

RA8363. *Balanus kondakovi* Tarasov and Zevina, p.176, text-fig.18 12-15,17.

RA8364. *Balanus kondakovi* Tarasov and Zevina, p.176, text-fig.18 14,16.

RA8366. *Balanus albicostatus* Pilsbry, p.176, text-fig.16 1-11.

RA8367. *Balanus reticulatus* Utinomi, p.176, text-fig.17.

RA8368. *Solidobalanus (Hesperibalanus) hesperius* (Pilsbry), p.187, text-fig.22.

RA8376. *Balanus rostratus* Hoek, p.178, text-fig.19.

The following specimens, though not illustrated, were also treated in this paper.

Balanus amphitrite Darwin: RA8365, RA8370.

Balanus rostratus Hoek: RA8369 (missing), RA8373, RA8374, RA8375

Balanus albicostatus Pilsbry: RA8371

Balanus reticulatus Utinomi: RA8372

Solidobalanus (Hesperibalanus) hesperius (Pilsbry):RA8377, RA8378, RA8380, RA8381, RA8382, RA8383, RA8384

Yamaguchi, T. (1980): A new species belonging to the Balanus amphitrite Darwin group (Cirripedia, Balanomorpha) from the late Pleistocene of Japan; an example of peripheral speciation. *Jour. Paleont.*, vol.54, no.5, pp.1084-1101, pls.1-3, text-fig.1.

CA9950. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.1a-e, Holotype.

CA9951. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.2a,b; pl.3, fig.10, Paratype.

CA9952. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.3a,b, Paratype.

CA9953. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.4a,b, Paratype.

CA9954. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.5a,b, Paratype.

CA9955. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.6a,b; pl.3, fig.18a,b, Paratype.

Yamaguchi, T. (1980): continued

CA9956. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.7a,b, Paratype.

CA9957. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.8a,b; pl.3, fig.14, Paratype.

CA9958. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.9a,b, Paratype.

CA9959. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.10a,b, Paratype.

CA9960. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.11a,b, Paratype.

CA9961. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.12a,b, Paratype.

CA9962. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.13a,b, Paratype.

CA9963. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.14a,b, Paratype.

CA9964. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.5, Paratype.

CA9965. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.6, Paratype.

CA9966. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.19a,b, Paratype.

CA9967. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.20a,b, Paratype.

CA9968. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.21a,b, Paratype.

CA9969. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.22a,b, Paratype.

CA9970. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.15a,b, Paratype.

CA9971. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.16a,b, Paratype.

CA9972. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.17a,b, Paratype.

CA9973. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.18a,b, Paratype.

CA9974. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.19a,b, Paratype.

CA9975. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.1, fig.20a,b, Paratype.

CA9976. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.1a,b, Paratype.

Yamaguchi, T. (1980): continued

CA9977. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.2a,b, Paratype.

CA9978. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.3a,b, Paratype.

CA9979. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.4a,b, Paratype.

CA9980. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.5a,b, Paratype.

CA9981. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.6a,b, Paratype.

CA9982. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.7, Paratype.

CA9983. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.11, Paratype.

CA9984. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.15, Paratype.

CA9985. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.7a,b; pl.3, fig.13, Paratype.

CA9986. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.8a,b, Paratype.

CA9987. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.9a,b, Paratype.

CA9988. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.10a,b, Paratype.

CA9989. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.11a,b, Paratype.

CA9990. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.9, Paratype.

CA9991. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.17, Paratype.

CA9992. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.12a,b, Paratype.

CA9993. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.13a,b, Paratype.

CA9994. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.21a,b, Paratype.

CA9995. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.2, fig.22a,b, Paratype.

CA9996. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.1a,b, Paratype.

CA9997. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.2a,b, Paratype.

CA9998. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.3a,b, Paratype.

Yamaguchi, T. (1980): continued

CA9999. *Balanus amaraquaticus* Yamaguchi, p.1087, pl.3, fig.4a,b, Paratype.

Yamaguchi, T. (1982): Japanese Miocene crriped Balanus sendaicus: a comparison with Tethyan Balanus concavus group. *Trans. Proc. Palaeont. Soc. Japan,* N. S., no.125, pp.277-295, pls.44-48, text-figs.1,2.

CA9641. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.45, fig.1a-c.

CA9642. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.45, fig.2a-j.

CA9643. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.45, fig.3a-k.

CA9644. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.45, fig.4a,b.

CA9645. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.45, fig.5.

CA9646. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.45, fig.6a,b.

CA9647. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.45, fig.8a,b.

CA9648. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.45, fig.9a,b.

CA9649. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.1a,b; pl.47, fig.16.

CA9650. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.2a,b.

CA9651. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.3a,b; pl.47, fig.17.

CA9652. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.4a,b; pl.47, fig.18.

CA9653. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.5a,b; pl.47, fig.19.

Ca9654. *Balanus sendaicus* Hanai, Masuda and Noda, p.286, pl.46, fig.6a,b.

CA9655. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.7a,b.

CA9656. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.8a-c.

CA9657. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.9a,b.

CA9658. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.10a,b.

CA9659. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.11a,b.

CA9660. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.12a,b.

CA9661. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.13a,b; pl.47, fig.15.

CA9662. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.14a,b.

CA9663. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.15a,b.

CA9664. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.16a,b.

Yamaguchi, T. (1982): continued

CA9665. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.17a,b.
CA9666. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.18a,b.
CA9667. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.19a,b.
CA9668. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.20a,b.
CA9669. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.21a,b.
CA9670. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.46, fig.22a,b.
CA9671. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.1a,b.
CA9672. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.2a,b.
CA9673. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.3a,b.
CA9674. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.4a,b.
CA9675. *Balanus sendaicus* Hataim Masuda and Noda, p.286, pl.47, fig.5a,b.
CA9676. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.6a,b.
CA9677. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.7a,b.
CA9678. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.8a,b.
CA9679. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.9a,b.
CA9680. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.10a,b.
CA9681. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.11a,b.
CA9682. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.12a,b.
CA9683. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.13a,b.
CA9684. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.14a,b.
CA9685. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.20.
CA9686. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.21, text-fig.1.
CA9687. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.47, fig.22.
CA9688. *Balanus sendaicus* Hatai, Masuda and Noda, p.286, pl.45, fig.7a,b.

Yokoyama, M. (1910a): On some Brachiopoda from the Neogene of Koshiba. *Jour. Geol. Soc. Tokyo,* vol.17, pp.1-4, pl.5.

CB20692. *Terebratulina Crossii* Davidson, p.1, pl.5, fig.2.

CB20693. *Terebratulina Crossii* Davidson, p.1, pl.5, fig.3.

CB20694. *Terebratulina Crossii* Davidson, p.1, pl.5, fig.1. (missing)

CB20697. *Terebratulina Cailleti* Crosse, p.2, pl.5, fig.10.

CB20699. *Terebratulina Cailleti* Crosse, p.2, pl.5, fig.11.

CB20700. *Terebratulina Cailleti* Crosse, p.2, pl.5, fig.12.

CB20702. *Terebratulina Quantoensis* Yokoyama, p.2, pl.5, fig.7a,b, Syntype.

CB20703. *Terebratulina Quantoensis* Yokoyama, p.2, pl.5, fig.8, Syntype.

CB20704. *Terebratulina Quantoensis* Yokoyama, p.2, pl.5, fig.9, Syntype.

CB20705. *Terebratulina Quantoensis* Yokoyama, p.2, pl.5, fig.4, Syntype. (missing)

CB20707. *Terebratulina Quantoensis* Yokoyama, p.2, pl.5, fig.5, Syntype.

CB20712. *Terebratella Nipponensis* Yokoyama, p.3, pl.5, figs.13-16, Holotype.

Yokoyama, M. (1910b): On species of Limopsis found in the Neogene of Koshiba. *Jour. Geol. Soc. Tokyo,* vol.17, pp.1-5, pl.9.

CM20652. *Limopsis Tokaiensis* Yokoyama, p.1, pl.9, fig.2, Syntype.

CM20679. *Limopsis* sp., p.4, pl.9, fig.12.

CM24523. *Limopsis Tokaiensis* Yokoyama, p.1, pl.9, fig.1, Syntype. (missing)

CM24524. *Limopsis Tokaiensis* Yokoyama, p.1, pl.9, fig.6, Syntype. (missing)

CM24525. *Limopsis Tokaiensis* Yokoyama, p.1, pl.9, fig.7, Syntype. (missing)

CM24526. *Limopsis Azumana* Yokoyama, p.3, pl.9, fig.17, Syntype. (missing)

CM26394. *Limopsis Tokaiensis* Yokoyama, p.1, pl.9, fig.3, Syntype.

CM26395. *Limopsis Tokaiensis* Yokoyama, p.1, pl.9, fig.5, Syntype.

CM26396. *Limopsis Tokaiensis* var. *elongata* Yokoyama, p.2, pl.9, fig.4, Holotype.

CM26397. *Limopsis crenata* Adams, p.3, pl.9, fig.8.

CM26398. *Limopsis crenata* Adams, p.3, pl.9, fig.9.

CM26399. *Limopsis crenata* Adams, p.3, pl.9, fig.10.

Yokoyama, M. (1910b): continued

CM26400. *Limopsis crenata* Adams, p.3, pl.9, fig.11.
CM26402. *Limopsis Azumana* Yokoyama, p.3, pl.9, fig,16, Syntype.
CM26403. *Limopsis Azumana* Yokoyama, p.3, pl.9, fig.18, Syntype.
CM26404. *Limopsis truncata* Yokoyama, p.4, pl.9, fig.13, Syntype.
CM26405. *Limopsis truncata* Yokoyama, p.4, pl.9, fig.14, Syntype.

Yokoyama, M. (1910c): On the occurrence of Coronula diadema L. in the Tertiary of Koshiba. *Jour. Geol. Soc. Tokyo*, vol.17, pp.227-229, figs.1-2.

CA24527. *Coronula diadema* Linné, p.227, fig.1.
CA24528. *Coronula diadema* Linné, p.227, fig.2.
CA24529. *Coronula diadema* Linné, p.227.

Yokoyama, M. (1911a): Pectens from the Koshiba Neogene. *Jour. Geol. Soc. Tokyo,* vol.18, pp.1-5, pl.1.

CM20546. *Pecten irregularis* Sowerby, p.2, pl.1, fig.5.
CM20547. *Pecten irregularis* Sowerby, p.2, pl.1, fig.6.
CM20548. *Pecten irregularis* Sowerby, p.2, pl.1, fig.7.
CM20549. *Pecten vesiculosus* Dunker, p.1, pl.1, fig.10. (missing)
CM20550. *Pecten vesiculosus* Dunker, p.1, pl.1, fig.8. (missing)
CM20551. *Pecten vesiculosus* Dunker, p.1, pl.1, fig.9.
CM20554. *Pecten tigerrinus* Müller, p.3, pl.1, fig.12.
CM20555. *Pecten tigerrinus* Müller, p.3, pl.1, fig.11.
CM20556. *Pecten cosibensis* Yokoyama, p.4, pl.1, fig.3, Syntype.
CM20557. *Pecten cosibensis* Yokoyama, p.4, pl.1, fig.4, Syntype.
CM20567. *Pecten Tokunagai* Yokoyama, p.4, pl.1, fig.2, Holotype.
CM20577. *Pecten yessoensis* Jay, p.2, pl.1, fig.13.
CM20578. *Pecten yessoensis* Jay, p.2, pl.1, fig.14.
CM24530. *Pecten similis* Lasky, p.3, pl.1, fig.1. (missing)

Yokoyama, M. (1911b): Some Tertiary fossils from the Miike Coalfield. *Jour. Coll. Sci. Imp. Univ. Tokyo,* vol.27, art.20, pp.1-16, pls.1-3.

CP20001. *Cycas Fujiiana* Yokoyama, p.4, pl.1, fig.7. Holotype.

Yokoyama, M. (1911b): continued.

CE20003. *Pentacrinus ariakensis* Yokoyama, p.5, pl.1, fig.6, Syntype.

CB20004. *Terebratula miikensis* Yokoyama, p.6, pl.3, fig.6a,b, Holotype.

CM20005. *Perna Nishiyamai* Yokoyama, p.7, pl.1, fig.1a,b, Holotype.

CM20006. *Pholadomya margaritacea* (Sowerby), p.7, pl.1, fig.2a,b.

CM20007. *Pholadomya nargaritacea* (Sowerby), p.7, pl.1, fig.3a,b.

CM20008. *Pholadomya margaritacea* (Sowerby), p.7, pl.1, fig.4.

CM20009. *Crassatella fusca* Yokoyama, p.8, pl.2, fig.1a,b, Syntype.

CM20010. *Crassatella fusca* Yokoyama, p.8, pl.2, fig.2a,b, Syntype.

CM20011. *Crassatella fusca* Yokoyama, p.8, pl.2, fig.3a,b, Syntype.

CM20012. *Crassatella fusca* Yokoyama, p.15, pl.2, fig.4, Syntype.

CM20013. *Crassatella fusca* Yokoyama, p.8, pl.2, fig.5, Syntype.

CM20014. *Crassatella fusca* Yokoyama, p.8, pl.2, fig.6a,b, Syntype.

CM20016. *Venericardia nipponica* Yokoyama, p.8, pl.3, fig.5a,b, Syntype.

CM20017. *Cardita mandaica* Yokoyama, p.9, pl.2, fig.8, Syntype.

CM20018. *Cardita mandaica* Yokoyama, p.9, pl.2, fig.9a,b, Syntype.

CM20019. *Cardita mandaica* Yokoyama, p.9, pl.2, fig.10, Syntype.

CM20020. *Cardita mandaica* Yokoyama, p.9, pl.2, fig.11, Syntype.

CM20022. *Venus Mitsuiana* Yokoyama, p.10, pl.1, fig.5a,b, Holotype.

CM20023. *Fusus* sp., p.10, pl.2, fig.7.

CM20025. *Aturia ziczac* (Sowerby), p.11, pl.3, fig.1a,b.

CM20026. *Aturia ziczac* (Sowerby), p.11, pl.3, fig.8a,b.

CA20027. *Homolopsis japonicus* Yokoyama, p.12, pl.3, fig.4, Holotype.

CA20028. *Xanthilites pentagonalis* Yokoyama, p.13, pl.3, fig.3, Holotype.

CV20030. *Lamna* cf. *cuspidata* Agassiz, p.14, pl.3, fig.7. (missing)

CM20031. *Lima amaxensis* Yokoyama, p.15, pl.3, fig.2, Holotype.

The following specimens, though not illustrated, were also described in this paper.

Cedroxylon sp.: CP20002 (missing)

Crassatella fusca Yokoyama: CM20015, Syntype

Cardita mandaica Yokoyama: CM20021, Syntype

Fusus sp.: CM20024

Xanthilites pentagonalis Yokoyama: CA20029, Syntype

Venericardia nipponica Yokoyama: CM20032

Yokoyama, M. (1911c): Climatic changes in Japan since the Pliocene epoch. *Jour. Coll. Sci. Imp. Univ. Tokyo,* vol.32, art.5, pp.1-16, pl.1.

CC22004. *Heliastraea* sp., p.8, pl.1, fig.1. (missing)

CC22005. *Heliastraea* sp., p.8, pl.1, fig.2.

CC22006. *Madrepora* sp., p.8, pl.1, fig.3.

CM22007 [= CM21981]. *Perna marsupium* Lamarck, p.8, pl.1, fig.4.

CM22008. *Cypraea carneola* Linné, p.8, pl.1, fig.5. (missing)

CM22009. *Cytherea tigrina* Lamarck, p.8, pl.1, fig.6. (missing)

CM22010. *Triton obscurus* Reeve, p.8, pl.1, fig.7.

CM22011. *Arca fusca* Bruguière, p.8, pl.1, fig.8.

CM22012 [= CM21823]. *Triton costatus* Born, pl.1, fig.9.

Yokoyama, M. (1913): On two new fossil Cephalopoda from the Tertiary of Izumo. *Jour. Geol. Soc. Tokyo,* vol.20, pp.1-3, pls.7,8.

CM4680. *Argonauta tokunagai* Yokoyama, p.1, pl.7, figs.1-3, Syntype.

CM4690. *Argonauta tokunagai* Yokoyama, p.1, pl.8, figs.1,2, Syntype.

CM24531. *Nautilus izumoensis* Yokoyama, p.2, pl.8, figs.3-5, Holotype.

Yokoyama, M. (1920): Fossils from the Miura Peninsula and its immediate north. *Jour. Coll. Sci. Imp. Univ. Tokyo,* vol.39, art.6, pp.1-193, pls. 1-20.

CM20033. *Retusa minima* Yamakawa, p.26, pl.1, fig.1a-c.

CM20035. *Volvula acuminata* (Bruguière), p.26, pl.1, fig.2a-c.

CM20036. *Cylichna musashiensis* Tokunaga, p.27, pl.1, fig.4a,b.

CM20037. *Cylichna braunsi* Yokoyama, p.28, pl.1, fig.5a,b, Syntype.

CM20039. *Cylichna sibaensis* Yamakawa, p.28, pl.1, fig.6a,b.

CM20043. *Cylichna yamakawai* Yokoyama, p.29, pl.1, fig.7a-d, Syntype.

CM20045. *Cylichna orientalis* Yokoyama, p.30, pl.1, fig.9a-c, Holotype.

CM20046. *Ringicula musashinoensis* Yokoyama, p.30, pl.1, fig.3a,b, Syntype. (missing)

CM20047. *Ringicula musashinoensis* Yokoyama, p.30, pl.1, fig.8a,b, Syntype. (missing)

CM20052. *Terebra lischkeana* Dunker, p.31, pl.1, fig.10a-c.

CM20053. *Terebra recticostata* Yokoyama, p.32, pl.1, fig.11a,b, Holotype.

Yokoyama, M. (1920): continued

CM20055. *Terebra naumanni* Yokoyama, p.32, pl.1, fig.12a,b, Syntype.

CM20056. *Terebra tokunagai* Yokoyama, p.33, pl.1, fig.13a,b, Holotype.

CM20057. *Conus sieboldi* Reeve, p.34, pl.1, fig.14.

CM20058. *Conus tuberculatus* Yokoyama, p.34, pl.1, fig.15a,b, Syntype.

CM20059. *Conus tuberculatus* Yokoyama, p.34, pl.1, fig.16a-c, Syntype.

CM20062. *Pleurotoma kamakurana* Pilsbry, p.35, pl.1, fig.17a,b.

CM20066. *Pleurotoma mediocarinata* Yokoyama, p.36, pl.1, fig.18a,b, Holotype.

CM20067. *Pleurotoma (Drillia) principalis* (Pilsbry), p.36, pl.1, fig.20 a,b.

CM20070. *Pleurotoma (Drillia) pseudo-principalis* Yokoyama, p.37, pl.1, fig,21a-c, Syntype.

CM20073. *Pleurotoma (Drillia) quantoana* Yokoyama, p.38, pl.1, fig.22a,b, Holotype. (missing)

CM20074. *Pleurotoma (Drillia) cosibensis* Yokoyama, p.38, pl.1, fig.26a-c, Syntype.

CM20075. *Pleurotoma (Drillia) nivalioides* Yokoyama, p.39, pl.1, fig.27a,b, Syntype.

CM20077. *Pleurotoma (Drillia) benten* Yokoyama, p.40, pl.1, fig.23a,b, Holotype.

CM20078. *Pleurotoma (Drillia) braunsi* Yokoyama, p.40, pl.1, fig.25a,b, Syntype.

CM20081. *Pleurotoma (Mangilia) deshayesii* Dunker, p.41, pl.1, fig.24a,b.

CM20082. *Pleurotoma (Mangilia) miyatensis* Yokoyama, p.42, pl.5, fig.2a,b, Syntype.

CM20085. *Pleurotoma (Surcula ?) nojimensis* Yokoyama, p.42, pl.1, fig.19a, b, Holotype.

CM20086. *Pleurotoma (Bela ?) glabra* Yokoyama, p.43, pl.2, fig.1a-c, Holotype.

CM20087. *Cancellaria spengleriana* Deshayes, p.44, pl.2, fig.2a,b.

CM20088. *Cancellaria spengleriana* Deshayes, p.44, pl.2, fig.3a,b.

CM20091. *Admete viridula* (Fabricius), p.45, pl.2, fig.5a,b.

CM20092. *Voluta megaspira* Sowerby, p.46, pl.2, fig.18a,b.

CM20100. *Mitra ebenus* Lamarck, p.47, pl.2, fig.4a,b.

CM20101. *Mitra fusiformis* (Brocchi), p.47, pl.2, fig.6a,b.

CM20103. *Mitra plicifera* Yokoyama, p.48, pl.2, fig.16a,b, Syntype.

Yokoyama, M. (1920): continued

CM20105. *Mitra (Costellaria) emmae* Yokoyama, p.49, pl.6, fig.4a,b, Holotype. (missing)

CM20107. *Fusus niponicus* Smith, pl.49, pl.2, fig.7.

CM20109. *Fusus perplexus* A. Adams, p.50, pl.2, fig.17.

CM20111. *Chrysodomus phoeniceus* Dall, p.50, pl.2, fig.8. (missing)

CM20112. *Chrysodomus phoeniceus* Dall, p.50, pl.2, fig.9a,b.

CM20113. *Chrysodomus phoeniceus* Dall, p.50, pl.2, fig.10a,b.

CM20116. *Chrysodomus schrencki* Yokoyama, p.51, pl.3, fig.1a,b, Syntype.

CM20120. *Sipho obesiformis* Yokoyama, p.52, pl.3, fig.13a,b, Syntype.

CM20122. *Siphonalia dilatata* (Quoy), p.52, pl.2, fig.12.

CM20123. *Siphonalia spadicea* (Reeve), p.53, pl.3, fig.8a,b.

CM20124. *Siphonalis spadicea* (Reeve), p.53, pl.3, fig.9a,b.

CM20125. *Siphonalia spadicea* (Reeve), p.53, pl.3, fig.10a,b.

CM20126. *Siphonolia spadicea* (Reeve), p.53, pl.3, fig.11a,b.

CM20130. *Siphonalia trochulus* (Reeve), p.54, pl.2, fig.14.

CM20131. *Siphonalia fuscolineata* Pease, p.54, pl.2, fig.15.

CM20132. *Siphonalia stearnsii* Pilsbry, p.54, pl.3, fig.3a,b. (missing)

CM20133. *Siphonalia stearnsii* Pilsbry, p.54, pl.3, fig.4a,b.

CM20134. *Buccinum leucostoma* Lischke, p.55, pl.2, fig.11.

CM20136. *Volutharpa perryi* Jay, p.55, pl.3, fig.12.

CM20137. *Nassa (Hima) japonica* A. Adams, p.56, pl.3, fig.5a,b.

CM20139. *Nassa (Hima) festiva* Powis, p.57, pl.3, fig.6a,b.

CM20141. *Nassa (Niotha) livescens* Philippi, p.58, pl.3, fig.18a,b.

CM20148. *Columbella (Mitrella) dunkeri* Tryon, p.59, pl.3, fig.15a,b.

CM20153. *Columbella (Atilia) burchardi* (Dunker), p.59, pl.3, fig.7a,b.

CM20156. *Trophon subclavatus* Yokoyama, p.60, pl.3, fig.2a,b, Syntype.

CM20158. *Trophon nipponicus* Yokoyama, p.61, pl.3, fig.13a,b, Syntype.

CM20159. *Trophon nipponicus* Yokoyama, p.61, pl.3, fig.14, Syntype.

CM20162. *Trophon muricatoides* Yokoyama, p.61, pl.3, fig.17a,b. Holotype.

CM20163. *Trophon inermis* (Sowerby), p.62, pl.3, fig.21.

CM20168. *Purpura luteostoma* (Chemnitz), p.63, pl.3, fig.27a,b.

CM20170. *Purpura alveolata* Reeve, p.64, pl.3, fig.16a,b.

CM20171. *Triton (Priene) oregonensis* Redfield, p.64, pl.3, fig.19.

Yokoyama, M. (1920): continued

CM20172. *Triton (Priene) oregonensis* Redfield, p.64, pl.3, fig.20a,b.

CM20176. *Triton subpyrum* Yokoyama, p.65, pl.4, fig.3a,b, Syntype.

CM20177. *Triton subpyrum* Yokoyama, p.65, pl.4, fig.4, Syntype.

CM20179. *Dolium luteostomum* Küster, p.66, pl.4, fig.2a,b.

CM20184. *Cerithium kobelti* Dunker, p.66, pl.4, fig.10a,b.

CM20186. *Bittium perpusillum* Tryon, p.67, pl.4, fig.13a,b.

CM20187. *Bittium binodulosum* Yokoyama, p.68, pl.4, fig.8, Holotype.

CM20188. *Potamides (Tympanotonos) fluviatilis* (Potiez et Michaud), p.68, pl.4, fig.14a,b. (missing)

CM20189. *Potamides (Batillaria) multiformis* (Lischke), p.69, pl.4, fig.9a, b.

CM20191. *Triforis otsuensis* Yokoyama, p.69, pl.4, fig.11a,b, Holotype.

CM20192. *Trichotropis planicostata* Yokoyama, p.70, pl.4, fig.6, Holotype.

CM20193. *Thylacodes medusae* Pilsbry, p.71, pl.4, fig.7.

CM20196. *Turritella nipponica* Yokoyama, p.71, pl.4, fig.16, Syntype.

CM20197. *Turritella nipponica* Yokoyama, p.71, pl.4, fig.17.

CM20198. *Turritella nipponica* Yokoyama, p.71, pl.4, fig.18, Syntype. (missing)

CM20199. *Turritella nipponica* Yokoyama, pl.71, pl.4, fig.19, Syntype.

CM20205. *Solarium lenticulatum* Yokoyama, p.72, pl.4, fig.21a,b, Syntype.

CM20207. *Rissoina submerculialis* Yokoyama, p.73, pl.4, fig.15a,b, Holotype.

CM20208. *Rissoina zeltnerioides* Yokoyama, p.73, pl.4, fig.20a,b, Holotype.

CM20209. *Fenella orientalis* Yokoyama, p.74, pl.4, fig.12a,b, Syntype.

CM20211. *Skenea nipponica* Yokoyama, p.75, pl.5, fig.1a,b, Syntype. (missing)

CM20213. *Calyptraea mammilaris* (Broderip), p.75, pl.4, fig.5a-c.

CM20214. *Crepidula orbella* Yokoyama, p.76, pl.4, fig.22a-c, Syntype. (missing)

CM20215. *Crepidula orbella* Yokoyama, p.76, pl.4, fig.23a-c, Syntype. (missing)

CM20217. *Natica janthostoma* Deshayes, p.76, pl.5, fig.3.

CM20218. *Natica janthostoma* Deshayes, p.76, pl.5, fig.4a,b.

CM20231. *Pollinices* [error of *Polinices*] *pallidus* (Broderip et Sowerby), p.77, pl.4, fig.1a-c. (missing)

Yokoyama, M. (1920): continued

CM20232. *Polinices (Neverita) ampla* (Philippi), p.77, pl.5, fig.5a,b.

CM20233. *Polinices (Neverita) ampla* (Philippi), p.77, pl.5, fig.6a,b. (missing)

CM20237. *Scalaria turriculoides* Yokoyama, p.78, pl.5, fig.12, Holotype.

CM20238a. *Scalaria (Acrilla) densicostata* Yokoyama, p.79, pl.5, fig.14a, c, Syntype. (missing)

CM20238b. *Scalaria (Acrilla) densicostata* Yokoyama, p.79, pl.5, fig.14b, Syntype. (missing)

CM20239. *Eulima (Leiostraca) yokoskensis* Yokoyama, p.79, pl.5, fig.7a,b, Holotype.

CM20240. *Eulima (Leiostraca) sagamiana* Yokoyama, p.80, pl.5, fig.8a,b, Holotype.

CM20241. *Pyramidella (Tiberia) psendo-pulchella* [error of *pseudo-pulchella]* Yokoyama, p.80, pl.5, fig.11a,b, Holotype.

CM20243. *Odostomia (Odostomia) hilgendorffi* Clessin, p.81, pl.5, fig.9a,b.

CM20245. *Odostomia (Parthenina) takinogawensis* Tokunaga, p.82, pl.5, fig. 10a,b,.

CM20246. *Odostomia (Odostomia) sublimpida* Yokoyama, p.82, pl.5, fig.13a, b, Syntype.

CM20248. *Turbonilla (Cingulina) adamsi* Yokoyama, p.83, pl.5, fig.17a,b, Syntype.

CM20250. *Turbonilla (Chemnitzia) subapproximata* Yokoyama, p.83, pl.5, fig.16a,b, Holotype.

CM20251. *Turbonilla (Mormula) tokunagai* Yokoyama, p.84, pl.5, fig.18a,b, Holotype.

CM20252a. *Turbo (Marmorostoma) coreensis* Récluz, p.84, pl.5, figs.19a-b.

CM20252b. *Turbo (Marmorostoma) coreensis* Récluz [operculum], p.84, pl.5, fig.20a-c.

CM20254. *Leptothyra amussitata* (Gould), p.85, pl.5, fig.21a,b.

CM20258. *Leptothyra purpurescens* (Dunker), p.86, pl.5, fig.22a,b.

CM20265. *Leptothyra* cf. *paucicostata* Dall, p.86, pl.5, fig.15a,b.

CM20266. *Chlorostoma miyatense* Yokoyama, p.87, pl.5, fig.33a-c, Syntype.

CM20267. *Chlorostoma quantoanum* Yokoyama, p.88, pl.5, fig.24a-d, Holotype.

CM20268. *Chlorostoma tokunagai* Yokoyama, p.88, pl.5, fig.25a-d, Holotype.

CM20269. *Cantharidus japonicus* (A. Adams), p.89, pl.5, fig.26a,b. (missing)

CM20270. *Bembix crumpii* (Pilsbry), p.90, pl.5, fig.27. (missing)

Yokoyama, M. (1920): continued

CM20271. *Bembix crumpii* (Pilsbry), p.90, pl.5, fig.28.

CM20276. *Bembix convexiusculum* Yokoyama, p.90, pl.5, fig.32a,b, Syntype.

CM20278. *Margarita umbilicalis* Broderip et Sowerby, pl.91, pl.5, fig.29.

CM20280. *Margarita cinerea* Couthony, p.91, pl.5, fig.30.

CM20281. *Turcica imperialis* A. Adams, p.92, pl.5, fig.31.

CM20282. *Calliostoma cipangoanum* Yokoyama, p.93, pl.5, fig.23a,b, Holotype. (missing)

CM20283. *Calliostoma sagamianum* Yokoyama, p.93, pl.6, fig.1a,b, Holotype.

CM20284. *Euchelus fenestratus* Yokoyama, p.94, pl.6, fig.2a,b, Holotype.

CM20285. *Umbonium giganteum* (Lesson), p.94, pl.6, fig.5.

CM20286. *Umbonium costatum* (Valenciennes), p.95, pl.6, fig.6

CM20287. *Cyclostrema duplicatum* Lischke, p.95, pl.6, fig.8a-c.

CM20288. *Macroschisma sinensis* A. Adams, p.96, pl.6, fig.3.

CM20291. *Fissuridea* cf. *tanneri* (Verrill), p.96, pl.6, fig.18a,b.

CM20292. *Puncturella subconica* Yokoyama, p.97, pl.6, fig.7a,b, Holotype.

CM20294. *Emarginula fragilis* Yokoyama, p.98, pl.6, fig.10a,b, Holotype.

CM20295. *Emarginula* sp., p.99, pl.6, fig.15a,b.

CM20297. *Acmaea heroldi* (Dunker), p.99, pl.6, fig.12a,b.

CM20300. *Acmaea kuragiensis* Yokoyama, p.100, pl.6, fig.9a,b, Holotype.

CM20301. *Acmaea nojimensis* Yokoyama, p.100, pl.6, fig.11a,b, Holotype.

CM20302. *Helcioniscus pallidus* (Gould), p.101, pl.6, fig.16a,b.

CM20303. *Helcioniscus pallidus* (Gould), p.101, pl.6, fig.17a,b.

CM20306. *Dentalium complexum* Dall, p.101, pl.6, fig.27.

CM20314. *Dentalium weinkauffi* Dunker, p.102, pl.6, figs.19-21.

CM20320. *Dentalium octogonum* Lamarck, p.103, pl.6, fig.22. (missing)

CW20325. *Dentalium edoense* Tokunaga, p.103, pl.6, fig.28.

CW20328. *Cadulus gordonis* Yokoyama, p.104, pl.6, fig.25, Syntype.

CW20329. *Cadulus gordonis* Yokoyama, p.104, pl.6, fig.26, Syntype.

CM20330. *Pholas fragilis* Sowerby, p.104, pl.6, fig.29.

CM20333. *Jouannetia japonica* Yokoyama, p.105, pl.7, fig.1a-c, Syntype.

CM20335. *Saxicava orientalis* Yokoyama, p.106, pl.7, fig.2a,b, Syntype.

CM20336. *Saxicava orientalis* Yokoyama, p.106, pl.7, fig.3, Syntype.

CM20337. *Pholadomya japonica* Yokoyama, p.106, pl.6, fig.31a-c, Syntype.

Yokoyama, M. (1920): continued

CM20338. *Pholadomya japonica* Yokoyama, p.106, pl.6, fig.30a,b, Syntype.
CM20339. *Corbula venusta* Gould, p.107, pl.7, figs.4a,b,5a,b,6.
CM20348. *Basterotia gouldii* (A. Adams), p.108, pl.7, fig.7a,b.
CM20349. *Basterotia trapezium* Yokoyama, p.108, pl.7, fig.8a,b, Syntype.
CM20350. *Basterotia trapezium* Yokoyama, p.108, pl.7, fig.9a,b, Syntype.
CM20351. *Ervilia otsuensis* Yokoyama, p.109, pl.7, fig.21a,b, Syntype.
CM20352. *Ervilia otsuensis* Yokoyama, p.109, pl.7, fig.22, Syntype.
CM20353. *Mactra veneriformis* Deshayes, p.109, pl.7, fig.10a,b.
CM20355. *Lutraria radiata* Yokoyama, p.110, pl.7, fig.11a,b, Syntype.
CM20358. *Solen gordonis* Yokoyama, p.111, pl.7, fig.23a,b, Syntype.
CM20360. *Solecurtus abbreviatus* Gould, p.111, pl.7, fig.12a,b.
CM20361. *Solecurtus abbreviatus* Gould, p.111, pl.7, fig.13a,b. (missing)
CM20363. *Solecurtus divaricatus* (Lischke), p.112, pl.7, fig.14.
CM20364. *Tellina nitidula* Dunker, p.112, pl.7, fig.15a,b.
CM20366. *Tellina ojiensis* Tokunaga, p.113, pl.7, fig.16a,b.
CM20367. *Tellina ojiensis* Tokunaga, p.113, pl.7, fig.17a,b.
CM20370. *Tellina vestalioides* Yokoyama, p.114, pl.7, fig.25a,b, Syntype.
CM20372. *Tellina serricostata* Tokunaga, p.115, pl.7, fig.24a,b.
CM20374. *Tellina miyatensis* Yokoyama, p.115, pl.7, fig.18a,b, Holotype.
CM20375. *Macoma dissimilis* (Martens), p.116, pl.7, fig.19a,b.
CM20376. *Macoma dissimilis* (Martens), p.116, pl.7, fig.20.
CM20378. *Macoma inquinata* (Deshayes), p.117, pl.8, fig.1a,b.
CM20379. *Macoma inquinata* (Deshayes), p.117, pl.8, fig.2a,b. (missing)
CM20381. *Macoma nipponica* (Tokunaga), p.117, pl.8, fig.3.
CM20382. *Macoma nipponica* (Tokunaga), p.117, pl.8, fig.4.
CM20385. *Dosinia troscheli* Lischke, p.119, pl.8, fig.5.
CM20386. *Dosinia troscheli* Lischke, p.119, pl.8, fig.6.
CM20388. *Cyclina chinensis* (Chemnitz), p.119, pl.8, fig.7.
CM20389. *Cyclina chinensis* (Chemnitz), p.119, pl.8, fig.8.
CM20391. *Meretrix (Callista) chinensis* (Chemnitz), p. 120, pl.8, fig.9.
CM20392. *Meretrix (Callista) chinensis* (Chemnitz), p.120, pl.8, fig.10.
CM20394. *Venus jedoensis* Lischke, p.120, pl.8, fig.11.
CM20395. *Venus jedoensis* Lischke, p.130, pl.8, fig.12.

Yokoyama, M. (1920): continued

CM20401. *Chione isabellina* (Philippi), p.121, pl.8, fig.13a,b.

CM20403. *Chione minuta* Yokoyama, p.122, pl.8, fig.14, Syntype. (missing)

CM20405. *Circe scripta* (Linné), p.123, pl.8, fig.15. (missing)

CM20406. *Circe scripta* (Linné), p.123, pl.8, fig.16. (missing)

CM20407. *Venerupis irus* (Linné), p.123, pl.9, fig.1a,b.

CM20410. *Venerupis insignis* Deshayes, p.124, pl.9, fig.2a,b.

CM20411. *Venerupis insignis* Deshayes, p.124, pl.9, fig.3a,b.

CM20414. *Tapes variegatus* Hanley, p.125, pl.9, fig.4.

CM20415. *Tapes variegatus* Hanley, p.125, pl.9, fig.5a,b.

CM20417. *Tapes philippinarum* (A. Adams et Reeve), p.125, pl.9, fig.6a,b.

CM20419. *Tapes amabilis* (Philippi), p.126, pl.9, fig.7a,b.

CM20420. *Saxidomus purpuratus* (Sowerby), p.127, pl.9, fig.8.

CM20421. *Saxidomus purpuratus* (Sowerby), p.127, pl.9, fig.9.

CM20426. *Cardium californiense* Deshayes, p.127, pl.9, fig.10a,b.

CM20431. *Cardium muticum* Reeve, p.128, pl.9, fig.11a,b.

CM20435. *Cardium modestum* A. Adams et Reeve, p.128, pl.9, fig.12a,b. (missing)

CM20436. *Cardium modestum* A. Adams et Reeve, p.128, pl.9, fig.13. (missing)

CM20438. *Cardium braunsi* Tokunaga, p.129, pl.10, fig.1a,b.

CM20439. *Diplodonta usta* (Gould), p.130, pl.9, fig.14.

CM20440. *Diplodonta usta* (Gould), p.130, pl.9, fig.15.

CM20441. *Diplodonta usta* (Gould), p.130, pl.9, fig.16.

CM20444. *Diplodonta semiaspera* (Philippi), p.131, pl.10, fig.2a,b. (missing)

CM20445. *Diplodonta semiaspera* (Philippi), p.131, pl.10, fig.3. (missing)

CM20448. *Diplodonta japonica* Pilsbry, p.131, pl.10, fig.4a,b.

CM20449. *Diplodonta gouldi* Yokoyama, p.132, pl.10, fig.5a-c, Syntype.

CM20451. *Lucina pisidium* Dunker, p.132, pl.10, fig.6a-c.

CM20454. *Lucina borealis* (Linné), p.133, pl.10, fig.7a,b. (missing)

CM20457. *Lucina contraria* Dunker, p.134, pl.10, fig.8a,b.

CM20460. *Lucina spectabilis* Yokoyama, p.134, pl.10, figs.10,11, Syntype. (missing)

CM20461. *Lucina spectabilis* Yokoyama, p.134, pl.10, fig.12, Syntype.

Yokoyama, M. (1920): continued

CM20462. *Lucina yamakawai* Yokoyama, p.135, pl.10, fig.9a,b, Holotype.

CM20463. *Chama semipurpurata* Lischke, p.136, pl.10, fig.13a-c.

CM20464. *Chama semipurpurata* Lischke, p.136, pl.10, fig.14a-c.

CM20468. *Cardita variegata* Bruguière, p.136, pl.10, fig.16a-c.

CM20469. *Cardita cumingiana* Dunker, p.137, pl.10, fig.15a-c.

CM20470. *Venericardia cipangoana* Yokoyama, p.137, pl.11, fig.2a-c, Syntype.

CM20475. *Venericardia ferruginea* Adams, p.139, pl.11, fig.3a-c. (missing)

CM20476. *Venericardia ferruginea* Adams, p.139, pl.11, fig.4a-c.

CM20486. *Astarte hakodatensis* Yokoyama, p.140, pl.11, fig.5a-c, Syntype.

CM20487. *Astarte hakodatensis* Yokoyama, p.140, pl.11, fig.6a-c, Syntype.

CM20491. *Woodia concentrica* Yokoyama, p.141, pl.11, fig.7a-c, Syntype.

CM20493. *Crassatella heteroglypta* (Pilsbry), p.141, pl.11, fig.10.

CM20494. *Crassatella heteroglypta* (Pilsbry), p.141, pl.11, fig.11. (missing)

CM20497. *Crassatella oblongata* Yokoyama, p.142, pl.11, fig.8a-c, Syntype.

CM20498. *Crassatella oblongata* Yokoyama, p.142, pl.11, fig.9a-c, Syntype.

CM20501. *Myodora reeviana* Smith, p.143, pl.11, fig.12a,b.

CM20502. *Myodora reeviana* Smith, p.143, pl.11, fig.13a-d.

CM20503. *Myodora triangularis* A. Adams, p.144, pl.11, fig.14a,b.

CM20504. *Myodora triangularis* A. Adams, p.144, pl.11, fig.15a,b.

CM20506. *Mytilus hirsutus* Lamarck, p.144, pl.11, fig.16a,b.

CM20509. *Mytilus giganteus* Holmberg, p.145, pl.11, fig.20a,b.

CM20511. *Modiola modiolus* Linné, p.145, pl.11, fig.21.

CM20516. *Anomia cytaeum* Gray, p.146, pl.11, fig.17a,b.

CM20520. *Anomia nipponensis* Yokoyama, p.146, pl.11, fig.18a,b, Syntype.

CM20521. *Anomia nipponensis* Yokoyama, p.146, pl.11, fig.19a,b, Syntype.

CM20528. *Lima goliath* Sowerby, p.147, pl.16, fig.7.

CM20529. *Lima goliath* Sowerby, p.147, pl.16, fig.8.

CM20532. *Lima zushiensis* Yokoyama, p.148, pl.12, fig.8, Syntype. (missing)

CM20534. *Lima angulata* Sowerby, p.148, pl.12, fig.12a-c.

CM20535. *Lima japonica* A. Adams, p.149, pl.12, fig.9a-c.

CM20537. *Lima subauriculata* (Montagu), p.150, pl.12, fig.10a-c.

Yokoyama, M. (1920): continued

CM20539. *Lima quantoensis* Yokoyama, p.150, pl.12, fig.11a-c, Syntype. (missing)

CM20541. *Pecten squamatus* (Gmelin), p.151, pl.14, fig.4.

CM20543. *Pecten laetus* Gould, p.152, pl.14, fig.1.

CM20544. *Pecten laetus* Gould, p.152, pl.14, fig.2.

CM20545. *Pecten crassicostatus* Sowerby, p.153, pl.12, fig.7.

CM20546. *Pecten irregularis* Sowerby, p.153, pl.13, fig.1.

CM20547. *Pecten irregularis* Sowerby, p.153, pl.13, fig.2.

CM20548. *Pecten irregularis* Sowerby, p.153, pl.13, fig.3.

CM20549. *Pecten vesiculosus* Dunker, p.154, pl.13, fig.11. (missing)

CM20550. *Pecten vesiculosus* Dunker, p.154, pl.13, fig.12. (missing)

CM20551. *Pecten vesiculosus* Dunker, p.154, pl.13, fig.13.

CM20553. *Pecten swiftii* Bernardi, p.154, pl.14, fig.11.

CM20554. *Pecten tigerrinus* Müller, p.155, pl.14, fig.5.

CM20555. *Pecten tigerrinus* Müller, p.155, pl.14, fig.6.

CM20556. *Pecten cosibensis* Yokoyama, p.156, pl.13, fig.7, Syntype.

CM20557. *Pecten cosibensis* Yokoyama, p.156, pl.13, fig.8, Syntype.

CM20559. *Pecten intuscostatus* Yokoyama, p.156, pl.13, fig.9a,b, Syntype.

CM20560. *Pecten intuscostatus* Yokoyama, p.156, pl.13, fig.10a,b, Syntype.

CM20562. *Pecten miurensis* Yokoyama, p.157, pl.12, fig.2, Syntype.

CM20563. *Pecten miurensis* Yokoyama, p.157, pl.12, fig.3, Syntype.

CM20564. *Pecten miurensis* Yokoyama, p.157, pl.12, fig.4, Syntype.

CM20565. *Pecten miurensis* Yokoyama, p.157, pl.12, fig.5, Syntype.

CM20566. *Pecten miurensis* Yokoyama, p.157, pl.12, fig.6, Syntype.

CM20567. *Pecten tokunagai* Yokoyama, p.158, pl.12, fig,1, Holotype.

CM20568. *Pecten tokyoensis* Tokunaga, p.158, pl.14, fig.7.

CM20569. *Pecten tokyoensis* Tokunaga, p.158, pl.14, fig.8.

CM20577. *Pecten yessoensis* Jay, p.159, pl.13, fig.14.

CM20578. *Pecten yessoensis* Jay, p.159, pl.13, fig.15.

CM20582. *Pecten laqueatus* Sowerby, p.160, pl.14, fig.9.

CM20583. *Pecten laqueatus* Sowerby, p.160, pl.14, fig.10.

CM20586. *Pecten naganumana* [error of *naganumanus*] Yokoyama, p.160, pl.13 fig.4, Syntype.

Yokoyama, M. (1920): continued

CM20587. *Pecten naganumana* [error of *naganumanus*] Yokoyama, p.160, pl.13, fig.5, Syntype.

CM20588. *Pecten naganumana* [error of *naganumanus*] Yokoyama, p.160, pl.13, fig.6, Syntype.

CM20590. *Ostrea gigas* Thunberg, p.162, pl.15, figs.1-2. (missing)

CM20591. *Ostrea gigas* Thunberg, p.162, pl.15, figs.3-4. (missing)

CM20595. *Ostrea denselamellosa* Lischke, p.162, pl.16, fig.6a,b.

CM20596. *Ostrea plicata* Chemnitz, p.163, pl.17, fig.1a,b.

CM20597. *Ostrea plicata* Chemnitz. p.163, pl.17, fig.2a,b.

CM20598. *Ostrea plicata* Chemnitz, p.163, pl.17, fig.3.

CM20599. *Ostrea musashiana* Yokoyama, p.163, pl.16, fig.1a-c, Syntype.

CM20600. *Ostrea musashiana* Yokoyama, p.163, pl.16, fig.2a,b, Syntype.

CM20601. *Ostrea musashiana* Yokoyama, p.163, pl.16, fig.3a-c. Syntype.

CM20602. *Ostrea musashiana* Yokoyama, p.163, pl.16, fig.4, Syntype.

CM20603. *Ostrea musashiana* Yokoyama, p.163, pl.16, fig.5, Syntype.

CM20605. *Arca kobeltiana* Pilsbry, p.163, pl.17, fig.4a,b.

CM20611. *Arca decussata* (Sowerby), p.165, pl.17, fig.5a,b.

CM20612. *Arca stearnsii* Pilsbry, p.165, pl.16, fig.8a,b.

CM20613. *Arca symmetrica* Reeve, p.166, pl.17, fig.8a,b.

CM20617. *Arca inflata* Reeve, p.167, pl.17, fig.9.

CM20619. *Pectunculus rotundus* Dunker, p.167, pl.17, fig.10a,b. (missing)

CM20620. *Pectunculus rotundus* Dunker, p.167, pl.17, fig,11a,b.

CM20625. *Pectunculus nipponicus* Yokoyama, p.168, pl.18, fig.3a-c, Syntype.

CM20626. *Pectunculus nipponicus* Yokoyama, p.168, pl.18, fig.4a,b, Syntype.

CM20627. *Pectunculus nipponicus* Yokoyama, p.168, pl.18, fig.5a-c, Syntype. (missing)

CM20628. *Pectunculus nipponicus* Yokoyama, p.168, pl.18, fig.6a,b, Syntype. (missing)

CM20629. *? Pectunculus nipponicus* Yokoyama, p.168, pl.18, fig.7a,b.

CM20635. *Pectunculus yessoensis* Sowerby, p.168, pl.18, fig.1a,b.

CM20636. *Pectunculus yessoensis* Sowerby, p.168, pl.18, fig.2a-c.

CM20639. *Pectunculus pilsbryi* Yokoyama, p.170, pl.18, fig.8a-c, Syntype.

CM20642. *Parallelodon obliquatus* Yokoyama, p.170, pl.17, fig.6a,b, Syntype.

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CM20643. *Parallelodon obliquatus* Yokoyama, p.170, pl.18, fig.9a-c. Syntype.

CM20644. *Parallelodon obliquatus* Yokoyama, p.170, pl.18, fig.10a-c, Syntype.

CM20645. *Parallelodon obliquatus* Yokoyama, p.170, pl.18, fig.11a-c, Syntype.

CM20649. *Limopsis auritoides* Yokoyama, p.171, pl.18, fig.12a,b, Syntype.

CM20650. *Limopsis auritoides* Yokoyama, p.171, pl.18, fig.13a-c, Syntype.

CM20652. *Limopsis tokaiensis* Yokoyama, p.172, pl.18, fig.14a-c, Syntype.

CM20653. *Limopsis tokaiensis* Yokoyama, p.172, pl.18, fig.15a-c. (missing)

CM20654. *Limopsis tokaiensis* Yokoyama, p.172, pl.18, fig.16a-c. (missing)

CM20665. *Limopsis crenata* A. Adams, p.173, pl.18, fig.17a-c. (missing)

CM20666. *Limopsis crenata* A. Adams, p.173, pl.18, fig.18a-c.

CM20678. *Limopsis adamsiana* Yokoyama, p.175, pl.19, fig.1a-c, Syntype. (missing)

CM20679. *Limopsis adamsiana* Yokoyama, p.175, pl.19, fig.2a-c, Syntype.

CM20681. *Leda ramsayi* Smith, p.176, pl.19, fig.3a-c. (missing)

CM20683. *Leda gordonis* Yokoyama, p.177, pl.19, fig.4a,b, Syntype. (missing)

CM20684. *Leda gordonis* Yokoyama, p.177, pl.19, fig.5a-c, Syntype. (missing)

CM20685. *Leda naganumana* Yokoyama, p.178, pl.19, fig.6a-c, Holotype. (missing)

CM20686. *Nucula insignis* Gould, p.179, pl.19, fig.7.

CM20687. *Nucula insignis* Gould, p.179, pl.19, fig.8a-c.

CM20688. *Nucula mirabilis* Adams et Reeve, p.180, pl.19, fig.9a-c. (missing)

CM20690. *Nucula tokyoensis* Yokoyama, p.181, pl.19, fig.10a-c, Syntype. (missing)

CM20691. *Nucula tokyoensis* Yokoyama, p.181, pl.19, fig.11a-c, Syntype. (missing)

CB20692. *Terebratulina crossii* Davidson, p.181, pl.19, fig.12a,b.

CB20693. *Terebratulina crossii* Davidson, p.181, pl.19, fig.13a,b.

CB20694. *Terebratulina crossii* Davidson, p.181, pl.19, fig.14. (missing)

CB20697. *Terebratulina caput-serpentis* (Linné), p.182, pl.19, fig.15.

Yokoyama, M. (1920): continued

CB20698. *Terebratulina caput-serpentis* (Linné), p.182, pl.19, fig.16.

CB20699. *Terebratulina caput-serpensis* (Linné), p.182, pl.19, fig.17.

CB20700. *Terebratulina caput-serpentis* (Linné), p.182, pl.19, fig.18.

CB20702. *Terebratulina quantoensis* Yokoyama, p.183, pl.19, fig.19a-c, Syntype.

CB20703. *Terebratulina quantoensis* Yokoyama, p.183, pl.19, fig.20, Syntype.

CB20704. *Terebratulina quantoensis* Yokoyama, p.183, pl.19, fig.21, Syntype.

CB20705. *Terebratulina quantoensis* Yokoyama, p.183, pl.19, fig.22, Syntype. (missing)

CB20706. *Terebratulina quantoensis* Yokoyama, p.183, pl.19, fig.23a,b, Syntype.

CB20707. *Terebratulina quantoensis* Yokoyama, p.183, pl.19, fig.24, Syntype.

CB20709. *Terebratella coreanica* (Adams et Reeve), p.183, pl.19, fig.25.

CB20710. *Terebratella coreanica* (Adams et Reeve), p.183, pl.19, fig.28a-c.

CB20711. *Terebratella pulvinata* (Gould), p.185, pl.19, fig.26a,b.

CB20712. *Terebratella nipponensis* Yokoyama, p.185, pl.19, fig.27a-d. Holotype.

CM24532. *Trophon subclavatus* Yokoyama, p.60, pl.6, fig.13, Syntype. (missing)

CM24533. *Trophon subclavatus* Yokoyama, p.60, pl.6, fig.14, Syntype. (missing)

CM24534. *Trophon inermis* (Sowerby), p.62, pl.3, fig.22a,b.

CM24535. *Trophon inermis* (Sowerby), p.62, pl.3, fig.23. (missing)

CM24536. *Trophon inermis* (Sowerby), p.62, pl.3, fig.24.

CM24537. *Trophon inermis* (Sowerby), p.62, pl.3, fig,25. (missing)

CM24538. *Trophon inermis* (Sowerby), p.62, pl.3, fig.26. (missing)

CM24539. *Dentalium octogonum* Lamarck, p.10, pl.6, fig.23. (missing)

CM24540. *Dentalium octogonum* Lamarck, p.103, pl.6, fig.24. (missing)

CM24541. *Cardita cumingiana* Dunker, p.137, pl.11, fig.1a-c. (missing)

CM24542. *Pecten squamatus* (Gmelin), p.151, pl.14, fig.3. (missing)

CM24543. *Arca symmetrica* Reeve, p.166, pl.17, fig.7a-c. (missing)

CM24544. *Limopsis azumana* Yokoyama, p.174, pl.18, fig.19a-c. (missing)

CM24545. *Limopsis azumana* Yokoyama, p.174, pl.18, fig.20a-c. (missing)

Yokoyama, M. (1920): continued

CM24546. *Limopsis azumana* Yokoyama, p.174, pl.18, fig.21a-c. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Retusa minima Yokoyama: CM20034

Cylichna braunsi Yokoyama: CM20038, Syntype

Cylichna sibaensis Yamakawa: CM20040, CM20041, CM20042

Cylichna yamakawai Yokoyama: CM20044, Syntype

Ringicula musashinoensis Yokoyama: CM20048, CM20049, CM20050, CM20051, Syntypes

Terebra naumanni Yokoyama: CM20054, Syntype

Conus tuberculatus Yokoyama: CM20060, CM20061, Syntype

Pleurotoma kamakurana Pilsbry: CM20063, CM20064, CM20065

Pleurotoma (Drillia) principalis (Pilsbry): CM20068, CM20069

Pleurotoma (Drillia) pseudo-principalis Yokoyama: CM20071, CM20072, Syntypes

Pleurotoma (Drillia) nivalioides Yokoyama: CM20076, Syntype

Pleurotoma (Drillia) braunsi Yokoyama: CM20079, CM20080, Syntypes

Pleurotoma (Mangilia) miyatensis Yokoyama: CM20083, CM20084, Syntypes

Cancellaria spengleriana Deshayes: CM20089, CM20090

Voluta megaspira Sowerby: CM20093, CM20094, CM20095, CM20096, CM20097, CM20098, CM20099

Mitra fusiformis (Brocchi): CM20102

Mitra plicifera Yokoyama: CM20104, Syntype

Mitra (Costellaria) emmae Yokoyama: CM20106, Syntype

Fusus niponicus Smith: CM20108

Fusus perplexus A. Adams: CM20110

Chrysodomus phoeniceus Dall: CM20114, CM20115

Chrysodomus schrencki Yokoyama: CM20117, CM20118, CM20119, Syntypes

Sipho obesiformis Yokoyama: CM20121, Syntype

Siphonalia spadicea (Reeve): CM20127, CM20128, CM20129

Buccinum leucostoma Lischke: CM20135

Nassa (Hima) japonica A. Adams: CM20138

Nassa (Hima) festiva Powis: CM20140

Nassa (Niotha) livescens Philippi: CM20142, CM20143, CM20144, CM20145, CM20146, CM20147

Yokoyama, M. (1920): continued

Columbella (Mitrella) dunkeri Tryon: CM20149, CM20150, CM20151, CM20152

Columbella (Atilia) burchardi (Dunker): CM20154, CM20155

Trophon subclavatus Yokoyama: CM20157, Syntype

Trophon nipponicus Yokoyama: CM20160, CM20161, Syntypes

Trophon inermis (Sowerby): CM20164, CM20165, CM20166, CM20167

Purpura luteostoma (Chemnitz): CM20169

Triton (Priene) oregonensis Redfield: CM20173, CM20174, CM20175

Triton subpyrum Yokoyama: CM20178, Syntype

Dolium luteostomum Küster: CM20180, CM20181, CM20182, CM20183

Cerithium kobelti Dunker: CM20185

Potamides (Batillaria) multiformis (Lischke): CM20190

Thylacodes medusae Pilsbry: CM20194, CM20195

Turritella nipponica Yokoyama: CM20200, CM20201, CM20202, CM20203, CM20204, Syntypes

Solarium lenticulatum Yokoyama: CM20206, Syntype

Fenella orientalis Yokoyama: CM20210, Syntype

Skenea nipponica Yokoyama: CM20212, Syntype

Crepidula orbella Yokoyama: CM20216, Syntype

Natica janthostoma Deshayes: CM20219, CM20220, CM20221, CM20222, CM20223, CM20224, CM20225, CM20226, CM20227, CM20228, CM20229, CM20230

Polinices (Neverita) ampla (Philippi): CM20234, CM20235, CM20236

Pyramidella (Tiberia) pseudo-pulchella Yokoyama: CM20242, Syntype

Odostomia (Odostomia) hilgendorffi Clessin: CM20244 (missing)

Odostomia (Odostomia) sublimpida Yokoyama: CM20247, Syntype

Turbonilla (Cingulina) adamsi Yokoyama: CM20249, Syntype

Turbo (Marmorostoma) coreensis Récluz: CM20253

Leptothyra amussitata (Gould): CM20255, CM20256, CM20257

Leptothyra purpurescens (Dunker): CM20259, CM20260, CM20261, CM20262, CM 20263, CM20264

Bembix crumpii (Pilsbry): CM20272, CM20273, CM20274, CM20275

Bembix convexiusculum Yokoyama: CM20277, Syntype

Margarita umbilicalis Broderip et Sowerby: CM20279

Macroschisma sinensis A. Adams: CM20289, CM20290

Puncturella subconica Yokoyama: CM20293, Syntype

Yokoyama, M. (1920): continued

Emarginula sp.: CM20296

Acmaea heroldi (Dunker): CM20298, CM20299

Helcioniscus pallidus (Gould): CM20304, CM20305, CM20717

Dentalium complexum Dall: CM20307, CM20308, CM20309 (missing), CM20310, CM20311, CM20312, CM20313

Dentalium weinkauffi Dunker: CM20315, CM20316, CM20317, CM20318, CM20319

Dentalium octogonum Lamarck: CM20321, CM20322, CM20323, CM20324

Dentalium edoense Tokunaga: CW20326, CW20327

Pholas fragilis Sowerby: CM20331, CM20332

Jouannetia japonica Yokoyama: CM20334, Syntype

Corbula venusta Gould: CM20340, CM20341, CM20342, CM20343, CM20344, CM-20345, CM20346, CM20347

Mactra veneriformis Deshayes: CM20354

Lutraria radiata Yokoyama: CM20356, CM20357, Syntypes

Solen gordonis Yokoyama: CM20359, Syntype

Solecurtus abbreviatus Gould: CM20362

Tellina nitidula Dunker: CM20365

Tellina ojiensis Tokunaga: CM20368, CM20369

Tellina vestalioides Yokoyama: CM20371, Syntype

Tellina serricostata Tokunaga: CM20373 (missing)

Macoma dissimilis (Martens): CM20377

Macoma inquinata (Deshayes): CM20380

Macoma nipponica (Tokunaga): CM20383, CM20384

Dosinia troscheli Lischke: CM20387, CM21725 (missing)

Cyclina chinensis (Chemnitz): CM20390

Meretrix (Callista) chinensis (Chemnitz): CM20393

Venus jedoensis Lischke: CM20396, CM20397, CM20398, CM20399, CM20400

Chione isabellina (Philippi): CM20402

Chione minuta Yokoyama: CM20404, Syntype

Venerupis irus (Linné): CM20408, CM20409 (missing)

Venerupis insignis Deshayes: CM20412, CM20413

Tapes variegatus Hanley: CM20416

Tapes philippinarum (A. Adams et Reeve): CM20418

Saxidomus purpuratus (Sowerby): CM20422, CM20423, CM20424, CM20425

Yokoyama, M. (1920): continued

Cardium californiense Deshayes: CM20427, CM20428, CM20429, CM20430

Cardium muticum Reeve: CM20432, CM20433, CM20434

Cardium modestum A. Adams et Reeve: CM20437

Diplodonta usta (Gould): CM20442, CM20443

Diplodonta semiaspera (Philippi): CM20446, CM20447

Diplodonta gouldi Yokoyama: CM20450, Syntype

Lucina pisidium Dunker: CM20452, CM20453, CM20718

Lucina borealis (Linné): CM20455, CM20456

Lucina contraria Dunker: CM20458, CM20459

Chama semipurpurata Lischke: CM20465, CM20466, CM20467

Cardita cumingiana Dunker: CM20470, CM20471

Venericardia cipangoana Yokoyama: CM20473, CM20474, Syntypes

Venericardia ferruginea Adams: CM20477, CM20478, CM20479, VM20480, CM20481, CM20482, CM20483, CM20484, CM20485

Astarte hakodatensis Yokoyama: CM20488 (missing), CM20489, CM20490, Syntypes

Woodia concertrica Yokoyama: CM20493, Syntype

Crassatella heteroglypta (Pilsbry): CM20495, CM20496

Crassatella oblongata Yokoyama: CM20499, CM20500 (missing), Syntypes

Myodora triangularis A. Adams: CM20505

Mytilus hirsutus Lamarck: CM20507, CM20508

Mytilus giganteus Holmberg: CM20510

Modiola modiolus (Linné): CM20512, CM20513, CM20514, C,20515

Anomia cytaeum Gray: CM20517, CM20518, CM20519

Anomia nipponensis Yokoyama: CM20522, CM20523, CM20524, CM20525, CM20526 CM20527, Syntypes

Lima goliath Sowerby: CM20530, CM20531

Lima zushiensis Yokoyama: CM20533, Syntype

Lima japonica A. Adams: CM20536

Lima subauriculata (Montagu): CM20538

Lima quantoensis Yokoyama: CM20540, Syntype

Pecten squamatus (Gmelin): CM20542

Pecten vesiculosus Dunker: CM20552

Pecten cosibensis Yokoyama: CM20558

Yokoyama, M. (1920): continued

Pecten intuscostatus Yokoyama: CM20561, CM21681, Syntypes

Pecten tokyoensis Tokunaga: CM20570, CM20572, CM20573, CM20574, CM20575 CM20576

Pecten yessoensis Jay: CM20579, CM20580, CM20581

Pecten laqueatus Sowerby: CM20584, CM20585, CM20722 (missing)

Pecten naganumana [error of *naganumanus*] Yokoyama: CM20589, Syntype

Ostrea gigas Thunberg: CM20592, CM20593, CM20594

Ostrea musashiana Yokoyama: CM20604, CM20719, Syntypes

Arca kobeltiana Pilsbry: CM20606, CM20607, CM20608, CM20609, CM20610

Arca symmetrica Reeve: CM20614, CM20615, CM20616

Arca inflata Reeve: CM20618

Pectunculus rotundus Dunker: CM20621, CM20622, CM20623, CM20624

Pectunculus nipponicus Yokoyama: CM20630, CM20631, CM20632, CM20633, CM-20634, Syntypes

Pectunculus yessoensis Sowerby: CM20637, CM20638

Pectunculus pilsbryi Yokoyama: CM20640, CM20641, Syntypes

Parallelodon obliquatus Yokoyama: CM20646, CM20647, CM20648, Syntypes

Limopsis auritoides Yokoyama: CM20651, Syntype

Limopsis tokaiensis Yokoyama: CM20655, CM20656, CM20657, CM20658, CM20659 CM20660, CM20661, CM20662, CM20663, CM20664

Limopsis crenata A. Adams: CM20667, CM20668, CM20669, CM20670, CM20671, CM20672, CM20673, CM20674, CM20675

Limopsis azumana Yokoyama: CM20676, CM20677 (missing)

Limopsis adamsiana Yokoyama: CM20680, Syntype

Leda ramsayi Smith: CM20682 (missing)

Nucula mirabilis Adams et Reeve: CM20689

Terebratulina crossii Davidson: CB20695, CB20696

Terebratulina caput-serpentis (Linné): CB20701, CB20721

Terebratulina quantoensis Yokoyama: CB20708

Pleurotoma (Drillia) cosibensis Yokoyama: CM20713

Siphonalia dilatata (Quoy): CM20714

Bittium perpusillum Tryon: CM20715

Odostomia (Parthenina) takinogawensis Tokunaga: CM20716

Arca stearnsii Pilsbry: CM20720

Yokoyama, M. (1920): continued

Pecten laetus Gould: CM20723 (missing), CM20724 (missing), CM20727 (missing), CM21682 (missing)

Pecten irregularis Sowerby: CM20725 (missing), CM20726 (missing), CM21684

Pecten miurensis Yokoyama: CM21683 (missing)

Yokoyama, M. (1922a): Fossils from the upper Musashino of Kazusa and Shimosa. *Jour. Coll. Sci. Imp. Univ. Tokyo,* vol.44, art.1, pp.1-200, pls.1-17.

CM20728. *Solidula strigosa* (Gould), p.22, pl.1, fig.1,1a.

CM20731. *Solidula clathrata* Yokoyama, p.23, pl.1, fig.2, Syntype.

CM20733. *Leucotina gigantea* (Dunker), p.23, pl.1, fig.3.

CM20736. *Tornatina exilis* Dunker, p.24, pl.1, fig.4.

CM20740. *Tornatina longispirata* Yamakawa, p.24, pl.1, fig.5. (missing)

CM20743. *Retusa globosa* Yamakawa, p.25, pl.1, fig.6,6a. (missing)

CM20746. *Retusa truncata* Yamakawa, p.25, pl.1, fig.7,7a

CM20749. *Volvula angustata* (A. Adams) var., p.26, pl.1, fig.8,8a

CM20752. *Volvula acutaeformis* Yokoyama, p.26, pl.1, fig.9, Syntype. (missing)

CM20754. *Cylichna musashiensis* Tokunaga, p.27, pl.1, fig.10.

CM20758. *Philine scalpta* A. Adams, p.27, pl.1, fig.11.

CM20759. *Philine scalpta* A. Adams, p.27, pl.1, fig.12.

CM20760. *Philine pygmaea* Yokoyama, p.28, pl.1, fig.13, Syntype. (missing)

CM20762. *Philine takatensis* Yokoyama, p.28, pl.5, fig.4,4a, Holotype.

CM20763. *Bulla multiarata* Yokoyama, p.29, pl.1, fig.14,14a, Syntype.

CM20765. *Bulla ovula* Sowerby, p.29, pl.1, fig.15.

CM20766. *Ringicula musashinoensis* Yokoyama, p.30, pl.1, fig.16.

CM20767. *Ringicula musashinoensis* Yokoyama, p.30, pl.1, fig.17.

CM20773. *Terebra gotoensis* Smith, p.31, pl.1, fig.18,18a.

CM20774. *Terebra hedleyi* Pilsbry, p.31, pl.1, fig.19,19a,b.

CM20777. *Terebra chibana* Yokoyama, p.32, pl.1, fig.20, Syntype.

CM20780. *Terebra smithi* Yokoyama, p.33, pl.1, fig.21, Holotype.

CM20781. *Terebra quadriarata* Yokoyama, p.34, pl.1, fig.22,22a, Holotype.

CM20782. *Terebra latisulcata* Yokoyama, p.34, pl.1, fig.23, 23a, Syntype.

Yokoyama, M. (1922a): continued

CM20784. *Terebra suavidica* Yokoyama, p.35, pl.1, fig.24, Syntype.

CM20786. *Terebra tsuboiana* Yokoyama, p.35, pl.13, fig.12, Synytpe.

CM20787. *Terebra tsuboiana* Yokoyama, p.35, pl.13, Syntype. (missing)

CM20789. *Parviterebra raritans* Yokoyama, p.36, pl.1, fig.25, Holotype (missing)

CM20790. *Pleurotoma vertebrata* Smith, p.37, pl.1, fig.26,26a.

CM20794. *Genotia pseudopannus* Yokoyama, p.37, pl.1, fig.27, Holotype.

CM20795. *Genotia pseudopannus* Yokoyama var. *sematensis* Yokoyama, p.37, pl.1, fig.28, Holotype.

CM20796. *Genotia ogurana* Yokoyama, p.38, pl.1, fig.29,29a, Holotype.

CM20799. *Drillia subauriformis* Smith, p.40, pl.1, fig.30.

CM20801. *Drillia glabriuscula* Yokoyama, p.40, pl.1, fig.31,31a, Syntype.

CM20803. *Drillia glabriuscula* var. *brevis* Yokoyama, p.40, pl.1, fig.32, 32a, Holotype. (missing)

CM20807. *Mangilia ojiensis* (Tokunaga), p.41, pl.1, fig.33,33a.

CM20809. *Mangilia fukuchiana* Yokoyama, p.42, pl,1, fig.34,34a, Holotype.

CM20810. *Mangilia (Cythara) rugosolabiata* Yokoyama, p.42, pl.1, fig.35, 35a, Syntype.

CM20812. *Mangilia (Cythara) oyuana* Yokoyama, p.43, pl.1, fig.36, Holotype.

CM20813. *Bela rugulata* Troschel var. *schneideri* Harmer, p.44, pl.1, fig.37. (missing)

CM20815. *Bela recticostulata* Yokoyama, p.44, pl.1, fig.38,38a, Holotype.

CM20822. *Cancellaria nodulifera* Sowerby, p.45, pl.2, fig.1.

CM20827. *Cancellaria asperella* Lamarck var. *reeviana* Crosse, p.46, pl.2, fig.2.

CM20831. *Olivella fortunei* (A. Adams), p.47, pl.2, fig.3,3a.

CM20838. *Olivella spretoides* Yokoyama, p.47, pl.2, fig.4, Syntype. (missing)

CM20840. *Ancilla hinomotoensis* Yokoyama, p.48, pl.2, fig.5,5a, Syntype.

CM20842. *Marginella cotamago* Yokoyama, p.49, pl.2, fig.6,6a, Syntype.

CM20844. *Marginella perovulum* Yokoyama, p.49, pl.2, fig.7,7a, Holotype.

CM20846. *Mitra hondana* Yokoyama, p.50, pl.2, fig.8, Syntype.

CM20848. *Mitra pirula* Yokoyama, p.51, pl.2, fig.9, Holotype.

CM20853. *Fusus coreanicus* Smith, p.52, pl.2, fig.10.

CM20857. *Fusus niponicus* Smith, p.52, pl.2, fig.11,11a.

Yokoyama, M. (1922a): continued

CM20859. *Chrysodomus arthriticus* (Valenciennes), p.53, pl.2, fig.12.

CM20866. *Chrysodomus schrencki* Yokoyama, p.54, pl.2, fig.13.

CM20869. *Sipho (Parasipho) nipponicus* Yokoyama, p.55, pl.2, fig.14, Holotype.

CM20871. *Siphonalia trochulus* (Reeve), p.56, pl.2, fig.15.

CM20872. *Siphonalia trochulus* (Reeve), p.56, pl.2, fig.16.

CM20873. *Siphonalia trochulus* (Reeve), p.56, pl.2, fig.17.

CM20874. *Siphonalia trochulus* (Reeve), p.56, pl.2, fig.18. (missing)

CM20880. *Siphonalia kellettii* (Forbes), p.56, pl.5, fig.1.

CM20881. *Volutharpa perryi* (Jay), p.57, pl.2, fig.19. (missing)

CM20886. *Eburna japonica* Reeve, p.57, pl.2, fig.20.

CM20897. *Nassa (Hima) fraterculus* Dunker, p.59, pl.2, fig.21.

CM20899. *Columbella (Atilia) smithi* Yokoyama, p.60, pl.2, fig.24, Syntype.

CM20902. *Columbella (Atilia) turriculata* Yokoyama, p.61, pl.2, fig.22, Holotype.

CM20903. *Columbella (Atilia) praecursor* Yokoyama, p.61, pl.2, fig.25, Syntype.

CM20907. *Columbella (Atilia) masakadoi* Yokoyama, p.62, pl.2, fig.23, Syntype.

CM20911. *Columlulla* [error of *Columbella*] *(Mitrella) dunkeri* Tryon, p.62, pl.2, fig.26.

CM20917. *Trophon pachyrhaphe* (Smith), P.63, pl.3, fig.1. (missing)

CM20918. *Trophon subclavatus* Yokoyama, p.64, pl.3, fig.2.

CM20921. *Typhis arcuatus* Hinds, p.64, pl.3, fig.3.

CM20923. *Ocinebra falcata* (Sowerby), p.65, pl.3, fig.4.

CM20926. *Ocinebra spectata* Yokoyama, p.65, pl.3, fig.5, Syntype.

CM20928. *Rapana bezoar* Linné var. *thomasiana* Crosse, p.66, pl.3, fig.6. (missing)

CM20932. *Purpura heyseana* Dunker, p.66, pl.3, fig.7.

CM20934. *Triton tenuiliratus* Lischke, p.67, pl.3, fig.8.

CM20937. *Cassis strigata* (Gmelin), p.68, pl.3, fig.9.

CM20940. *Dolium luteostomum* Küster, p.69, pl.3, fig.10. (missing)

CM20946. *Erato callosa* A. Adams et Reeve, p.69, pl.3, fig.11,11a.

CM20948. *Strombus japonicus* Reeve, p.70, pl.3, fig.12.

Yokoyama, M. (1922a): continued

CM20949. *Cerithium (Clava) kochi* Philippi, p.71, pl.3, fig.13.

CM20955. *Cerithiopsis nodosocostatus* Yokoyama, p.73, pl.3, fig.14, Syntype.

CM20957. *Cerithiopsis (Seila) trisulcatus* Yokoyama, p.73, pl.3, fig.15, Syntype.

CM20959. *Triforis otsuensis* Yokoyama, p.74, pl.3, fig.16.

CM20961. *Triforis multigyrata* Yokoyama, p.74, pl.5, fig.5, Holotype.

CM20962. *Trichotropis unicarinata* Broderip et Sowerby, p.75, pl.13, fig. 11, (missing)

CM20964. *Thylacodes medusae* Pilsbry, p.75, pl.3, fig.17.

CM20965. *Caecum vitreum* Carpenter, p.76, pl.3, fig.18.

CM20966. *Melania niponica* Smith, p.76, pl.4, fig.1 (missing)

CM20968. *Solarium (Philippia) cingulum* Kiener, p.77, pl.3, fig.19.

CM20970. *Solarium (Philippia) pseudoperspectivum* (Brocchi), p.77, pl.3, fig.19.

CM20972. *Torinia elegantula* Yokoyama, p.78, pl.4, fig.2, Holotype.

CM20973. *Rissoa (Cingula) plebeja* Yokoyama, p.79, pl.4, fig.3, Syntype.

CM20975. *Rissoina (Moerchiella) manzakiana* Yokoyama, p.79, pl.4, fig.4, Syntype.

CM20977. *Fenella septentrionalis* (Tokunaga), p.80, pl.4, fig.5.

CM20978. *Fenella septentrionalis* (Tokunaga), p.80, pl.4, fig.6.

CM20980. *Skenea nipponica* Yokoyama, p.81, pl.4, fig.7.

CM20981. *Skenea planorboides* Yokoyama, p.81, pl.4, fig.8, Holotye.

CM20982. *Capulus badius* Dunker, p.82, pl.4, fig.9,9a.

CM20984. *Crepidula grandis* Middendorff, p.82, pl.4, fig.10.

CM20988. *Polinices powisianus* (Récluz), p.83, pl.4, fig.12.

CM20995. *Sigaretus (Eunaticina) papilla* (Gmelin), p.84, pl.5, fig.8.

CM21000. *Sigaretus (Eunaticina) oblongus* Reeve, p.85, pl.4, fig.11.

CM21002. *Scalaria aurita* Sowerby, p.85, pl.4, fig.13.

CM21005. *Scalaria maculosa* A. Adams et Reeve, p.86, pl.4, fig.14.

CM21007. *Scalaria azumana* Yokoyama, p.86, pl.4, fig.15, Syntype.

CM21011. *Scalaria kazusensis* Yokoyama, p.87, pl.4, fig.16, Syntype.

CM21013. *Scalaria yamakawai* Yokoyama, p.87, pl.4, fig.17, Syntype.

CM21014. *Scalaria conjuncta* Yokoyama, p.87, pl.4, fig.18, Syntype.

CM21016. *Scalaria subfrondicula* Yokoyama, p.88, pl.4, fig.19, Holotype.

Yokoyama, M. (1922a): continued

CM21017. *Scalaria picturata* Yokoyama, p.89, pl.4, fig.20, Syntype. (missing)

CM21018. *Eulima (Leiostraca) unicincta* Yokoyama, p.89, pl.4, fig.21, syntype.

CM21021. *Eulima (Leiostraca) tokunagai* Yokoyama, p.90, pl.4, fig.22, Syntype.

CM21024. *Eulima (Leiostraca) glabroides* Yokoyama, p.90, pl.4, fig.23, Syntype.

CM21026. *Eulima (Leiostraca) krishna* Yokoyama, p.91, pl.4, fig.24, Holotype.

CM21027. *Pyramidella (Tiberia) pulchella* (A. Adams), p.91, pl.5, fig.6.

CM21031. *Pyramidella (Agatha) virgo* (Adams) var. *brevis* Yokoyama, p.92, pl.5, fig.3, Syntype.

CM21037. *Pyramidella (Syrnola) cinnamomea* (A. Adams), p.93, pl.5, fig.2.

CM21038. *Pyramidella (Iphiana) mira* Yokoyama, p.93, pl.4, fig.25, Syntype.

CM21040. *Pyramidella (Iphiana) siva* Yokoyama, p.94, pl.4, fig.26, Holotype.

CM21041. *Pyramidella (Actaeopyramis) eximia* (Lischke), p.94, pl.6, fig.1.

CM21047. *Odostomia (Odostomia) gordonis* Yokoyama, p.95, pl.4, fig.27, syntype.

CM21053. *Odostomia (Odostomia) shimosensis* Yokoyama, p.96, pl.4, fig.28, Syntype.

CM21056. *Odostomia (Odostomia) limpida* Dall et Bartsch, p.96, pl.14, fig.1.

CM21058. *Odostomia (Odostomia) desimana* Dall et Bartsch, p.96, pl.5, fig.7. (missing)

CM21062. *Odostomia (Odostomia) kizakiensis* Yokoyama, p.97, pl.4, fig.29, Syntype.

CM21063. *Odostomia (Odostomia) venusta* Yokoyama, p.97, pl.4, fig.30, Syntype.

CM21067. *Odostomia (Odostomia) toneana* Yokoyama, p.98, pl.4, fig.31, Syntype.

CM21070. *Odostomia (Odostomia) suboxia* Yokoyama, p.98, pl.4, fig.32, Holotype.

CM21071. *Odostomia (Odetta) neofelix* Yokoyama, p.99, pl.4, fig.33, Syntype.

CM21072. *Odostomia (Egilina) marielloides* Yokoyama, p.100, pl.4, fig.34, Syntype.

CM21074. *Turbonilla (Ptycheulimella) misella* Yokoyama, p.100, pl.4, fig. 36, Syntype.

Yokoyama, M. (1922a): continued

CM21076. *Turbonilla (Chemnitzia) imbana* Yokoyama, p.101, pl.4, fig.35, Syntype.

CM21077. *Turbonilla (Mormula) paucicostulata* Tokunaga, p.101, pl.4, fig. 37.

CM21080. *Turbonilla (Mormula ?) scrobiculata* Yokoyama, p.102, pl.4, fig. 38, Syntype.

CM21081. *Turbonilla (Chemnitzia) kidoensis* Yokoyama, p.103, pl.4, fig.39, Holotype.

CM21082. *Turbonilla (Chemnitzia) teganumana* Yokoyama, p.103, pl.4, fig.40, Syntype.

CM21084. *Turbonilla (Chemnitzia) sematana* Yokoyama, p.103, pl.4, fig.41, Syntype.

CM21086. *Turbonilla (Prygolampros) planicostata* Yokoyama, p.104, pl.5, fig.11, Holotype.

CM21087. *Turbonilla (Strioturbonilla) sagamiana* Yokoyama, p.104, pl.5, fig.12, Holotype.

CM21088. *Turbonilla (Strioturbonilla) pacifica* Yokoyama, p.105, pl.5, fig. 13, Holotype.

CM21089. *Turbonilla (Cingulina) triarata* Pilsbry, p.105, pl.5, fig.14.

CM21092. *Turbonilla (Careliopsis ?) obscura* Yokoyama, p.106, pl.5, fig.15, Holotype.

CM21093. *Turbonilla (Careliopsis ?) angulifera* Yokoyama, p.106, pl.5, fig. 16, Syntype.

CM21095. *Turbo (Marmorostoma) granulatus* Gmelin, p.107, pl.5, fig.10.

CM21100. *Leptothyra pygmaea* Yokoyama, p.108, pl.5, fig.17, Syntype.

CM21102. *Leptothyra crassilirata* Yokoyama, p.108, pl.5, fig.22, Syntype.

CM21104. *Trochus spinigera* Yokoyama, p.109, pl.5, fig.18, Holotype.

CM21105. *Minolia tasmanica* Tenison-Woods, p.109, pl.5, fig.19.

CM21107. *Solariella philippensis* Watson, p.110, pl.5, fig.21.

CM21111. *Solariella angulata* (Tokunaga), p.111, pl.5, fig.20.

CM21113. *Turcica imperialis* A. Adams, p.111, pl.5, fig.23.

CM21115. *Calliostoma unicum* (Dunker) var. *shinagawensis* Tokunaga, p.112, pl.5, fig.25.

CM21121. *Basilissa ? laeviuscula* Yokoyama, p.113, pl.5, fig.24, Holotype.

CM21128. *Cyclostrema stillicidiatum* Yokoyma, p.114, pl.5, fig.26, Holotype.

CM21129. *Stomatella lyrata* Pilsbry, p.115, pl.6, fig.2.

CM21131. *Macroschisma sinensis* [error of *sinense*] A. Adams var. *brevis* Yokoyama, p.115, pl.6, fig.3, Syntype.

Yokoyama, M. (1922a): continued

CM21133. *Puncturella nobilis* (A. Adams), p.116, pl.6, fig.4.

CM21135. *Emarginula vadososinuata* Yokoyama, p.117, pl.6, fig.5, Syntype.

CM21138. *Dentalium weinkauffi* Dunker, p.118, pl.6, fig.6, Syntype.

CM21150. *Dentalium (Fustiaria) nipponicum* Yokoyama, p.119, pl.6, fig.7, Syntype.

CM21154. *Jouannetia kamakurensis* Yokoyama, p.120, pl.6, fig.10, Syntype.

CM21156. *Panope generosa* (Gould), p.121, pl.6, fig.14.

CM21157. *Panope generosa* (Gould), p.121, pl.6, fig.15.

CM21162. *Corbula erythrodon* Lamarck, p.122, pl.6, fig.8.

CM21163. *Corbula erythrodon* Lamarck, p.122, pl.6, fig.9.

CM21170. *Corbula frequens* Yokoyama, p.123, pl.6, fig.16, Syntype.

CM21171. *Corbula frequens* Yokoyama, p.123, pl.6, fig.17, Syntype.

CM21175. *Corbula pustulosa* Yokoyama, p.123, pl.6, fig.18, Syntype.

CM21178. *Corbula sematensis* Yokoyama, p.124, pl.6, fig.19, Syntype.

CM21179. *Corbula sematensis* Yokoyama, p.124, pl.6, fig.20, Syntype.

CM21181. *Corbula pygmaea* Yokoyama, p.125, pl.7, fig.4, Syntype.

CM21182. *Corbula pygmaea* Yokoyama, p.125, pl.7, fig.5, Syntype.

CM21186. *Corbula substriata* Yokoyama, p.125, pl.7, fig.3, Holotype.

CM21187. *Cryptomya busoensis* Yokoyama, p.126, pl.7, fig.1, Syntype. (missing)

CM21188. *Cryptomya busoensis* Yokoyama, p.126, pl.7, fig.2, Syntype.

CM21192. *Mactra sulcataria* Deshayes, p.126, pl.7, fig.6, Syntype.

CM21201. *Mactra ovalina* Lamarck, p.127, pl.7, fig.12.

CM21202. *Mactra ovalina* Lamarck, p.127, pl.7, fig.13.

CM21206. *Mactra dunkeri* Yokoyama, p.128, pl.7, fig.7, Syntype.

CM21207. *Mactra dunkeri* Yokoyama, p.128, pl.7, fig.8, Syntype.

CM21211. *Mactra sachalinensis* Schrenck var. *imperialis* Yokoyama, p.129, pl.7, fig.9, Syntype.

CM21212. *Mactra sachalinensis* Schrenck var. *imperialis* Yokoyama, p.129, pl.7, fig.10, Syntype.

CM21216. *Spisula grayana* (Schrenck), p.130, pl.8, fig.1.

CM21217. *Spisula grayana* (Schrenck), p.130, pl.8, fig.2.

CM21219. *Spisula bernardi* Pilsbry, p.130, pl.8, fig.3. (missing)

CM21220. *Spisula bernardi* Pilsbry. p.130, pl.8, fig.4.

CM21222. *Raeta yokohamensis* Pilsbry, p.131, pl.8, fig.5.

Yokoyama, M. (1922a): continued

CM21223. *Raeta yokohamensis* Pilsbry, p.131, pl.8, fig.6. (missing)

CM21228. *Raeta pellicula* (Deshayes), p.131, pl.9, fig.6.

CM21229. *Raeta elliptica* Yokoyama, p.131, pl.8, fig.7, Syntype.

CM21233. *Raeta magnifica* Yokoyama, p.132, pl.8, figs.12,13, Holotype.

CM21235. *Tresus nuttali* (Conrad), p.133, pl.8, fig.8.

CM21240. *Lutraria maxima* Jonas, p.133, pl.8, fig.9.

CM21241. *Lutraria maxima* Jonas, p.133, pl.8, fig.10.

CM21245. *Solen grandis* Dunker. p.134, pl.9, fig.1.

CM21248. *Solen krusensternii* Schrenck, p.134, pl.9, fig.5.

CM21254. *Siliqua pulchella* (Dunker), p.135, pl.9, fig.7.

CM21259. *Donax introradiatus* Reeve, p.136, pl.9, fig.8. (missing)

CM21260. *Donax introradiatus* Reeve, p.136, pl.9, fig.9.

CM21261. *Psammobia kazusensis* Yokoyama, p.136, pl.9, fig.4, Syntype.

CM21263. *Soletellina violacea* Lamarck, p.137, pl.9, fig.13. (missing)

CM21264. *Soletellina violacea* Lamarck, p.137, pl.9, fig.14.

CM21268. *Soletellina olivacea* Jay, p.138, pl.7, fig.11.

CM21271. *Soletellina olivacea* Jay, p.138, pl.9, fig.17.

CM21272. *Tellina jedoensis* Lischke, p.138, pl.9, fig.15.

CM21273. *Tellina jedoensis* Lischke, p.138, pl.9, fig.16. (missing)

CM21275. *Tellina venulosa* Schrenck, p.139, pl.10, fig.1 (left).

CM21276. *Tellina venulosa* Schrenck, p.139, pl.10, fig.1 (right).

CM21281. *Tellina nitidula* Dunker, p.139, pl.8, fig.11.

CM21286. *Tellina alternata* Say var. *chibana* Yokoyama, p.140. pl.10, fig.5. Syntype. (missing)

CM21287. *Tellina alternata* Say var. *chibana* Yokoyama, p.140, pl.10, fig.6. Syntype.

CM21297. *Tellina delta* Yokoyama, p.141, pl.10, fig.8, Syntype.

CM21298. *Tellina delta* Yokoyama, p.141, pl.10, fig.9, Syntype.

CM21299. *Tellina delta* Yokoyama, p.141, pl.10, fig.10, Syntype.

CM21304. *Macoma praetexta* (Martens), p.142, pl.10, fig.2.

CM21305. *Macoma praetexta* (Martens), p.142, pl.10, fig.3.

CM21314. *Macoma dissimilis* (Martens), p.143, pl.10, fig.4. (missing)

CM21317. *Macoma secta* (Conrad), p.143, pl.11, fig.1.

CM21326. *Dosinia bilunulata* Gray, p.144, pl.10, fig.12.

Yokoyama, M. (1922a): continued

CM21329. *Lucinopsis divaricata* Lischke, p.145, pl.10, fig.7.

CM21330. *Meretrix meretrix* (Linné), p.146, pl.11, fig.4.

CM21335. *Meretrix (Callista) chinensis* (Chemnitz), p.146, pl.11, fig.5.

CM21341. *Sunetta excavata* (Hanley), p.147, pl.11, fig.6a,b.

CM21342. *Sunetta excavata* (Hanley), p.147, pl.11, fig.7.

CM21343. *Sunetta excavata* (Hanley), p.147, pl.11, fig.8. (missing)

CM21348. *Venus (Mercenaria) stimpsoni* Gould, p.148, pl.11, fig.11.

CM21349. *Venus (Mercenaria) stimpsoni* Gould, p.148, pl.11, fig.13. (missing)

CM21357. *Venus neastartoides* Yokoyama, p.149, pl.11, fig.9a,b, Syntype.

CM21358. *Venus neastartoides* Yokoyama, p.149, pl.11, fig.10, Syntype.

CM21366. *Chione mindanensis* Smith, p.150, pl.11, fig.2.

CM21367. *Chione mindanensis* Smith. p.150, pl.11, fig.3.

CM21369. *Venerupis semipurpurea* (Dunker), p.151, pl.12, fig.1.

CM21370. *Venerupis semipurpurea* (Dunker), p.151, pl.12, fig.2, (missing)

CM21375. *Tapes euglyptus* (Philippi), p.152, pl.12, fig.8.

CM21383. *Saxidomus purpuratus* (Sowerby), p.153, pl.12, fig.9.

CM21388. *Cardium burchardi* Dunker, p.153, pl.12, fig.3.

CM21392. *Cardium muticum* Reeve, p.154, pl.12, fig.7.

CM21398. *Cardium braunsi* Tokunaga, p.155, pl.13, fig.2.

CM21401. *Cardium tokunagai* var. *ovata* Yokoyama, p.156, pl.12, fig.4, Holotype.

CM21402. *Cardium tokunagai* Yokoyama, p.156, pl.12, fig.5, Syntype. (missing)

CM21403. *Cardium tokunagai* Yokoyama, p.156, pl.12, fig.6, Syntype.

CM21407. *Montacuta japonica* Yokoyama, p.157, pl.9, fig.2, Syntype.

CM21408. *Montacuta japonica* Yokoyama, p.157, pl.9, fig.3, Syntype.

CM21412. *Montacuta oblongata* Yokoyama, p.157, pl.13, fig.9, Syntype.

CM21413. *Montacuta oblongata* Yokoyama, p.157, pl.13, fig.10, Syntype.

CM21415. *Montacuta ? yamakawai* Yokoyama, p.158, pl.9, fig.10, Syntype.

CM21417. *Thyasira trigonata* Yokoyama, p.158, pl.9, fig.11, Syntype.

CM21418. *Thyasira trigonata* Yokoyama, p.158, pl.9, fig.12, Syntype.

CM21419. *Diplodonta usta* Gould, p.159, pl.13, fig.3.

Yokoyama, M. (1922a): continued

CM21428. *Diplodonta semiaspera* Philippi, p.160, pl.14, fig.2.

CM21443. *Chama semipurpurata* Lischke, p.161, pl.13, fig.5.

CM21445. *Venericardia cipangoana* Yokoyama, p.162, pl.3, fig.4.

CM21454. *Venericardia toneana* Yokoyama, p.163, pl.13, fig.6. Syntype. (missing)

CM21455. *Venericardia toneana* Yokoyama, p.163, pl.13, fig.7, Syntype. (missing)

CM21458. *Astarte borealis* (Chemnitz), p.163, pl.10, fig.11a,b. (missing)

CM21461. *Crassatella nana* Adams et Reeve, p.164, pl.13, fig.8.

CM21463. *Corbicula sandaiformis* Yokoyama, p.165, pl.13, fig.14, Syntype. (missing)

CM21464. *Corbicula sandaiformis* Yokoyama, p.165, pl.13, fig.15, Syntype.

CM21468. *Corbicula kobelti* Yokoyama, p.166, pl.13, fig.18, Syntype.

CM21469. *Corbicula kobelti* Yokoyama, p.166, pl.13, fig.19, Syntype.

CM21472. *Coralliophaga coralliophaga* (Chemnitz), p.166, pl.14, fig.5.

CM21473. *Trapezium nipponicum* Yokoyama, p.167, pl.6, fig.12, Syntype.

CM21474. *Trapezium nipponicum* Yokoyama, p.167, pl.6, fig.13, Syntype.

CM21475. *Trapezium nipponicum* Yokoyama, p.167, pl.13, fig.17, Syntype.

CM21477. *Trapezium ventricosum* Yokoyama, p.168, pl.13, fig.1a,b, Holotype.

CM21478. *Trapezium liratum* (Reeve), p.168, pl.13, fig.16.

CM21479. *Cuspidaria ligula* Yokoyama, p.169, pl.14, fig.3, Syntype.

CM21480. *Cuspidaria ligula* Yokoyama, p.169, pl.14, fig.4, Syntype.

CM21482. *Lyonsia praetenuis* Dunker, p.169, pl.14, fig.9.

CM21483. *Lyonsia praetenuis* Dunker, p.169, pl.14, fig.10.

CM21485. *Entodesma naviculoides* Yokoyama, p.170, pl.6, fig.11, Holotype.

CM21486. *Myodora fluctuosa* Gould, p.170, pl.14, fig.6.

CM21487. *Myodora fluctuosa* Gould, p.170, pl.14, fig.7.

CM21493. *Myodora reeviana* Smith, p.172, pl.14, fig.8,8a. (missing)

CM21494. *Myodora reeviana* Smith, p.171, pl.14, fig.11,11a.

CM21498. *Thracia papyracea* (Poli), p.171, pl.14, fig.12,12a. (missing)

CM21501. *Thracia transmontana* Yokoyama, p.172, pl.14, fig.13,13a, Syntype.

CM21502. *Thracia transmontana* Yokoyama, p.172, pl.14, fig.14, Syntype.

CM21507. *Thracia sematana* Yokoyama, p.173, pl.14, fig.17,17a, Syntype.

CM21508. *Thracia sematana* Yokoyama, p.173, pl.14, fig.18, Syntype.

Yokoyama, M. (1922a): continued

CM21510. *Poromya flexuosa* Yokoyama, p.173, pl.14, fig.15,15a, Syntype.
CM21511. *Poromya flexuosa* Yokoyama, p.173, pl.14, fig.16, Syntype.
CM21513. *Modiola barbata* (Linné), p.174, pl.14, fig.19.
CM21517. *Lithophaga zitteliana* Dunker, p.175, pl.17, fig.14.
CM21519. *Crenella divaricata* Yokoyama, p.175, pl.15, fig.10, Syntype.
CM21520. *Crenella divaricata* Yokoyama, p.175, pl.15, fig.11, Syntype.
CM21528. *Anomia lunula* Yokoyama, p.177, pl.14, figs.22,23, Syntype.
CM21532. *Anomia sematana* Yokoyama, p.177, pl.14, fig.20, Syntype.
CM21533. *Anomia sematana* Yokoyama, p.177, pl.14, fig.21, Syntype.
CM21544. *Lima vulgatula* Yokoyama, p.179, pl.17, fig.18, Syntype.
CM21545. *Lima vulgatula* Yokoyama, p.179, pl.17, fig.19, Syntype.
CM21547. *Spondylus cruentus* Lischke, p.179, pl.14, fig.24.
CM21548. *Plicatula cuneata* Dunker, p.180, pl.14, fig.25.
CM21553. *Pecten laetus* Gould, p.180, pl.14, fig.26(right).
CM21554. *Pecten laetus* Gould, p.180, pl.14, fig.26(left).
CM21555. *Pecten subplicatus* Sowerby, p.181, pl.15, fig.3.
CM21561. *Pecten tissoti* Bernardi, p.182, pl.15, fig.1.
CM21562. *Pecten tissoti* Bernardi, p.182, pl.15, fig.2. (missing)
CM21571. *Pecten excavatus* Anton, p.183, pl.15, fig.6.
CM21572. *Pecten excavatus* Anton, p.183, pl.15, fig.7. (missing)
CM21573. *Pecten tenuicostulatus* Yokoyama, p.184. pl.17, fig.15, Syntype. (missing)
CM21583. *Ostrea musashiana* Yokoyama, p.185, pl.15, fig.5.
CM21587. *Pinna japonica* Hanley, p.185, pl.15, fig.8.
CM21591. *Arca (Anomalocardia) granosa* Linné, p.186, pl.15, fig.4.
CM21596. *Arca (Anomalocardia) inflata* Reeve, p,187, pl.15, fig.9.
CM21602. *Arca (Scapharca) subcrenata* Lischke, p.187, pl.15, fig.12.
CM21610. *Pectunculus albolineatus* Lischke, p.188, pl.17, fig.1.
CM21611. *Pectunculus albolineatus* Lischke, p.188, pl.17, fig.2.
CM21612. *Pectunculus albolineatus* Lischke, p.188, pl.17, fig.3.
CM21614. *Pectunculus vestitus* Dunker, p.189, pl.16, fig.1.
CM21615. *Pectunculus vestitus* Dunker, p.189, pl.16, fig.2.
CM21616. *Pectunculus vestitus* Dunker, p.189, pl.16, fig.3.
CM21621. *Pectunculus yessoensis* Sowerby, p.189, pl.16, fig.6.

Yokoyama, M. (1922a): continued

CM21622. *Pectunculus yessoensis* Sowerby, p.189, pl.16, fig.7. (missing)

CM21628. *Pectunculus pilsbryi* Yokoyama, p.190, pl.16, fig.8.

CM21629. *Pectunculus pilsbryi* Yokoyama, p.190, pl.16, fig.9.

CM21631. *Pectunculus yamakawai* Yokoyama, p.190, pl.16, fig.4, Syntype.

CM21632. *Pectunculus yamakawai* Yokoyama, p.190, pl.16, fig.5, Syntype.

CM21634. *Cucullaria orientalis* Yokoyama, p.191, pl.17, fig.8, Syntype.

CM21635. *Cucullaria orientalis* Yokoyama, p.191, pl.17, fig.9, Syntype.

CM21637. *Limopsis woodwardi* A. Adams, p.192, pl.17, fig.5. (missing)

CM21643. *Limopsis areolata* Yokoyama, p.194, pl.17, fig.6, Syntype.

CM21644. *Limopsis areolata* Yokoyama, p.194, pl.17, fig.7, Syntype.

CM21646. *Limopsis nipponica* Yokoyama, p.195, pl.17, fig.16, Syntype.

CM21647. *Limopsis nipponica* Yokoyama, p.195, pl.17, fig.17, Syntype.

CM21650. *Leda confusa* Hanley, p.195, pl.17, fig.4. (missing)

CM21654. *Yoldia notabilis* Yokoyama, p.196, pl.17, fig.10, Syntype. (missing)

CB21661. *Eudesia grayi* (Davidson), p.199, pl.17, fig.11.

CB21662. *Eudesia grayi* (Davidson), p.199, pl.17, fig.12.

CB21664. *Rhynchonella psittacea* (Chemnitz) var. *woodwardi* (Adams), p.200, pl.17, fig.13. (missing)

CM21722. *Dosinia bilunulata* Gray, p.144, pl.10, fig.13.

CM21726. *Sigaretus (Eunaticina) oblongus* Reeve, p.85, pl.5, fig.9.

The following specimens, though not illustrated, were also treated in this paper.

Solidula strigosa (Gould): CM20729, CM20730

Solidula clathrata Yokoyama: CM20732, Syntype

Leucotina gigantea (Dunker): CM20734, CM20735

Tornatina exilis Dunker: CM20737, CM20738, CM20739

Tornatina longispirata Yamakawa: CM20741, CM20742

Retusa globosa Yamakawa: CM20744, CM20745

Retusa minima Yokoyama: CM20747, CM20748

Volvula angustata (A. Adams) var.: CM20750, CM20751

Volvula acutaeformis Yokoyama: CM20753, Syntype

Cylichna musashiensis Tokunaga: CM20755, CM20756, CM20757

Philine pygmaea Yokoyama: CM20761, Syntype

Yokoyama, M. (1922a): continued

Bulla multiarata Yokoyama: CM20764, Syntype

Ringicula musashinoensis Yokoyama: CM20768, CM20769, CM20770

Terebra lischkeana Dunker: CM20771, CM20772

Terebra hedleyi Pilsbry: CM20775

Terebra recticostata Yokoyama: CM20776

Terebra chibana Yokoyama: CM20778, CM20779, Syntypes

Terebra latisulcata Yokoyama: CM20783, Syntype

Terebra suavidica Yokoyama: CM20785, Synytpe

Terebra tsuboiana Yokoyama: CM20788, Syntype

Pleurotoma vertebrata Smith: CM20791, CM20792, CM20793

Drillia principalis Pilsbry: CM20797, CM20798

Drillia subauriformis Smith: CM20800

Drillia glabriuscula Yokoyama: CM20802, CM20804, Syntypes

Mangilia deshayesii Dunker: CM20805, CM20806

Mangilia ojiensis (Tokunaga): CM20808

Mangilia (Cythara) rugosolabiata Yokoyama: CM20811

Bela rugulata Troschel var. *schneideri* Harmer: CM20814

Cancellaria spengleriana Deshayes: CM20816 (missing), CM20817, CM20818, CM20818, CM20819, CM20820, CM20821

Cancellaria nodulifera Sowerby: CM20823, CM20824, CM20825, CM20826

Cancellaria asperella Lamarck var. *reeviana* Crosse: CM20828, CM20829, CM20830

Olivella fortunei (A. Adams): CM20832, CM20833, CM20834, CM20835, CM20836, CM20837

Olivella spretoides Yokoyama: CM20839, Syntype

Ancilla hinomotoensis Yokoyama: CM20841, Syntype

Marginella cotamago Yokoyama: CM20843, Syntype

Voluta megaspira Sowerby: CM20845

Mitra hondana Yokoyama: CM20847, Syntype

Fusus perplexus A. Adams: CM20849, CM20850, CM20851, CM20852

Fusus coreanicus Smith: CM20854, CM20855, CM20856

Fusus niponicus Smith: CM20858

Chrysodomus arthriticus (Valenciennes): CM20860, CM20861, CM20862, CM20863, CM20864, CM20865,

Sipho obesiformis (Reeve): CM20870

Yokoyama, M. (1922a): continued

Siphonalia spadicea (Reeve): CM20870

Siphonalia trochulus (Reeve): CM20875, CM20876, CM20877, CM20878, CM20879

Volutharpa perryi (Jay): CM20882, CM20883, CM20884

Eburna japonica Reeve: CM20887, CM20888

Nassa (Hima) japonica A. Adams: CM20889, CM20890, CM20891, CM20892, CM20893

Nassa (Hima) festiva Powis: CM20894, CM20895, CM20896

Columbella (Atilia) burchardi (Dunker): CM20898

Columbella (Atilia) smithi Yokoyama: CM20900, CM20901, Syntypes

Columbella (Atilia) praecursor Yokoyama: CM20904, CM20905, CM20906, Syntypes

Columbella (Atilia) masakadoi Yokoyama: CM20908, CM20909, CM20910, Syntypes

Columbella (Mitrella) dunkeri Tryon: CM20912, CM20913, CM20914, CM20915, CM20916

Trophon subclavatus Yokoyama: CM20919, CM20920

Typhis arcuatus Hinds: CM20922

Ocinebra falcata (Sowerby): CM20924 (missing), CM20925

Ocinebra spectata Yokoyama: CM20927, Syntype

Rapana bezoar Linné var. *thomasiana* Crosse: CM20929, CM20930, CM20931 (missing)

Purpura heyseana Dunker: CM20933 (missing)

Triton tenuiliratus Lischke: CM20935

Priene oregonensis (Redfield): CM20936

Cassis strigata (Gmelin): CM20938, CM20939

Dolium luteostomum Küster: CM20941, CM20942, CM20943, CM20944, CM20945

Erato callosa A. Adams et Reeve: CM20947

Potamides (Tympanotonos) fluviatilis (Postiez et Michaud): CM20950

Potamides (Batillaria) zonalis Bruguière: CM20951, CM20952

Potamides (Batillaria) multiformis (Lischke): CM20953, CM20954

Cerithiopsis nodosocostatus Yokoyama: CM20956, Syntype

Cerithiopsis (Seila) trisulcatus Yokoyama: CM20958, Syntype

Triforis otsuensis Yokoyama: CM20960

Trichotropis unicarinata Broderip et Sowerby: CM20963

Malania niponica Smith: CM20967

Solarium (Philippia) cingulum Kiener: CM20969 (missing)

Yokoyama, M. (1922a): continued

Solarium (Philippia) pseudoperspectivum (Brocchi): CM20971

Rissoa (Cingula) plebeja Yokoyama: CM20974, Synytype

Rissoina (Moerchiella) manzakiana Yokoyama: CM20976, Synytype

Fenella septentrionalis (Tokunaga): CM20979

Calyptraea mammilaris (Broderip): CM20983

Natica janthostoma Deshayes: CM20985, CM20986, CM20987

Polinices powisianus (Recluz): CM20989

Polinices (Neverita) ampla (Philippi): CM20990, CM20991, CM20992, CM20993, CM20994

Sigaretus (Eunaticina) papilla (Gmelin): CM20996, CM20997, CM20998, CM20999

Sigaretus (Eunaticina) oblongus Reeve: CM21001

Scalaria aurita Sowerby: CM21003, CM21004

Scalaria maculosa A. Adams et Reeve: CM21006, CM21665

Scalaria azumana Yokoyama: CM21008, CM21009, CM21010, Syntypes (missing)

Scalaria kazusensis Yokoyama: CM21012, Syntype

Scalaria conjuncta Yokoyama: CM21015, Syntype

Eulima (Leiostraca) unicincta Yokoyama: CM21019, CM21020, Syntypes

Eulima (Leiostraca) tokunagai Yokoyama: CM21021, CM21022, CM21023, Syntypes

Eulima (Leiostraca) glabroides Yokoyama: CM21025, Syntype

Pyramidella (Tiberia) pulchella (A. Adams): CM21028, CM21029, CM21030

Pyramidella (Agatha) virgo (Adams) var. *brevis* Yokoyama: CM21032, CM21033, CM21034, CM21035, CM21036, Syntypes

Pyramidella (Iphiana) mira Yokoyama: CM21039, Syntype

Pyramidella (Actaeopyramis) eximia (Lischke): CM21042, CM21043, CM21044, CM21045

Odostomia (Odostomia) sublimpida Yokoyama: CM21046

Odostomia (Odostomia) gordonis Yokoyama: CM21048, CM21049, CM21050, CM 21051, CM21052, Syntypes

Odostomia (Odostomia) shimosensis Yokoyama: CM21054, CM21055, Syntypes

Odostomia (Odostomia) limpida Dall et Bartsch: CM21058

Odostomia (Odostomia) desimana Dall et Bartsch: CM21059, CM21060, CM21061

Odostomia (Odostomia) venusta Yokoyama: CM21064 (missing), CM21065, CM 21066, Syntypes

Odostomia (Odostomia) toneana Yokoyama: CM21068, CM21069, Syntypes

Odostomia (Egilina) marielloides Yokoyama: CM21073, Syntype

Yokoyama, M. (1922a): continued

Turbonilla (Ptycheulimella) misella Yokoyama: CM21075, Syntype

Turbonilla (Mormula) paucicostulata Tokunaga: CM21078, CM21079

Turbonilla (Chemnitzia) teganumana Yokoyama: CM21083 (missing)

Turbonilla (Chemnitzia) sematana Yokoyama: CM21085, Syntype

Turbonilla (Cingulina) triarata Pilsbry: CM21090, CM21091

Turbonilla (Careliopsis ?) angulifera Yokoyama: CM21094, Syntype

Leptpthyra purpurescens (Dunker): CM21096, CM21097, CM21098, CM21099

Leptothyra pygmaea Yokoyama: CM21101, Syntype

Leptothyra crassilirata Yokoyama: CM21103, Syntype

Minolia tasmanica Tenison-Woods: CM21106

Solariella philippensis Watson: CM21108, CM21109, CM21110

Solariella angulata (Tokunaga): CM21112

Turcica imperialis A. Adams: CM21114

Calliostoma unicum (Dunker) var. *shinagawensis* Tokunaga: CM21116, CM21117. CM21118, CM21119, CM21120

Umbonium giganteum (Lesson): CM21122

Umbonium costatum (Valenciennes): CM21123, CM21124, CM21125, CM21126, CM21127

Stomatella lyrata Pilsbry: CM21130

Macroschisma sinensis A. Adams var. *brevis* Yokoyama: CM21132, Syntype

Puncturella nobilis (A. Adams): CM21134

Emarginula vadososinuata Yokoyama: CM21136, Syntype

Helcioniscus pallidus (Gould): CM21137 (missing)

Dentalium weinkauffi Dunker: CM21139, CM21140, CM21141, CM21142, CM21143, CM21144 (missing)

Dentalium octogonum Lamarck: CM21145, CM21146

Dentalium edoense Tokunaga: CW21147, CW21148, CW21149, CW21152

Dentalium (Fustiaria) nipponicum Yokoyama: CM21151, Syntype

Pholas fragilis Sowerby: CM21153

Jouannetia kamakurensis Yokoyama: CM21155, Syntype

Panope generosa (Gould): CM21158, CM21159, CM21160

Saxicava orientalis Yokoyama: CM21161 (missing)

Corbula erythrodon Lamarck: CM21164, CM21168

Corbula venusta Gould: CM21165, CN21166, CM21167, CM21168, CM21169

Corbula frequens Yokoyama: CM21172, CM21173, CM21174, Syntypes

Yokoyama, M. (1922a): continued

Corbula pustulosa Yokoyama: CM21176, CM21177, Syntypes

Corbula sematensis Yokoyama: CM21180, Syntype

Corbula pygmaea Yokoyama: CM21183, CM21184, CM21185, Syntypes

Cryptomya busoensis Yokoyama: CM21189, CM21190, CM21191, Syntypes

Mactra sulcataria Deshayes: CM21193, CM21194 (missing), CM21195, CM21196, CM21197, CM21198

Mactra veneriformis Deshayes: CM21199, CM21200 (missing)

Mactra ovalina Lamarck: CM21203, CM21204, CM21205,

Mactra dunkeri Yokoyama: CM21208, CM21209, CM21210, Syntypes

Mactra sachalinensis Schrenck var. *imperialis* Yokoyama: CM21213. CM21214, CM21215, Syntypes

Spisula grayana (Schrenck): CM21218

Spisula bernardi Pilsbry: CM21221

Raeta yokohamensis Pilsbry: CM21224, CM21225, CM21226, CM21227

Raeta elliptica Yokoyama: CM21230, CM21231, CM21232, Syntypes

Tresus nuttali (Conrad): CM21236, CM21237, CM21238, CM21239

Lutraria maxima Jonas: CM21242, CM21243, CM21244

Solen grandis Dunker: CM21246, CM21247

Solen krusensternii Schrenck: CM21249, CM21250, CM21251, CM21252, CM21253

Siliqua pulchella (Dunker): CM21255, CM21669

Solecurtus divaricatus (Lischke): CM21256, CM21257, CM21258, (missing)

Psammobia kazusensis Yokoyama: CM21262, Syntype

Soletellina violacea Lamarck: CM21265, CM21266 (missing), CM21267

Soletellina olivacea Jay: CM21269, CM21270

Tellina jedoensis Lischke: CM21274, CM21670

Tellina venulosa Schrenck: CM21277, CM21278, CM21279, CM21280

Tellina nitidula Dunker: CM21282, CM21283, CM21284, CM21285, CM21671

Tellina alternata Say var. *chibana* Yokoyama: CM21288, CM21289, CM21290, Syntypes

Tellina ojiensis Tokunaga: CM21291

Tellina miyatensis Yokoyama: CM21292, CM21293, CM21294, CM21295, CM21296

Tellina delta Yokoyama: CM21300, CM21301, CM21302, CM21303, Syntypes

Macoma praetexta (Martens): CM21306, CM21307, CM21308, CM21309

Macoma nipponica (Tokunaga): CM21310, CM21311, CM21312

Yokoyama, M. (1922a): continued

Macoma inquinata (Deshayes): CM21313

Macoma dissimilis (Martens): CM21315, CM21316

Macoma secta (Conrad): CM21318, CM21319

Dosinia troscheli Lischke: CM21320, CM21321, CM21322, CM21323, CM21324, CM21325, CM21724 (missing)

Cyclina chinensis (Chemnitz): CM21327, CM21328

Meretrix meretrix (Linné): CM21331, CM21332, CM21333, CM21334

Meretrix (Callista) chinensis (Chemnitz): CM21336, CM21337, CM21338, CM21339, CM21340

Sunetta excavata (Hanley): CM21344, CM21345, CM21346, CM21347

Venus (Mercenaria) stimpsoni Gould: CM21350, CM21351, CM21352, CM21353

Venus jedoensis Lischke: CM21354, CM21355, CM21356

Venus neastartoides Yokoyama: CM21359, CM21360, CM21361, CM21362, Syntypes

Chione isabellina (Philippi): CM21363, CM21364, CM21365

Chione mindanensis Smith: CM21368

Venerupis semipurpurea (Dunker): CM21371, CM21372, CM21373, CM21374

Tapes philippinarum (Adams et Reeve): CM21376 (missing), CM21377

Tapes variegatus Hanley: CM21378, CM21379, CM21380, CM21381, CM21382

Saxidomus purpuratus (Sowerby): CM21384, CM21385, CM21386, CM21387

Cardium burchardi Dunker: CM21389

Cardium californiense Deshayes: CM21390, CM21391

Cardium muticum Reeve: CM21393, CM21394, CM21395, CM21396

Cardium modestum Adams et Reeve: CM21397

Cardium braunsi Tokunaga: CM21399, CM21400

Cardium tokunagai Yokoyama: CM21404, CM21405, CM21406, Syntypes

Montacuta japonica Yokoyama: CM21409, CM21410, CM21411, Syntypes

Montacuta oblongata Yokoyama: CM21414, Syntype

Montacuta ? yamakawai Yokoyama: CM21416, Syntype

Diplodonta usta Gould: CM21420, CM21421, CM21422, CM21423, CM21424

Diplodonta japonica Pilsbry: CM21425, CM21426, CM21427

Diplodonta semiaspera Philippi: CM21429, CM21430, CM21431, CM21432

Lucina pisidium Dunker: CM21433, CM21434, CM21435

Lucina borealis (Linné): CM21436, CM21437, CM21438, CM21673

Lucina contraria Dunker: CM21439, CM21440, CM21441, CM21442

Yokoyama, M. (1922a): continued

Chama semipurpurata Lischke: CM21444

Venericardia cipangoana Yokoyama: CM21446, CM21447, CM21448, CM21449, CM21450

Venericardia ferruginea (Adams): CM21451, CM21452 (missing), CM21453

Venericardia toneana Yokoyama: CM21456, CM21457, CM21674, Syntypes

Astarte hakodatensis Yokoyama: CM21459

Crassatella oblongata Yokoyama: CM21460

Crassatella heteroglypta (Pilsbry): CM21462 (missing)

Corbicula sandaiformis Yokoyama: CM21465, CM21466, CM21467, Syntypes

Corbicula kobelti Yokoyama: CM21470, CM21471, Syntypes

Trapezium nipponicum Yokoyama: CM21476, Syntype

Cuspidaria ligula Yokoyama: CM21481, Syntype

Lyonsia praetenuis Dunker: CM21484

Myodora fluctuosa Gould: CM21488, CM21489, CM21490, CM21491, CM21492, CM21675

Myodora reeviana Smith: CM21495, CM21496, CM21497

Thracia papyracea (Poli): CM21499, CM21500

Thracia transmontana Yokoyama: CM21503, CM21504, CM21505, CM21506, Syntypes

Thracia sematana Yokoyama: CM21509, Syntype

Poromya flexuosa Yokoyama: CM21512, Syntype

Modiola barbata (Linné): CM21512, CM21515

Modiola modiolus Linné: CM21516

Lithophaga zitteliana Dunker: CM21518

Crenella divaricata Yokoyama: CM21521, Syntype

Anomia nipponensis Yokoyama: CM21522, CM21523, CM21524, CM21525, CM21526, CM21527

Anomia lunula Yokoyama: CM21529, CM21530, CM21531, Syntypes

Anomia sematana Yokoyama: CM21534, Syntype

Lima angulata Sowerby: CM21535, CM21536, CM21537, CM21538

Lima subauriculata (Montagu): CM21539, CM21540, CM21541, CM21542

Lima quantoensis Yokoyama: CM21543

Lima vulgatula Yokoyama: CM21546, Syntype

Pecten squamatus (Gmelin): CM21549 (missing), CM21550, CM21551, CM21552 (missing)

Yokoyama, M. (1922a): continued

Pecten crassicostatus Pilsbry: CM21556

Pecten vesiculosus Dunker: CM21557

Pecten intuscostatus Yokoyama: CM21558

Pecten tokyoensis Tokunaga: CM21559, CM21560

Pecten laqueatus Sowerby: CM21563, CM21564, CM21565, CM21566, CM21567, CM21568

Pecten excavatus Anton: CM21569, CM21570, CM21676

Pecten tenuicostulatus Yokoyama: CM21574, Syntype

Ostrea gigas Thunberg: CM21575, CM21576, CM21577, CM21578, CM21579, CM 21580

Ostrea denselamellosa Lischke: CM21581

Ostrea musashiana Yokoyama: CM21584, CM21585, CM21586 (missing)

Arca kobeltiana Pilsbry: CM21588, CM21589

Arca symmetrica Reeve: CM21590

Arca (Anomalocardia) granosa Linné: CM21592, CM21593, CM21594, CM21595

Arca (Anomalocardia) inflata Reeve: CM21597, CM21598, CM21599, CM21600, CM21601

Arca (Scapharca) subcrenata Lischke : CM21603, CM21604, CM21605, CM21606, CM21607, CM21608, CM21609

Pectunculus albolineatus Lischke: CM21613

Pectunculus vestitus Dunker: CM21617, CM21618, CM21619, CM21620

Pectunculus yessoensis Sowerby: CM21623, CM21624, CM21625, CM21626, CM 21627

Pectunculus pilsbryi Yokoyama: CM21630

Parallelodon obliquatus Yokoyama: CM21633

Cucullaria orientalis Yokoyama: CM21636, Syntype

Limopsis woodwardi A. Adams: CM21638

Limopsis crenata A. Adams: CM21639

Limopsis azumana Yokoyama: CM21640, CM21641

Limopsis adamsiana Yokoyama: CM21642

Limopsis areolata Yokoyama: CM21645, Syntype

Limopsis nipponica Yokoyama: CM21648, CM21649, Syntypes

Leda confusa Hanley: CM21651 (missing), CM21652 (missing)

Leda ramsayi Smith: CM21653

Yoldia notabilis Yokoyama: CM21655 (missing), Syntype

Yokoyama, M. (1922a): continued

Nucula insignis Gould: CM21656, CM21657, CM21658

Terebratella coreanica Adams et Reeve: CB21659 (missing)

Terebratella pulvinata (Gould): CB21660 (missing)

Eudesia grayi (Davidson): CB21663

Turbonilla (Chemnitzia) imbana Yokoyama: CM21666, CM21667, Syntypes

Pecten laetus Gould: CM21677, CM21678, CM21680, CM21723

Pecten tissoti Bernardi: CM21679

Yokoyama, M. (1922b): On a new species of Pecten from the Neogene of Japan. *Jour. Geol. Soc. Tokyo,* vol.29, no.350, pp.1,2, pl.5.

CM23491. *Pecten praesignis* Yokoyama, p.1, pl.5, figs.1-3, Holotype.

Yokoyama, M. (1923a): On some fossil shells from the island of Saishū in the strait of Tsushima. *Jour. Coll. Sci. Imp. Univ. Tokyo*, vol.44. art.7, pp.1-9, pl.1.

CM21685. *Turritella saishuensis* Yokoyama, p.3, pl.1, fig.2, Syntype. (missing)

CM21697. *Venericardia ferruginea* (Adams) var. *orbicularis* Yokoyama, p.5, pl.1,fig.6, Holotype.

CM21699. *Venericardia nakamurai* Yokoyama, p.5, pl.1, fig.9, Holotype.

CM21701. *Thracia pubescens* Pulteny, p.6, pl.1, fig.1a,b.

CM21707. *Pecten cosibensis* Yokoyama, p.7, pl.1, fig.5

CB21711. *Terebratella (?) excelsa* Yokoyama, p.8, pl.1, fig.3, Syntype.

CB21712. *Terebratella (?) excelsa* Yokoyama, p.8, pl.1, fig.4a,b, Syntype.

CB21715. *Terebratella (?)* sp., p.8, pl.1, fig.10.

CB21717. *Endesia (?)* sp., p.9, pl.1, fig.7a.b.

CB21718. *Endesia (?)* sp., p.9, pl.1, fig.8a,b.

The following specimens, though not illustrated, were also treated in this paper.

Natica sp.: CM21687

Dentalium weinkauffi Dunker: CM21688

Pholas fragilis Sowerby: CM21689

Dosinia sp.: CM21690

Yokoyama, M. (1923a): continued

Meretrix (Callista) chinensis (Chemnitz): CM21691

Saxidomus purpuratus (Sowerby): CM21692

Cardium sp.: CM21693

Diplodonta semiaspera (Philippi): CM21694

Lucina borealis (Linné): CM21695

Venericardia cipangoana Yokoyama: CM21696

Venericardia ferruginea (Adams) var. *orbicularis* Yokoyama: CM21698, Syntype

Myodora fluctuosa Gould: CM21700

Mytilus sp.: CM21702

Anomia lunula Yokoyama: CM21703

Pecten laqueatus Sowerby: CM21704

Pecten laetus Gould: CM21705

Pecten tokyoensis Tokunaga: CM21706

Pectunculus vestitus Dunker: CM21708

Nucula insignis Gould: CM21709

Terebratella coreanica Adams et Reeve: CB21710

Terebratella (?) excelsa Yokoyama: CB21713, CB21714, Synytpes

Terebratella (?) sp.: CB21716

Endesia (?) sp.: CB21719

Tubicolous Annelids: CW21720

Cirripedes: CA21721

Yokoyama, M. (1923b): Tertiary Mollusca from Dainichi in Totomi. *Jour. Coll. Sci. Imp. Univ. Tokyo,* vol.45, art.2, pp.1-8, pls.1,2.

CM21734. *Drillia sobrina* Yokoyama, p.5, pl.1, fig.1, Syntype.

CM21736. *Drillia dainichiensis* Yokoyama, p.6, pl.1, fig.2, Syntype.

CM21738. *Cancellaria crispata* Sowerby, p.7, pl.1, fig.3.

CM21740. *Ancilla okawai* Yokoyama, p.7, pl.1, fig.4, Synytpe.

CM21741. *Ancilla okawai* Yokoyama, p.7, pl.1, fig.5, Syntype. (missing)

CM21742. *Ancilla okawai* Yokoyama, p.7, pl.1, fig.6, Syntype.

CM21743. *Ancilla okawai* Yokoyama, p.7, pl.1, fig.7, Syntype.

CM21745. *Mitra pristina* Yokoyama, p.8, pl.1, fig.8, Syntype.

Yokoyama, M. (1923b): continued

CM21746. *Mitra pristina* Yokoyama, p.8, pl.1, fig.9, Syntype. (missing)

CM21747. *Mitra pristina* Yokoyama, p.8, pl.1, fig.10, Syntype.

CM21748. *Mitra pristina* Yokoyama, p.8, pl.1, fig.11, Syntype.

CM21749. *Mitra pristina* Yokoyama, p.8, pl.1, fig.12, Syntype.

CM21752. *Siphonalia cassidariaeformis* (Reeve), p.9, pl.1, fig.13.

CM21753. *Siphonalia cassidariaeformis* (Reeve), p.9, pl.1, fig.14.

CM21754. *Siphonalia cassidariaeformis* (Reeve), p.9, pl.1, fig.15. (missing)

CM21756. *Eburna elata* Yokoyama, p.9, pl.1, fig.16, Syntype.

CM21757. *Eburna elata* Yokoyama, p.9, pl.1, fig.17, Syntype.

CM21760. *Nassa (Hima) demissa* Yokoyama, p.10, pl.2, fig.8, Syntype.

CM21761. *Nassa (Hima) demissa* Yokoyama, p.10, pl.2, fig.9, Syntype.

CM21766. *Turritella perterebra* Yokoyama, p.11, pl.2, fig.2, Syntype.

CM21767. *Turritella perterebra* Yokoyama, p.11, pl.2, fig.3, Syntype.

CM21768. *Turritella perterebra* Yokoyama, p.11, pl.2. fig.4, Syntype.

CM21769. *Turritella perterebra* Yokoyama, p.11, pl.2, fig.5, Syntype.

CM21776. *Umbonium suchiense* Yokoyama, p.13, pl.2, fig.1, Syntype.

CM21778. *Umbonium mysticum* Yokoyama, p.13, pl.2, fig.6, Syntype. (missing)

CM21779. *Umbonium mysticum* Yokoyama, p.13, pl.2, fig.7, Syntype.

CM21788. *Clementia speciosa* Yokoyama, p.15, pl.2, fig.14, Syntype.

CM21789. *Clementia speciosa* Yokoyama, p.15, pl.2, fig.15, Syntype. (missing)

CM21796. *Arca castellata* Yokoyama, p.17, pl.2, fig.10, Syntype.

CM21797. *Arca castellata* Yokoyama, p.17, pl.2, fig.11, Syntype.

CM21798. *Arca castellata* Yokoyama, p.17, pl.2, fig.12, Syntype.

CM21799. *Arca castellata* Yokoyama, p.17, pl.2, fig.13, Syntype.

The following specimens, though not illustrated, were also treated in this paper.

Cylichna musashiensis Tokunaga: CM21729

Terebra lischkeana Dunker: CM21730

Terebra tsuboiana Yokoyama: CM21731

Drillia pseudo-principalis Yokoyama: CM21732

Drillia quantoana Yokoyama: CM21733

Drillia sobrina Yokoyama: CM21735, Syntype

Yokoyama, M. (1923b): continued

Drillia dainichiensis Yokoyama: CM21735, Syntype

Olivella spretoides Yokoyama: CM21739

Ancilla okawai Yokoyama: CM21744, Syntype

Mitra pristina Yokoyama: CM21750, Syntype

Hemifusus ternatanus (Gmelin): CM21751

Siphonalia cassidariaeformis (Reeve): CM21755

Eburna elata Yokoyama: CM21758, Syntype

Nassa (Hima) japonica Lischke: CM21759

Nassa (Hima) demissa Yokoyama: CM21762, Syntype

Murex spinicosta Bronn: CM21763

Rapana bezoar Linné var. *thomasiana* Crosse: CM21764

Galeodea (Sconsia) japonica Yokoyama: CM21765 (missing)

Turritella perterebra Yokoyama: CM21770, CM21771, Syntypes

Natica janthostoma Deshayes: CM21772

Polinices (Neverita) ampla (Philippi): CM21773

Sigaretus (Eunaticina) papilla Gmelin: CM21774

Calliostoma unicum (Dunker): CM21775

Umbonium suchiense Yokoyama: CM21777, Syntype

Umbonium mysticum Yokoyama: CM21780

Dentalium sp.: CM21781

Panope generosa Gould: CM21782

Mactra crossei (Dunker): CM21783

Raeta yokohamensis Pilsbry: CM21784

Macoma praetexta (Martens): CM21785

Dosinia troscheli Lischke: CM21786

Meretrix (Callista) chinensis (Chemitz): CM21787 (missing)

Clementia speciosa Yokoyama: CM21790, Syntype

Chione isabellina (Philippi): CM21792

Cardium sp.: CM21793

Diplodonta sp,: CM21794

Pinna japonica Hanley: CM21795

Arca castellata Yokoyama: CM21800, Syntype

Arca sp.: CM21801 (missing)

Leda confusa Hanley: CM21802 (missing)

Yokoyama, M. (1923c): On some fossil Mollusca from the Neogene of Izumo. *Japan. Jour. Geol. Geogr.*, vol.2, no.1, pp.1-9, pls.1,2.

CM24548. *Galeodea (Sconsia) japonica* Yokoyama, p.3, pl.1, fig.4a,b, Syntype.

CM24551. *Turritilla* [error of *Turritella*] aff. *saishuensis* Yokoyama, p.4, pl.1, fig.3.

CM24557. *Mactra fujinensis* Yokoyama, p.5, pl.2, fig.2, Holotype.

CM24561. *Cultellus izumoensis* Yokoyama, p.5, pl.2, fig.1, Syntype.

CM24565. *Tellina optiva* Yokoyama, p.6, pl.2, fig.3, Syntype.

CM24566. *Tellina optiva* Yokoyama, p.6, pl.2, fig.4, Syntype.

CM24568. *Venus (Mercenaria) stimpsoni* Gould, p.6, pl.1, fig.5.

CM24574. *Cardium pauperculum* Yokoyama, p.6, pl.1, fig.2, Syntype.

CM24580. *Cardium shinjiensis* Yokoyama, p.6, pl.2, fig.6a,b, Syntype.

CM24590. *Pecten kagamianus* Yokoyama, p.8, pl.1, fig.1a,b, Holotype.

CM24591. *Yoldia gratiosa* Yokoyama, p.8, pl.2, fig.5, Syntype. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Siphonalia spadicea (Reeve): CM24547, CM26365 (missing)

Galeodea (Sconsia) japonica Yokoyama: CM24549, CM24550, Syntypes

Turritilla [error of *Turritella*] aff. *saishuensis* Yokoyama: CM24552

Natica janthostoma Deshayes: CM24553

Dentalium complexum Dall: CM24554

Panope generosa Gould: CM24555, CM24556

Mactra sp.: CM24558, CM24559, CM24560

Cultellus izumoensis Yokoyama: CM24562, CM24563, CM24564, Syntypes

Tellina optiva Yokoyama: CM24567, Syntype

Venus (Mercenaria) stimpsoni Gould: CM24569, CM24570, CM24571, CM24572, CM24573

Cardium pauperculum Yokoyama: CM24575, CM24576, CM24577, CM24578, CM24579, Syntypes

Cardium shinjiensis Yokoyama: CM24581, CM24582, CM24583, CM24584, Syntypes

Modiola modiolus Linné: CM24585, CM24586, CM24587

Pecten yessoensis Jay: CM24588

Pecten lactus [error of *laetus*] Gould: CM24589

Nucula mirabilis Adams et Reeve: CM24592 (missing), CM26367 (missing)

Yoldia gratiosa Yokoyama: CM26366 (missing), Syntype

Yokoyama, M. (1923d): Tertiary fossils from Kii. *Japan. Jour. Geol. Geogr.*, vol.2, no.3, pp.47-58, pls.6,7.

CM24593. *Cancellaria* sp., p.50, pl.6, fig.4.

CM24594. *Melongena pugilina* (Born), p.50, pl.6, fig.2.

CM24595. *Melongena puginina* (Born), p.50, pl.6, fig.3.

CM24596. *Melongena pugilina* (Born), p.50, pl.6, fig.13.

CM24598. *Melongena ?* sp., p.50. pl.6, fig.7.

CM24600. *Murex (Phyllonotus) bullocki* Yokoyama, p.61, pl.6, fig.5, Syntype. (missing)

CM24601. *Murex (Phyllonotus) bullocki* Yokoyama, p.51, pl.6, fig,6, Syntype. (missing)

CM24604. *Urosalpinx* cf. *birileffi* (Lischke), p.51, pl.6, fig.1.

CM24606. *Cerithium baculum* Yokoyama, p.52, pl.6, fig.12, Holotype. (missing)

CM24607. *Turritella kiiensis* Yokoyama, p.52, pl.6, fig.9, Syntype.

CM24608. *Turritella kiiensis* Yokoyama, p.52, pl.6, fig.10, Syntype.

CM24624. *Sigaretus ineptus* Yokoyama, p.53, pl.6, fig.16, Holotype.

CM24625. *Scala amoena* Yokoyama, p.54, pl.6, fig.8, Syntype.

CM24632a. *Dentalium lentum* Yokoyama, p.54, pl.6, fig.18, Syntype.

CM24632b. *Dentalium lentum* Yokoyama, p.54, pl.6, fig.20, Syntype.

CM24633. *Dentalium lentum* Yokoyama, p.54, pl.6, fig.19, Syntype. (missing)

CM24635. *Corbula peregrina* Yokoyama, p.55, pl.7, fig.9,9a, Syntype.

CM24636. *Corbula peregrina* Yokoyama, p.55, pl.7, fig.10,10a, Syntype.

CM24637. *Corbula peregrina* Yokoyama, p.55, pl.7, fig.11, Syntype.

CM24638. *Corbula peregrina* Yokoyama, p.55, pl.7, fig.12, Syntype.

CM24647. *Corbula tanabensis* Yokoyama, p.55, pl.7, fig.8,8a, Holotype.

CM24648. *Corbula tsukaharai* Yokoyama, p.55, pl.7, fig.14,14a, Holotype.

CM24649. *Corbula succincta* Yokoyama, p.56, pl.7, fig.3, Syntype.

CM24650. *Corbula succincta* Yokoyama, p.56, pl.7, fig.4, Syntype.

CM24651. *Corbula succincta* Yokoyama, p.56, pl.7, fig.5, Syntype.

CM24652. *Corbula succincta* Yokoyama, p.56, pl.7, fig.6, Syntype.

CM24653. *Corbula succincta* Yokoyama, p.56, pl.7, fig.7, Syntype.

CM24664. *Tapes euglyptus* (Philippi), p.56, pl.6, fig.17.

CM24665. *Lucina borealis* Linné, p.57, pl.6, fig.11.

CM24667. *Pinna* sp., p.57, pl.6, fig.15.

Yokoyama, M. (1923d): continued

CM24668. *Arca valentula* Yokoyama, p.57, pl.7, fig.1,1a, Synytpe.

CM24669. *Arca valentula* Yokoyama, p.57, pl.7, fig.2,2a, Syntype.

CM24673. *Arca setoensis* Yokoyama, p.58, pl.7, fig.13,13a, Syntype.

CW24677. *Serpula mirifica* Yokoyama, p.58, pl.6, fig.14, Syntype. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Melongena pugilina (Born): CM24597

Eburna elata Yokoyama: CM24599

Murex (Phyllonotus) bullocki Yokoyama: CM24602, CM24603, Syntypes

Cerithium kobelti Dunker: CM24605

Turritella kiiensis Yokoyama: CM24609, CM24610, CM24611, CM24612, CM24613, CM24614, CM24615, CM24616, CM24617, CM24618, CM24619, CM24620

Natica janthostoma Deshayes: CM24621

Polinices (Neverita) ampla (Philippi): CM24622

Sugaretus (Eunaticina) papilla (Gmelin): CM24623

Scala amoena Yokoyama: CM24626, CM24627, CM24628, CM24629, Syntypes

Pyramidella (Tiberia)pulchella (A. Adams): CM24630

Umbonium sp.: CM24631

Dentalium lentum Yokoyama: CM24634, Syntype

Corbula peregrina Yokoyama: CM24639, CM24640, CM24641, CM24642, CM24643, CM24644, CM24645, CM24646, Syntypes

Corbula succincta Yokoyama: CM24654, CM24655, CM24656, CM24657, CM24658, CM24659, CM24660, Syntypes

Macoma inquinata (Deshayes): CM24661

Venus (Mercenaria) stimpsoni Gould: CM24662

Sunetta excavata (Hanley): CM24663

Ostrea sp.: CM24666

Arca valentula Yokoyama: CM24670, CM24671, CM24672, Syntypes

Arca setoensis Yokoyama: CM24674, CM24675, Syntypes

Pectunculus sp.: CM24676

Tapes euglyptus (Philippi): CM24678

Yokoyama, M. (1924a): Mollusca from the coral-bed of Awa. *Jour. Coll. Sci. Imp. Univ. Tokyo,* vol.45, art.1, pp.1-62, pls.1-5.

CM21806. *Retusa lineolata* Yokoyama, p.11, pl.1, fig.6, Holotype.

CM21807. *Clathurella centrosa* Pilsbry, p.11, pl.5, fig.15.

CM21809. *Euthria ferrea* (Reeve), p.12, pl.5, fig.17.

CM21814. *Columbella (Anachis) awana* Yokoyama, p.13, pl.1, fig.1, Holotype.

CM21815. *Engina acuminata* (Reeve), p.14, pl.1, fig.3.

CM21816. *Ocinebra contracta* (Reeve), p.15, pl.1, fig.2. (missing)

CM21818. *Purpura (Thalessa) bitubercularis* Lamarck, p.15, pl.1, fig.4.

CM21820. *Purpura (Cuma) rugosa* (Born), p.16, pl.1, fig.10.

CM21822. *Leptoconchus rostratus* A. Adams, p.16, pl.1, fig.5.

CM21823 [=CM22012]. *Triton (Simpulum) costatus* (Born), p.17, pl.1, fig.16.

CM21825. *Triton (Epidromus) obscurus* Reeve, p.17, pl.1, fig.9.

CM21827. *Cypraea carneola* Linné, p.18, pl.1, fig.11.

CM21828. *Cypraea candida* Pease, p.18, pl.2, fig.1.

CM21832. *Bittium acutangulum* Yokoyama, p.19, pl.1, fig.7, Holotype.

CM21834. *Bittium numamuranum* Yokoyama, p.20, pl.1, fig.13, Syntype.

CM21836. *Potamides (Batillaria) zonalis* Bruguière, p.20, pl.5, fig.18.

CM21838. *Cerithiopsis hilaris* Yokoyama, p.21, pl.1, fig.8, Syntype.

CM21840. *Cerithiopsis pulviformis* Yokoyama, p.21, pl.1, fig.15, Holotype.

CM21841. *Cerithiopsis satomii* Yokoyama, p.22, pl.1, fig.23, Syntype.

CM21844. *Triforis exilis* Dunker, p.23, pl.5, fig.14.

CW21849. *Spiroglyphus tricarinatus* Yokoyama, p.24, pl.1, fig.14,14a, Holotype. (missing)

CW21850. *Vermetus reticulatus* Yokoyama, p.24, pl.1, fig.17,17a, Syntype.

CW21851. *Vermetus reticulatus* Yokoyama, p.24, pl.1, fig.18,18a, Syntype.

CW21852. *Vermetus reticulatus* Yokoyama, p.24, pl.1, fig.19, Syntype.

CM21855. *Vermetus annulatus* Yokoyama, p.25, pl.2, fig.2, Holotype.

CM21856. *Litiopa (Diala) semistriata* Philippi, p.25, pl.1, fig.20.

CM21858. *Rissoa (Alvania) concinna* (A. Adams), p.24, pl.5, fig.11.

CM21860. *Rissoina (Phosinella) cancellata* Philippi, p.26, pl.5, fig.10.

CM21862. *Fenella pupoides* A. Adams, p.27, pl.5, fig.9.

CM21864. *Fenella yamakawai* Yokoyama, p.27, pl.1, fig.24, Syntype.

CM21866. *Fenella shinonis* Yokoyama, p.28, pl.1, fig.25, Syntype.

Yokoyama, M. (1924a): continued

CM21868. *Fenella orientalis* Yokoyama, p.28, pl.1, fig.26.

CM21869. *Fenella kenonis* Yokoyama, p.29, pl.1, fig.27, Syntype.

CM21871. *Crepidula aculeata* (Gmelin), p.29, pl.1, fig.12a,b.

CM21873. *Eulima (Leiostraca) hojoensis* Yokoyama, p.29, pl.1, fig.21, Holotype.

CM21874. *Odostomia (Miralda) gemma* (A. Adams), p.30, pl.5, fig.16.

CM21877. *Turbonilla humilis* Yokoyama, p.30, pl.2, fig.3, Holotype.

CM21878. *Nerita albicilla* Linné, p.31, pl.2, fig.6.

CM21879. *Turbo (Batillus) cornutus* Gmelin, p.31, pl.1, fig.22.

CM21881. *Astralium (Cyclocantha) haematragus* (Menke), p.32, pl.2, fig.7.

CM21882. *Leptothyra pilula* (Dunker), p.32, pl.5, fig.20.

CM21883. *Trochus (Clanculus) atropurpureus* (Gould), p.33, pl.2, fig.5.

CM21885. *Trochus (Clanculus) gordonis* Yokoyama, p.33, pl.2, fig.4, Holotype.

CM21886. *Monodonta labio* (Linné), p.34, pl.2, fig.8.

CM21891. *Scissurella turbinata* (A. Adams), p.35, pl.5, fig.21.

CM21893. *Fissuridea rueppellii* (Sowerby), p.36, pl.2, fig.9.

CM21895. *Subemarginula cratitioides* Yokoyama, p.36, pl.2, fig.10, Syntype.

CM21898. *Pholas cupula* Yokoyama, p.37, pl.2, fig.15, Holotype.

CM21899. *Pholas subconstricta* Yokoyama, p.38, pl.2, fig.13, Syntype.

CM21903. *Jouannetia yabei* Yokoyama, p.39, pl.2, fig.11, Syntype.

CM21905. *Basterotia gouldii* (A. Adams), p.39, pl.3, fig.2.

CM21906. *Basterotia gouldii* (A. Adams), p.39, pl.3, fig.3.

CM21908. *Semele aspasia* Angas, p.40, pl.2, fig.17.

CM21910. *Tellina iridella* Martens, p.41, pl.5, fig.23.

CM21912. *Tellina radiato-lineata* Yokoyama, p.41, pl.2, fig.18, Syntype.

CM21913. *Tellina radiato-lineata* Yokoyama, p.41, pl.2, fig.19, Syntype.

CM21916. *Petricola awana* Yokoyama, p.42, pl.2, fig.12, pl.3, fig.1, Holotype.

CM21918. *Meretrix tigrina* (Lamarck), p.42, pl.2, fig.16.

CM21920. *Meretrix (Callista) limatula* (Sowerby), p.43, pl.2, fig.21, (missing)

CM21922. *Venus jedoensis* Lischke, p.43, pl.2, fig.20.

CM21924. *Venus toreuma* Gould, p.44, pl.2, fig.22.

CM21925. *Venerupis irus* (Linné), p.44, pl.2, fig.23.

Yokoyama, M. (1924a): continued

CM21927. *Venerupis insignis* (Deshayes), p.45, pl.3, fig.4.

CM21930. *Scintilla solidula* Deshayes, p.46, pl.5, fig.22.

CM21932. *Scintilla nipponica* Yokoyama, p.47, pl.4, fig.1, Holotype.

CM21933. *Scintilla trigonalis* Yokoyama, p.47, pl.4, fig.2, Holotype. (missing)

CM21934. *Galeomma adamsi* Yokoyama, p.47, pl.4, fig.3, Syntype.

CM21935. *Galeomma adamsi* Yokoyama, p.47, pl.4, fig.4, Syntype.

CM21937. *Lepton puncticulatum* Yokoyama, p.48, pl.4, figs.8,8a,9, Holotype.

CM21942. *Codakia bella* Conrad var. *delicatula* Pilsbry, p.50, pl.3, fig.8.

CM21945. *Chama retroversa* Lischke, p.50. pl.3, fig.7a-c. (missing)

CM21947. *Cardita crassicosta* Lamarck, p.51, pl.3, fig.12.

CM21949. *Coralliophaga coralliophaga* (Chemnitz), p.51, pl.3, fig.9.

CM21952. *Mytilus curvatus* Dunker, p.52, pl.3, fig.10.

CM21954. *Lithophaga nasuta* (Philippi), p.53, pl.3, fig.11.

CM21956. *Modiolaria semigranata* Reeve, p.53, pl.3, fig.14.

CM21957. *Lima dunkeri* Smith, p.54, pl.5, fig.19.

CM21959. *Lima lima* (Linné), p.54, pl.3, fig.13.

CM21961. *Spondylus cruentus* Lischke, p.55, pl.5, fig.12.

CM21963. *Plicatula irregularis* Dunker, p.55, pl.4, fig.5.

CM21964. *Plicatula irregularis* Dunker, p.55, pl.4, fig.6.

CM21967. *Pecten spectabilis* Reeve, p.56, pl.4, fig.7.

CM21968. *Pecten plica* (Linné), p.56, pl.4, fig.11.

CM21970. *Pecten quadriliratus* Lischke, p.57, pl.4, fig.10.

CM21972. *Ostrea cucullata* (Born), p.57, pl.4, fig.12.

CM21973. *Ostrea cucullata* (Born), p.57, pl.4, fig.13.

CM21976. *Ostrea crenulifera* Reeve, p.58, pl.5, fig.1.

CM21977. *Ostrea crenulifera* Reeve, p.58, pl.5, fig.2.

CM21978. *Ostrea crenulifera* Reeve, p.58, pl.5, fig.3.

CM21979. *Ostrea crenulifera* Reeve, p.58, pl.5, fig.4.

CM21981 [= CM22007]. *Perna marsupium* Lamarck, p.58, pl.5, fig.8.

CM21985. *Arca (Barbatia) stearnsii* Pilsbry, p.59, pl.3, fig.5.

CM21986. *Arca (Barbatia) stearnsii* Pilsbry, p.59, pl.3, fig.6.

CM21989. *Arca (Barbatia) tenebrica* Reeve, p.60, pl.5, fig.7.

CM21991. *Arca (Barbatia) domingensis* Lamarck, p.60, pl.5, fig.6.

Yokoyama, M. (1924a): continued

CM21993. *Arca (Barbatia) fusca* Bruguière, p.61, pl.5, fig.13.

CM21996. *Arca kraussi* Philippi, p.61, pl.5, fig.5.

The following specimens, though not illustrated, were also treated in this paper.

Clathurella centrosa Pilsbry: CM21808

Eburna japonica Reeve: CM21810

Nassa (Niotha) livescens (Philippi): CM21811, CM22000

Columbella (Atilia) masakadoi Yokoyama: CM21812

Columbella (Mitrella) dunkeri (Tryon): CM21813

Ocinebra contracta (Reeve): CM21817, CM22001 (missing)

Purpura (Thalessa) bitubercularis Lamarck: CM21819, CM22002

Purpura (Cuma) rugosa (Born): CM21821

Triton (Simpulum) costatus (Born): CM21824

Triton (Epidromus) obscurus Reeve: CM21826

Cypraea candida Pease: CM21829

Cerithium kobelti Dunker: CM21830

Cerithium (Clava) kochi Philippi: CM21831

Bittium perpusillum Tryon: CM21833

Bittium numamuranum Yokoyama: CM21835, CM22003 (missing), Syntypes

Potamides (Batillaria) multiformis Lischke: CM21837

Cerithiopsis hilaris Yokoyama: CM21839, Syntype

Cerithiopsis satomii Yokoyama: CM21942, CM22013, Syntypes

Triforis otsuensis Yokoyama: CM21843

Triforis exilis Dunker: CM21845

Thylacodes medusae Pilsbry: CM21846, CM22014

Thylacodes nodoso-rugosus (Lischke): CM21847, CM21848

Vermetus reticulatus Yokoyama: CW21853, CW21854, CW22015 (missing), Syntypes

Litiopa (Diala) semistriata Philippi: CM21857

Rissoina submerculialis Yokoyama: CM21859, CM22016 (missing)

Rissoina (Phosinella) cancellata Philippi: CM21861

Fenella pupoides A. Adams: CM21863

Fenella yamakawai Yokoyama: CM21865, Syntype

Fenella shinonis Yokoyama: CM21867, Syntype

Yokoyama, M. (1924a): continued

Fenella kenonis Yokoyama: CM21870, Syntype
Crepidula aculeata (Gmelin): CM21872, CM22017
Odostomia (Miralda) gemma (A. Adams): CM21875
Odostomia (Egilina) marielloides Yokoyama: CM21876
Turbo (Marmorostoma) granulatus Gmelin: CM21880, CM22018
Trochus (Clanculus) atropurpureus (Gould): CM21884
Chlorostoma quantoanum Yokoyama: CM21887
Cantharidus japonicus (A. Adams): CM21888 (missing)
Umbonium costatum (Valenciennes): CM21889
Stomatella lyrata Pilsbry: CM21890
Scissurella turbinata (A. Adams): CM21892
Fissuridea rueppellii (Sowerby): CM21894, CM22020
Subemarginula cratitioides Yokoyama: CM21896, Syntype
Dentalium octogonum Lamarck: CM21897
Pholas subconstricta Yokoyama: CM21900, Syntype
Jouannetia cumingii (Sowerby): CM21902
Jouannetia yabei Yokoyama: CM21904, Syntype
Basterotia gouldii (A. Adams): CM21907
Semele aspasia Angas: CM21909
Tellina iridella Martens: CM21911
Tellina radiato-lineata Yokoyama: CM21914, Syntype
Macoma inquinata (Deshayes): CM21915, CM22021
Meretrix tigrina (Lamarck): CM21919, CM22022
Meretrix (Callista) limatula (Sowerby): CM21921
Venus jedoensis Lischke: CM21923, CM22023
Venerupis irus (Linné): CM21926, CM22024 (missing)
Tapes philippinarum (A. Adams et Reeve): CM21928
Saxidomus purpuratus (Sowerby): CM21929
Scintilla solidula Deshayes: CM21931, CM22025
Galeomma adamsi Yokoyama: CM21936, Syntype
Diplodonta semiaspera Philippi: CM21938
Diplodonta japonica Pilsbry: CM21939, CM22026
Lucina contraria Dunker: CM21940 (missing), CM22027
Lucina pisidium Dunker: CM21941

Yokoyama, M. (1924a): continued

Codakia bella Conrad var. *delicatula* Pilsbry: CM21943, CM22028 (missing)
Chama semipurpurata Lischke: CM21944, CM22029
Chama retroversa Lischke: CM21946
Cardita crassicosta Lamarck: CM21948, CM22030
Coralliophaga coralliophaga (Chemnitz): CM21950
Mytilus hirsutus Lamarck: CM21951, CM22031
Modiola barbata (Linné): CM21953
Lithophaga nasuta (Philippi): CM21955
Lima dunkeri Smith: CM21958
Lima lima (Linné): CM21960, CM22032
Spondylus cruentus Lischke: CM21962
Plicatula irregularis Dunker: CM21965, CM22033
Pecten irregularis Sowerby: CM21966 (missing)
Pecten laetus Gould: CM21969 (missing)
Ostrea gigas Thunberg: CM21971
Ostrea cucullata (Born): CM21974, CM21975
Ostrea crenulifera Reeve: CM21980, CM22034
Perna marsupium Lamarck: CM21982
Arca kobeltiana Pilsbry: CM21983
Arca (Barbatia) decussata Sowerby: CM21984
Arca (Barbatia) stearnsii Pilsbry: CM21987, CM22035
Arca (Barbatia) symmetrica Reeve: CM21988
Arca (Barbatia) tenebrica Reeve: CM21990
Arca (Barbatia) domingensis Lamarck: CM21992, CM22036
Arca (Barbatia) fusca Bruguière: CM21994, CM21995, CM22037
Arca kraussi Philippi: CM21997
Parallelodon obliquatus Yokoyama: CM21998 (missing)
Limopsis woodwardi A. Adams: CM21999

Yokoyama, M. (1924b): Molluscan remains from the lowest part of the Jōban Coal-field. *Jour. Coll. Sci. Imp. Univ. Tokyo,* vol.44, art.3, pp.1-22, pls.1-5.

All the specimens related to this work are now missing.

Yokoyama, M. (1924b): continued

CM22049. *Nassa* sp., p.9, pl.1, fig.4.

CM22050. *Ocinebra tsuzurensis* Yokoyama, p.10, pl.1, fig.1, Syntype.

CM22051. *Ocinebra tsuzurensis* Yokoyama, p.10, pl.1, fig.2a,b, Syntype.

CM22052. *Ocinebra tsuzurensis* Yokoyama, p.10, pl.1, fig.3a,b, Syntype.

CM22053. *Turritella tokunagai* Yokoyama, p.10, pl.1, fig.8, Syntype.

CM22054. *Turritella tokunagai* Yokoyama, p.10, pl.1, fig.9, Syntype.

CM22055. *Turritella tokunagai* Yokoyama, p.10, pl.1, fig.10, Syntype.

CM22057. *Turritella importuna* Yokoyama, p.10, pl.1, fig.6, Syntype.

CM22058. *Turritella importuna* Yokoyama, p.10, pl.1, fig.7, Syntype.

CM22061. *Crepidula auricula* Yokoyama, p.11, pl.1, fig.5a-c, Syntype.

CM22063. *Calyptraea mammilaris* (Broderip), p.11, pl.1, fig.17a,b.

CM22064. *Natica janthostoma* Deshayes, p.12, pl.1, fig.20.

CM22066. *Umbonium* sp., p.12, pl.1, fig.18a,b.

CM22067. *Umbonium* sp., p.12, pl.1, fig.19a,b.

CM22068. *Mya crassa* Grewinck, p.12, pl.1, figs.11-13.

CM22069. *Mya crassa* Grewinck, p.12, pl.1, figs.14-16.

CM22072. *Tellina alternata* Say var. *chibana* Yokoyama, p.13, pl.2, fig.20.

CM22073. *Tellina sejugata* Yokoyama, p.14, pl.2, figs.9-11, Holotype.

CM22074. *Tellina besshoensis* Yokoyama, p.14, pl.2, figs.1-3, Syntype.

CM22075. *Tellina besshoensis* Yokoyama, p.14, pl.2, figs.4,5, Syntype.

CM22077. *Meretrix (Callista) chinensis* (Chemnitz), p.14, pl.2, fig.7.

CM22078. *Meretrix (Callista) chinensis* (Chemnitz), p.14, pl.2, fig.8.

CM22079. *Venus furtiva* Yokoyama, p.15, pl.2, fig.6,6a, Syntype.

CM22080. *Venus terrena* Yokoyama, p.15, pl.2, fig.19,19a, Syntype.

CM22081. *Cardium (Laevicardium) jobanicum* Yokoyama, p.15, pl.2, fig.12, Syntype.

CM22082. *Cardium (Laevicardium) jobanicum* Yokoyama, p.15, pl.2, figs.13-15, Syntype.

CM22083. *Cardium (Laevicardium) jobanicum* Yokoyama, p.15, pl.2, figs.16-18, Syntype.

CM22084. *Cardium (Laevicardium) squalidum* Yokoyama, p.16, pl.3, fig.1,1a, Holotype.

CM22085. *Cardium (Laevicardium) tristiculum* Yokoyama, p.16, pl.3, fig.5, 5a, Syntype.

CM22086. *Cardium (Laevicardium) tristiculum* Yokoyama, p.16, pl.3, fig.6, 6a, Syntype.

Yokoyama, M. (1924b): continued

CM22087. *Cardium (Laevicardium) tristiculum* Yokoyama, p.16, pl.3, fig.7, 7a, Syntype.

CM22088. *Cardium shinjiense* Yokoyama, p.16, pl.3, figs.13-15.

CM22089. *Papyridea (Fulvia) nipponica* Yokoyama, p.17, pl.3, fig.3, Syntype.

CM22090. *Papyridea (Fulvia) nipponica* Yokoyama, p.17, pl.3, fig.4,4a, Syntype.

CM22091. *Thyasira bisecta* (Conrad), p.18, pl.3, fig.2. (missing)

CM22092. *Venericardia tokunagai* Yokoyama, p.18, pl.3, figs.10-12, Syntype.

CM22093. *Venericardia pacifera* Yokoyama, p.18, pl.4, figs.1,2, Syntype.

CM22094. *Venericardia laxata* Yokoyama, p.19, pl.3, figs.16-18, Syntype.

CM22095. *Venericardia* sp., p.19, pl.3, fig.8,8a.

CM22096. *Venericardia* sp., p.19, pl.3, fig.9,9a.

CM22097. *Mytilus luciferus* Yokoyama, p.19, pl.4, fig.4, Holotype.

CM22098. *Mytilus takiensis* Yokoyama, p.20, pl.4, figs.5,6, Holotype.

CM22099. *Modiola modiolus* Linné, p.20, pl.4, fig.7.

CM22100. *Modiola modiolus* Linné, p.20, pl.4, fig.8.

CM22101. *Lima yumotoensis* Yokoyama, p.20, pl.4, fig.3,3a, Holotype.

CM22102. *Ostrea* cf. *gigas* Thunberg, p.20, pl.5, fig.1.

CM22103. *Ostrea* cf. *gigas* Thunberg, p.20, pl.5, fig.2.

CM22104. *Ostrea mundana* Yokoyama, p.21, pl.4, fig.3a,b, Holotype.

CM22105. *Ostrea takiana* Yokoyama, p.21, pl.5, fig.4a,b, Holotype.

CM22109. *Leda yabei* Yokoyama, p.22, pl.4, fig.9, Syntype.

CM22110. *Leda yabei* Yokoyama, p.22, pl.4, fig.10, Syntype.

CM22111. *Yoldia laudabilis* Yokoyama, p.22, pl.4, figs.11,12, Syntype.

The following specimens, though not illustrated, were also treated in this paper(all are now missing).

Chrysodomus phoeniceus Dall: CM22048, CM27039, CM27040

Turritella tokunagai Yokoyama: CM22056, Syntype

Turritella importuna Yokoyama: CM22059, Syntype

Turritella sp.: CM22060, CM27041

Crepidula auricula Yokoyama: CM22062, Syntype.

Natica janthostoma Deshayes: CM22065, CM27042

Macoma praetexta (Martens): CM22070

Macoma inquinata (Deshayes): CM22071, CM27055, CM27056, CM27057, CM27058

Yokoyama, M. (1924b): continued

Dosinia sp.: CM22076.

Pectunculus vestitus Dunker: CM22106

Nucula insignis A. Adams: CM22107, CM27082, CM27083, CM27084

Nucula sp.: CM22108

Mya crassa Grewinck: CM27043, CM27044, CM27045, CM27046, CM27047, CM27048, CM27049, CM27050, CM27051, CM27052, CM27053, CM27054

Venus terrena Yokoyama: CM27059, Syntype

Cardium shinjiense Yokoyama: CM27060, CM27061, CM27062, CM27063, CM27064, CM27065, CM27066, CM27067, CM27068

Venericardia tokunagai Yokoyama: CM27069, Syntype

Venericardia pacifera Yokoyama: CM27070, CM27071, Syntypes

Venericardia laxata Yokoyama: CM27072, CM27073, CM27074, CM27075, CM27076, CM27077, CM27078, CM27079, CM27080, Syntypes

Modiola modiolus Linné: CM27081

Leda yabei Yokoyama: CM27085, Syntype

Yoldia laudabilis Yokoyama: CM27086, CM27087, Syntypes

Yokoyama, M. (1925a): Molluscan remains from the uppermost part of the Jō-ban Coal-field. *Jour. Coll. Sci. Imp. Univ. Tokyo,* vol.45, art.5, pp.1-34, pls.1-6.

CM22115. *Pleurotoma* sp., p.8, pl.1, fig.9. (missing)

CM22121. *Chrysodomus phoeniceus* Dall, p.10, pl.1, fig.1.

CM22124. *Chrysodomus pericochlion* Schrenck, p.10, pl.1, fig.2.

CM22142. *Galeodea (Sconsia) japonica* Yokoyama, p.11, pl.1, fig.10. (missing)

CM22144. *Cassis japonica* Reeve, p.11, pl.1, fig.5.

CM22147. *Cerithium baculum* Yokoyama, p.12, pl.2, fig.6. (missing)

CM22149. *Cerithium* sp., p.12, pl.2, fig.7. (missing)

CM22151. *Turritella nipponica* Yokoyama, p.13, pl.2, fig.8. (missing)

CM22171. *Bathybembix argenteo-nitens* Lischke, p.14, pl.1, fig.3.

CM22173. *Stomatella japonica* A. Adams, p.15, pl.2, fig.3.

CM22177. *Helcioniscus pallidus* (Gould), p.15, pl.1, fig.4. (missing)

CM22182. *Dentalium complexum* Dall, p.16, pl.2, fig.9. (missing)

CM22190. *Panope generosa* (Gould), p.16, pl.6, fig.6. (missing)

Yokoyama, M. (1925a): continued

CM22194. *Mya arenaria* Linné var. *japonica* Jay, p.16, pl.6, fig.4. (missing)

CM22198. *Mactra spectabilis* Lischke, p.17, pl.1, fig.7. (missing)

CM22201. *Mactra spectabilis* Lischke, p.17, pl.1, fig.8. (missing)

CM22203. *Spisula grayana* (Schrenck), p.17, pl.2, fig.11. (missing)

CM22207. *Solen gouldii* Conrad, p.18, pl.2, fig.5. (missing)

CM22210. *Cultellus izumoensis* Yokoyama, p.18, pl.5, fig.3. (missing)

CM22213. *Cultellus izumoensis* Yokoyama, p.18, pl.5, fig.2. (missing)

CM22224. *Tellina izurensis* Yokoyama, p.19, pl.2, fig.12, Holotype. (missing)

CM22231. *Macoma dissimilis* (Martens), p.20, pl.5, fig.9. (missing)

CM22241. *Meretrix iizukai* Yokoyama, p.20, pl.3, fig.2, Syntype. (missing)

CM22242. *Meretrix iizukai* Yokoyama, p.20, pl.3, fig.3, Syntype.

CM22246. *Clementia speciosa* Yokoyama, p.21, pl.1, fig.6. (missing)

CM22251. *Tapes undulatus* (Born), p.22, pl.5, fig.1.

CM22270. *Lucina (Phacoides) borealis* (Linné), p.24, pl.5, fig.5.

CM22274. *Lucina (Phacoides) borealis* (Linné), p.24, pl.5, fig.6. (missing)

CM22275. *Lucina (Phacoides) borealis* (Linné), p.24, pl.5, fig.7. (missing)

CM22276. *Lucina (Phacoides) borealis* (Linné), p.24, pl.5, fig.8. (missing)

CM22282. *Thyasira bisecta* (Conrad), p.24, pl.6, fig.5. (missing)

CM22294. *Venericardia ferruginea* (Adams), p.24, pl.5, fig.4. (missing)

CM22295. *Thracia pubescens* Pulteney, p.25, pl.1, fig.11. (missing)

CM22297. *Mytilus grayanus* Dunker, p.25, pl.2, fig.10. (missing)

CM22304. *Lima goliath* Sowerby, p.26, pl.3, fig.1. (missing)

CM22306. *Lima goliath* Sowerby, p.26, pl.3, fig.4. (missing)

CM22311. *Pecten swiftii* Bernardi, p.27, pl.2, fig.1.

CM22315. *Pecten kimurai* Yokoyama, p.27, pl.2, fig.4, Syntype. (missing)

CM22316. *Pecten kimurai* Yokoyama, p.27, pl.4, fig.1, Syntype. (missing)

CM22317. *Pecten kimurai* Yokoyama, p.27, pl.4, fig.2, Syntype. (missing)

CM22318. *Pecten kimurai* Yokoyama, p.27, pl.4, fig.3, Syntype. (missing)

CM22319. *Pecten kimurai* Yokoyama, p.27, pl.4, fig.5, Syntype. (missing)

CM22320. *Pecten kimurai* Yokoyama, p.27, pl.4, fig.6, Syntype. (missing)

Yokoyama, M. (1925a): continued

CM22321. *Pecten kimurai* Yokoyama, p.27, pl.4, fig.4, Syntype. (missing)

CM22331. *Pinna japonica* Hanley, p.28, pl.6, fig.7. (missing)

CM22352. *Yoldia lischkei* Smith, p.30, pl.2, fig.2. (missing)

CM22356. *Solemya tokunagai* Yokoyama, p.31, pl.6, fig.2, Syntype. (missing)

CM22358. *Solemya tokunagai* Yokoyama, p.31, pl.6, fig.1, Syntype. (missing)

CM22360. *Solemya tokunagai* Yokoyama, p.31, pl.6, fig.3, Syntype. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Terebra sp.: CM22112 (missing)

Conus sp.: CM22113 (missing)

Pleurotoma mediocarinata Yokoyama: CM22114 (missing)

Drillia principalis Pilsbry: CM22116 (missing)

Bela rugulata Troschel var. *schneideri* Harmer: CM22117 (missing)

Olivella fortunei (A. Adams): CM22118 (missing), CM27088 (missing)

Voluta megaspira Sowerby: CM22119, CM22120, CM27089 (missing)

Chrysodomus phoeniceus Dall: CM22122, CM22123

Chrysodomus pericochlion Schrenck: CM22125, CM22126

Buccinum leucostoma Lischke: CM22127, CM22128, CM22129, CM22130, CM22131, CM22132, CM22133, CM22134

Volutharpa perryi (Jay): CM22135, CM22136, CM22137, CM22138, CM22139

Priene oregonensis (Redfield): CM22140, CM22141

Galeodea (Sconsia) japonica Yokoyama: CM22143

Cassis japonica Reeve: CM22145

Dolium luteostomum Küster: CM22146 (missing)

Cerithium baculum Yokoyama: CM22148 (missing)

Vermetus sp.: CM22150

Turritella nipponica Yokoyama: CM22152, CM22153, CM22154 (missing), CM22155 (missing), CM22156 (missing)

Solarium sp.: CM22157

Calyptraea mammilaris (Broderip): CM22158 (missing), CM22159 (missing) CM22160 (missing)

Crepidula sp.: CM22161 (missing)

Yokoyama, M. (1925a): continued

Natica janthostoma Deshayes: CM22162, CM22163, CM22164 (missing), CM22165 (missing), CM22166 (missing)

Polinices (Neverita) ampla (Philippi): CM22167, CM22168

Sigaretus (Eunaticina) papilla (Gmelin): CM22169 (missing)

Turbo (Batillus) cornutus Gmelin: CM22170 (missing)

Bathybembix argenteo-nitens Lischke: CM22172

Haliotis sp.: CM22174, CM22175

Acmaea sp.: CM22176

Helcioniscus pallidus (Gould): CM22178 (missing), CM22179, CM22180

Dentalium weinkauffi Dunker: CM22181 (missing)

Dentalium complexum Dall: CM22183 (missing), CM22184 (missing), CM22185 (missing)

Panope generosa (Gould): CM22186 (missing), CM22187 (missing), CM22188 (missing), CM22189 (missing), CM22191 (missing), CM22192 (missing), CM22193 (missing)

Mactra sulcataria Deshayes: CM22195, CM22196 (missing), CM22197 (missing)

Mactra veneriformis Deshayes: CM22198 (missing)

Mactra spectabilis Lischke: CM22199 (missing), CM22200 (missing), CM22202 (missing)

Spisula grayana (Schrenck): CM22204 (missing), CM22205 (missing)

Solen grandis Dunker: CM22206 (missing)

Cultellus izumoensis Yokoyama: CM22208 (missing), CM22209 (missing), CM22211 (missing), CM22212 (missing)

Siliqua pulchella (Dunker): CM22214 (missing), CM22215 (missing), CM22216 (missing)

Soletellina violacea Lamarck: CM22217 (missing), CM22218 (missing), CM22219 (missing)

Tellina besshoensis Yokoyama: CM22220 (missing)

Tellina optiva Yokoyama: CM22221 (missing), CM22222 (missing), CM22223 (missing), CM27090 (missing), CM27091 (missing)

Macoma praetexta (Martens): CM22225, CM22226 (missing)

Macoma dissimilis (Martens): CM22227 (missing), CM22228 (missing), CM22229 (missing), CM22230 (missing)

Dosinia troscheli Lischke: CM22232 (missing), CM22233 (missing), CM22234 (missing), CM22235 (missing)

Cyclina chinensis (Chemnitz): CM22236 (missing)

Meretrix iizukai Yokoyama: CM22237 (missing), CM22238 (missing), CM22239 (missing), CM22240 (missing), CM22243 (missing), CM22244, Syntypes

Yokoyama, M. (1925a): continued

Clementia speciosa Yokoyama: CM22245 (missing)

Venus (Mercenaria) stimpsoni Gould: CM22247

Venus jedoensis Lischke: CM22248

Venus toreuma Gould: CM22249 (missing), CM22250 (missing)

Tapes undulatus (Born): CM22252

Cardium californiense Deshayes: CM22253 (missing)

Cardium muticum Reeve: CM22254 (missing)

Cardium modestum Adams et Reeve: CM22255

Cardium shinjiense Yokoyama: CM22256 (missing), CM22257 (missing), CM22258 (missing), CM22259 (missing), CM22260 (missing), CM22261 (missing)

Diplodonta semiaspera Philippi: CM22262 (missing), CM22263

Lucina (Phacoides) borealis (Linné): CM22264 (missing), CM22265 (missing) CM22266 (missing), CM22267 (missing), CM22269 (missing), CM22271, CM22272 (missing), CM22273 (missing), CM22277, CM22278

Thyasira bisecta (Conrad): CM22279, CM22280 (missing), CM22281 (missing) CM22283 (missing), CM22284 (missing)

Cardita cumingiana Dunker: CM22285, CM22286

Venericardia ferruginea (Adams): CM22287 (missing), CM22288 (missing), CM22289 (missing), CM22290 (missing), CM22291 (missing), CM22292 (missing), CM22293

Thracia pubescens Pulteney: CM22296 (missing)

Mytilus grayanus Dunker: CM22298 (missing)

Mytilus sp.: CM22299 (missing)

Modiola sp.: CM22300

Lima lima (Linné): CM22301

Lima angulata Sowerby: CM22302

Lima vulgatula Yokoyama: CM22303

Lima goliath Sowerby: CM22305 (missing), CM22307

Pecten laetus Gould: CM22308, CM22309

Pecten vesiculosus Dunker: CM22310

Pecten yessoensis Jay: CM22312 (missing), CM22313 (missing), CM22314 (missing)

Pecten kimurai Yokoyama: CM22322 (missing), CM22323 (missing), CM22324 (missing), CM22325 (missing), CM22326 (missing), CM22327 (missing), CM22328 (missing), CM22329 (missing), Syntypes

Ostrea gigas Thunberg: CM22330 (missing)

Yokoyama, M. (1925a): continued

Arca kobeltina Pilsbry: CM22332, CM22333 (missing)

Arca (Scapharca) subcrenata Lischke: CM22334 (missing), CM22335 (missing) CM22336 (missing), CM22337 (missing), CM22338

Arca setoensis Yokoyama: CM22339 (missing), CM22340 (missing), CM22341 (missing)

Pectunculus vestitus Dunker: CM22342 (missing)

Parallelodon obliquatus Yokoyama: CM22343 (missing), CM22344 (missing)

Limopsis azumana Yokoyama: CM22345

Leda confusa Hanley: CM22346 (missing), CM22347 (missing), CM22348 (missing), CM22349 (missing)

Leda sp.: CM22350, CM22351 (missing)

Yoldia lischkei Smith: CM22353 (missing)

Nucula insignis Gould: CM22354 (missing)

Nucula mirabilis Adams et Reeve: CM22355

Solemya tokunagai Yokoyama: CM22357 (missing), CM22359 (missing), CM22361 (missing), Syntypes

Terebratulina caput-serpentis (Linné): CB22362, CB22363 (missing)

Pereudesia grayi Davidson var. *transversa* Davidson: CB22364 (missing)

Yokoyama, M. (1925b): Molluscan remains from the Middle part of the Jō-ban Coal-field. *Jour. Coll. Sci. Imp. Univ. Tokyo,* vol.45, art.7, pp.1-23, pls.1-3.

All the specimens related to this work are now missing.

CM22369. *Turritella* sp., p.6, pl.1, fig.1.

CM22373. *Macoma dissimilis* Martens (?), p.6, pl.1, fig.19.

CM22381. *Lucina (Phacoides) borealis* Linné, p.7, pl.1, fig.2.

CM22386. *Lucina (Phacoides)* sp., p.7, pl.1, fig.3.

CM22388. *Lucina (Phacoides)* sp., p.7, pl.1, fig.18.

CM22389. *Lucina (Phacoides)* sp., p.7, pl.1, fig.5.

CM22392. *Lucina (Phacoides)* sp., p.7, pl.1, fig.4.

CM22393. *Venericardia laxata* Yokoyama, p.7, pl.1, fig.11.

CM22395. *Venericardia laxata* Yokoyama, p.7, pl.1, fig.12(?).

CM22399. *Venericardia pacifera* Yokoyama (?), p.8, pl.1, fig.13.

CM22401. *Venericardia ferruginea* Adams, p.8, pl.1, fig.6.

Yokoyama, M. (1925b): continued

CM22402. *Venericardia ferruginea* Adams, p.8, pl.1, fig.7.
CM22404. *Venericardia orbica* Yokoyama, p.8, pl.1, fig.10, Holotype.
CM22405. *Pecten tairanus* Yokoyama, p.8, pl.1, fig.8, Syntype.
CM22406. *Pecten tairanus* Yokoyama, p.8, pl.1, fig.9, Syntype.
CM22408. *Pectunculus* sp., p.9, pl.1, fig.17.
CM22410. *Leda pennula* Yokoyama, p.9, pl.2, fig.9, Syntype.
CM22413. *Leda pennula* Yokoyama, p.9, pl.2, fig.8, Syntype.
CM22415. *Leda pennula* Yokoyama, p.9, pl.2, fig.7, Syntype.
CM22417. *Leda inermis* Yokoyama, p.9, pl.2, fig.4, Syntype.
CM22419. *Leda inermis* Yokoyama, p.9, pl.2, fig.6, Syntype.
CM22421. *Leda inermis* Yokoyama, p.9, pl.2, fig.3, Syntype.
CM22422. *Leda inermis* Yokoyama, p.9, pl.2, fig.5, Syntype.
CM22424. *Leda inermis* Yokoyama, p.9, pl.2, fig.1, Syntype.
CM22425. *Leda inermis* Yokoyama, p.9, pl.2, fig.2, Syntype.
CM22428. *Yoldia sagittaria* Yokoyama, p.10, pl.2, fig.11, Syntype.
CM22430. *Yoldia sagittaria* Yokoyama, p.10, pl.2, fig.10, Syntype.
CM22434. *Yoldia tokunagai* Yokoyama, p.10, pl.2, fig.17, Syntype.
CM22436. *Yoldia tokunagai* Yokoyama, p.10, pl.2, fig.15, Syntype.
CM22437. *Yoldia tokunagai* Yokoyama, p.10, pl.2, fig.18, Syntype.
CM22439. *Yoldia tokunagai* Yokoyama, p.10, pl.2, fig.13, Syntype.
CM22441. *Yoldia tokunagai* Yokoyama, p.10, pl.2, fig.16, Syntype.
CM22442. *Yoldia tokunagai* Yokoyama, p.10, pl.2, fig.14, Syntype.
CM22443. *Yoldia tokunagai* Yokoyama, p.10, pl.2, fig.12, Syntype.
CM22449. *Nucula eximia* Yokoyama, p.11, pl.1, fig.15, Syntype.
CM22452. *Nucula eximia* Yokoyama, p.11, pl.1, fig.16, Syntype.
CM22454. *Nucula eximia* Yokoyama, p.11, pl.1, fig.14, Synthpe.
CM22456. *Solemya tokunagai* Yokoyama, p.11, pl.1, figs.20,21.
CM22465. *Turritella nipponica* Yokoyama, p.13, pl.3, fig.4.
CM22466. *Turritella nipponica* Yokoyama, p.13, pl.3, fig.5.
CM22476. *Crepidula aculeata* (Gmelin), p.13, pl.3, fig.8.
CM22477. *Crepidula aculeata* (Gmelin), p.13, pl.3, fig.9.
CM22480. *Crepidula convexa* Yokoyama, p.14, pl.3, fig.3, Holotype.
CM22487. *Fissuridea humilis* Yokoyama, p.15, pl.3, fig.7a,b, Holotype.

Yokoyama, M. (1925b): continued

CM22502. *Dosinia angulosa* Philippi, p.17, pl.2, fig.19.

CM22504. *Dosinia angulosa* Philippi, p.17, pl.2, fig.20.

CM22510. *Tapes variegatus* Hanley, p.18, pl.3, fig.13.

CM22517. *Cardium shinjiense* Yokoyama, p.18, pl.3, figs.10,11.

CM22521. *Lucina (Phacoides) borealis* Linné, p.18, pl.3, figs.1,2.

CM22532. *Pecten iwakianus* Yokoyama, p.19, pl.3, fig.12, Holotype.

CM22538. *Nucula mirabilis* Adams et Reeve, p.21, pl.3, fig.6.

The following specimens, though not illustrated, were also treated in this paper.

Turritella nipponica Yokoyama: CM22367, CM22368, CM22467, CM22468, CM22469, CM22470, CM22471, CM22472, CM22473

Turritella sp.: CM22370

Natica sp.: CM22371, CM22372

Macoma dissimilis Martens (?): CM22374, CM22375

Tellina besshoensis Yokoyama: CM22376, CM22377, CM22378

Tellina sp.: CM22379

Lucina (Phacoides) borealis Linné: CM22380, CM22382, CM22383, CM22520, CM22522, CM22523, CM22524, CM22525, CM22526, CM22527

Lucina (Phacoides) sp.: CM22384, CM22385, CM22387, CM22390, CM22391

Venericardia laxata Yokoyama: CM22394, CM22396, CM22397, CM22398

Venericardia ferruginea Adams: CM22400, CM22403, CM22528

Pectunculus sp.: CM22407, CM22409

Leda pennula Yokoyama: CM22411, CM22412, CM22414, CM22416, Syntypes

Leda inermis Yokoyama: CM22418, CM22420, CM22423, CM22426, CM22427, Syntypes

Yoldia sagittaria Yokoyama: CM22429, CM22431, CM22537, Syntypes

Yoldia tokunagai Yokoyama: CM22433, CM22435, CM22438, CM22440, CM22442, CM22444, CM22445, CM22446, CM22447, Syntypes

Nucula insignis Adams: CM22448, CM27092

Nucula eximia Yokoyama: CM22450, CM22451, CM22453, CM22455, Syntypes

Ringicula sp.: CM22457

Pleurotoma sp.: CM22458

Fusus perplexus A. Adams: CM22459

Chrysodomus despectus (Linné): CM22460

Nassa (Hima) japonica A. Adams: CM22461

Yokoyama, M. (1925b): continued

Triton (Priene) oregonensis Redfield: CM22462, CM22463

Cassis japonica Reeve: CM22464

Calyptraea mammilaris (Broderip): CM22474, CM22475

Crepidula aculeata (Gmelin): CM22478, CM22479

Natica janthostoma Deshayes: CM22481, CM22482, CM22483

Polinices (Neverita) ampla (Philippi): CM22484, CM22485

Bembix sp.: CM22486

Chlorostoma sp.: CM22488

Helcioniscus pallidus (Gould): CM22489

Dentalium sp.: CM22490

Panope generosa Gould: CM22491, CM22492

Mactra sulcataria Deshayes: CM22493

Spisula grayana (Schrenck): CM22494

Raeta elliptica Yokoyama: CM22495

Tresus sp.: CM22496

Tellina sp.: CM22497

Macoma inquinata (Deshayes): CM22498

Dosinia troscheli Lischke: CM22499, CM27093, CM27094, CM27095

Dosinia angulosa Philippi: CM22500, CM22501, CM22503, CM22505

Venus (Mercenaria) stimpsoni Gould: CM22506, CM22507

Tapes variegatus Hanley: CM22508, CM22509, CM22511

Cardium shinjiense Yokoyama: CM22512, CM22513, CM22514, CM22515, CM22516

Diplodonta usta Gould: CM22518, CM22519

Cardita cumingiana Dunker: CM22529

Lima goliath Sowerby: CM22530

Pecten laetus Gould: CM22531

Arca sp.: CM22533

Pectunculus vestitus Dunker: CM22534, CM22535

Parallelodon obliquatus Yokoyama: CM22536

Nucula mirabilis Adams et Reeve: CM22539

Yokoyama, M. (1925c): Tertiary mollusca from Shinano and Echigo. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.1, pt.1, pp.1-23, pls.1-7.

CM22543. *Chrysodomus despectus* (Linné), p.5, pl.1, fig.3.

Yokoyama, M. (1925c): continued

CM22545. *Buccinum leucostoma* Lischke, p.5, pl.2, fig.6.

CM22547. *Trophon solitarius* Yokoyama, p.6, pl.1, fig.1, Syntype.

CM22548. *Trophon solitarius* Yokoyama, p.6, pl.1, fig.2, Syntype.

CM22551. *Vermetus shinanoensis* Yokoyama, p.6, pl.1, fig.10, Syntype.

CM22556. *Crepidula navia* Yokoyama, p.7, pl.1, fig.4, Syntype. (missing)

CM22557. *Crepidula navia* Yokoyama, p.7, pl.1, fig.5, Syntype.

CM22564. *Sigaretus festivus* Yokoyama, p.8, pl.1, fig.6, Holotype.

CM22565. *Leptothyra sakaensis* Yokoyama, p.8, pl.1, fig.8, Holotype.

CM22566. *Haliotis gigantea* Chemnitz var. *kamtschatkana* Jonas, p.8, pl.1, fig.11.

CM22567. *Haliotis gigantea* Chemnitz var. *kamtschatkana* Jonas, p.8, pl.1, fig.12.

CM22570. *Acmaea schrencki* Lischke, p.9, pl.2, fig.5,5a.

CM22579. *Mya arenaria* Linné, var. *Japonica* Jay, p.10, pl.3, fig.3. (missing)

CM22582. *Mactra semmiana* Yokoyama, p.11, pl.4, fig.5, Holotype.

CM22583. *Spisula grayana* Schrenck, p.11, pl.4, fig.3.

CM22588. *Psammobia commoda* Yokoyama, p.12, pl.3, fig.2, Holotype.

CM22599. *Cardium angustum* Yokoyama, p.13, pl.4, fig.2a,b, Syntype.

CM22608. *Thracia pubescens* Pulteney, p.15, pl.3, fig.4.

CM22609. *Mytilus grayanus* Dunker, p.15, pl.2, fig.1.

CM22612. *Modiola modiolus* Linné, p.15, pl.2, fig.2.

CM22616. *Anomia densicostulata* Yokoyama, p.16, pl.2, fig.3, Holotype.

CM22617 *Placunanomia ingens* Yokoyama, p.16, pl.4, fig.1a-b, Holotype.

CM22619. *Pecten yessoensis* Jay, p.17, pl.4, fig.4.

CM22621. *Pecten yamasakii* Yokoyama, p.17, pl.5, fig.1, Syntype.

CM22622. *Pecten yamasakii* Yokoyama, p.17, pl.5, fig.2, Syntype. (missing)

CM22623. *Pecten yamasakii* Yokoyama, p.17, pl.5, fig.4, Syntype. (missing)

CM22624. *Pecten yamasakii* Yokoyama, p.17, pl.5, fig.5, Syntype. (missing)

CM22628. *Pecten tryblium* Yokoyama, p.17, pl.6, fig.1, Syntype.

CM22629. *Pecten tryblium* Yokoyama, p.17, pl.6, fig.2, Syntype.

CM22630. *Pecten tryblium* Yokoyama, p.17, pl.7, fig.1, Syntype.

Yokoyama, M. (1925c): continued

CM22631. *Pecten tryblium* Yokoyama, p.17, pl.7, fig.5, Syntype.

CM22634. *Pecten insolitus* Yokoyama, p.18, pl.5, fig.3, Holotype.

CM22635. *Pecten turpiculus* Yokoyama, p.18, pl.2, fig.4, Holotype.

CM22637. *Arca amicula* Yokoyama, p.19, pl.7, fig.2, Syntype.

CM22638. *Arca amicula* Yokoyama, p.19, pl.7, fig.3, Syntype.

CM22639. *Arca amicula* Yokoyama, p.19, pl.7, fig.4, Syntype.

CM22645. *Cucullaea longissima* Yokoyama, p.20, pl.3, fig.1, Holotype. (missing)

CM22649. *Pectunculus yemasakii* [error of *yamasakii*] Yokoyama, p.20, pl.5, fig.6a-c, Syntype.

CM22652. *Pectunculus minochiensis* Yokoyama, p.21, pl.2, fig.7,7a, Holotype.

CB22653. *Terebratella excelsa* Yokoyama, p.21, pl.1, fig.9.

CB22655. *Hemithyris psittacea* (Chemnitz) var. *woodwardi* A. Adams, p.22, pl.1, fig.7. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Chrysodomus despectus (Linné): CM22544

Buccinum leucostoma Lischke: CM22546 (missing)

Priene oregonensis (Redfield): CM22549, CM22550 (missing)

Vermetus shinanoensis Yokoyama: CM22552, Syntype.

Turritella saishuensis Yokoyama: CM22553, CM22554, CM22555

Natica janthostoma Deshayes: CM22558, CM22559, CM22560

Polinices (Neverita) ampla (Philippi): CM22561, CM22562, CM22563

Haliotis gigantea Chemnitz var. *kamtschatkana* Jonas: CM22568

Emarginula vadoso-sinuata Yokoyama: CM22569

Helcioniscus pallidus (Gould): CM22571, CM22572

Dentalium weinkauffi Dunker: CM22573

Panope generosa (Gould): CM22574, CM22575, CM22576, CM22577

Corbula venusta Gould: CM22578

Mya arenaria Linné var. *Japonica* Jay: CM22580

Mactra sulcataria Deshayes: CM22581

Tresus nuttali (Conrad): CM22584

Solen grandis Dunker: CM22585

Solen krusensternii Schrenck: CM22586, CM22587

Yokoyama, M. (1925c): continued

Tellina sejugata Yokoyama: CM22589

Dosinia angulosa Philippi: CM22590, CM22591

Venus (Mercenaria) stimpsoni Gould: CM22592 (missing), CM22593

Saxidomus purpuratus Sowerby: CM22594, CM22595, CM22596, CM22597

Cardium shinjiense Yokoyama: CM22598

Cardium angustum Yokoyama: CM22600 (missing), Syntype

Papyridea (Fulvia) nipponica Yokoyama: CM22601

Thyasira bisecta (Conrad): CM22602

Diplodonta usta Gould: CM22603

Lucina (Phacoides) borealis Linné: CM22604, CM22605, CM22606

Coralliophaga coralliophaga (Chemnitz): CM22607

Mytilus grayanus Dunker: CM22610, CM22611

Modiola modiolus Linné: CM22613, CM22614

Anomia lischkei Dautzenberg et Fischer: CM22615

Pecten laetus Gould: CM22618

Pecten yessoensis Jay: CM22620

Pecten yamasakii Yokoyama: CM22625, CM22626 (missing), CM22627 (missing) Syntypes

Pecten tryblium Yokoyama: CM22632, CM22633 (missing), Syntypes

Ostrea gigas Thunberg: CM22636

Arca amicula Yokoyama: CM22640, CM22641, CM22643, CM22644, Syntypes

Pectunculus yessoensis Sowerby: CM22646, CM22647, CM22648

Pectunculus yemasakii [error of *yamasakii*] Yokoyama: CM22650, CM22651, Syntypes

Terebratalia gouldii (Dall): CB22654

Yokoyama, M. (1925d): Mollusca from the Tertiary basin of Chichibu.

Jour. Fac. Sci. Imp. Univ. Tokyo, sec.2, vol.1, pt.3, pp.111-126, pls.14,15.

CM22664. *Terebra eminula* Yokoyama, p.115, pl.14, fig.1, Holotype.

CM22666. *Voluta megaspira* Sowerby var. *striata* Yokoyama, p.115, pl.14, fig.2, Syntype.

CM22667. *Voluta megaspira* Sowerby var. *striata* Yokoyama, p.115, pl.14, fig.3, Syntype. (missing)

Yokoyama, M. (1925d): continued

CM22681. *Leptothyra* sp., p.117, pl.14, fig.8.

CM22683. *Trochus* sp., p.117, pl.14, fig.4.

CM22695. *Tellina optiva* Yokoyama, p.118, pl.15, fig.4.

CM22696. *Tellina optiva* Yokoyama, p.118, pl.15, fig.5.

CM22703. *Clementia speciosa* Yokoyama, p.119, pl.14, fig.7.

CM22706. *Venus ?* sp., p.120, pl.15, fig.12.

CM22707. *Tapes* sp., p.120, pl.14, fig.10.

CM22712. *Cardium burchardi* Dunker, p.120, pl.14, fig.9.

CM22720. *Cardium pauperculum* Yokoyama, p.121, pl.14, fig.12.

CM22721. *Cardium pauperculum* Yokoyama, p.121, pl.14, fig.13. (missing)

CM22728. *Diplodonta tokunagai* Yokoyama, p.121, pl.15, fig.15, Syntype.

CM22729. *Diplodonta tokunagai* Yokoyama, p.121, pl.15, fig.16, Syntype. (missing)

CM22730. *Thyasira bisecta* (Conrad), p.122, pl.15, fig.1. (missing)

CM22731. *Thyasira bisecta* (Conrad), p.122, pl.15, fig.2.

CM22736. *Venericardia* sp., p.122, pl.14, fig.6 (missing)

CM22739. *Crassatella pauxilla* Yokoyama, p.122, pl.15, fig.8, Syntype.

CM22740. *Crassatella pauxilla* Yokoyama, p.122, pl.15, fig.9, Syntype.

CM22741. *Crassatella pauxilla* Yokoyama, p.122, pl.15, fig.10, Syntype. (missing)

CM22742. *Crassatella pauxilla* Yokoyama, p.122, pl.15, fig.11, Syntype.

CM22747. *Lima goliath* (Sowerby), p.123, pl.14, fig.11. (missing)

CM22749. *Lima* sp., p.123, pl.15, fig.14.

CM22750. *Pecten swiftii* Bernardi, p.123, pl.15, fig.3.

CM22758. *Arca amicula* Yokoyama, p.124, pl.14, fig.5.

CM22762. *Yoldia gratiosa* Yokoyama, p.125, pl.15, fig.13. (missing)

CB22766. *Terebratulina japonica* (Sowerby), p.125, pl.15, fig.6.

CB22767. *Terebratulina japonica* (Sowerby), p.125, pl.15, fig.7.

The following specimens, though not illustrated, were also treated in this paper.

Olivella fortunei Adams: CM22665

Nassa (Hima) japonica Adams: CM22668

Priene oregonensis Redfield: CM22669, CM22670, CM22671

Turritella nipponica Yokoyama: CM22672, CM22674, CM22675

Yokoyama, M. (1925d): continued

Natica janthostoma Deshayes: CM22676 (missing), CM22677

Turbo (Batillus) cornutus Gmelin: CM22678, CM22679 (missing)

Leptothyra sp.: CM22682

Trochus sp.: CM22684

Fissuridea sp.: CM22685

Dentalium complexum Dall: CM22686, CM22687, CM22688, CM22689

Dentalium weinkauffii Dunker: CM22690, CM22691

Panope generosa Gould: CM22692, CM22693

Macoma praetexta (Martens): CM22694

Tellina optiva Yokoyama: CM22697

Dosinia troscheli Lischke: CM22698, CM22699

Dosinia angulosa Philippi: CM22700, CM22701

Meretrix (Callista) chinensis (Chemnitz): CM22702

Clementia speciosa Yokoyama: CM22704

Venus (Mercenaria) stimpsoni Gould (?): CM22705

Tapes sp.: CM22708, CM22709, CM22710

Saxidomus purpuratus Sowerby: CM22711

Cardium burchardi Dunker: CM22713, CM22714, CM22715

Cardium californiense Deshayes: CM22716, CM22717, CM22718

Cardium muticum Reeve: CM22719

Cardium pauperculum Yokoyama: CM22722

Lucina (Phacoides) borealis Linné: CM22723, CM22724, CM22725, CM22726, CM22727

Thyasira bisecta (Conrad): CM22732, CM22733, CM22734, CM22735

Venericardia ferruginea Adams: CM22737 (missing), CM22738 (missing)

Crassatella pauxilla Yokoyama: CM22743, CM22744, CM22745 (missing), CM22746 (missing), Syntypes

Lima goliath (Sowerby): CM22748

Pecten swiftii Bernardi: CM22751 (missing)

Pecten kimurai Yokoyama: CM22752

Pecten sp.: CM22753, CM22754 (missing)

Ostrea gigas Thunberg: CM22755, CM22756, CM22757

Arca amicula Yokoyama: CM22759

Leda confusa Hanley: CM22760 (missing), CM22761

Yokoyama, M. (1925d): continued

Nucula mirabilis Adams et Reeve: CM22763, CM22764, CM22765 (missing)

Terebratulina japonica (Sowerby): CB22768, CB22769, CB22770, CM22771

Yokoyama, M. (1925e): On a new species of Cucullaea from Omi. *Jour. Geol. Soc. Tokyo,* vol.32, pp.7-8, pl.7.

CM24679. *Cucullaea ponderosa* Yokoyama, p.7, pl.7, figs.1,2, Holotype.

Yokoyama, M. (1926a): On some Pliocene shells from Kaga and Noto. *Jour. Geol. Soc. Tokyo,* vol.33, pp.9-11, pl.2.

CM24680. *Pecten permirus* Yokoyama, p.10, pl.2, fig.1, Syntype.

CM24683. *Pecten permirus* Yokoyama var. *paucicostata* Yokoyama, p.10, pl.2, fig.2, Syntype.

The following specimens, though not illustrated, were also treated in this paper.

Pecten permirus Yokoyama: CM24681, CM24682, Syntypes

Pecten permirus Yokoyama var. *paucicostata* Yokoyama: CM24684, Syntype

Terebratulina septentrionalis Couth: CB24685, CB24686, CB24687

Terebratulina japonica (Sowerby): CB24688

Terebratella crossii Davidson: CB24689

Laqueus rubellus Sowerby: CB24690

Magellania lenticularis Deshayes: CB24691 (missing)

Pinna sp.: CM24692 (missing)

Pecten sp.: CM24693 (missing)

Yokoyama, M. (1926b): Tertiary mollusca from Shiobara in Shimotsuke. *Jour. Fac Sci. Imp. Univ. Tokyo,* sec.2, vol.1, pt.4, pp.127-138, pls.16-20.

CM22774. *Mitra pristina* Yokoyama, p.130, pl.16, fig.1c.

CM22775. *Mitra pristina* Yokoyama, p.130, pl.16, fig.2.

CM22776. *Mitra pristina* Yokoyama, p.130, pl.16, fig.3.

CM22783. *Dentalium complexum* Dall, p.131, pl.17, fig.6. (missing)

CM22791. *Macoma dissimilis* (Martens), p.133, pl.16, fig.4.

CM22794. *Dosinia troscheli* Lischke, p.133, pl.16, fig.1b.

Yokoyama, M. (1926b): continued

CM22796. *Dosinia kaneharai* Yokoyama, p.133, pl.17, fig.1, Syntype.

CM22797. *Dosinia kaneharai* Yokoyama, p.133, pl.17, fig.2, Syntype.

CM22798. *Dosinia kaneharai* Yokoyama, p.133, pl.17, fig.3, Syntype.

CM22799. *Dosinia kaneharai* Yokoyama, p.133, pl.17, fig.4, Syntype.

CM22800. *Dosinia kaneharai* Yokoyama, p.133, pl.17, fig.5, Syntype.

CM22801. *Dosinia kaneharai* Yokoyama, p.133, pl.18, fig.2, Syntype. (missing)

CM22803. *Cardium burchardi* Dunker, p.134, pl.19, fig.3.

CM22804. *Cardium burchardi* Dunker, p.134, pl.19, fig.4.

CM22806. *Cardium shiobarense* Yokoyama, p.134, pl.20, fig.2, Syntype.

CM22807. *Cardium shiobarense* Yokoyama, p.134, pl.20, fig.3, Syntype.

CM22808. *Cardium shiobarense* Yokoyama, p.134, pl.20, fig.4, Syntype.

CM22809. *Cardium shiobarense* Yokoyama, p.134, pl.20, fig.5, Syntype.

CM22815. *Mytilus giganteus* Holmberg, p.135, pl.20, fig.1.

CM22819. *Pecten kaneharai* Yokoyama, p.135, pl.18, fig.1, Syntype.

CM22820. *Pecten kaneharai* Yokoyama, p.135, pl.19, fig.1, Syntype.

CM22821. *Pecten kaneharai* Yokoyama, p.135, pl.19, fig.2, Syntype.

CM22822. *Pecten kaneharai* Yokoyama, p.135, pl.19, fig.5, Syntype.

CM22823. *Pecten kaneharai* Yokoyama, p.135, pl.19, fig.6, Syntype. (missing)

CM22824. *Pecten kaneharai* Yokoyama, p.135, pl.19, fig.7, Syntype.

CM22833. *Pectunculus* sp., p.136, pl.16, fig.5.

CM22836. *Yoldia ensicula* Yokoyama, p.137, pl.16, fig.6, Holotype. (missing)

CM22837. *Nucula mirabilis* Adams et Reeve, p.137, pl.16, fig.1a.

The following specimens, though not illustrated, were also treated in this paper.

Volutharpa perryi Jay: CM22777

Priene oregonensis Redfield: CM22778

Turritella saishuensis Yokoyama: CM22779

Polinices (Neverita) ampla (Philippi): CM22780, CM22781

Sigaretus festivus Yokoyama: CM22782

Dentalium sp.: CM22784

Panope generosa (Gould): CM22785, CM22786

Yokoyama, M. (1926b): continued

Mya arenaria Linné var. *japonica* Jay: CM22787, CM22788

Spisula grayana (Schrenck): CM22789

Cultellus izumoensis Yokoyama: CM22790

Macoma dissimilis (Martens): CM22792, CM24742, CM24743

Macoma praetexta (Martens): CM22793

Dosinia troscheli Lischke: CM22795 (missing)

Dosinia kaneharai Yokoyama: CM22802, CM24694, CM24695, CM24696, CM24697, CM24698, CM24699, CM24700, CM24701, CM24702, CM24703, CM24704, CM24705, CM24706, CM24707, CM24708, CM24709, CM24710, CM24711, CM24712, CM24713, CM24714, CM24715, CM24716, CM24717, CM24718, CM24719, CM24720, CM24721, CM24722, CM24723, CM24724, CM24725, CM24726, CM24727, CM24728, CM24729, CM24730, CM24731, CM24732, CM24733, CM24734, CM24735, Syntypes

Cardium burchardi Dunker: CM22805

Cardium shiobarense Yokoyama: CM22810, CM22811, CM22812, CM24744, CM24745, CM24746, CM24747, CM24748, CM24749, CM24750, CM24751, CM24752, Syntypes

Lucina (Phacoides) borealis Linné: CM22813 (missing), CM22814

Mytilus giganteus Holmberg: CM22816, CM24753

Pecten swiftii Bernardi: CM22817

Pecten yessoensis Jay: CM22818

Pecten kaneharai Yokoyama: CM22825 (missing), CM22826, CM24736, CM24737, CM24738, CM24739, CM24740, CM24741, Syntypes

Ostrea sp.: CM22827, CM22828

Arca sp.: CM22829, CM22830, CM22831

Pectunculus yessoensis Sowerby: CM22832

Pectunculus sp.: CM22834, CM22832

Nucula mirabilis Adams et Reeve: CM22838

Cardium sp.: CM22839

Yokoyama, M. (1926c): Molluscan fossils from the Tertiary of Mino. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.1, pt.7, pp.213-227, pl.28.

CM22840. *Cylichna affabilis* Yokoyama, p.216, pl.28, fig.1, Syntype. (missing)

CM22841. *Cylichna affabilis* Yokoyama, p.216, pl.28, fig.2, Syntype. (missing)

CM22844. *Cylichna corpulenta* Yokoyama, p.217, pl.28, fig.3,3a, Holotype. (missing)

CM22851. *Cerithium ishiianum* Yokoyama, p.218, pl.28, fig.11, Syntype. (missing)

Yokoyama, M. (1926c): continued

CM22852. *Cerithium ishiianum* Yokoyama, p.218, pl.28, fig.12, Syntype. (missing)

CM22855. *Vicarya baculum* (Yokoyama), p.219, pl.28, fig.4. (missing)

CM22856. *Vicarya baculum* (Yokoyama), p.219, pl.28, fig.5. (missing)

CM22857. *Vicarya baculum* (Yokoyama), p.219, pl.28, fig.6.

CM22884. *Soletellina minoensis* Yokoyama, p.221, pl.28, fig.14, Syntype. (missing)

CM22885. *Soletellina minoensis* Yokoyama, p.221, pl.28, fig.15,16, Syntype. (missing)

CM22887. *Soletellina minoensis* Yokoyama, p.221, pl.28, fig.13, Syntype. (missing)

CM22889. *Macoma dissimilis* (Martens), p.221, pl.28, fig.10. (missing)

CM22896. *Cyclina chinensis* (Chemnitz), p.222, pl.28, fig.7. (missing)

CM22911. *Venericardia tokunagai* Yokoyama, p.223, pl.28, fig.17. (missing)

CM22912. *Venericardia tokunagai* Yokoyama, p.223, pl.28, fig.18. (missing)

CM22919. *Crenella fornicata* Yokoyama, p.224, pl.28, fig.8, Syntype. (missing)

CM22920. *Crenella fornicata* Yokoyama, p.224, pl.28, fig.9, Syntype. (missing)

The following specimens, though not illustrated, were also treated in this paper. All are now missing.

Cylichna affabilis Yokoyama: CM22842, CM22843, Syntypes

Siphonalia cassidaraeformis Reeve: CM22845, CM22846

Buccinum leucostoma Lischke: CM22847

Nassa (Hima) japonica Adams: CM22848, CM22849

Cerithium kobelti Dunker: CM22850

Cerithium ishiianum Yokoyama: CM22853, CM22854, Syntypes

Vicarya baculum (Yokoyama): CM22858, CM22859

Potamides (Tympanotonos) fluviatilis (Postiez et Michaud): CM22860

Turritella nipponica Yokoyama: CM22861, CM22862, CM22863, CM22864, CM22865, CM22866, CM22867, CM22868

Natica janthostoma Deshayes: CM22869, CM22870, CM22871, CM22872

Dentalium sp.: CM22873, CM22874, CM22875, CM22876

Mactra semmiana Yokoyama: CM22877

Solen grandis Dunker: CM22878, CM22879

Cultellus izumoensis Yokoyama: CM22880, CM22881, CM22882, CM22883

Yokoyama, M. (1926c): continued

Soletellina minoensis Yokoyama: CM22886, CM22888, Syntypes

Macoma dissimilis (Martens): CM22890, CM22891

Dosinia troscheli Lischke: CM22892, CM22893, CM22894, CM22895, CM27096

Cyclina chinensis (Chemnitz): CM22897, CM22898

Meretrix (Callista) chinensis (Chemnitz): CM22899, CM22900, CM22901

Clementia speciosa Yokoyama: CM22902

Cardium shinjiense Yokoyama: CM22903, CM22904, CM22905

Diplodonta usta Gould: CM22906, CM22907, CM22908, CM22909

Lucina (Phacoides) borealis (Linné): CM22910

Venericardia tokunagai Yokoyama: CM22913, CM22914, CM22915, CM22916

Venericardia sp.: CM22917

Modiola barbata (Linné): CM22918

Lima goliath Sowerby: CM22921

Pecten yessoensis Jay: CM22922, CM22923, CM22924

Arca kobeltiana Pilsbry: CM22925, CM22926, CM22927, CM22928

Pectunculus yessoensis Sowerby: CM22929, CM22930

Parallelodon obliquatus Yokoyama: CM22931

Leda confusa Hanley: CM22932, CM22933, CM22934, CM22935, CM22936, CM22937

Leda inermis Yokoyama: CM22938

Nucula mirabilis Adams et Reeve: CM22939, CM22940, CM22941

Yoldia sagittaria Yokoyama: CM22942

Yokoyama, M. (1926d): Neogene shells from Kōzuke and other Provinces.
Jour. Fac. Sci. Imp. Univ. Tokyo, sec.2, vol.1, pt.7, pp.229-233, pl.29.

CM22964. *Cardium elongatum* Bruguière, p.232, pl.29, fig.5,5a. (missing)

CM22968. *Voluta megaspira* Sowerby, p.232, pl.29, fig.1.

CM22970. *Mya crassa* Grewinck, p.232, pl.29, fig,6.

CM22976. *Mya crassa* Grewinck, p.232, pl.29, fig.7.

CM22977. *Mya crassa* Grewinck, p.232, pl.29, fig.8.

CM23001. *Crenella peramoena* Yokoyama, p.233, pl.29, fig.2, Syntype. (missing)

CM23002. *Crenella peramoena* Yokoyama, p.233, pl.29, fig.3, Syntype. (missing)

Yokoyama, M. (1926d): continued

CM23003. *Crenella peramoena* Yokoyama, p.233, pl.29, fig.4, Syntype. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Turritella nipponica Yokoyama: CM22950 (missing)

Natica janthostoma Deshayes: CM22951 (missing), CM22969 (missing), CM22998 (missing)

Trochus sp.: CM22952 (missing)

Helcioniscus sp.: CM22953 (missing)

Hipponyx sp.: CM22954 (missing)

Macoma praetexta (Martens): CM22955

Cardium shinjiense Yokoyama: CM22956 (missing), CM23000 (missing)

Thyasira bisecta (Conrad) var. *nipponica* Yabe et Nomura: CM22957 (missing) CM22972, CM23007 (missing)

Arca subcrenata Lischke: CM22958 (missing)

Leda confusa Hanley: CM22959 (missing)

Solemya tokunagai Yokoyama: CM22960 (missing)

Voluta megaspira Sowerby: CM22961, CM22967, CM22973 (missing), CM22994 (missing)

Tellina optiva Yokoyama: CM22962

Venus sp. (*Venus stimpsoni* Gould ?): CM22963

Lucina (Phacoides) borealis Linné: CM22965, CM22978, CM22987 (missing), CM22996

Pectunculus sp.: CM22966 (missing)

Tellina sp.: CM22971 (missing), CM22980 (missing)

Buccinum leucostoma Lischke: CM22974

Natica sp.: CM22975

Venericardia cf. *tokunagai* Yokoyama: CM22979 (missing)

Dosinia troscheli Lischke: CM22981 (missing)

Meretrix meretrix Linné: CM22982 (missing)

Tapes ? sp.: CM22983 (missing)

Cardium braunsi Tokunaga: CM22984 (missing)

Cardium sp.: CM22985 (missing)

Cardium sp.: CM22986 (missing)

Thracia sp.: CM22988 (missing)

Yokoyama, M. (1926d): continued

Pectunculus yessoensis Sowerby: CM22989 (missing)

Nucula mirabilis Adams et Reeve: CM22990 (missing)

Panope generosa Gould: CM22991 (missing)

Macoma dissimilis (Martens): CM22992 (missing), CM22995 (missing)

Dosinia angulosa Philippi: CM22993 (missing)

Yoldia gratiosa Yokoyama: CM22997

Mya arenaria Linné var. *japonica* Jay: CM22999 (missing)

Pecten swiftii Bernardi: CM23004 (missing)

Pecten yessoensis Jay: CM23005 (missing)

Chrysodomus despectus (Linné): CM23006 (missing)

Yokoyama, M. (1926e): Tertiary mollusca from the oil-fields of Embets and Etaibets. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.1, pt.7, pp.235-248, pls.30-32.

All the specimens related to this work are now missing.

CM23016. *Fusus uyemurai* Yokoyama, p.238, pl.30, fig.4, Holotype.

CM23024. *Mya arenaria* Linné, p.241, pl.30, fig.1.

CM23030. *Tellina optiva* Yokoyama, p.242, pl.30, fig.2.

CM23036. *Cardium pauperculum* Yokoyama, p.243, pl.30, fig.3.

CM23038. *Thyasira bisecta* Conrad *nipponica* Yabe et Nomura, p.243, pl.31, fig.12.

CM23042. *Astarte teshioensis* Yokoyama, p.244, pl.31, fig.1, Syntype.

CM23043. *Astarte teshioensis* Yokoyama, p.244, pl.31, fig.2, Syntype.

CM23048. *Pecten poculum* Yokoyama, p.245, pl.32, fig.2, Syntype.

CM23049. *Pecten poculum* Yokoyama, p.245, pl.32, fig.3, Syntype.

CM23050. *Pecten poculum* Yokoyama, p.245, pl.32, fig.1, Syntype.

CM23053. *Leda* sp., p.246, pl.31, fig.6.

CM23055. *Nucula cobboldiae* Sowerby, p.246, pl.31, fig.3.

CM23056. *Nucula cobboldiae* Sowerby, p.246, pl.31, fig,4.

CM23060. *Nucula mirabilis* Adams et Reeve, p.247, pl.31, fig.5.

CM23061. *Yoldia sagittaria* Yokoyama, p.247, pl.32, fig.4.

CM23064. *Yoldia scapha* Yokoyama, p.247, pl.31, fig.7, Syntype.

CM23065. *Yoldia scapha* Yokoyama, p.247, pl.31, fig.8, Syntype.

Yokoyama, M. (1926e): continued

CM23066. *Yoldia scapha* Yokoyama, p.247, pl.31, fig.9, Syntype.

CM23067. *Yoldia scapha* Yokoyama, p.247, pl.31, fig.10, Syntype.

CM23068. *Yoldia scapha* Yokoyama, p.247, pl.31, fig.11, Syntype.

The following specimens, though not illustrated, were also treated in this paper.

Chrysodomus despectus (Linné): CM23017

Buccinum leucostoma Lischke: CM23018

Turritella nipponica Yokoyama: CM23019, CM27097

Galeodea (Sconsia) japonica Yokoyama: CM23020

Natica janthostoma Deshayes: CM23021, CM23022

Mya arenaria Linné: CM23023, CM23025

Mactra semmiana Yokoyama: CM23026

Spisula grayana (Schrenck): CM23027

Psammobia sp.: CM23028

Tellina optiva Yokoyama: CM23029, CM23031

Macoma dissimilis (Martens): CM23032

Macoma inquinata Deshayes: CM23033

Cardium muticum Reeve: CM23034, CM23035

Cardium pauperculum Yokoyama: CM23037

Thyasira bisecta (Conrad) var. *nipponica* Yabe et Nomura: CM23038, CM23039, CM27098

Lucina (Phacoides) sp.: CM23040

Venericardia ferruginea (Adams): CM23041

Astarte teshioensis Yokoyama: CM23044, Syntype

Mytilus grayanus Dunker: CM23045

Modiola barbata (Linné): CM23046

Pecten swiftii Bernardi: CM23047

Pecten poculum Yokoyama: CM23051, Syntype

Pectunculus sp.: CM23052

Leda sp.: CM23054

Nucula cobboldiae Sowerby: CM23057, CM23058, CM23059

Yoldia sagittaria Yokoyama: CM23062

Yoldia scapha Yokoyama: CM23063, CM23069, Syntypes

Yokoyama, M. (1926f): Fossil shells from Sado. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.1, pt.8, pp.249-312, pls.32-37.

CM23072. *Tornatina yamakawai* Yokoyama, p.258, pl.32, fig.1, Holotype.

CM23078. *Pleurotoma sadoensis* Yokoyama, p.259, pl.32, fig.3, Syntype.

CM23080. *Genotia pseudopannus* Yokoyama, p.260, pl.32, fig.2.

CM23081. *Genotia ogurana* Yokoyama, p.260, pl.32, fig.7. (missing)

CM23082. *Bela sattva* Yokoyama, p.260, pl.32, fig.5, Holotype.

CM23083. *Bela ozawai* Yokoyama, p.260, pl.32, fig.8, Syntype.

CM23085. *Bela yanamii* Yokoyama, p.261, pl.32, fig.11, Syntype.

CM23087. *Bela candida* Yokoyama, p.261, pl.34, fig.1, Syntype.

CM23088. *Bela candida* Yokoyama, p.261, pl.34, fig.2, Syntype.

CM23091. *Bela exquisita* Yokoyama, p.262, pl.32, fig.9, Syntype.

CM23093. *Bela dissoluta* Yokoyama, p.263, pl.32, fig.13, Syntype.

CM23096. *Mangilia sawanensis* Yokoyama, p.263, pl.32, fig.6, Syntype.

CM23098. *Cancellaria lischkei* Yokoyama, p.264, pl.32, fig.16, Syntype.

CM23099. *Cancellaria lischkei* Yokoyama, p.264, pl.32, fig.17, Syntype.

CM23102. *Cancellaria tabatai* Yokoyama, p.265, pl.32, fig.12, Holotype.

CM23103. *Cancellaria longispirata* Yokoyama, p.265, pl.32, fig.10, Holotype. (missing)

CM23114. *Trophon suborpheus* Yokoyama, p.268, pl.32, fig.18, Syntype.

CM23116. *Trophon acharya* Yokoyama, p.269, pl.32, fig.14, Syntype.

CM23117. *Searlesia japonica* Yokoyama, p.269, pl.32, fig.22, Holotype.

CM23118. *Ocinebra lumaria* Yokoyama, p.270, pl.32, fig.21, Holotype.

CM23119. *Bittium binodulosum* Yokoyama, p.270, pl.32, fig.15.

CM23121. *Bittium ozawai* Yokoyama, p.270, pl.32, fig.20, Syntype.

CM23123. *Cerithiopsis crassicincta* Yokoyama, p.271, pl.37, fig.11, Syntype.

CM23126. *Solariella nipponensis* Yokoyama, p.272, pl.33, fig.16, Syntype.

CM23127. *Rissoa (Apicularia) sadoensis* Yokoyama, p.272, pl.33, fig.12, Syntype.

CM23129. *Rissoa (Apicularia ?) asura* Yokoyama, p.273, pl.33, fig.15, Syntype.

CM23131. *Rissoa (Alvania) lusoria* Yokoyama, p.273, pl.33, fig.18, Holotype.

CM23132. *Rissoa (Alvania) sitta* Yokoyama, p.274, pl.33, fig.13, Syntype.

CM23134. *Rissoa (Alvania) maya* Yokoyama, p.274, pl.32, fig.24, Syntype.

Yokoyama, M. (1926f): continued

CM23135. *Rissoa (Alvania) maya* Yokoyama, p.274, pl.32, fig.25, Syntype.

CM23136. *Rissoa (Alvania) akibai* Yokoyama, p.275, pl.34, fig.3, Syntype.

CM23138 *Rissoa (Cingula) dharma* Yokoyama, p.275, pl.33, fig.9, Holotype.

CM23139. *Rissoa (Cingula) mundana* Yokoyama, p.276, pl.33, fig.11, Syntype.

CM23142. *Rissoina fortunata* Yokoyama, p.276, pl.33, fig.10, Holotype.

CM23143. *Rissoina tabatai* Yokoyama, p.277, pl.33, fig.14, Syntype.

CM23145. *Rissoina (Zebina ?) occulta* Yokoyama, p.277, pl.34, fig.12, Syntype.

CM23147. *Rissoina (Morchiella) sawanensis* Yokoyama, p.277, pl.34, fig.7, Syntype.

CM23155. *Odostomia (Egilina) marielloides* Yokoyama, p.279, pl.32, fig.19.

CM23157. *Odostomia (Ondina ?) calypso* Yokoyama, p.279, pl.32, fig.4, Holotype.

CM23159. *Turbonilla (Chemnitzia) fusoensis* Yokoyama, p.280, pl.34, fig.6, Holotype.

CM23161. *Turbonilla (Pyrgiscus) yanamii* Yokoyama, p.280, pl.35, fig.4, Syntype. (missing)

CM23163. *Turbonilla (Tragula) spinulosa* Yokoyama, p.281, pl.35, fig.5, Holotype.

CM23164. *Turbonilla (Cingulina) morsei* Yokoyama, p.281, pl.33, fig.17, Holotype.

CM23165. *Turbonilla (Cingulina) pseudocingulata* Yokoyama, p.281, pl.35, fig.1, Holotype.

CM23171. *Phasianella tristis* Pilsbry, p.283, pl.37, fig.7.

CM23173. *Gibbula orientalis* Yokoyama, p.283, pl.35, fig.9, Syntype.

CM23175. *Margarita vahliioides* Yokoyama, p.283, pl.37, fig.8, Syntype.

CM23177. *Margarita laudata* Yokoyama, p.284, pl.34, fig.8, Holotype.

CM23178. *Margarita hilarula* Yokoyama, p.284, pl.34, fig.9, Holotype.

CM23179. *Calliostoma kalavinka* Yokoyama, p.285, pl.33, fig.19, Holotype.

CM23180. *Cyclostrema pulchellum* Dunker, p.285, pl.32, fig.23.

CM23185. *Acmaea concinna* Lischke, p.286, pl.34, fig.5.

CM23187. *Acmaea schrenckii* Lischke, p.287, pl.34, fig.13.

CM23189. *Acmaea asmiiformis* Yokoyama, p.287, pl.34, fig.15, Syntype.

CM23191. *Acmaea asperulata* Yokoyama, p.287, pl.34, fig.4, Holotype.

CM23192. *Acmaea oblongata* Yokoyama, p.288, pl.34, fig.14, Syntype.

CM23194. *Acmaea angustitesta* Yokoyama, p.288, pl.34, fig.10, Holotype.

Yokoyama, M. (1926f): continued

CM23196. *Siphonodentalium (Pulsellum) ozawai* Yokoyama, p.289, pl.34, fig. 11, Holotype.

CM23212. *Cardium shinjiense* Yokoyama, p.293, pl.34, fig.17.

CM23213. *Cardium shinjiense* Yokoyama, p.293, pl.34, fig.18.

CM23214. *Papyridea (Fulvia) nipponica* Yokoyama, p.294, pl.34, fig.16.

CM23216. *Thyasira bisecta* (Conrad), p.294, pl.35, fig.2.

CM23217. *Thyasira bisecta* (Conrad), p.294, pl.35, fig.3. (missing)

CM23219. *Thyasira ozawai* Yokoyama, p.295, pl.36, fig.4, Holotype.

CM23229. *Venericardia nakamurai* Yokoyama, p.298, pl.36, fig.3.

CM23231. *Astarte borealis* (Chemnitz), p.298, pl.37, fig.2.

CM23232. *Astarte borealis* (Chemnitz), p.298, pl.37, fig.3.

CM23235. *Astarte sulcata* (Dacosta), p.298, pl.37, fig.9.

CM23236. *Astarte sulcata* (Dacosta), p.298, pl.37, fig.10.

CM23249. *Crenella delicatula* Yokoyama, p.301, pl.36, fig.7, Holotype.

CM23250. *Crenella parvula* Yokoyama, p.301, pl.36, fig.8, Syntype.

CM23252. *Placunanomia macrochisma* Deshayes, p.301, pl.35, fig.8.

CM23253. *Placunanomia macrochisma* Deshayes, p.301, pl.35, fig.7.

CM23264. *Pecten swiftii* Bernardi, p.303, pl.37, fig.5.

CM23265. *Pecten swiftii* Bernardi, p.303, pl.37, fig.6.

CM23269. *Pecten heteroglyptus* Yokoyama, p.304, pl.33, fig.1, Syntype. (missing)

CM23270. *Pecten heteroglyptus* Yokoyama, p.304, pl.33, fig.2, Syntype.

CM23271. *Pecten heteroglyptus* Yokoyama, p.304, pl.33, fig.3, Syntype.

CM23272. *Pecten heteroglyptus* Yokoyama, p.304, pl.33, fig.4, Syntype.

CM23273. *Pecten heteroglyptus* Yokoyama, p.304, pl.33, fig.5, Syntype. (missing)

CM23274. *Pecten heteroglyptus* Yokoyama, p.304, pl.33, fig.6, Syntype.

CM23275. *Pecten heteroglyptus* Yokoyama, p.304, pl.33, fig.7, Syntype.

CM23276. *Pecten heteroglyptus* Yokoyama, p.304, pl.33, fig.8, Syntype. (missing)

CM23281. *Pecten plebejus* Yokoyama, p.305, pl.36, fig.1, Syntype.

CM23282. *Pecten plebejus* Yokoyama, p.305, pl.36, fig.2, Syntype.

CM23286. *Pecten foedus* Yokoyama, p.305, pl.37, fig.1, Holotype.

CM23303. *Leda sadoensis* Yokoyama, p.308, pl.36, fig.6, Syntype. (missing)

Yokoyama, M. (1926f): continued

CM23305. *Yoldia scapha* Yokoyama, p.309, pl.35, fig.6.

CB23307. *Terebratella frontalis* (Middendorff), p.310, pl.36, fig.5.

CB23309. *Terebratalia gouldii* Dall, p.310, pl.37, fig.4.

The following specimens, though not illustrated, were also treated in this paper.

Tornatina longispirata Yokoyama: CM23071

Retusa minima Yokoyama: CM23073

Volvula angustata (A. Adams): CM23074

Volvula acutaeformis Yokoyama: CM23075

Cylichna musashiensis Tokunaga: CM23076, CM23077

Bela ozawai Yokoyama: CM23084, Syntype

Bela yanamii Yokoyama: CM23086, Syntype

Bela candida Yokoyama: CM23089 (missing), CM23090 (missing), Syntypes

Bela exquisita Yokoyama: CM23092, Syntype

Bela dissoluta Yokoyama: CM23094, Syntype

Mangilia deshayesii Dunker: CM23095

Mangilia sawanensis Yokoyama: CM23097, Syntype

Cancellaria lischkei Yokoyama: CM23100, CM23101, Syntypes

Marginella cotamago Yokoyama: CM23104

Fusus coreanicus Smith: CM23105

Nassa (Hima) japonica A. Adams: CM23106

Nassa (Hima) festiva Powis: CM23107

Columbella (Atilia) masakadoi Yokoyama: CM23108

Columbella (Mitrella) dunkeri Tryon: CM23109, CM23110

Trophon subclavatus Yokoyama: CM23111

Trophon nipponicus Yokoyama: CM23112, CM23113

Trophon suborpheus Yokoyama: CM23115, Syntype

Bittium ozawai Yokoyama: CM23122, Syntype

Cerithiopsis crassicincta Yokoyama: CM23124, Syntype

Triforis otsuensis Yokoyama: CM23125

Rissoa (Apicularia) sadoensis Yokoyama: CM23128, Syntype

Rissoa (Apicularia) asura Yokoyama: CM23130, Syntype

Rissoa (Alvania) sitta Yokoyama: CM23130, Syntype

Yokoyama, M. (1926f): continued

Rissoa (Alvania) sitta Yokoyama: CM23133, Syntype

Rissoa (Alvania) akibai Yokoyama: CM23137, Syntype

Rissoa (Cingula) mundana Yokoyama: CM23140, Syntype

Rissoina submerculialis Yokoyama: CM23141

Rissoina tabatai Yokoyama: CM23144, Syntype

Rissoina (Zebina ?) occulta Yokoyama: CM23146

Rissoina (Morchiella) sawanensis Yokoyama: CM23148, Syntype

Natica janthostoma Deshayes: CM23149, CM23150

Polinices pallidus (Broderip et Sowerby): CM23151, CM23152

Scala azumana Yokoyama: CM23153

Pyramidella (Iphiana) mira Yokoyama: CM23154

Odostomia (Odostomia) suboxia Yokoyama: CM23156 (missing)

Turbonilla (Strioturbonilla) pacifica Yokoyama: CM23158

Turbonilla (Pyrgiscus) yanamii Yokoyama: CM23160, CM23162 (missing), Syntype

Leptothyra amussitata (Gould): CM23166, CM23167

Leptothyra purpurescens (Dunker): CM23168, CM23169

Leptothyra pygmaea Yokoyama: CM23170

Phasianella tristis Pilsbry: CM23172

Gibbula orientalis Yokoyama: CM23174, Syntype

Margarita vahliioides Yokoyama: CM23176, Syntype

Cyclostrema pulchellum Dunker: CM23181

Puncturella nobilis A. Adams: CM23182

Emarginula vadoso-sinuata Yokoyama: CM23183

Acmaea kuragiensis Yokoyama: CM23184

Acmaea concinna Lischke: CM23186

Acmaea schrenckii Lischke: CM23188

Acmaea asmiiformis Yokoyama: CM23190, Syntype

Acmaea oblongata Yokoyama: CM23193, Syntypes

Helcioniscus pallidus (Gould): CM23195

Panope generosa Gould: CM23197

Corbula venusta Gould: CM23198

Mactra sulcataria Deshayes: CM23199

Spisula grayana Schrenck: CM23200 (missing)

Yokoyama, M. (1926f): continued

Psammobia kazusensis Yokoyama: CM23201

Macoma praetexta (Martens): CM23202

Macoma nipponica Tokunaga: CM23203

Macoma inquinata (Deshayes): CM23204

Dosinia troscheli Lischke: CM23205

Meretrix meretrix (Linné): CM23206

Meretrix (Callista) chinensis (Chemnitz): CM23207

Venus (Mercenaria) stimpsoni Gould: CM23208

Venus jedoensis Lischke: CM23209

Cardium californiense Deshayes: CM23210

Cardium muticum Reeve: CM23211

Papyridea (Fulvia) nipponica Yokoyama: CM23215

Thyasira bisecta (Conrad): CM23218

Diplodonta semiaspere (Philippi): CM23220

Lucina pisidium Dunker: CM23221

Lucina (Phacoides) borealis (Linné): CM23222

Chama semipurpurata (Lischke): CM23223

Cardita cumingiana Dunker: CM23224

Venericardia cipangoana Yokoyama: CM23225, CM27114 (missing)

Venericardia ferruginea (A. Adams): CM23226, CM23227, CM23228

Venericardia nakamurai Yokoyama: CM23230

Astarte borealis (Chemnitz): CM23233, CM23234

Astarte sulcata (Dacosta): CM23237, CM23238

Astarte hakodatensis Yokoyama: CM23239

Trapezium nipponicum Yokoyama: CM23240, CM23241

Myodora fluctuosa Gould: CM23242, CM23243

Thracia transmontana Yokoyama: CM23244

Thracia sematana Yokoyama: CM23245

Mytilus hirsutus Lamarck: CM23246

Modiola modiolus Linné: CM23247

Modiola barbata Linné: CM23248

Crenella parvula Yokoyama: CM23251, Syntype

Placunanomia macrochisma Deshayes: CM23254, CM23255

Yokoyama, M. (1926f): continued

Lima japonica (A. Adams): CM23256, CM23257

Lima vulgatula Yokoyama: CM23258

Spondylus cruentus Lischke: CM23259

Pecten laetus Gould: CM23260, CM23261

Pecten yessoensis Jay: CM23262 (missing), CM23263 (missing)

Pecten swiftii Bernardi: CM23266, CM23267, CM23268

Pecten heteroglyptus Yokoyama: CM23277 (missing), CM23278, Syntypes

Pecten intuscostatus Yokoyama: CM23279, CM23280 (missing)

Pecten plebejus Yokoyama: CM23283, CM23284, CM23285, Syntypes

Arca kobeltiana Pilsbry: CM23287, CM23288, CM23289 (missing)

Arca (Barbatia) stearnsii Pilsbry: CM23290

Arca (Barbatia) symmetrica Reeve: CM23291

Pectunculus yessoensis Sowerby: CM23292, CM23293

Pectunculus nipponicus Yokoyama: CM23294, CM23295

Parallelodon obliquatus Yokoyama: CM23296, CM23297

Limopsis tokaiensis Yokoyama: CM23298, CM23299, CM23300

Limopsis crenata A. Adams: CM23301

Limopsis azumana Yokoyama: CM23302

Leda sadoensis Yokoyama: CM23304, Syntype

Terebratella coreanica Adams et Reeve: CB23306

Terebratella frontalis (Middendorff): CB23308

Hemithyris psittacea (Chemnitz) var. *woodwardi* (Adams): CB23310, CB23311 (missing)

Pleurotoma sadoensis Yokoyama: CM27099 (missing), Syntype

Trophon acharya Yokoyama: CM27100, Syntype

Solariella nipponensis Yokoyama: CM27101, CM27102, CM27103, CM27104, CM27105, CM27106, CM27107, CM27108, CM27109, CM27110, CM27111, CM27112, CM27113

Yokoyama, M. (1926g): Tertiary mollusca from southern Tōtōmi. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.1, pt.9, pp.313-364, pls.38-41.

CM23320. *Terebra triseriata* Gray, p.326, pl.38, fig.1. (missing)

CM23324. *Terebra* cfr. *subtextilis* Smith, p.327, pl.38, fig.2. (missing)

CM23325. *Terebra asukensis* Yokoyama, p.327, pl.38, fig.4, Syntype.

Yokoyama, M. (1926g): continued

CM23326. *Terebra dainichiana* Yokoyama, p.328, pl.38, fig.4, Syntype.

CM23327. *Terebra dainichiana* Yokoyama, p.328, pl.38, fig.5, Syntype.

CM23329. *Terebra ozawai* Yokoyama, p.328, pl.38, fig.9, Syntype.

CM23333. *Pleurotoma subdeclivis* Yokoyama, p.329, pl.38, fig.8, Syntype. (missing)

CM23335. *Pleurotoma shimomatana* Yokoyama, p.330, pl.38, fig.6, Syntype. (missing)

CM23336. *Pleurotoma shimomatana* Yokoyama, p.330, pl.38, fig.7, Syntype. (missing)

CM23344. *Drillia asukana* Yokoyama, p.331, pl.38, fig.18, Holotype. (missing)

CM23345. *Drillia* sp., p.332, pl.38, fig.22. (missing)

CM23351. *Cancellaria bocageana* Crosse et Debeaux, p.333, pl.38, fig.10. (missing)

CM23354. *Oliva irisans* Lamarck, p.333, pl.38, fig.12. (missing)

CM23357. *Olivella spretoides* Yokoyama, p.334, pl.38, fig.14. (missing)

CM23358. *Olivella spretoides* Yokoyama, p.334, pl.38, fig.15. (missing)

CM23361. *Ancilla rubiginosa* (Swainson), p.334, pl.38, fig.11. (missing)

CM23364. *Ancilla suavis* Yokoyama, p.334, pl.38, fig.17, Holotype. (missing)

CM23368. *Voluta hirugayensis* Yokoyama, p.335, pl.38, fig.16, Holotype. (missing)

CM23378. *Siphonalia declivis* Yokoyama, p.337, pl.38, fig.19, Syntype. (missing)

CM23379. *Nassaria magnifica* Lischke, p.338. pl.41, fig.6. (missing)

CM23382. *Bullia (Adenus ?) chitanii* Yokoyama, p.338, pl.41, fig.17, Holotype. (missing)

CM23385. *Nassa (Niotha) congrua* Yokoyama, p.339, pl.41, fig.18, Holotype. (missing)

CM23388. *Murex spinicosta* Brown, p.340, pl.38, fig.25. (missing)

CM23389. *Murex spinicosta* Brown, p.340, pl.38, fig.26. (missing)

CM23391. *Murex (Phyllonotus) bullocki* Yokoyama, p.340, pl.38, fig.13. (missing)

CM23393. *Urosalpinx birileffi* (Lischke), p.341, pl.41, fig.16. (missing)

CM23396. *Triton tenuiliratus* Lischke, p.341, pl.41, fig.14.

CM23399. *Siphonalia declivis* Yokoyama, p.337, pl.38, fig.20, Syntype. (missing)

Yokoyama, M. (1926g): continued

CM23400. *Siphonalia declivis* Yokoyama, p.337. pl.38, fig.21, Syntype. (missing)

CM23403. *Melongena miranda* Yokoyama, p.342, pl.41, fig.15, Syntype. (missing)

CM23405. *Bittium misellissimum* Yokoyama, p.343, pl.41, fig.19, Syntype.

CM23406. *Bittium misellissimum* Yokoyama, p.343, pl.41, fig.20, Syntype.

CM23408. *Turritella kiiensis* Yokoyama, p.343, pl.39, fig.3. (missing)

CM23409. *Turritella kiiensis* Yokoyama, p.343, pl.39, fig.4. (missing)

CM23422. *Eulima (Leiostraca) hosoyana* Yokoyama, p.345, pl.41, fig.12, Holotype. (missing)

CM23424. *Odostomia (Miralda ?) clandestina* Yokoyama, p.345, pl.38, fig. 23, Syntype. (missing)

CM23425. *Odostomia (Miralda ?) clandestina* Yokoyama, p.345, pl.38, fig. 24, Syntype. (missing)

CM23426. *Calliostoma unicum* (Dunker), p.346, pl.41, fig.13. (missing)

CM23443. *Corbula erythrodon* Lamarck, p.348, pl.41, fig.3.

CM23451. *Dosinia* sp., p.349, pl.41, fig.4. (missing)

CM23453. *Meretrix ōyuana* Yokoyama, p.350, pl.41, fig.5, Holotype.

CM23461. *Venus ozawai* Yokoyama, p.351, pl.39, fig.5, Syntype. (missing)

CM23467. *Chione casinaeformis* Yokoyama, p.352, pl.39, fig.7, Syntype. (missing)

CM23468. *Chione casinaeformis* Yokoyama, p.352, pl.39, fig.8, Syntype. (missing)

CM23469. *Chione casinaeformis* Yokoyama, p.353, pl.39, fig.9, Syntype. (missing)

CM23470. *Chione chitaniana* Yokoyama, p.352, pl.39, fig.13, Syntype. (missing)

CM23476. *Cardium egregium* Yokoyama, p.354, pl.39, fig.10, Holotype. (missing)

CM23479. *Cardita panda* Yokoyama, p.355, pl.39, fig.1, Syntype. (missing)

CM23480. *Cardita panda* Yokoyama, p.355, pl.39, fig.2, Syntype. (missing)

CM23489. *Crassatella uchidana* Yokoyama, p.356, pl.39, fig.6, Syntype. (missing)

CM23491. *Pecten praesignis* Yokoyama, p.357, pl.40, figs.1,2.

CM23492. *Pecten praesignis* Yokoyama, p.357, pl.41, fig.1. (missing)

CM23498. *Pecten clancularius* Yokoyama, p.358, pl.41, fig.7, Syntype. (missing)

Yokoyama, M. (1926g): continued

CM23499. *Pecten clancularius* Yokoyama, p.358, pl.41, fig.8, Syntype. (missing)

CM23519. *Cucullaea concamerata* (Martini), p.360, pl.41, fig.2. (missing)

CM23524. *Limopsis chitaniana* Yokoyama, p.361, pl.39, fig.11, Syntype. (missing)

CM23525. *Limopsis chitaniana* Yokoyama, p.361, pl.39, fig.12, Syntype. (missing)

CM24758. *Pecten clancularius* Yokoyama, p.358, pl.41, fig.9, Syntype. (missing)

CM24759. *Pecten clancularius* Yokoyama, p.358, pl.41, fig.10, Syntype. (missing)

CM24760. *Pecten clancularius* Yokoyama, p.358, pl.41, fig.11, Syntype. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Solidula strigosa (Gould): CM23313 (missing)

Cylichna musashiensis Tokunaga: CM23314 (missing)

Ringicula musashinoensis Yokoyama: CM23315 (missing), CM23316 (missing)

Terebra lischkeana Dunker: CM23317 (missing)

Terebra recticostata Yokoyama: CM23318 (missing)

Terebra smithi Yokoyama: CM23319 (missing)

Terebra triseriata Gray: CM23321 (missing)

Terebra tsuboiana Yokoyama: CM23322 (missing), CM23323 (missing)

Terebra dainichiana Yokoyama: CM23328, CM24754, CM24755, CM24756, CM24757, Syntypes

Terebra ozawai Yokoyama: CM23330 (missing), Syntype

Conus sp.: CM23331 (missing)

Pleurotoma vertebrata Smith: CM23332 (missing)

Pleurotoma subdeclivis Yokoyama: CM23334 (missing), Syntype

Genotia luedorfi (Lischke): CM23337 (missing)

Drillia pseudo-principalis Yokoyama: CM23338 (missing)

Drillia quantoana Yokoyama: CM23339 (missing)

Drillia braunsi Yokoyama: CM23340 (missing), CM23341 (missing)

Drillia sobrina Yokoyama: CM23342 (missing)

Drillia dainichiensis Yokoyama: CM23343 (missing)

Mangilia fukuchiana Yokoyama: CM23346 (missing)

Yokoyama, M. (1926g): continued

Cancellaria spengleriana Deshayes: CM23347 (missing), CM23348 (missing)

Cancellaria nodulifera Sowerby: CM23349 (missing)

Cancellaria bocageana Crosse et Debeaux: CM23350 (missing), CM23352 (missing)

Cancellaria asperella Lamarck var. *reeviana* Crosse: CM23353 (missing)

Oliva irisans Lamarck: CM23355 (missing)

Olivella fortunei A. Adams: CM23356 (missing)

Olivella spretoides Yokoyama: CM23359 (missing), CM23360 (missing)

Ancilla rubiginosa (Swainson): CM27115 (missing)

Ancilla okawai Yokoyama: CM23362 (missing), CM23363 (missing)

Voluta megaspira Sowerby: CM23365 (missing), CM23366 (missing), CM23367 (missing)

Mitra pristina Yokoyama: CM23369 (missing)

Fusus perplexus A. Adams: CM23370 (missing)

Fusus niponicus Smith: CM23371 (missing)

Hemifusus ternatanus (Gmelin): CM23372 (missing)

Siphonalia cassidariaeformis (Reeve): CM23373 (missing), CM23374 (missig), CM23375 (missing), CM23376 (missing), CM23377 (missing)

Siphonalia declivis Yokoyama: CM23401 (missing), Syntype

Eburna elata Yokoyama: CM23380 (missing), CM23381 (missing)

Nassa (Hima) japonica A. Adams: CM23383 (missing)

Nassa (Hima) demissa Yokoyama: CM23384 (missing)

Columbella (Atilia) smithi Yokoyama: CM23386 (missing)

Columbella (Mitrella) dunkeri Tryon: CM23387 (missing)

Murex spinicosta Brown: CM23390 (missing)

Murex (Phyllonotus) bullocki Yokoyama: CM23392 (missing)

Rapana bezoar Linné var. *thomasiana* Crosse: CM23394 (missing)

Purpura alveolata Reeve: CM23395 (missing)

Priene oregonensis (Redfield): CM23397 (missing), CM23398 (missing)

Galeodea (Sconsia) japonica Yokoyama: CM23402 (missing)

Melongena miranda Yokoyama: CM23404 (missing), Syntype

Turritella perterebra Yokoyama: CM23407 (missing)

Turritella kiiensis Yokoyama: CM23410 (missing), CM23411 (missing)

Solarium (Philippia) cingulum Kiener: CM23412 (missing)

Yokoyama, M. (1926g): continued

Natica janthostoma Deshayes: CM23413 (missing), CM23414 (missing)

Polinices (Neverita) ampla (Philippi): CM23415 (missing), CM23416 (missing), CM23417 (missing), CM23418 (missing), CM23419 (missing), CM23420 (missing)

Sigaretus (Eunaticina) papilla Gmelin: CM23421 (missing)

Pyramidella (Actaeopyramis) eximia (Lischke): CM23423 (missing)

Calliostoma unicum (Dunker): CM23427 (missing)

Umbonium suchiense Yokoyama: CM23428 (missing), CM23429 (missing), CM23430 (missing), CM23431 (missing), CM23432 (missing), CM23433 (missing)

Umbonium mysticum Yokoyama: CM23434 (missing), CM23435 (missing), CM23436 (missing), CM23437 (missing)

Dentalium weinkauffii Dunker: CM23438 (missing), CM23439 (missing), CM23440 (missing)

Dentalium octogonum Lamarck: CM23441 (missing)

Panope generosa (Gould): CM23442 (missing)

Mactra crossei (Dunker): CM23444 (missing)

Mactra spectabilis Lischke: CM23445 (missing)

Raeta yokohamensis Pilsbry: CM23446 (missing)

Solen krusensternii Schrenck: CM23447 (missing)

Tellina sp.: CM23448 (missing)

Macoma praetexta (Martens): CM23449 (missing)

Dosinia troscheli Lischke: CM23450 (missing)

Meretrix iizukai Yokoyama: CM23452 (missing)

Meretrix (Callista) chinensis (Chemnitz): CM23454 (missing), CM23455 (missing), CM23456 (missing), CM23457 (missing)

Clementia speciosa Yokoyama: CM23458 (missing), CM23459 (missing)

Venus (Mercenaria) stimpsoni Gould: CM23460 (missing)

Venus ozawai Yokoyama: CM23462 (missing), CM23463 (missing), Syntypes

Chione isabellina (Philippi): CM23464 (missing), CM23465 (missing), CM23466 (missing), CM27116 (missing), CM27117 (missing)

Chione chitaniana Yokoyama: CM23471 (missing), Syntype

Tapes euglyptus (Philippi): CM23472 (missing), CM23473 (missing)

Cardium muticum Reeve: CM23474 (missing)

Cardium nuttalii Conrad: CM23475 (missing)

Diplodonta japonica Pilsbry: CM23477 (missing)

Lucina (Phacoides) borealis (Linné): CM23478 (missing)

Yokoyama, M. (1926g): continued

Cardita panda Yokoyama: CM23481 (missing), CM23482 (missing), CM23483 (missing), CM23484 (missing), CM23485 (missing), CM23486 (missing), Syntypes

Crassatella pauxilla Yokoyama: CM23487 (missing)

Crassatella heteroglypta (Pilsbry): CM23488 (missing)

Crassatella uchidana Yokoyama: CM23490 (missing), Syntype

Pecten praesignis Yokoyama: CM23493 (missing), CM23494 (missing), CM23495 (missing), CM23496 (missing), CM23497 (missing)

Ostrea gigas Thunberg: CM23500 (missing)

Ostrea cucullata (Born): CM23501 (missing)

Ostrea sp.: CM23502 (missing)

Ostrea sp.: CM23503 (missing)

Pinna japonica Hanley: CM23504 (missing)

Arca (Anomalocardia) inflata Reeve: CM23505 (missing), CM23506 (missing) CM23507 (missing), CM23508 (missing)

Pectunculus vestitus Dunker: CM23509 (missing), CM23510 (missing), CM23511, (missing), CM23512 (missing), CM23513 (missing)

Pectunculus albolineatus Lischke: CM23514 (missing)

Pectunculus nipponicus Yokoyama: CM23515 (missing), CM23516 (missing), CM23517 (missing), CM23518 (missing)

Limopsis crenata A. Adams: CM23520 (missing), CM23521 (missing), CM23522 (missing), CM23523 (missing)

Limopsis chitaniana Yokoyama: CM23526 (missing), Syntype

Leda confusa Hanley: CM23527 (missing), CM23528 (missing), CM27118 (missing)

Nucula mirabilis A. Adams et Reeve: CM23529 (missing), CM23530 (missing)

Nucula insignis A. Adams: CM23531 (missing)

Solemya sp.: CM23532 (missing)

Yokoyama, M. (1926h): Tertiary shells from Tosa. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.1, pt.9, pp.365-368, pl.42.

All the specimens related to this work are now missing.

CM23533. *Pleurotoma subdeclivis* Yokoyama, p.367, pl.42, fig.4.

CM23534. *Niso interrupta* Sowerby, p.367, pl.42, fig.5.

CM23535. *Corbula peregrina* Yokoyama, P.367, pl.42, fig.8.

CM23536. *Chione casinaeformis* Yokoyama, p.368, pl.42, fig.3,3a.

Yokoyama, M. (1926h): continued

CM23537. *Aspergillum giganteum* Pilsbry, p.368, pl.42, fig.1,1a.

CM23538. *Aspergillum giganteum* Pilsbry, p.368, pl.42, fig.2,2a.

CM23539. *Arca suzukii* Yokoyama, p.368, pl.42, fig.6,6a, Syntype.

CM23540. *Arca suzukii* Yokoyama, p.368, pl.42, fig.7,7a, Syntype.

The following specimens, though not illustrated, were also treated in this paper.

Terebra naumanni Yokoyama: CM27119

Drillia principalis Pilsbry: CM27120

Cancellaria spengleriana Deshayes: CM27121

Ancilla okawai Yokoyama: CM27122

Voluta megaspira Sowerby: CM27123

Calyptraea mammilaris Broderip: CM27124

Polinices ampla (Philippi): CM27125

Cadulus gordonis Yokoyama: CM27126

Dentalium weinkauffii Dunker: CM27127

Mya arenaria Linné: CM27128

Meretrix (Callista) chinensis (Chemnitz): CM27129

Clementia speciosa Yokoyama: CM27130

Cardium muticum Reeve: CM27131

Pectunculus vestitus Dunker: CM27132

Myodora reeviana Smith: CM27133

Limopsis woodwardi Dunker: CM27134

Limopsis areolata Yokoyama: CM27135

Nucula mirabilis Adams et Reeve: CM27136

Yokoyama, M. (1926i): Fossil shells from the Atsumi Peninsula, Mikawa.

Jour. Fac. Sci. Imp. Univ. Tokyo, sec.2, vol.1, pt.9, pp.369-375, pl.43.

All the specimens related to this work are now missing.

CM23544. *Mangilia ishiiana* Yokoyama, p.372, pl.43, fig.2, Holotype.

CM23545. *Hemifusus ternatanus* (Gmelin), p.372, pl.43, fig.1.

CM23547. *Columbella (Anachis) fratercula* Yokoyama, p.373, pl.43, fig.3, Syntype.

CM23549. *Chlorostoma rusticum* (Gmelin), p.373, pl.43, fig.10.

Yokoyama, M. (1926i): continued

CM23550. *Calliostoma ishiianum* Yokoyama, p.373, pl.43, fig.9, Holotype.

CM23551. *Euchelus oranatissimus* Yokoyama, p.374, pl.43, fig.7, Syntype.

CM23552. *Euchelus oranatissimus* Yokoyama, p.374, pl.43, fig.8, Syntype.

CM23553. *Psammobia oriens* Deshayes, p.374, pl.43, fig.6.

CM23554. *Pecten atsumiensis* Yokoyama, p.375, pl.43, fig.4, Syntype.

CM23555. *Pecten atsumiensis* Yokoyama, p.375, pl.43, fig.5, Syntype.

CM23556. *Ostrea denselamellosa* Lischke, p.375, pl.43, fig.11.

The following specimens, though not illustrated, were also treated in this paper.

Ringicula musashinoensis Yokoyama: CM27137

Siphonalia cassidariaeformis (Reeve): CM27138

Eburna japonica Reeve: CM27138

Columbella (Atilia) masakadoi Yokoyama: CM27140

Columbella (Mitrella) dunkeri Tryon: CM27141

Columbella (Anachis) fratercula Yokoyama: CM23548, Syntype

Rapana bezoar Linné var. *thomasiana* Crosse: CM27142

Dolium luteostomum Küster: CM27143

Potamides (Batillaria) zonalis (Bruguière): CM27144

Cerithiopsis satomii Yokoyama: CM27145

Natica janthostoma Deshayes: CM27146

Eulima (Leiostraca) glabroides Yokoyama: CM27147

Turbonilla (Mormula) paucicostulata Tokunaga: CM27148

Odostomia (Odostomia) limpida Dautzenberg et Bavay: CM27149

Odostomia marielloides Yokoyama var. *gracilis* Yokoyama: CM27150

Panope generosa Gould: CM27151

Corbula venusta Gould: CM27152

Basterotia gouldii (Adams): CM27153

Mya arenaria Linné: CM27154, CM27155

Cryptomya busoensis Yokoyama: CM27156

Mactra ovalina Lamarck: CM27157

Tresus nuttali (Conrad): CM27158

Tellina jedoensis Lischke: CM27159

Tellina ojiensis Tokunaga: CM27160

Yokoyama, M. (1926i): continued

Macoma dissimilis (Martens): CM27161

Dosinia angulosa Philippi: CM27162, CM27163

Dosinia troscheli Lischke: CM27164

Chione mindanensis Yokoyama: CM27165

Tapes variegatus Hanley: CM27166, CM27167

Cardium muticum Reeve: CM27168

Cardium nuttalii Conrad: CM27169

Lucina pisidium Dunker: CM27170

Cardita cumingiana Dunker: CM27171

Lithophaga zitteliana Dunker: CM27172

Anomia lischkei Dautzenberg et Fischer: CM27173

Placunanomia macroschisma (Deshayes): CM27174

Pecten laetus Gould: CM27175

Ostrea cucullata Born: CM27176

Arca symmetrica Reeve: CM27177

Yokoyama, M. (1926j): Fossil mollusca from the oil-fields of Akita. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.1, pt.9, pp.378-389, pls.43-44.

All the specimens related to this work are now missing.

CM23560. *Cylichna andenica* Yokoyama, p.383, pl.44, fig.1, Syntype.

CM23562. *Pleurotoma contraria* Yokoyama, p.383, pl.44, fig.2a, Syntype.

CM23563. *Pleurotoma contraria* Yokoyama, p.383, pl.44, fig.2b, Syntype.

CM23564. *Cancellaria murayamai* Yokoyama, p.384, pl.44, fig.3, Holotype.

CM23565. *Turritella saishuensis* Yokoyama, p.384, pl.44, fig.4.

CM23566. *Turritella saishuensis* Yokoyama, p.384, pl.44, fig.5.

CM23567. *Turbonilla (Mormula) chitaniana* Yokoyama, p.384, pl.44, fig.7, Syntype.

CM23569. *Gibbula inornata* Yokoyama, p.385, pl.44, fig.6, Syntype.

CM23570. *Gibbula inornata* Yokoyama, p.385, pl.44, fig.10, Syntype.

CM23571. *Gastrana yantaiensis* (Crosse et Debeaux), p.385, pl.44, fig.14.

CM23572. *Kellia laperousii* Deshayes, p.386, pl.44, fig.8.

CM23573. *Thyasira rotundata* Yokoyama, p.386, pl.44, fig.9, Syntype.

CM23574. *Thyasira rotundata* Yokoyama, p.386, pl.44, fig.13, Syntype.

Yokoyama, M. (1926j): continued

CM23575. *Clavagella japonica* Yokoyama, p.386, pl.44, fig,11, Syntype.
CM23576. *Clavagella japonica* Yokoyama, p.386, pl.44, fig.12, Syntype.
CM23577. *Pandora pulchella* Yokoyama, p.387, pl.45, fig.4, Syntype.
CM23579. *Pecten murayamai* Yokoyama, p.387, pl.44, fig.18, Syntype.
CM23580. *Pecten murayamai* Yokoyama, p.387, pl.44, fig.19, Syntype.
CM23581. *Pecten murayamai* Yokoyama, p.387, pl.44, fig.20, Syntype.
CM23584. *Pecten kurosawensis* Yokoyama, p.388, pl.45, fig.4, Syntype.
CM23586. *Pecten akitanus* Yokoyama, p.388, pl.44, fig.15, Syntype.
CM23587. *Pecten akitanus* Yokoyama, p.388, pl.44, fig.16, Syntype.
CM23588. *Pecten akitanus* Yokoyama, p.388, pl.44, fig.17, Syntype.
CM23591. *Ostrea gravitesta* Yokoyama, p.388, pl.45, fig.1a-c, Syntype.
CM23592. *Ostrea gravitesta* Yokoyama, p.388, pl.45, fig.2a-c, Syntype.

The following specimens, though not illustrated, were also treated in this paper.

Cylichna andenica Yokoyama: CM23561, Syntype.

Turbonilla (Mormula) chitaniana Yokoyama: CM23568, Syntype

Pandora pulchella Yokoyama: CM23578, Syntype

Pecten murayamai Yokoyama: CM23582, CM23583, Syntypes

Pecten kurosawensis Yokoyama: CM23585, Syntype

Pecten akitanus Yokoyama: CM23589, CM23590, Syntypes

Ostrea gravitesta Yokoyama: CM23593, Syntype

Ringicula musashinoensis Yokoyama: CM27180

Terebra lischkeana Dunker: CM27181

Mangilia deshayesii Dunker: CM27182

Genotia pseudopannus Yokoyama: CM27183

Olivella fortunei (A. Adams): CM27184

Voluta megaspira Sowerby: CM27185

Fusus coreanicus Smith: CM27186

Siphonalia cassidaraeformis (Reeve): CM27187

Siphonalia stearnsii Pilsbry: CM27188

Buccinum leucostoma Lischke: CM27189, CM27272

Volutharpa perryi (Jay): CM27190

Columbella burchardi Dunker: CM27191

Thylacodes medusae Pilsbry: CM27192

Yokoyama, M. (1926j): continued

Turritella kiiensis Yokoyama: CM27193
Crepidula grandis Middendorff: CM27194
Natica janthostoma Deshayes: CM27195, CM27246
Polinices ampla Philippi: CM27196
Leptothyra purpurescens (Dunker): CM27197
Puncturella nobilis (A. Adams): CM27198
Emarginula vadososinuata Yokoyama: CM27199
Acmaea schrencki Lischke: CM27200
Helcioniscus pallidus (Gould): CM27201
Siphonodentalium ozawai Yokoyama: CM27202
Corbula venusta Gould: CM27203
Mactra dunkeri Yokoyama: CM27204
Spisula grayana Schrenck: CM27205, CM27249
Solen krusensternii Schrenck: CM27206
Psammobia kazusensis Yokoyama: CM27207
Siliqua pulchella (Dunker): CM27208
Tellina miyatensis Yokoyama: CM27209
Tellina alternata Say var. *chibana* Yokoyama: CM27210
Macoma nipponica (Tokunaga): CM27211
Macoma inquinata (Deshayes): CM27212
Macoma secta (Conrad): CM27213
Dosinia troscheli Lischke: CM27214
Meretrix (Callista) chinensis (Chemnitz): CM27215
Venus (Mercenaria) stimpsoni (Gould): CM27216, CM27250
Saxidomus purpuratus Sowerby: CM27217
Cardium californiense Deshayes: CM27218
Genotia ogurana Yokoyama: CM27245
Diplodonta usta Gould: CM27219, CM27220, CM27256
Diplodonta gouldi Yokoyama: CM27221
Lucina (Phacoides) borealis (Linné): CM27222, CM27277
Astarte hakodatensis Yokoyama: CM27223
Astarte sulcata Dacosta: CM27224, CM27259
Venericardia cipangoana Yokoyama: CM27225

Yokoyama, M. (1926j): continued

Venericardia ferruginea (Adams): CM27226, CM27260, CM27283

Crassatella oblongata Yokoyama: CM27227

Myodora fluctuosa Gould: CM27228

Anomia lischkei Dautzenberg et Fischer: CM27229

Pecten laetus Gould: CM27230

Pecten yessoensis Jay: CM27231, CM27232, CM27233, CM27261

Pecten swiftii Bernardi: CM27234

Ostrea gigas Thunberg: CM27235

Arca inflata Reeve: CM27236, CM27263

Arca kobeltiana Pilsbry: CM27237

Arca decussata Sowerby: CM27238

Pectunculus yessoensis Sowerby: CM27239, CM27240, CM27264, CM27265

Pectunculus pilsbryi Yokoyama: CM27241

Limopsis crenata A. Adams: CM27242

Nucula insignis A. Adams: CM27243

Hemithyris psittacea Chemnitz var. *woodwardi* Adams: CB27244

Polinices pallidus Gould: CM27247

Umbonium suchiense Yokoyama: CM27248

Cardium muticum Reeve: CM27251, CM27281

Cardium nuttalii Conrad: CM27252, CM27253, CM27275, CM27282

Thyasira bisecta (Conrad): CM27254

Thyasira bisecta (Conrad) var. *nipponica* Yabe et Nomura: CM27255, CM27276

Astarte borealis Linné: CM27257, CM27258

Pecten heteroglyptus Yokoyama: CM27262

Pectunculus pilsbryi Dunker: CM27266

Parallelodon obliquatus Yokoyama: CM27262

Limopsis tokaiensis Yokoyama: CM27268, CM27269

Limopsis woodwardi A. Adams: CM27270

Nucula cobboldiae Sowerby: CM27271

Priene oregonensis (Redfield): CM27273

Natica sp.: CM27278

Calyptraea sp.: CM27279

Panope generosa (Gould): CM27283

Yokoyama, M. (1926j): continued

Lima sp.: CM27284

Arca sp.: CM27285

Yokoyama, M. (1927a): Mollusca from the upper Musashino of Tokyo and its Suburbs. *Jour. Fac Sci. Imp. Univ. Tokyo,* sec.2, vol.1, pt.10, pp.391-437, pls.46-50.

CM23599. *Actaeon tornatilis* (Linné) var. *nipponensis* Yamakawa, p.406, pl.46, fig.1, (missing)

CM23607. *Tornatina simplex* (A. Adams), p.406, pl.46, fig.2.

CM23608. *Tornatina fontinalis* Yokoyama, p.407, pl.46, fig.3, Holotype.

CM23614. *Volvula artiaperta* Yamakawa, p.407, pl.46, fig.4.

CM23625. *Philine japonica* Lischke, p.408, pl.46, fig.5.

CM23626. *Philine ornatissima* Yokoyama, p.408, pl.46, fig.6, Holotype.

CM23636. *Terebra textilis* Hinds, p.409, pl.46, fig.9.

CM23639. *Terebra edoensis* Yokoyama, p.409, pl.46, fig.8, Syntype.

CM23643. *Pleurotoma oxytropis* Sowerby, p.409, pl.46, fig.7.

CM23655. *Drillia fortilirata* Smith, p.401, pl.46, fig.20. (missing)

CM23670. *Mangilia tabatensis* (Tokunaga), p.410, pl.46, fig.11, (missing)

CM23672. *Mangilia parva* Tokunaga, p.411, pl.46, fig.12.

CM23674. *Mangilia gracilenta* (Reeve), p.411, pl.46, fig.13.

CM23683. *Fusus nodosoplicatus* Dunker, p.412, pl.46, fig.14.

CM23685. *Fusus nigrirostratus* Smith, p.412, pl.46, fig.21.

CM23726. *Columbella (Atilia) pumila* Dunker, p.412, pl.46, fig.10.

CM23735. *Triton nodiferus* Lamarck, p.413, pl.47, fig.25. (missing)

CM23741. *Cypraea (Trivia) oryza* Lamarck, p.413, pl.46, fig.22.

CW23754. *Vermetus defrenatus* Yokoyama, p.413, pl.46, fig.18, Syntype.

CW23755. *Vermetus defrenatus* Yokoyama, p.413, pl.46, fig.19, Syntype.

CM23758. *Vermetus ebaranus* Yokoyama, p.414, pl.46, fig.15, Syntype.

CM23759. *Vermetus ebaranus* Yokoyama, p.414, pl.46, fig.16, Syntype.

CM23760. *Vermetus ebaranus* Yokoyama, p.414, pl.46, fig.17, Syntype.

CM23762. *Litiopa simplex* Yokoyama, p.414, pl.46, fig.36, Syntype. (missing)

CM23764. *Diala semistriata* (Philippi), p.414, pl.46, fig.24.

Yokoyama, M. (1927a): continued

CM23766. *Rissoa (Cingula) paludinoides* Yokoyama, p.415, pl.46, fig.23, Syntype. (missing)

CM23768. *Rissoa yendoi* Yokoyama, p.415, pl.46, fig.27, Holotype.

CM23769. *Rissoina (?) pagodula* Yokoyama, p.415, pl.46, fig.28, Holotype.

CM23774. *Fenella tokunagai* Yokoyama, p.416, pl.46. fig.25, Syntype. (missing)

CM23795. *Scala pulcherrima* (Sowerby), p.416, pl.47, fig.5.

CM23794. *Scala lyra* (Sowerby), p.417, pl.47, fig.2. (missing)

CM23797. *Scala replicata* (Sowerby), p.417, pl.47, fig.1.

CM23798. *Scala (Acrila) ojiensis* Yokoyama, p.417, pl.47, fig.3, Syntype. (missing)

CM23800. *Scala rissoinaeformis* Yokoyama, p.418, pl.47, fig.4, Syntype.

CM23802. *Eulima (Leiostraca) shibana* Yokoyama, p.418, pl.47, fig.8, Syntype.

CM23813. *Pyramidella (Tiberia) ebarana* Yokoyama, p.418, pl.47, fig.6, Holotype.

CM23816. *Pyramidella (Syrnola) toshimana* Yokoyama, p.419, pl.47, fig.9, Syntype.

CM23818. *Pyramidella (Syrnola ?) inturbida* Yokoyama, p.419, pl.47, fig.7, Syntype.

CM23831. *Odostomia (Odostomia) fujitanii* Yokoyama, p.419, pl.47, fig.15, Syntype.

CM23833. *Odostomia (Odostomia) optata* Yokoyama, p.420, pl.47, fig.11, Holotype.

CM23836. *Odostomia (Egilina) affectuosa* Yokoyama, p.420, pl.47, fig.10, Holotype.

CM23838. *Odostomia (Odetta) lectissimoides* Yokoyama, p.421, pl.47, fig.12, Syntype.

CM23840. *Odostomia (Iolaea) amicalis* Yokoyama, p.421, pl.47, fig.18, Syntype.

CM23842. *Odostomia (Menestho) nishiana* Yokoyama, p.421, pl.47, fig.14, Holotype.

CM23843. *Odostomia (Besla) bicinctella* Yokoyama, p.422, pl.47, fig.17, Syntype.

CM23845. *Odostomia (Besla) shibana* Yokoyama, p.422, pl.47, fig.13, Syntype.

CM23848. *Turbonilla (Chemnitzia) dunkeri* Clessin, p.423, pl.47, fig.21. (missing)

Yokoyama, M. (1927a): continued

CM23850. *Turbonilla (Chemnitzia) multigyrata* Dunker, p.423, pl.47, fig. 20.

CM23852. *Turbonilla (Chemnitzia) keiskeana* Yokoyama, p.423, pl.47, fig.19, Holotype.

CM23853. *Turbonilla (Chemnitzia) edoensis* Yokoyama, p.424, pl.47, fig.24. Holotype.

CM23856. *Turbonilla (Mormula) semicolorata* Yokoyama, p.424, pl.47, fig.22. Syntype.

CM23862. *Turbonilla (Ptycheulimella ?) kurumana* Yokoyama, p.424, pl.47, fig.16, Holotype.

CM23863. *Turbonilla (Pyrgolampros) subplanicostata* Yokoyama, p.425, pl.47, fig.23, Syntype.

CM23865. *Turbonilla (Pyrgisculus) shigeyasui* Yokoyama, p.425, pl.47, fig.26, Syntype. (missing)

CM23875. *Enida japonica* A. Adams, p.426, pl.48, fig.1.

CM23877. *Monilea ojiensis* Yokoyama, p.426, pl.47, fig.27, Holotype.

CM23899. *Cyclostrema lamellata* Yokoyama, p.426, pl.48, fig.5, Syntype.

CM23892. *Helcioniscus toreuma* (Reeve), p.427, pl.48, fig.4. (missing)

CM23901. *Dentalium semipolitum* Broderip et Sowerby, p.427, pl.48, fig.7.

CM23906. *Dentalium yamakawai* Yokoyama, p.427, pl.48, fig.6, Syntype. (missing)

CM23909. *Martesia striata* (Linné) var. *tokyoensis* Yokoyama, p.428, pl.48, fig.2, Syntype.

CM23910. *Martesia striata* (Linné) var. *tokyoensis* Yokoyama, p.428, pl.48, fig.3, Syntype.

CM23925. *Cardilia semisulcata* (Lamarck), p.428, pl.48, fig.16.

CM23944. *Lutraria sieboldtii* Deshayes, p.429, pl.49, fig.8.

CM23945. *Lutraria sieboldtii* Deshayes, p.429, pl.49, fig.9.

CM23957. *Theora lubrica* Gould, p.429, pl.48, fig.11.

CM23958. *Theora lubrica* Gould, p.429, pl.48, fig.12.

CM24001. *Meretrix gordonis* Yokoyama, p.429, pl.48, fig.13, Syntype. (missing)

CM24002. *Meretrix gordonis* Yokoyama, p.429, pl.48, fig.14, Syntype.

CM24007. *Venus rigida* Gould, p.430, pl.50, fig.3.

CM24008. *Venus rigida* Gould, p.430, pl.50, fig.4.

CM24040. *Cardium ebaranum* Yokoyama, p.430, pl.48, fig.15, Syntype.

CM24042. *Kellia subelliptica* Yokoyama, p.431, pl.48, fig.9, Syntype. (missing)

Yokoyama, M. (1927a): continued

CM24043. *Kellia subelliptica* Yokoyama, p.431, pl.48, fig.10, Syntype.

CM24045. *Kellia fujitaniana* Yokoyama, p.431, pl.48, fig.17, Syntype. (missing)

CM24046. *Kellia fujitaniana* Yokoyama, p.431, pl.48, fig.18, Syntype. (missing)

CM24048. *Kellia pumila* S. Wood, p.431, pl.49, fig.1.

CM24049. *Kellia pumila* S. Wood, p.431, pl.49, fig.2.

CM24050. *Kellia (?) ojiana* Yokoyama, p.432, pl.50, fig.7, Syntype. (missing)

CM24051. *Kellia (?) ojiana* Yokoyama, p.432, pl.50, fig.8, Syntype. (missing)

CM24059. *Montacuta subtruncata* Yokoyama, p.432, pl.48, fig.8, Holotype.

CM24060. *Montacuta (?) crassa* Yokoyama, p.432, pl.49, fig.4, Syntype.

CM24061. *Montacuta (?) crassa* Yokoyama, p.432, pl.49, fig.5, Syntype.

CM24063. *Thyasira gouldii* (Philippi), p.433, pl.50, fig.9.

CM24069. *Diplodonta lunaris* Yokoyama, p.433, pl.50, fig.5, Syntype.

CM24070. *Diplotonta lunaris* Yokoyama, p.433, pl.50, fig.6, Syntype.

CM24080. *Loripes philippiana* (Reeve), p.434, pl.50, fig.1.

CM24081. *Loripes philippiana* (Reeve), p.434, pl.50, fig.2.

CM24088. *Crassatella nana* Adams et Reeve, p.434, pl.49, fig.11, (missing)

CM24096. *Cuspidaria (Cardiomya) gouldiana* Hinds, p.434, pl.49, fig.7.

CM24107. *Modiola senhausii* Reeve, p.435, pl.49, fig.6. (missing)

CM24111. *Crenella spectabilis* A. Adams, p.435, pl.49, fig.3.

CM24172. *Solemya yamakawai* Yokoyama, p.435, pl.50, fig.10, Syntype.

CB24176. *Lingula hians* Swainson, p.436, pl.49, fig.10. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Actaeon tornatilis var. *nipponensis* Yamakawa: CM23600, CM23601

Leucotina gigantea (Dunker): CM23602, CM23603

Tornatina exilis Dunker: CM23604, CM23605, CM23606

Tornatina longispirata Yamakawa: CM23609

Retusa globosa Yamakawa: CM23610, CM23611

Retusa minima Yamakawa: CM23612, CM23613

Volvula acuminata (Bruguière): CM23615, CM23616

Yokoyama, M. (1927a): continued

Cylichna musashiensis Tokunaga: CM23617, CM23618, CM23619, CM23620 (missing)

Cylichna sibaensis Yamakawa: CM23621, CM23622

Cylichna yamakawai Yokoyama: CM23623

Philine scalpta A. Adams: CM23624

Bulla ovula Sowerby: CM23627

Ringicula musashinoensis Yokoyama: CM23628, CM23629, CM23630, CM23631, CM23632

Terebra lischkeana Dunker: CM23633, CM23634

Terebra hedleyi Pilsbry: CM23635

Terebra textilis Hinds: CM23637 (missing)

Terebra naumanni Yokoyama: CM23638

Terebra edoensis Yokoyama: CM23640

Pleurotoma vertebrata Smith: CM23641, CM23642 (missing)

Pleurotoma oxytropis Sowerby: CM23644

Genotia luedorfi (Lischke): CM23645

Drillia principalis Pilsbry: CM23646, CM23647, CM23648

Drillia subauriformis Smith: CM23649, CM23650, CM23651

Drillia nivalioides Yokoyama: CM23652, CM23653

Drillia braunsi Yokoyama: CM23654

Drillia fortilirata Smith: CM23656, CM23657 (missing), CM23658, CM23659

Mangilia deshayesii Dunker: CM23660, CM23661, CM23662

Mangilia rugosolabiata Yokoyama: CM23663, CM23664

Mangilia ojiensis Tokunaga: CM23665, CM23666

Mangilia oyuana Yokoyama: CM23667, CM23668 (missing)

Mangilia tabatensis (Tokunaga): CM23669 (missing), CM23671

Mangilia parva Tokunaga: CM23673

Mangilia gracilenta (Reeve): CM23675

Cancellaria spengleriana Deshayes: CM23676, CM23677, CM23678

Cancellaria nodulifera Sowerby: CM23679

Olivella fortunei A. Adams: CM23680

Olivella spretoides Yokoyama: CM23681

Fusus coreanicus Smith: CM23682

Fusus nodosoplicatus Dunker: CM23684

Yokoyama, M. (1927a): continued

Fusus nigrirostratus Smith: CM23686 (missing)

Hemifusus ternatanus (Gmelin): CM23687

Chrysodomus arthriticus (Valentine): CM23688 (missing), CM23689

Sipho obesiformis Yokoyama: CM23690

Siphonalia cassidariaeformis (Reeve): CM23691

Siphonalia trochulus (Reeve): CM23692, CM23693, CM23694

Siphonalia spadicea (Reeve): CM23695

Volutharpa perryi (Jay): CM23696, CM23697, CM23698

Eburna japonica Reeve: CM23699, CM23700, CM23701

Nassa (Hima) japonica A. Adams: CM23702, CM23703, CM23704, CM23705, CM23706

Nassa (Hima) festiva Powis: CM23707 (missing), CM23708, CM23709, CM23710, CM23711.

Nassa (Hima) fraterculus Dunker: CM23712

Nassa (Niotha) livescens Philippi: CM23713, CM23714

Columbella (Mitrella) dunkeri Tryon: CM23715, CM23716, CM23717, CM23718, CM23719

Columbella (Atilia) masakadoi Yokoyama: CM23720, CM23721

Columbella (Atilia) martensi Lischke: CM23722, CM23723

Columbella (Atilia) smithi Yokoyama: CM23724, CM23725

Columbella (Atilia) pumila Dunker: CM23723

Trophon subclavatus Yokoyama: CM23728

Ocinebra falcata (Sowerby): CM23729

Urosalpinx birileffii Lischke: CM23730 (missing)

Rapana bezoar (Linné) var. *thomasiana* Crosse: CM23731, CM23732, CM23733

Purpura alveolata Reeve: CM23734

Triton tenuiliratus Lischke: CM23736

Cassis strigata (Gmelin): CM23737, CM23738

Dolium luteostomum Küster: CM23739, CM23740

Erato callosa Adams et Reeve: CM23742

Cerithium kochi Philippi: CM23743

Bittium binodulosum Yokoyama: CM23744, CM23745

Potamides (Tympanotonos) fluviatilis (Potiez et Michaud): CM23746, CM23747

Potamides (Batillaria) zonalis Bruguière: CM23748, CM23749, CM23750

Yokoyama, M. (1927a): continued

Potamides (Batillaria) multiformis (Lischke): CM23751

Trichotropis unicarinata Broderip et Sowerby: CM23752, CM23753

Vermetus defrenatus Yokoyama: CW23756, CW23757, Syntypes

Vermetus ebaranus Yokoyama: CM23761, Syntype

Litiopa simplex Yokoyama: CM23763 (missing), Syntype

Rissoa (Cingula) paludinoides Yokoyama: CM23765 (missing), CM23767 (missing), Syntypes

Fenella septentrionalis Tokunaga: CM23770, CM23771, CM23772

Fenella orientalis Yokoyama: CM23773 (missing)

Fenella tokunagai Yokoyama: CM23775, CM23776, Syntypes

Skenea nipponica Yokoyama: CM23777, CM23778, CM23779 (missing)

Natica janthostoma Deshayes: CM23780, CM23782, CM23783, CM23784

Polinices (Neverita) ampla (Philippi): CM23785, CM23786, CM23787, CM23788, CM23789

Sigaretus papilla Gmelin: CM23790, CM23791, CM23792

Scala aurita (Sowerby): CM23793

Scala azumana (Yokoyama): CM23794

Scala (Acrila) ojiensis Yokoyama: CM23799 (missing), Syntype

Scala rissoinaeformis Yokoyama: CM23801, Syntype

Eulima (Leiostraca) shibana Yokoyama: CM23803 (missing), Syntype

Pyramidella (Actaeopyramis) eximia (Lischke): CM23804

Pyramidella (Agatha) virgo (Adams) var. *brevis* Yokoyama: CM23805, CM23806, CM23807 (missing), CM23808, CM23809

Pyramidella (Tiberia) pulchella (Adams): CM23810, CM23811, CM23812

Pyramidella (Iphiana) mira Yokoyama: CM23814, CM23815

Pyramidella (Syrnola) toshimana Yokoyama: CM23817, Syntype

Pyramidella (Syrnola ?) inturbida Yokoyama: CM23819, Syntype

Odostomia (Odostomia) hilgendorffi Clessin: CM23820, CM23821, CM23822, CM23823

Odostomia (Odostomia) sublimpida Yokoyama: CM23824, CM23825

Odostomia (Odostomia) venusta Yokoyama: CM23826

Odostomia (Odostomia) gordonis Yokoyama: CM23827

Odostomia (Odostomia) desimana Dall et Bartsch: CM23828, CM23829

Odostomia (Odostomia) shimosensis Yokoyama: CM23830 (missing)

Yokoyama, M. (1927a): continued

Odostomia (Odostomia) fujitanii Yokoyama: CM23832, Syntype

Odostomia (Parthenina) takinogawensis Tokunaga: CM23834, CM23835

Odostomia (Egilina) marielloides Yokoyama: CM23837

Odostomia (Odetta) lectissimoides Yokoyama: CM23839, Syntype

Odostomia (Iolaea) amicalis Yokoyama: CM23841, Syntype

Odostomia (Besla) bicinctella Yokoyama: CM23844, Syntype

Odostomia (Besla) shibana Yokoyama: CM23846, Syntype

Turbonilla (Chemnitzia) imbana Yokoyama: CM23847

Turbonilla (Chemnitzia) dunkeri Clessin: CM23849

Turbonilla (Chemnitzia) multigyrata Dunker: CM23851

Turbonilla (Mormula) paucicostulata Tokunaga: CM23854

Turbonilla (Mormula) scrobiculata Yokoyama: CM23855

Turbonilla (Mormula) semicolorata Yokoyama: CM23857, Syntype

Turbonilla (Congulina) triarata Pilsbry: CM23858

Turbonilla (Careliopsis) obscura Yokoyama: CM23859, CM23860 (missing)

Turbonilla (Ptycheulimella) misella Yokoyama: CM23861

Turbonilla (Pyrgolampros) subplanicostata Yokoyama: CM23864, Syntype

Turbonilla (Pyrgisculus) shigeyasui Yokoyama: CM23866 (missing), Syntype

Turbonilla (Strioturbonilla) sagamiana Yokoyama: CM23867

Turbo (Marmorostoma) granulatus Gmelin: CM23868

Leptothyra purpurescens (Dunker): CM23869, CM23870, CM23871, CM23872

Leptothyra pygmaea Yokoyama: CM23873

Chlorostoma umbilicata [error of *umbilicatum*] (Lischke): CM23874

Enida japonica A. Adams: CM23876

Solariella angulata (Tokunaga): CM23878, CM23879

Solariella philippensis Watson: CM23880

Bembix crumpii (Pilsbry): CM23881

Turcica imperialis A. Adams: CM23882

Calliostoma unicum (Dunker) var. *shinagawensis* Tokunaga: CM23883, CM23884 (missing)

Umbonium costatum (Valenciennes): CM23885, CM23886, CM23887

Umbonium giganteum (Lesson): CM23888

Cyclostrema lamellata Yokoyama: CM23890

Macroschisma sinensis Adams var. *brevis* Yokoyama: CM23891 (missing)

Yokoyama, M. (1927a): continued

Helcioniscus toreuma (Reeve): CM23893

Dentalium weinkauffi Dunker: CM23894, CM23895

Dentalium octogonum Lamarck: CM23896, CM23897, CM23898

Dentalium edoense Tokunaga: CW23899, CW23900

Dentalium semipolitum Broderip et Sowerby: CM23902

Dentalium yamakawai Yokoyama: CM23903 (missing), CM23904, CM23905 (missing), CM23907 (missing), Syntypes

Pholas fragilis Sowerby: CM23908

Martesia striata (Linné) var. *tokyoensis* Yokoyama: CM23911, Syntype

Panope generosa (Gould): CM23912, CM23913, CM23914

Corbula venusta Gould: CM23915, CM23916 (missing)

Corbula pustulosa Yokoyama: CM23917, CM23918

Basterotia trapezium Yokoyama: CM23919

Cryptomya busoensis Yokoyama: CM23921, CM23922, CM23923

Mya arenaria Linné: CM23924

Mactra sulcataria Deshayes: CM23926, CM23927, CM23928, CM23929

Mactra sachalinensis Schrenck: CM23930, CM23931

Mactra ovalina Lamarck: CM23932, CM23933

Mactra dunkeri Yokoyama: CM23934, CM23935

Mactra crossei Dunker: CM23936

Raeta yokohamensis Pilsbry: CM23937, CM23938, CM23939

Raeta magnifica Yokoyama: CM23940

Tresus nuttali (Conrad): CM23941, CM23942, CM23943

Lutraria sieboldtii Deshayes: CM23946

Solen krusensternii Schrenck: CM23947, CM23948, CM23949, CM23950

Solen gouldii Conrad: CM23951

Siliqua pulchella Dunker: CM23952

Solecurtus divaricatus (Lischke): CM23953, CM23954, CM23955

Donax semigranosus Dunker: CM23956

Theora lubrica Gould: CM23959

Tellina jedoensis Lischke: CM23960, CM23961, CM23962

Tellina venulosa Schrenck: CM23963

Tellina nitidula Dunker: CM23964, CM23965, CM23966, CM23967

Yokoyama, M. (1927a): continued

Tellina iridella Martens: CM23968, CM23969, CM23970

Tellina ojiensis Tokunaga: CM23971

Tellina vestalioides Yokoyama: CM23972

Tellina serricostata Tokunaga: CM23973, CM23974

Tellina miyatensis Yokoyama: CM23975, CM23976

Tellina delta Yokoyama: CM23977, CM23978, CM23979

Macoma praetexta (Martens): CM23980 (missing), CM23981

Macoma dissimilis (Martens): CM23982, CM23983, CM23984 (missing)

Macoma nipponica (Tokungaa): CM23985, CM23986

Dosinia troscheli Lischke: CM23987 (missing), CM23988, CM23989 (missing) CM23990, CM23991

Dosinia angulosa Philippi: CM23992

Cyclina chinensis (Chemnitz): CM23993

Lucinopsis divaricata Lischke: CM23994

Meretrix meretrix (Linné): CM23995

Meretrix (Callista) chinensis (Chemnitz): CM23996, CM23997, CM23998, CM-23999

Meretrix limatula (Sowerby): CM24000

Meretrix gordonis Yokoyama: CM24003 (missing), CM24004, Syntypes

Venus (Mercenaria) stimpsoni Gould: CM24005, CM24006

Venus rigida Gould: CM24009

Chione isabellina (Philippi): CM24010, CM24011, CM24012, CM24013

Circe scripta (Linné): CM24014

Tapes variegatus Hanley: CM24015, CM24016 (missing)

Tapes philippinarum Adams et Reeve: CM24017, CM24018, CM24019, CM24020

Tapes euglyptus Philippi: CM24021, CM24022

Saxidomus purpuratus (Sowerby): CM24023, CM24024, CM24025 (missing), CM24026

Cardium californiense Deshayes: CM24027, CM24028, CM24029 (missing), CM24030, CM24031

Cardium muticum Reeve: CM24032, CM24033, CM24034

Cardium braunsi Tokunaga: CM24035, CM24036 (missing), CM24037

Cardium tokunagai Yokoyama: CM24038, CM24039

Cardium ebaranum Yokoyama: CM24041, Syntype

Kellia subelliptica Yokoyama: CM24044 (missing), Syntype

Yokoyama, M. (1927a): continued

Kellia fujitaniana Yokoyama: CM24047 (missing), Syntype

Kellia (?) ojiana Yokoyama: CM24052, Syntype

Montacuta oblongata Yokoyama: CM24053, CM24054, CM24055, CM24056

Montacuta japonica Yokoyama: CM24057, CM24058

Montacuta (?) crassa Yokoyama: CM24062, Syntype

Diplodonta usta Gould: CM24064, CM24065

Diplodonta semiaspera Philippi: CM24066, CM24067

Diplodonta lunaris Yokoyama: CM24068, CM24071 (missing), Syntypes

Lucina (Phacoides) borealis Linné: CM24072, CM24073, CM24074, CM24075

Lucina contraria Dunker: CM24076, CM24077, CM24078

Lucina pisidium Dunker: CM24079

Loripes philippiana (Reeve): CM24082

Venericardia ferruginea A. Adams: CM24083 (missing), CM24084 (missing), CM24085 (missing)

Venericardia toneana Yokoyama: CM24086, CM24087

Crassatella nana Adams et Reeve: CM24089

Crassatella oblongata Yokoyama: CM24090

Corbicula sandaiformis Yokoyama: CM24091

Trapezium nipponicum Yokoyama: CM24092 (missing), CM24093, CM24094, CM24095

Myodora fluctuosa Gould: CM24097, CM24098, CM24099, CM24100 (missing), CM24101 (missing)

Thracia transmontana Yokoyama: CM24102, CM24103

Modiola barbata (Linné): CM24104, CM24105, CM24106

Crenella divaricata Yokoyama: CM24108, CM24109, CM24110

Crenella spectabilis A. Adams: CM24112

Anomia lischkei Dautzenberg and Fischer: CM24113, CM24114, CM24115, CM-24116

Lima angulata Sowerby: CM24117, CM24118

Lima subauriculata (Montagu): CM24119, CM24120

Pecten squamatus (Gmelin): CM24121

Pecten laetus Gould: CM24122

Pecten tokyoensis Tokunaga: CM24123, CM24124, CM24125

Pecten laqueatus Sowerby: CM24126, CM24127, CM24128

Pecten excavatus Hanley: CM24129, CM24130, CM24131, CM24132

Ostrea gigas Thunberg: CM24133, CM24134, CM24135

Yokoyama, M. (1927a): continued

Ostrea denselamellosa Lischke: CM24136, CM24137, CM24138

Ostrea irregularis Tokunaga: CM24139, CM24140, CM24141, CM24142

Pinna japonica Hanley: CM24143, CM24144 (missing)

Arca granosa Linné: CM24145

Arca kobeltiana Pilsbry: CM24146

Arca subcrenata Lischke: CM24147, CM24148, CM24149, CM24150 (missing)

Arca inflata Reeve: CM24151, CM24152

Pectunculus yessoensis Sowerby: CM24153, CM24154

Pectunculus vestitus Dunker: CM24155, CM24156, CM24157, CM24158 (missing)

Pectunculus albolineatus Lischke: CM24159

Limopsis woodwardi A. Adams: CM24160, CM24161, CM24162

Leda confusa Hanley: CM24163 (missing), CM24164 (missing), CM24165 (missing)

Yoldia notabilis Yokoyama: CM24166 (missing), CM24167

Nucula insignis A. Adams: CM24168, CM24169

Nucula mirabilis Adams et Reeve: CM24170 (missing)

Solemya dunkeri Yokoyama: CM24171

Solemya yamakawai Yokoyama: CM24173 (missing), Syntype

Eudesia grayi (Davidson): CB24175

Yokoyama, M. (1927b): Mollusca from the upper Musashino of western Shimosa and southern Musashi. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.1, pt.10, pp.439-457, pls.51-52.

CM24187. *Tornatina koyasensis* Yokoyama, p.448, pl.51, fig.1, Holotype

CM24188. *Tornatina dulcis* Yokoyama, p.449, pl.51, fig.2, Holotype.

CM24190. *Retusa gordonis* Yokoyama, p.449, pl.51, fig.3, Holotype.

CM24191. *Retusa cucurbitina* Yokoyama, p.449, pl.51, fig.4, Holotype.

CM24282. *Cerithiopsis pontilis* Yokoyama, p.450, pl.51, fig.7, Syntype.

CW24286. *Vermetus perplanorbis* Yokoyama, p.450, pl.51, fig.14, Holotype.

CM24287. *Littorina adonis* Yokoyama, p.451, pl.51, fig.18, Holotype.

CM24288. *Littorina lucida* Yokoyama, p.451, pl.51, fig.9, Holotype. (missing)

CM24291. *Rissoa (Cingula) ichikawensis* Yokoyama, p.451, pl.51, fig.5, Syntype. (missing)

Yokoyama, M. (1927b): continued

CM24293. *Rissoa (Amphithalamus) edogowensis* [error of *edogawensis*] Yokoyama, p.452, pl.51, fig.13, Holotype. (missing)

CM24301. *Fenella perpupoides* Yokoyama, p.452, pl.51, fig.11, Syntype. Syntype. (missing)

CM24302. *Fenella perpupoides* Yokoyama, p.452, pl.51, fig.12, Syntype.

CM24320. *Eulima (Subularia) ozawai* Yokoyama, p.452, pl.51, fig.15, Syntype.

CM24330 *Odostomia (Heida) rusticella* Yokoyama, p.453, pl.51, fig.10, Holotype.

CM24331. *Turbonilla (Cingulina) cingulata* Dunker, p.453, pl.51, fig.6.

CM24336. *Turbonilla (Careliopsis) filiola* Yokoyama, p.453, pl.51, fig.16, Holotype.

CM24356. *Pholas cupula* Yokoyama, p.454, pl.52, fig.1.

CM24357. *Teredo* sp., p.454, pl.52, fig.2. (missing)

CM23367. *Cryptomya tachibanensis* Yokoyama, p.454, pl.52, fig.5, Syntype.

CM24380. *Solen gouldii* Conrad, p.455, pl.51, fig.17.

CM24383. *Donax paululus* Yokoyama, p.455, pl.52, fig.6, Holotype. (missing)

CM24394. *Tellina pallidula* Lischke, p.456, pl.52, fig.8.

CM24427. *Chione crenifera* (Sowerby), p.456, pl.52, fig.9.

CM24428. *Chione crenifera* (Sowerby), p.456, pl.52, fig.10.

CM24435. *Gomphina melanaegis* Roemer, p.457, pl.52, fig.12.

CM24452. *Thyasira bisecta* (Conrad), p.457, pl.52, fig.11.

CM24453. *Thyasira gouldii* (Philippi), p.457, pl.52, fig.3.

CM24513. *Tellina pallidula* Lischke, p.456, pl.52, fig.7. (missing)

CM24514. *Thyasira gouldii* (Philippi), p.457, pl.52, fig.4.

The following specimens, though not illustrated, were also treated in this Paper.

Solidula strigosa (Gould): CM24182

Tornatina exilis Dunker: CM24183, CM24184

Tornatina simplex Dunker: CM24185

Tornatina longispirata Yokoyama: CM24186

Retusa globosa Yokoyama: CM24189

Cylichna musashiensis Tokunaga: CM24192

Cylichna yamakawai Yokoyama: CM24193, CM24194

Philine scalpta Adams: CM24195

Yokoyama, M. (1927b): continued

Ringicula musashinoensis Yokoyama: CM24196 (missing), CM24197, CM24198, CM24199, CM24200, CM24201

Terebra edoensis Yokoyama: CM24202

Pleurotoma vertebrata Smith: CM24203 (missing), CM24204 (missing), CM24205

Drillia principalis Pilsbry: CM24206, CM24207, CM24208, CM24209

Drillia nivalioides Yokoyama: CM24210

Mangilia deshayesii Dunker: CM24211

Mangilia fukuchiana Yokoyama: CM24212

Cancellaria spengleriana Deshayes: CM24213, CM24214, CM24215, CM24216

Olivella fortunei (Adams): CM24217, CM24218

Siphonalia spadicea (Reeve): CM24219

Siphonalia trochulus (Reeve): CM24220

Eburna japonica Reeve: CM24221, CM24222, CM24223, CM24224

Nassa (Hima) japonica Adams: CM24225, CM24226 (missing), CM24227 (missing) CM24228, CM24229, CM24230

Nassa (Hima) festiva Powys: CM24231 (missing), CM24232, CM24233, CM24234, CM24235, CM24236 (missing), CM24237

Nassa (Niotha) livescens Philippi: CM24238, CM24239, CM24240, CM24241

Columbella (Mitrella) dunkeri Tryon: CM24242, CM24243, CM24244, CM24245

Columbella (Atilia) martensi Lischke: CM24246

Columbella (Atilia) smithi Yokoyama: CM24247

Columbella (Atilia) pumila Dunker: CM24248, CM24249, CM24250

Ocinebra contracta (Reeve): CM24251

Rapana bezoar Linné var. *thomasiana* Crosse: CM24252 (missing), CM24253 (missing), CM24254, CM24255, CM24256

Purpura alveolata Reeve: CM24257

Dolium luteostomum Küster: CM24258 (missing), CM24259, CM24260, CM24261

Erato callosa Adams et Reeve: CM24262

Strombus japonicus Reeve: CM24263 (missing)

Bittium binodulosum Yokoyama: CM24264, CM24265

Cerithium (Clava) kochi Philippi: CM24266, CM24267, CM24268, CM24269

Potamides (Batillaria) zonalis Bruguière: CM24270, CM24271, CM24272, CM-24273, CM24274

Potamides (Batillaria) multiformis (Lischke): CM24275, CM24276, CM24277

Potamides (Tympanotonos) fluviatilis (Potiez and Michaud): CM24278, CM-24279, CM24280 (missing), CM24281

Yokoyama, M. (1927b): continued

Cerithiopsis pontilis Yokoyama: CM24283, Syntype

Thylacodes medusae Pilsbry: CM24284

Litiopa simplex Yokoyama: CM24289

Rissoa (Cingula) paludinoides Yokoyama: CM24290

Rissoa (Cingula) ichikawensis Yokoyama: CM24292 (missing), Syntype

Fenella septentrionalis Tokunaga: CM24294, CM24295, CM24296, CM24297, (missing), CM24298

Fenella tokunagai Yokoyama: CM24299, CM24300

Calyptraea mammilaris (Broderip): CM24303

Natica janthostoma Deshayes: CM24304, CM24305

Polinices (Neverita) ampla (Philippi): CM24306, CM24307, CM24308, CM24309, CM24310, CM24311

Sigaretus (Eunaticina) papilla (Gmelin): CM24312, CM24313

Scala picturata Yokoyama: CM24314 (missing)

Scala conjuncta Yokoyama: CM24315

Scala densicostata Yokoyama: CM24316

Eulima (Leiostraca) sagamiana Yokoyama: CM24317

Eulima (Leiostraca) tokunagai Yokoyama: CM24318

Eulima (Leiostraca) krishna Yokoyama: CM24319

Pyramidella (Actaeopyramis) eximia (Lischke): CM24321, CM24322

Pyramidella (Agatha) virgo (Adams) var. *brevis* Yokoyama: CM24323, CM24324

Pyramidella (Tiberia) pulchella (Adams): CM24325

Pyramidella (Iphiana) mira Yokoyama: CM24326

Odostomia (Odostomia) limpida Dall et Bartsch: CM24327

Odostomia (Odostomia) sublimpida Yokoyama: CM24328

Odostomia (Odostomia) desimana Dall et Bartsch: CM24329

Turbonilla (Cingulina) cingulata Dunker: CM24332

Turbonilla (Cingulina) triarata Pilsbry: CM24333

Turbonilla (Pyrgisculus) shigeyasui Yokoyama: CM24334, CM24335

Turbo (Marmorostoma) granulataus Gmelin: CM24337

Leptothyra purpurescens (Dunker): CM24338, CM24339, CM24340 (missing)

Calliostoma unicum (Dunker) var. *shinagawense* Yokoyama: CM24341, CM24342, CM24343

Umbonium costatum (Valenciennes): CM24344, CM24345 (missing), CM24346, CM24347

Yokoyama, M. (1927b): continued

Umbonium giganteum (Lesson): CM24348

Dentalium octogonum Lamarck: CM24349, CM24350, CM24351

Dentalium semipolitum Sowerby: CM24352

Siphonodentalium ozawai Yokoyama: CM24353

Pholas fragilis Sowerby: CM24354, CM24355

Panope generosa (Gould): CM24358, CM24359

Corbula venusta Gould: CM24360, CM24361

Mya arenaria Linné: CM24362, CM24363

Cryptomya busoensis Yokoyama: CM24364, CM24365

Cryptomya tachibanensis Yokoyama: CM24366, Syntype

Mactra sulcataria Deshayes: CM24368, CM24369, CM24370, CM24371, CM24372

Mactra dunkeri Yokoyama: CM24373

Mactra ovalina Lamarck: CM24374

Mactra sachalinensis Schrenk var. *imperialis* Yokoyama: CM24375

Raeta yokohamensis Pilsbry: CM24376

Solen krusensternii Schrenck: CM24377, CM24378, CM24379

Solecurtus divaricatus (Lischke): CM24381, CM24382

Soletellina olivacea Joy: CM24384

Theora lubrica Gould: CM24385

Tellina venulosa Schrenck: CM24386

Tellina nitidula Dunker: CM24387, CM24388, CM24389, CM24390 (missing), CM24391

Tellina iridella Martens: CM24392

Tellina pallidula Lischke: CM24393

Tellina delta Yokoyama: CM24395, CM24396, CM24397

Tellina alternata Say var. *chibana* Yokoyama: CM24398

Tellina ojiensis Tokunaga: CM24399, CM24400 (missing)

Macoma dissimilis (Martens): CM24401, CM24402, CM24403, CM24404

Macoma nipponica (Tokunaga): CM24405 (missing)

Macoma praetexta (Martens): CM24406

Macoma secta (Conrad): CM24407

Dosinia troscheli Lischke: CM24408

Dosinia angulosa Philippi: CM24409, CM24410, CM24411

Cyclina chinensis (Chemnitz): CM24412, CM24413

Yokoyama, M. (1927b): continued

Meretrix meretrix (Linné): CM24414, CM24415, CM24416, CM24417

Meretrix (Callista) chinensis (Chemnitz): CM24418, CM24419, CM24420

Sunetta excavata (Hanley): CM24421, CM24422

Venus neastartoides Yokoyama: CM24423, CM24424

Venus jedoensis Lischke: CM24425

Chione isabellina (Philippi): CM24426

Tapes variegatus Hanley: CM24429, CM24430, CM24431

Tapes philippinarum Adams et Reeve: CM24432

Tapes undulatus Born: CM24433: CM24434

Saxidomus purpuratus Sowerby: CM24437

Cardium muticum Reeve: CM24438, CM24439, CM24440, CM24441, CM24442

Cardium braunsi Tokunaga: CM24443, CM24444, CM24445, CM24446, CM24447

Cardium tokunagai Yokoyama: CM24448, CM24449

Cardium burchardi Dunker: CM24450

Montacuta oblongata Yokoyama: CM24451

Diplodonta semispera Philippi: CM24454

Diplodonta japonica Pilsbry: CM24455

Diplodonta gouldi Yokoyama: CM24456

Diplotonta lunaris Yokoyama: CM24457

Diplodonta (?) crassidentata Yokoyama: CM24458

Lucina contraria Dunker: CM24459, CM24460, CM24461

Lucina pisidium Dunker: CM24462, CM24463, CM24464, CM24465, CM24466

Loripes philippiana (Reeve): CM24467

Venericardia cipangoana Yokoyama: CM24468

Astarte hakodatensis Yokoyama: CM24469

Corbicula sandaiformis Yokoyama: CM24470 (missing)

Trapezium liratum (Reeve): CM24471

Myodora fluctuosa Gould: CM24472

Thracia papyracea (Poli): CM24473, CM24474

Thracia transmontana Yokoyama: CM24475

Crenella spectabilis Adams: CM24476

Anomia lischkei Fischer et Dautzenberg: CM24477, CM24478, CM24479

Lima angulata Sowerby: CM24480

Pecten laetus Gould: CM24481, CM24482

Yokoyama, M. (1927b): continued

Pecten subplicatus Sowerby: CM24483

Pecten laqueatus Sowerby: CM24484, CM24485, CM24486

Pecten excavatus Hanley: CM24487 (missing)

Ostrea gigas Thunberg: CM24488, CM24489, CM24490

Ostrea denselamellosa Lischke: CM24491

Ostrea irregularis Tokunaga: CM24492, CM24493

Arca kobeltiana Pilsbry: CM24494, CM24495

Arca granosa Linné: CM24496, CM24497, CM24498, CM24499

Arca inflata Reeve: CM24500, CM24501, CM24502

Arca satowi Dunker: CM24503

Arca subcrenata Lischke: CM24504, CM24505, CM24506, CM24507

Pectunculus vestitus Dunker: CM24508, CM24509

Pectunculus yessoensis Sowerby: CM24510

Limopsis woodwardi Adams: CM24511

Leda confusa Hanley: CM24512 (missing)

Soletellina violacea Lamarck: CM24515

Chione crenifera (Sowerby): CM24516

Eulima (Subularia) ozawai Yokoyama: CM24517, Syntype

Mactra veneriformis Deshayes: CM24518, CM24519

Raeta elliptica Yokoyama: CM24520

Solen gouldi Conrad: CM24521

Yokoyama, M. (1927c): Fossil mollusca from Kaga. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.2, pt.4, pp.165-182, pls.47-49.

CM24761. *Leucotina dianae* A. Adams, p.171, pl.47, fig.1.

CM24793. *Bela kagana* Yokoyama, p.172, pl.47, fig.2, Syntype.

CM24797. *Raphitoma ozawai* Yokoyama, p.172, pl.47, fig.3, Syntype.

CM24798. *Raphitoma ozawai* Yokoyama, p.172, pl.47, fig.4, Syntype. (missing)

CM24808. *Mitra kobayashii* Yokoyama, p.173, pl.47, fig.5, Holotype.

CM24834. *Bittium binodulosum* Yokoyama, p.174, pl.47, fig.6. (missing)

CM24837. *Bittium venustellum* Yokoyama, p.175, pl.47, fig.7, Syntype. (missing)

CM24840. *Bittium (?) tuberculosum* Yokoyama, p.175, pl.47, fig.9, Syntype. (missing)

Yokoyama, M. (1927c): continued

CM24844. *Littorina incisa* Yokoyama, p.175, pl.47, fig.8, Holotype.

CM24846. *Xenophora exuta* (Reeve), p.176, pl.47, fig.10.

CM24861. *Turbonilla (Chemnitzia) infantula* Dall et Bartsch, p.176, pl.47, fig.11.

CM24865. *Turbonilla (Ptycheulimella) inscitula* Yokoyama, p.176, pl.47, fig.15, Syntype.

CM24866. *Turbonilla (Ptycheulimella) inscitula* Yokoyama, p.176, pl.47, fig.16, Syntype.

CM24871. *Solariella pseudobscura* Yokoyama, p.177, pl.47, fig.12, Holotype.

CM24891. *Tellina kakumana* Yokoyama, p.177, pl.47, fig.14, Holotype.

CM24902. *Meretrix tauyensis* Yokoyama, p.178, pl.48, fig.1, Syntype.

CM24903. *Meretrix tauyensis* Yokoyama, p.178, pl.48, fig.2, Syntype.

CM24911. *Cardium fastosum* Yokoyama, p.178, pl.48, fig.5, Syntype.

CM24913. *Cardium civicum* Yokoyama, p.179, pl.48, fig.3, Syntype.

CM24914. *Cardium civicum* Yokoyama, p.179, pl.48, fig.4, Syntype.

CM24918. *Thyasira crassiuscula* Yokoyama, p.179, pl.47, fig.13, Holotype.

CM24945. *Pecten kurosawensis* Yokoyama, p.180, pl.49, fig.1.

CM24946. *Pecten kurosawensis* Yokoyama, p.180, pl.49, fig.2.

The following specimens, though not illustrated, were also treated in this paper.

Leucotina gigantea (Dunker): CM24762

Retusa minima Yamakawa: CM24763

Volvula acuminata (Bruguière): CM24765

Volvula angustata (Adams): CM24766

Volvula acutaeformis Yokoyama: CM24767

Cylichna musashiensis Tokunaga: CM24768, CM24769

Ringicula musashinoensis Yokoyama: CM24770 (missing), CM24771 (missing), CM24772 (missing)

Terebra lischkeana Dunker: CM24773

Terebra recticostata Yokoyama: CM24774, CM24775, CM24776

Terebra naumanni Yokoyama: CM24777

Pleurotoma vertebrata Smith: CM24778, CM24779, CM24780

Pleurotoma contraria Yokoyama: CM24781, CM24782, CM24783

Genotia pseudopannus Yokoyama: CM24784, CM24785, CM24786

Drillia subauriformis Yokoyama: CM24787

Yokoyama, M. (1927c): continued

Drillia nivalioides Yokoyama: CM24788, CM24789

Bela rugulata Troschel var. *schneideri* Harmar: CM24790, CM24791, CM24792

Bela kagana Yokoyama: CM24794, CM24795, CM24796, Syntypes

Raphitoma ozawai Yokoyama: CM24799, CM24800, CM24801. Syntypes

Cancellaria spengleriana Deshayes: CM24802

Cancellaria lischkei Yokoyama: CM24803

Olivella spretoides Yokoyama: CM24804, CM24805

Marginella cotamago Yokoyama: CM24806 (missing), CM24807

Fasciolaria uyemurai (Yokoyama): CM24809, CM24810

Chrysodomus arthriticus (Valenciennes): CM24811, CM24812

Siphonalia cassidaraeformis (Reeve): CM24813, CM24814

Siphonalia trochulus (Reeve): CM24815

Siphonalia stearnsii Pilsbry: CM24816

Eburna japonica Reeve: CM24817

Nassa (Hima) japonica Adams: CM24818

Nassa (Hima) festiva Powys: CM24819

Nassa (Niotha) livescens Philippi: CM24820, CM24821

Columbella pumila Dunker: CM24822, CM24823

Columbella martensi Lischke: CM24824

Trophon subclavatus Yokoyama: CM24825 (missing), CM24826

Trophon nipponicus Yokoyama: CM24827

Searlesia japonica Yokoyama: CM24848, CM24829, CM24830

Ocinebra falcata (Sowerby): CM24831, CM24832, CM24833

Bittium binodulosum Yokoyama: CM24835, Syntype

Bittium ozawai Yokoyama: CM24836

Bittium venustellum Yokoyama: CM24838 (missing), CM24839 (missing), Syntypes

Turritella saishuensis Yokoyama: CM24841, CM24842, CM24843

Skenea nipponica Yokoyama: CM24845

Xenophora exuta (Reeve): CM24847 (missing)

Natica janthostoma Deshayes: CM24848, CM24849

Polinices pallidus (Broderip et Sowerby): CM24850, CM24851

Polinices ampla (Philippi): CM24852, CM24853

Sigaretus (Eunaticina) oblongus Reeve: CM24854

Yokoyama, M. (1927c): continued

Scala ojiensis Yokoyama: CM24855

Scala densicostata (Yokoyama): CM24856

Pyramidella (Siberia) pulchella (Adams): CM24857

Odostomia (Odostomia) limpida (Dall et Bartsch): CM24858

Odostomia (Egilina) marielloides Yokoyama: CM24859

Odostomia (Odetta) neofelix Yokoyama: CM24860

Turbonilla (Chemnitzia) teganumana Yokoyama: CM24862, CM24863

Turbonilla (Mormula) paucicostulata Tokunaga: CM24864

Turbonilla (Ptycheulimella) inscitula Yokoyama: CM24867, CM24868, CM24869, Syntypes

Solariella philippensis Watson: CM24870

Puncturella nobilis Adams: CM24872

Puncturella subconica Yokoyama: CM24873

Acmaea schrencki Lischke: CM24874

Helcioniscus pallidus Gould: CM24875

Dentalium weinkauffi Dunker: CM24876, CM24877

Dentalium octogonum Lamarck: CM24878

Dentalium edoense Tokunaga: CW24879

Cryptomya busoensis Yokoyama: CM24880

Solen krusensternii Schrenck: CM24881, CM24882, CM24883

Solen grandis Gould: CM24884

Tellina venulosa Schrenck: CM24885, CM24886, CM24887 (missing)

Tellina nitidula Dunker: CM24888, CM24889, CM24890 (missing)

Macoma dissimilis (Martens): CM24892, CM24893, CM24894

Macoma nipponica Tokunaga: CM24895, CM24896

Dosinia troscheli Lischke: CM24897

Dosinia angulosa Philippi: CM24898

Meretrix (Callista) chinensis Chemnitz: CM24899, CM24900

Meretrix tauyensis Yokoyama: CM24901, Syntype

Venus stimpsoni Gould: CM24904

Cardium muticum Reeve: CM24905

Cardium modestum Adams et Reeve: CM24906, CM24907, CM24908, (missing)

Cardium nuttalii Conrad: CM24909

Cardium fastosum Yokoyama: CM24910, CM24912, Syntype

Yokoyama, M. (1927c): continued

Cardium civicum Yokoyama: CM24915, CM24916, Syntypes
Thyasira bisecta (Conrad): CM24917
Diplodonta usta Gould: CM24919, CM24920, CM24921
Lucina (Phacoides) borealis Linné: CM24922
Venericardia ferruginea Adams: CM24923, CM24924, CM24925
Venericardia cipangoana Yokoyama: CM24926, CM24927
Venericardia nakamurai Yokoyama: CM24928, CM24929
Astarte hakodatensis Yokoyama: CM24930
Cuspidaria ligula Yokoyama: CM24931
Pandora pulchella Yokoyama: CM24932
Myodora fluctuosa Gould: CM24933, CM24974, CM24975
Thracia pubescens Pulteney: CM24934
Anomia lischkei Fischer et Dautzenberg: CM24935, CM24936
Pecten tokyoensis Tokunaga: CM24937 (missing), CM24938 (missing)
Pecten excavatus Hanley: CM24939, CM24940
Pecten laqueatus Sowerby: CM24941
Pecten yessoensis Jay: CM24942, CM24943
Pecten laetus Gould: CM24944
Pecten kurosawensis Yokoyama: CM24947
Ostrea gigas Thunberg: CM24948
Arca amicula Yokoyama: CM24949, CM24950
Arca kobeltiana Pilsbry: CM24951
Pectunculus yessoensis Sowerby: CM24952, CM24953
Pectunculus nipponicus Yokoyama: CM24954
Limopsis woodwardi Adams: CM24955 (missing)
Limopsis crenata Adams: CM24956, CM24957, CM24958
Limopsis areolata Yokoyama: CM24959
Leda confusa Hanley: CM24960, CM24961 (missing)
Leda ramsayi Smith: CM24962 (missing), CM24963
Yoldia notabilis Yokoyama: CM24964 (missing), CM24965, CM24966
Nucula insignis Adams: CM24967
Nucula mirabilis Adams et Reeve: CM24968, CM24969, CM24970
Lingula hians Swainson: CB24971, CB24972, CB24973

Yokoyama, M. (1927d): Tertiary fossils from western Hizen. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.2, pt.4, pp.183-190, pl.50.

CM24978. *Scala maculosa* (A. Adams et Reeve), p.185, pl.50, fig.2.

CM24981. *Chione casinaeformis* Yokoyama, p.186, pl.50, fig.5 (missing)

CM24982. *Cardium sagawai* Yokoyama, p.186, pl.50, fig.7, Syntype. (missing)

CM24987. *Mytilus hirsutus* Lamarck: p.187, pl.50, figs.3,4.

CM24989. *Lima goliath* Smith, p.188, pl.50, fig.1. (missing)

CC25006. *Heterocyathus* sp., p.189, pl.50, fig.6. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Turritella kiiensis Yokoyama: CM24976, CM24977

Venus (Mercenaria) stimpsoni Gould: CM24979 (missing), CM24980 (missing)

Lucina (Phacoides) borealis Linné: CM24983 (missing)

Venericardia ferruginea (A. Adams): CM24984 (missing), CM24985 (missing), CM24986 (missing)

Mytilus hirsutus Lamarck: CM24988

Lima goliath Smith: CM24990, CM24991, CM24992, CM24993, CM24994, CM24995, CM24996, CM24997

Pecten sp.: CM24998

Ostrea sp.: CM24999

Arca sp.: CM25000

Pectunculus sp.: CM25001

Nucula mirabilis A. Adams et Reeve: CM25002, CM25003 (missing)

Linthia nipponica Tokunaga: CE25004 (missing)

Scutella sp.: CE25005 (missing)

Yokoyama, M. (1927e): Tertiary shells from the coal-field of Haboro, Teshio. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.2, pt.4, pp.191-204, pls.51-52.

All the specimens related to this work are now missing.

CM26316a. *Trophon felix* Yokoyama, p.196, pl.52, fig.8a, Syntype.

CM26316b. *Cancellaria* cf. *lischkei* Yokoyama, p.195, pl.52, fig.8b.

CM26316c. *Turritella* sp., p.197, pl.52, fig.8c.

CM26316d. *Dentalium* cf. *weinkauffii* Dunker, p.197, pl.52, fig.8d.

Yokoyama, M. (1927e): continued

CM26323. *Trophon felix* Yokoyama, p.196, pl.52, fig.6, Syntype.
CM26331. *Dentalium exaratum* Yokoyama, p.198, pl.51, fig.14, Syntype.
CM26333. *Mya arenaria* Linné, p.198, pl.51, fig.2.
CM26334. *Mactra haboroensis* Yokoyama, p.198, pl.52, fig.3, Syntype.
CM26335. *Mactra haboroensis* Yokoyama, p.198, pl.52, fig.3, Syntype.
CM26336. *Spisula grayana* (Schrenck), p.199, pl.52, fig.7.
CM26339. *Tellina venulosa* Schrenck, p.199, pl.52, fig.5.
CM26340. *Tellina izurensis* Yokoyama, p.200, pl.52, fig.1.
CM26341. *Tellina izurensis* Yokoyama, p.200, pl.52, fig.2.
CM26344. *Meretrix (Callista) chinensis* Chemnitz, p.200, pl.51, fig.1.
CM26345. *Chione chitaniana* Yokoyama, p.201, pl.51, fig.3.
CM26346. *Chione chitaniana* Yokoyama, p.201, pl.51, fig.4.
CM26347. *Tapes (?) uyemurai* Yokoyama, p.201, pl.51, fig.9, Syntype.
CM26348. *Tapes (?) uyemurai* Yokoyama, p.201, pl.51, fig.10, Syntype.
CM26349. *Tapes (?) uyemurai* Yokoyama, p.201, pl.51, fig.11, Syntype.
CM26350. *Tapes (?) uyemurai* Yokoyama, p.201, pl.51, fig.12, Syntype.
CM26351. *Tapes (?) uyemurai* Yokoyama, p.201, pl.51, fig.13, Syntype.
CM26356. *Cardium ainuanum* Yokoyama, p.202, pl.51, fig.5, Syntype.
CM26357. *Cardium ainuanum* Yokoyama, p.202, pl.51, fig.6, Syntype.
CM26358. *Cardium ainuanum* Yokoyama, p.202, pl.51, fig.7, Syntype.
CM26364. *Yoldia sagittaria* Yokoyama, p.203, pl.51, fig.8.

The following specimens, though not illustrated, were also treated in this paper.

Mitra pristina Yokoyama: CM26317

Chrysodomus despectus (Linné): CM26318, CM26319

Chrysodomus sp.: CM26320

Buccinum leucostoma Lischke: CM26321

Priene oregonensis (Redfield): CM26322

Trophon felix Yokoyama: CM26324, Syntype

Crepidula sp.: CM26325

Natica janthostoma Deshayes: CM26326, CM26327, CM26328

Dentalium cf. *weinkauffii* Dunker: CM26329

Dentalium exaratum Yokoyama: CM26330, Syntype

Yokoyama, M. (1927e): continued

Panope generosa (Gould): CM26332
Soletellina (?) sp.: CM26337, CM26338
Macoma dissimilis (Martens): CM26342
Macoma cf. *praetexta* (Martens): CM26343
Cardium nuttalii Conrad: CM26352
Cardium muticum Reeve: CM26353, CM26354, CM26355
Venericardia cipangoana Yokoyama: CM26359
Mytilus sp.: CM26260
Ostrea sp.: CM26361
Nucula mirabilis A. Adams et Reeve: CM26362
Nucula sp.: CM26263

Yokoyama, M. (1927f): On the occurrence of the lower Tertiary formation in the Province of Hoki. *Jour. Geol. Soc. Tokyo,* vol.34, pp.13,14, pl.8.

CM25265. *Pholadomya* cf. *puschi* Goldfuss, p.13, pl.8

Yokoyama, M. (1928a): Pliocene shells from Hyuga. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.2, pt.7, pp.331-350, pls.66,67.

CM25015. *Terebra serotina* Adams et Reeve, p.338, pl.66, fig.1.
CM25020. *Conus comatosa* Pilsbry, p.338, pl.66, fig.2.
CM25021. *Cochlioconus gradatus* Yokoyama, p.338, pl.66, fig.3, Syntype.
CM25022. *Cochlioconus gradatus* Yokoyama, p.338, pl.66, fig.4, Syntype.
CM25027. *Pleurotoma subdeclivis* Yokoyama, p.339, pl.66, fig.6.
CM25030. *Pleurotoma subdeclivis* Yokoyama, p.339, pl.66, fig.5.
CM25035. *Pleurotoma pervirgo* Yokoyama, p.340, pl.66, fig.7, Syntype.
CM25036. *Pleurotoma pervirgo* Yokoyama, p.340, pl.66, fig.8, Syntype.
CM25049. *Pleurotoma asukana* Yokoyama, p.340, pl.66, fig.10.
CM25054. *Drillia hyugana* Yokoyama, p.341, pl.66, fig.9, Syntype. (missing)
CM25056. *Drillia astuta* Yokoyama, p.341, pl.66, fig.14, Syntype.
CM25057. *Drillia astuta* Yokoyama, p.341, pl.66, fig.15, Syntype.
CM25058. *Drillia (?) kobayashii* Yokoyama, p.341, pl.66, fig.17, Holotype.
CM25063. *Cancellaria limata* Yokoyama, p.342, pl.66, fig.12, Holotype.
CM25066. *Olivella baetica* (Carpenter), p.343, pl.66, fig.11.

Yokoyama, M. (1928a): continued

CM25070. *Ancilla miserula* Yokoyama, p.343, pl.66, fig.16, Syntype. (missing)

CM25080. *Voluta koyuana* Yokoyama, p.343, pl.66, fig.13, Syntype.

CM25084. *Mitra flaccida* Yokoyama, p.344, pl.67, fig.1, Syntype.

CM25091. *Mitra pauciplicata* Yokoyama, p.344, pl.67, fig.2, Syntype.

CM25097. *Fusus dualis* Yokoyama, p.344, pl.67, fig.3, Syntype.

CM25110. *Siphonalia fusoides* (Reeve), p.345, pl.67, fig.4.

CM25120. *Columbella (Atilia) bicinctella* Yokoyama, p.345, pl.67, fig.6, Holotype.

CM25125. *Erato novemprovincialis* Yokoyama, p.346, pl.67, fig.7, Syntype.

CM25129. *Cerithium excelsum* Yokoyama, p.346, pl.67, fig.8, Syntype.

CM25152. *Natica adamsiana* Dunker, p.346, pl.67, fig.9.

CM25164. *Odostomia (Menestho) exaratissima* Dall et Bartsch, p.347, pl.67, fig.11.

CM25169. *Eulima musta* Yokoyama, p.347, pl.67, fig.5, Holotype.

CM25174. *Calliostoma kounjianum* Yokoyama, p.347, pl.67, fig.10, Holotype. (missing)

CM25197. *Diplodonta (?) kobayashii* Yokoyama, p.348, pl.67, fig.15, Syntype.

CM25198. *Diplodonta (?) kobayashii* Yokoyama, p.348, pl.67, fig.16, Syntype.

CM25199. *Diplodonta (?) kobayashii* Yokoyama, p.348, pl.67, fig.17, Syntype.

CM25232. *Arca uwaensis* Yokoyama, p.349, pl.67, fig.13, Syntype.

CM25233. *Arca uwaensis* Yokoyama, p.349, pl.67, fig.14, Syntype. (missing)

CM25261. *Yoldia japonica* (A. Adams et Reeve), p.349, pl.67, fig.12. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Solidula strigosa (Gould): CM25007, CM25008, CM25009

Tornatina longispirata Yamakawa: CM25010

Retusa globosa Yamakawa: CM25011

Volvula acutaeformis Yokoyama: CM25012

Ringicula musashinoensis Yokoyama: CM25013, CM25014

Terebra recticostata Yokoyama: CM25016, CM25017

Terebra asukensis Yokoyama: CM25018

Yokoyama, M. (1928a): continued

Conus sieboldi Reeve: CM25019

Pleurotoma vertebrata Smith: CM25023, CM25024

Pleurotoma subdeclivis Yokoyama: CM25025, CM25026, CM25028, CM25029, CM-25031, CM25032, CM25033

Pleurotoma kamakurana Pilsbry: CM25034

Drillia principalis Pilsbry: CM25039, CM25040, CM25041

Drillia braunsi Yokoyama: CM25042, CM25043

Drillia benten Yokoyama: CM25044, CM25045

Drillia dainichiensis Yokoyama: CM25046, CM25047

Drillia subauriformis Yokoyama: CM25048

Pleurotoma asukana Yokoyama: CM25050

Drillia fortiliniata Smith: CM25051, CM25052

Drillia hyugana Yokoyama: CM25053, CM25055, Syntypes

Bela rugulata Trochel var. *schneideri* Harmer: CM25059

Cancellaria lischkei Yokoyama: CM25060, CM25061, CM25062

Olivella spretoides Yokoyama: CM25064, CM25065

Ancilla okawai Yokoyama: CM25067, CM25068, CM25069

Ancilla miserula Yokoyama: CM25071, CM25072, CM25073, Syntypes

Marginella cotamago Yokoyama: CM25074

Marginella perovulum Yokoyama: CM25075, CM25076

Voluta megaspira Sowerby: CM25077, CM25078, CM25079

Voluta koyuana Yokoyama: CM25081, Syntype

Mitra flaccida Yokoyama: CM25082, CM25083, CM25085, CM25086, CM25087, CM25088, CM25089, CM25090

Mitra pauciplicata Yokoyama: CM25092

Fusus niponicus Smith: CM25093

Fusus coreanicus Smith: CM25094

Fusus nigrirostratus Smith: CM25095, CM25096

Fusus dualis Yokoyama: CM25098, CM25099, CM25100, CM25101, CM25102, CM25103, CM25104, CM25105

Chrysodomus arthriticus (Valenciennes): CM25106

Siphonalia cassidaraeformis (Reeve): CM25107, CM25108, CM25109 (missing)

Siphonalia fusoides (Reeve): CM25111

Nassaria magnifica Lischke: CM25112, CM25113

Eburna elata Yokoyama: CM25114

Yokoyama, M. (1928a): continued

Eburna japonica Reeve: CM25115

Columbella (Atilia) smithi Yokoyama: CM25116, CM25117

Columbella (Atilia) masakadoi Yokoyama: CM25118, CM25119

Typhis arcuatus Hinds: CM25121, CM25122

Ocinebra falcata (Sowerby): CM25123

Priene oregonensis Redfield: CM25124

Erato novemprovincialis Yokoyama: CM25126, CM25127, CM25128, Syntypes

Cerithium excelsum Yokoyama: CM25130, CM25131, CM25132, CM25133, CM25134, CM25135, CM25136, CM25137, CM25138, CM25139

Bittium binodulosum Yokoyama: CM25140

Vermetus ebaranus Yokoyama: CM25141, CM25142, CM25143

Turritella kiiensis Yokoyama: CM25144

Skenea planorboides Yokoyama: CM25145

Calyptraea mammilaris Broderip: CM25146, CM25147

Natica janthostoma Deshayes: CM25148, CM25149, CM25150, CM25151 (missing)

Polinices ampla (Philippi): CM25153, CM25154

Polinices pallidus (Broderip et Sowerby): CM25155, CM25156, CM25157

Polinices powisianus Récluz: CM25158, CM25159

Eulima (Leiostraca) sagamiana Yokoyama: CM25160 (missing), CM25161

Niso interrupta Sowerby: CM25163

Leptothyra purpurescens (Dunker): CM25165

Bembix crumpii (Pilsbry): CM25166

Bembix argenteonitens (Lischke): CM25167

Bembix convexiusculus Yokoyama: CM25168

Margarita cinerea Couthouy: CM25169, CM25170

Margarita laudata Yokoyama: CM25171

Calliostoma sagamianum Yokoyama: CM25172 (missing)

Calliostoma unicum Dunker var. *shinagawensis* Yokoyama: CM25173 (missing)

Dentalium weinkauffii Dunker: CM25175, CM25176, CM25177

Dentalium octogonum Lamarck: CM25178, CM25179

Dentalium complexum Dall: CM25180, CM25181

Dentalium edoense Tokunaga: CW25182, CW25183

Siliqua pulchella (Dunker): CM25184

Solecurtus divaricatus (Lischke): CM25185

Yokoyama, M. (1928a): continued

Macoma praetexta (Martens): CM25186, CM25187

Meretrix (Macrocallista) ezoensis (Yokoyama): CM25188, CM25189

Chione foliacea (Philippi): CM25190, CM25191, CM25192 (missing)

Cardium modestum Adams et Reeve: CM25193

Cardium muticum Reeve: CM25194

Cardium civicum Yokoyama: CM25195, CM25196 (missing)

Diplodonta (?) kobayashii Yokoyama: CM25200, CM25201, CM25202, CM25203, CM25204, CM25205, CM25206, CM25207, CM25208, CM25209, CM25210, CM25211, Syntypes

Lucina borealis (Linné): CM25212, CM25213, CM24214, CM24215

Cardita panda Yokoyama: CM25216, CM25217

Venericardia ferruginea (Adams): CM25218

Astarte sulcata Dacosta: CM25219

Crassatella heteroglypta Pilsbry: CM25220

Modiola modiolus Linné: CM25221

Anomia cytaeum Gray: CM25222

Pecten praesignis Yokoyama: CM25223, CM25224

Pecten vesiculosus Dunker: CM25225

Ostrea cf. *musashiana* Yokoyama: CM25226

Ostrea cucullata Born: CM25227

Arca inflata Reeve: CM25228, CM25229, CM25230 (missing)

Arca suzukii Yokoyama: CM25231

Arca uwaensis Yokoyama: CM25234, CM25235, CM25236, CM25237, CM25238, CM-25239, CM25240, CM25241, Syntypes

Pectunculus nipponicus Yokoyama: CM25242, CM25243, CM25244, CM25245, CM-25246, CM25247

Pectunculus vestitus Dunker: CM25248

Limopsis woodwardi Adams: CM25249

Limopsis crenata Adams: CM25250, CM25251

Limopsis tokaiensis Yokoyama: CM25252, CM25253, CM25254, CM25255, CM25256

Limopsis chitaniana Yokoyama: CM25257

Leda confusa Hanley: CM25258

Leda ramsayi Smith: CM25259 (missing)

Leda naganumana Yokoyama: CM25260

Yokoyama, M. (1928a): continued

Nucula mirabilis Adams et Reeve: CM25262 (missing), CM25263

Nucula tokyoensis Yokoyama: CM25264

Yokoyama, M. (1928b): Neogene shells from the oil-field of Higashiyama, Echigo. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.2, pt.7, pp.351-362, pls.68,69.

CM25289. *Fusus simplex* Smith, p.357, pl.68, fig.1.

CM25290. *Fusus simplex* Smith, p.357, pl.68, fig.2.

CM25294. *Volutopsis hirasei* Pilsbry, p.357, pl.68, fig.3.

CM25295. *Volutopsis hirasei* Pilsbry, p.357, pl.68, fig.4. (missing)

CM25296. *Volutopsis hirasei* Pilsbry, p.357, pl.68, fig.5.

CM25297. *Beringius (?) hanzoganensis* Yokoyama, p.358, pl.68, fig.6, Holotype.

CM25307. *Trophon makiyamai* Yokoyama, p.358, pl.68, fig.8, Syntype. (missing)

CM25312. *Searlesia decessor* Yokoyama, p.358, pl.68, fig.9, Syntype.

CM25338. *Margarita lautiuscula* Yokoyama, p.359, pl.68, fig.7, Holotype.

CM25339. *Margarita kaigasawensis* Yokoyama, p.359, pl.69, fig.2, Syntype.

CM25352. *Mactra (?) makiyamai* Yokoyama, p.360, pl.69, fig.3, Holotype.

CM25358. *Venus laetifica* Yokoyama, p.360, pl.68, fig.10, Holotype.

CM25361. *Chione hizenensis* Pilsbry, p.361, pl.68, fig.12,

CM25394. *Pectunculus derelictus* Yokoyama, p.361, pl.69, fig.1, Holotype. (missing)

CM25403. *Solemya labeosa* Yokoyama, p.361, pl.68, fig.11, Holotype.

The following specimens, though not illustrated, were also treated in this paper.

Leucotina dianae (Adams): CM25266

Terebra tsuboiana Yokoyama: CM25267

Pleurotoma vertebrata Smith: CM25268

Pleurotoma contraria Yokoyama: CM25269

Pleurotoma glabra Yokoyama: CM25270

Genotia pseudopannus Yokoyama: CM25271

Drillia pseudoprincipalis Yokoyama: CM25272, CM25273

Drillia asukana Yokoyama: CM25274

Yokoyama, M. (1928b): continued

Raphitoma ozawai Yokoyama: CM25275 (missing), CM25276 (missing)

Bela candida Yokoyama: CM25277

Bela rugulata Troschel var. *schneideri* Harmer: CM25278

Mangilia oyuana Yokoyama: CM25279

Mangilia sawanensis Yokoyama: CM25280

Cancellaria lischkei Yokoyama: CM25281, CM25282, CM25283 (missing)

Olivella fortunei Adams: CM25284

Voluta megaspira Sowerby: CM25285

Fasciolaria uyemurai Yokoyama: CM25286 (missing)

Fusus coreanicus Smith: CM25287, CM25288

Fusus simplex Smith: CM25291

Chrysodomus despectus (Linné): CM25292, CM25293

Siphonalia declivis Yokoyama: CM25298

Nassa (Hima) japonica Adams: CM25299 (missing), CM25300

Columbella (Mitrella) dunkeri Tryon: CM25301

Columbella (Atilia) smithi Yokoyama: CM25302

Columbella (Atilia) pumila Dunker: CM25303

Trophon acharya Yokoyama: CM25304

Trophon solitarius Yokoyama: CM25305

Trophon makiyamai Yokoyama: CM25306, CM25308, CM25309, CM25310, CM25311, Syntypes

Searlesia decessor Yokoyama: CM25313, Syntype

Ocinebra falcata (Sowerby): CM25315

Ocinebra lumaria Yokoyama: CM25316 (missing)

Priene oregonensis Redfield: CM25317

Cassis strigata (Gmelin): CM25318

Bittium ozawai Yokoyama: CM25319

Turritella saishuensis Yokoyama: CM25320, CM25321

Turritella kiiensis Yokoyama: CM25322

Rissoa sadoensis Yokoyama: CM25323

Rissoa asura Yokoyama: CM25324

Skenea planorboides Yokoyama: CM25325

Natica janthostoma Deshayes: CM25326, CM25327 (missing), CM25328, CM25329

Polinices ampla (Philippi): CM25330, CM25331

Yokoyama, M. (1928b): continued

Polinices pallidus (Broderip et Sowerby): CM25332

Sigaretus papilla Gmelin: CM25333 (missing), CM25334

Niso interrupta Sowerby: CM25335 (missing)

Pyramidella (Iphiana) mira Yokoyama: CM25336

Solariella angulata Tokunaga: CM25337

Margarita kaigasawensis Yokoyama: CM25340, CM25341, CM25342, Syntypes

Umbonium costatum (Valenciennes): CM25343, CM25344

Dentalium weinkauffii Dunker: CM25345 (missing)

Siphonodentalium (Pulsellum) ozawai Yokoyama: CM25346

Corbula succincta Yokoyama: CM25347

Mya arenaria Linné: CM25349

Mactra sulcataria Deshayes: CM25350

Mactra sachalinensis Schrenck var. *imperialis* Yokoyama: CM25351

Tellina besshoensis Yokoyama: CM25353 (missing)

Macoma praetexta (Martens): CM25354

Macoma inquinata (Deshayes): CM25355 (missing)

Meretrix (Macrocallista) ezoensis (Yokoyama): CM25356

Venus (Mercenaria) stimpsoni Gould: CM25357

Chione foliacea (Philippi): CM25359

Chione chitaniana Yokoyama: CM25360

Cardium muticum Reeve: CM25362

Cardium braunsi Yokoyama: CM25363

Cardium angustum Yokoyama: CM25364, CM25365

Thyasira bisecta (Conrad): CM25366

Thyasira gouldii Philippi: CM25367

Diplodonta usta Gould: CM25368

Lucina borealis Linné: CM25369, CM25370

Venericardia cipangoana Yokoyama: CM25371

Venericardia ferruginea (Adams): CM25372, CM25373 (missing)

Astarte borealis Linné: CM25374, CM25375, CM25376

Thracia pubescens Pulteney: CM25377

Mytilus grayanus Dunker: CM25378

Crenella spectabilis Adams: CM25379

Pecten swiftii Bernardi: CM25380

Yokoyama, M. (1928b): continued

Pecten kurosawensis Yokoyama: CM25381, CM25382

Ostrea gigas Thunberg: CM25383, CM25384

Arca subcrenata Lischke: CM25385, CM25386

Arca kobeltiana Pilsbry: CM25387, CM25388

Arca amicula Yokoyama: CM25389

Pectunculus albolineatus Lischke: CM25390

Pectunculus yessoensis Jay: CM25391, CM25392, CM25393

Limopsis tokaiensis Yokoyama: CM25395, CM25396

Leda ramsayi Smith: CM25397, CM25398

Leda naganumana Yokoyama: CM25399 (missing)

Nucula insignis Adams: CM25400. CM25401, CM25402

Laqueus rubellus (Sowerby): CB25404

Terebratulina japonica (Sowerby): CB25405

Hemithyris psittacea (Chemnitz) var. *woodwardi* Adams: CB25406

Yokoyama, M. (1929a): Neogene shells from some provinces of Chugoku.
Jour. Fac. Sci. Imp. Univ. Tokyo, sec.2, vol.2, pt.8, pp.363-368, pl.70.

CM25527. *Strombus mimasakensis* Yokoyama, p.366, pl.70, fig.1a,b, Holotype.

CM25528. *Cerithium proavitum* Yokoyama, p.366, pl.70, fig.3, Syntype.

CM25535. *Cerithium sakamotoi* Yokoyama, p.367, pl.70, fig.4, Syntype.

CM25537. *Potamides ancisus* Yokoyama, p.367, pl.70, fig.2, Holotype.

CM25556. *Arca* cf. *camuloensis* Osmont, p.368, pl.70, fig.5a-c.

The following specimens, though not illustrated, were also treated in this paper.

Drillia principalis Pilsbry: CM25523

Olivella fortunei (Adams): CM25524 (missing)

Nassa (Niotha) incongrua Yokoyama: CM25525

Ocinebra sp. indet.: CM25526

Cerithium proavitum Yokoyama: CM25529, CM25530, CM25531, CM25532, CM25533, CM25534, Syntypes

Cerithium sakamotoi Yokoyama: CM25536 (missing), Syntype

Turritella nipponica Yokoyama: CM25538

Turritella perterebra Yokoyama: CM25539

Polinices ampla (Philippi): CM25540

Yokoyama, M. (1929a): continued

Natica (?) sp. indet.: CM25541

Sigaretus (Eunaticina) papilla Gmelin: CM25542

Umbonium sp. indet.: CM25543

Dentalium vernedei Hanley: CM25544

Dentalium weinkauffii Dunker: CM25545

Panope generosa (Gould): CM25546

Corbula erythrodon Lamarck: CM25547

Dosinia angulosa Philippi: CM25548

Chione sp. indet.: CM25549

Tapes sp. indet: CM25550

Astarte sulcata Dacosta: CM25551

Trapezium liratum (Reeve): CM25552

Mytilus hirsutus Lamarck: CM25553 (missing)

Pecten sp. indet: CM25554 (missing)

Arca amicula Yokoyama: CM25555

Pectunculus sp. indet: CM25557

Leda confusa Hanley: CM25558 (missing)

Yokoyama, M. (1929b): Molluscan fossils from Karafto. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.2, pt.9, pp.369-398, pls.71-76.

All the specimens related to this work are now missing.

CM26876. *Chrysodomus despectus* (Linné), p.381, pl.71, fig.2.

CM26877. *Chrysodomus despectus* (Linné) var. *tuberculata* Yokoyama, p.382, pl.71, fig.1, Syntype.

CM26880. *Chrysodomus arthriticus* (Valencienne), p.382, pl.71, fig.4.

CM26881. *Buccinum leucostoma* Lischke var. *sachalinensis* Yokoyama, p.382, pl.72, fig.1, Syntype.

CM26882. *Buccinum leucostoma* Lischke var. *sachalinensis* Yokoyama, p.382, pl.72, fig.2, Syntype.

CM26887. *Potamides uyemurai* Yokoyama, p.383, pl.71, fig.3, Holotype.

CM26888. *Turritella nipponica* Yokoyama, p.384, pl.72, fig.8.

CM26890. *Turritella kiiensis* Yokoyama, p.384, pl.72, fig.7.

CM26902. *Mya arenaria* Linné, p.385, pl.74, fig.3,

CM26903. *Mactra sachalinensis* Schrenck, p.386, pl.73, fig.1.

Yokoyama, M. (1929b): continued

CM26905. *Mactra semmiana* Yokoyama, p.386, pl.74, fig.10.
CM26908. *Spisula grayana* (Schrenck), p.387, pl.74, fig.11.
CM26909. *Siliqua costata* (Say), p.387, pl.72, fig.4.
CM26910. *Siliqua costata* (Say), p.387, pl.72, fig.5.
CM26913. *Siliqua costata* (Say), p.387, pl.72, fig.3.
CM26914. *Tellina venulosa* Schrenck, p.387, pl.72, fig.6.
CM26915. *Tellina besshoensis* Yokoyama, p.388, pl.74, fig.1.
CM26918. *Macoma dissimilis* (Martens), p.388, pl.74, fig.2.
CM26921. *Macrocallista brevisiphonata* (Carpenter), p.388, pl.75, fig.4.
CM26922. *Chione astartoides* (Beck), p.389, pl.74, fig.4.
CM26923. *Chione astartoides* (Beck), p.389, pl.74, fig.5.
CM26924. *Chione astartoides* (Beck), p.389, pl.74, fig.6.
CM26925. *Chione astartoides* (Beck), p.389, pl.74, fig.7.
CM26927. *Cardium groenlandicum* Chemnitz, p.390, pl.73, fig.2.
CM26928. *Cardium groenlandicum* Chemnitz, p.390, pl.73, fig.3.
CM26930. *Cardium nuttalii* Conrad, p.390, pl.74, fig.8.
CM26933. *Thyasira bisecta* (Conrad), p.381, pl.72, fig.9.
CM26934. *Thyasira gouldii* (Philippi), p.391, pl.74, fig.9.
CM26936. *Venericardia tokunagai* Yokoyama, p.392, pl.75, fig.2.
CM26939. *Mytilus edulis* Linné, p.392, pl.75, fig.1.
CM26940. *Mytilus grayanus* Dunker, p.393, pl.76, fig.3.
CM26941 *Pecten watanabei* Yokoyama, p.393, pl.76, fig.4, Holotype.
CM26943. *Ostrea gigas* Thunberg, p.393, pl.76, fig.1.
CM26944. *Glycimeris chitanii* Yokoyama, p.394, pl.75, fig.3, Syntype.
CM26945. *Leda confusa* Hanley, p.394, pl.76, fig.5.
CM26948. *Yoldia scapha* Yokoyama, p.394, pl.75, fig.5.
CM26949. *Yoldia scapha* Yokoyama, p.394, pl.75, fig.6.
CM26951. *Yoldia sagittaria* Yokoyama, p.395, pl.75, fig.7.
CM26952. *Yoldia notabilis* Yokoyama, p.395, pl.75, fig.8.
CM26957. *Acila mirabilis* (Adams et Reeve), p.395, pl.76, fig.2.

The following specimens, though not illustrated, were also treated in this paper.

Cylichna sp.: CM26873

Yokoyama, M. (1929b): continued

Pleurotoma sp.: CM26874

Chrysodomus despectus (Linné): CM26875

Volutharpa perryi (Jay): CM26886

Chrysodomus despectus (Linné) var. *tuberculata* Yokoyama: CM26878, Syntypes

Chrysodomus arthriticus (Valencienne): CM26879

Buccinum leucostoma Lischke var. *sachalinensis* Yokoyama: CM26883, CM26884, CM26885, Syntypes

Turritella nipponica Yokoyama: CM26889

Turritella kiiensis Yokoyama: CM26891

Turritella sp.: CM26892, CM26893, CM26894

Natica janthostoma Deshayes: CM26895, CM26896, CM26897

Teredo sp.: CM26898

Mya arenaria Linné: CM26899, CM26900, CM26901

Mactra sulcataria Deshayes: CM26904

Mactra semmiana Yokoyama: CM26906

Mactra aff. *ovalina* Lamarck: CM26907

Siliqua costata (Say): CM26911, CM26912

Tellina besshoensis Yokoyama: CM26916

Macoma dissimilis (Martens): CM26917

Macrocallista brevisiphonata (Carpenter): CM26919, CM26920

Cardium groenlandicum Chemnitz: CM26926

Cardium nuttalii Conrad: CM26929, CM26931

Thyasira bisecta (Conrad): CM26932

Venericardia tokunagai Yokoyama: CM26935

Lucina sp.: CM26937, CM26938

Pecten sp.: CM26942

Leda sp.: CM26946

Yoldia scapha Yokoyama: CM26947, CM26950

Yoldia notabilis Yokoyama: CM26953, CM26954, CM26955, CM26956

Acila mirabilis (Adams et Reeve): CM26958

Yokoyama, M. (1930a): Neogene shells from Yamashiro. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.2, pt.10, pp.399-403, text-figs.

CM25576. *Umbonium ishiianum* Yokoyama, p.402, text-fig.(left), Syntype.

CM25577. *Umbonium ishiianum* Yokoyama, p.402, text-fig.(right), Syntype.

The following specimens, though not illustrated, were also treated in this paper.

Mitra pristina Yokoyama: CM25559

Nassa (Hima) verbeeki Martens: CM25560 (missing)

Triton ? sp.: CM25561 (missing)

Turritella nipponica Yokoyama: CM25562 (missing)

Turritella perterebra Yokoyama: CM25563, CM25564, CM25565

Capulus badius Dunker: CM25566

Calyptraea mammilaris (Broderip): CM25567, CM25568, CM25569

Crepidula navia Yokoyama: CM25570, CM25568, CM25572 (missing)

Crepidula sp.: CM25573 (missing), CM25574

Natica colliei Récluz: CM25575 (missing)

Umbonium ishiianum Yokoyama: CM25578, CM25579, CM25580, CM25581, CM25582, CM25583, CM25584, CM25585, CM25586, CM25587, CM25588, CM25589, CM25590, CM25591, CM25592, CM25593, CM25594, CM25595, CM25596, CM25597, CM25598, CM25599, Syntypes

Dentalium sp.: CM25600

Corbula sp.: CM25601, CM25602

Mactra sulcataria Deshayes: CM25603 (missing)

Cultellus izumoensis Yokoyama: CM25604 (missing)

Soletellina violacea Lamarck: CM25605 (missing)

Macoma inquinata (Deshayes): CM25606 (missing)

Macoma praetexta (v. Martens): CM25607 (missing)

Macoma nipponica (Tokunaga): CM25608 (missing)

Dosinia angulosa (Philippi): CM25609, CM25610 (missing)

Chione casinaeformis Yokoyama: CM25611, CM25612

Tapes sp.: CM25613, CM25614, CM25615, CM25616, CM25617

Tapes ? sp.: CM25618

Gomphina ? sp.: CM25619

Cardium ? sp.: CM25620

Diplodonta usta (Gould): CM25621

Yokoyama, M. (1930a): continued

Phacodes borealis (Linné): CM25622 (missing)

Venericardia ferruginea Adams: CM25623

Crassatellites sp.: CM25624, CM25625, CM25626, CM25627, CM25628, CM25629

Thracia pubescens Pulteney: CM25630 (missing)

Anomia lischkei Fischer et Dautzenberg: CM25631

Pecten heteroglyptus Yokoyama: CM25632, CM25633

Ostrea gigas Thunberg: CM25634 (missing)

Arca sp.: CM25635, CM25636, CM25637, CM25638

Arca sp.: CM25639

Leda confusa Hanley: CM25640 (missing)

Nucula (Acila) mirabilis Adams et Reeve: CM25641 (missing)

Yokoyama, M. (1930b): On a univalve called Cochlioconus gradatus Yokoyama. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.2, pt.10, pp.405,406, fig.1.

CM25021. *Thatcheria gradata* (Yokoyama), p.406, Syntype.

CM25022. *Thatcheria gradata* (Yokoyama), p.406, Syntype.

Yokoyama, M. (1930c): Tertiary mollusca from south Karafto. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.2, pt.10, pp.407-418, pls.77-80.

CM25646. *Beringius ? hanzoganensis* Yokoyama, p.413, pl.77, fig.4.

CM25651. *Cerithium tokudai* Yokoyama, p.414, pl.77, fig.3, Holotype.

CM25686. *Chione astartoides* (Beck), p.414, pl.77, fig.6, Syntype.

CM25698. *Cardium taracaicum* Yokoyama, p.414, pl.77, fig.1, Syntype.

CM25699. *Cardium taracaicum* Yokoyama, p.414, pl.77, fig.2, Syntype.

CM25700. *Cardium (Laevicardium) tristiculum* Yokoyama, p.415, pl.78, fig.3 a,b.

CM25701. *Cardium (Laevicardium) tristiculum* Yokoyama, p.415, pl.78, fig.4 a,b.

CM25702. *Cardium (Laevicardium) tristiculum* Yokoyama, p.415, pl.78, fig.5.

CM25703. *Cardium (Laevicardium) tristiculum* Yokoyama, p.415, pl.78, fig.6.

CM25718. *Thracia* sp., p.415, pl.80, fig.2.

CM25721. *Placunanomia* sp., p.416, pl.77, fig.5.

CM25722. *Pecten subyessoensis* Yokoyama, p.416, pl.80, fig.3, Syntype.

Yokoyama, M. (1930c): continued

CM25723. *Pecten subyessoensis* Yokoyama, p.416, pl.80, fig.4, Syntype.

CM25724. *Pecten takahashii* Yokoyama, p.416, pl.78, fig.1, Syntype.

CM25725. *Pecten takahashii* Yokoyama, p.416, pl.78, fig.2, Syntype.

CM25726. *Pecten takahashii* Yokoyama, p.416, pl.79, fig.1, Syntype.

CM25727. *Pecten takahashii* Yokoyama, p.416, pl.79, fig.2, Syntype.

CM25730. *Pecten agnatus* Yokoyama, p.417, pl.80, fig.1, Holotype.

CM25740. *Acila insignis* (Gould), p.417, pl.80, fig.5.

The following specimens, though not illustrated, were also treated in this paper.

Voluta megaspira Sowerby: CM25642

Mitra ? sp.: CM25643

Chrysodomus despectus (Linné): CM25644, CM25645

Buccinum leucostoma Lischke: CM25647, CM25648, CM25649

Priene oregonensis (Redfield): CM25650

Turritella nipponica Yokoyama: CM25652

Natica janthostoma Deshayes: CM25653, CM25654, CM25655, CM25656, CM25657, CM25658

Dentalium sp.: CM25659

Teredo sp.: CM25660 (missing)

Mya arenaria Linné: CM25661, CM25662, CM25663, CM25664, CM25665, CM25666

Mactra sulactaria Deshayes: CM25667, CM25668

Spisula grayana Schrenck: CM25669

Tellina besshoensis Yokoyama: CM25670

Tellina optiva Yokoyama: CM25671, CM25672, CM25673, CM25674, CM25675, CM-25676, CM25677

Macoma dissimilis (Martens): CM25678, CM25679, CM25680

Macoma inquinata (Deshayes): CM25681, CM25682

Macoma nipponica (Tokunaga): CM25683, CM25684

Macoma (or *Tellina*) sp.: CM25685

Tapes sp.: CM25687

Cardium nuttallii Conrad: CM25688, CM25689, CM25690, CM25691

Cardium groenlandicum Chemnitz: CM25692, CM25693, CM25694, CM25695, CM-25696, CM25697

Cardium (Laevicardium) tristiculum Yokoyama: CM25704

Yokoyama, M. (1930c): continued

Thyasira bisecta (Conrad): CM25705, CM25706, CM25707, CM25708

Diplodonta usta Gould: CM25710

Lucina borealis Linné: CM25711 (missing), CM25712

Lucina ? sp.: CM25713

Venericardia sp.: CM25714

Venericardia sp.: CM25715, CM25716

Crassatellites ? sp.: CM25717

Mytilus sp.: CM25719

Modiola modiolus Linné: CM25720

Pecten takahashii Yokoyama: CM25728, CM25729, Syntypes

Glycimeris sp.: CM25731

Yoldia scapha Yokoyama: CM25732 (missing), CM25733 (missing)

Yoldia sagittaria Yokoyama: CM25734, CM25735 (missing), CM25736, CM25737

Acila mirabilis (Adams et Reeve): CM25738 (missing)

Acila insignis (Gould): CM25739 (missing)

Yokoyama, M. (1931a): Neogene shells from Karafto and the Hokkaido.

Jour. Fac. Sci. Imp. Univ. Tokyo, sec.2, vol.3, pt.4, pp.185-196, pl.11.

CM25753. *Chrysodomus plicatus* (A. Adams), p.193, pl.11, fig.3.

CM25756. *Buccinum undatum* Linné, p.195, pl.11, fig.2.

CM25797. *Dentalium tigillum* Yokoyama, p.194, pl.11, fig.5, Syntype. (missing)

CM25798. *Dentalium tigillum* Yokoyama, p.194, pl.11, fig.6, Syntype.

CM25827. *Corbicula iburica* Yokoyama, p.194, pl.11, fig.8, Holotype.

CM25831. *Diplodonta (?) turgidula* Yokoyama, p.195, pl.11, fig.7a-c, Syntype.

CM25848. *Crepidula jimboana* Yokoyama, p.194, pl.11, fig.1a,b, Syntype. (missing)

CM25870. *Amathina nobilis* (A. Adams), p.194, pl.11, fig.4a,b. (missing)

CM25871. *Pecten yessoensis* Jay, p.195, pl.11, fig.9. (missing)

The following specimens, though not illustrated, were also treated in this paper.

Priene oregonensis (Redfield) ?: CM25741 (missing)

Beringius hanzoganensis Yokoyama: CM25742 (missing), CM25754, CM25755

Yokoyama, M. (1931a): continued

Turritella sp.: CM25743

Natica janthostoma Deshayes: CM25744, CM25757, CM25785, CM25821, CM25833, CM25834, CM25847

Mya crassa Grewinck: CM25745, CM25758, CM25781

Macoma inquinata (Deshayes): CM25746

Tapes sp.: CM25747 (missing)

Cardium taracaicum Yokoyama: CM25748, CM25763

Cardium californiense Deshayes: CM25749

Thyasira besecta (Conrad): CM25750, CM25765, CM25793, CM25779, CM25806, CM25811

Pecten subyessoensis Yokoyama: CM25751

Acila insignis (Gould): CM25752 (missing)

Macoma dissimilis (Martens): CM25759, CM25760, CM25791, CM25867

Macoma edentula (Broderip et Sowerby): CM25761

Chione astartoides (Beck): CM25762

Cardium sp.: CM25764

Mytilus sp.: CM25766

Cardium tristiculum Yokoyama: CM25767 (missing)

Ostrea gigas Thunberg: CM25768, CM25810

Chrysodomus despectus (Linné): CM25769, CM25801, CM25802, CM25828

Chrysodomus sp.: CM25770

Cardium nuttallii Conrad: CM25771 (missing), CM25792, CM25837

Mytilus sp.: CM25772

Mya crassa Grewinck ?: CM25773, CM25796

Venericardia sp.: CM25774 (missing)

Phacoides sp.: CM25775 (missing)

Yoldia sagittaria Yokoyama: CM25776, CM25783 (missing)

Mactra sulcataria Deshayes: CM25777, CM25789

Venericardia sp.: CM25778 (missing)

Natica sp.: CM25780

Tellina sp.: CM25782 (missing)

Pecten takahashii Yokoyama: CM25784, CM25812, CM25813, CM25814

Mactra sp.: CM25786

Cardium groenlandicum Chemnitz: CM25787, CM25869

Yokoyama, M. (1931a): continued

Cardium sp.: CM25788 (missing)

Turritella sp.: CM25790 (missing)

Tellina optiva Yokoyama: CM25794, CM25823 (missing), CM25868

Tellina sp.: CM25795

Dentalium tigillum Yokoyama: CM25804, Syntype

Modiola modiolus Linné: CM25799, CM25841

Venus (Mercenaria) stimpsoni Gould: CM25800, CM25809

Chrysodomus pericochlion Schreibers: CM25803 (missing)

Tapes ? sp.: CM25805

Modiolaria ? sp.: CM25807 (missing)

Solemya sp. (aff. *tokunagai* Yokoyama): CM25808 (missing)

Mya arenaria Linné: CM25815, CM25860, CM25865, CM25866

Diplodonta semiaspera Philippi: CM25816 (missing)

Venericardia ferruginea Adams: CM25817 (missing)

Leda cf. *sadoensis* Yokoyama: CM25818

Nucula poronaica Yokoyama: CM25819 (missing)

Solemya sp. (aff. *yamakawai* Yokoyama): CM25820

Sigaretus oblongus Reeve: CM25822

Tellina sp.: CM25824

Mytilus sp.: CM25825 (missing)

Acila mirabilis (Adams et Reeve): CM25826

Cardium sp.: CM25829

Cardium sp.: CM25830

Diplodonta turgidula Yokoyama: CM25832, Syntype

Dentalium sp.: CM25835 (missing)

Venus rigida Gould: CM25836

Pecten sp.: CM25838

Arca sp.: CM25839

Glycimeris sp.: CM25840

Venericardia pacifera Yokoyama: CM25842, CM25845

Macrocallista brevisiphonata (Carpenter): CM25843, CM25862

Cardium sp.: CM25844

Voluta megaspira Sowerby: CM25846 (missing)

Yokoyama, M. (1931a): continued

Crepidula jimboana Yokoyama: CM25849, CM25850, CM25851, CM25852, CM25853, CM25854, CM25855, CM25856, CM25857, CM25858, CM25859, Syntypes

Dosinia troscheli Lischke: CM25861

Glycimeris sp.: CM25863

Cardium sp.: (aff. *elongatum* Brugiere): CM25864

Yokoyama, M. (1931b): Tertiary mollusca from Iwaki. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec. 2, vol.3, pt.4, pp.197-204, pls.12,13.

CM25880. *Nassa iwakiana* Yokoyama, p.200, pl.12, fig.7, Syntype.

CM25881. *Nassa iwakiana* Yokoyama, p.200, pl.12, fig.8, Syntype. (missing)

CM25896. *Murex polygonulus* Lamarck, p.200, pl.12, fig.3a,b.

CM25900. *Bittium intaminatum* Yokoyama, p.201, pl.12, fig.5a,b, Syntype.

CM25913. *Turritella* sp., p.201, pl.12, fig.4.

CM25918. *Natica kiritaniana* Yokoyama, p.201, pl.12, fig.2a-c, Syntype.

CM25956. *Chlorostoma xanthostigma* (A. Adams), p.202, pl.12, fig.6a,b.

CM25957. *Solariella sakya* Yokoyama, p.202, pl.12, fig.9a-c, Holotype.

CM25966. *Cardium shiobarense* Yokoyama, p.202, pl.12, fig.1a,b. (missing)

CM25974. *Pecten kaneharai* Yokoyama, p.203, pl.13.

The following specimens, though not illustrated, were also treated in this paper.

Mangelia deshayesii Dunker: CM25872

Cancellaria asperella Lamarck var. *reeviana* Crosse: CM25873, CM25874

Olivella fortunei (Adams): CM25875, CM25876

Nassa (Niotha) livescens Philippi: CM25877, CM25878

Nassa (Hima) fraterculus Dunker: CM25879 (missing)

Nassa (Hima) iwakiana Yokoyama: CM25882, CM25883, CM25884, CM25885, CM-25886, CM25887, CM25888, CM25889, CM25890, CM25891, CM25892

Columbella (Atilia) smithi Yokoyama: CM25893, CM25894

Trophon nipponicus Yokoyama: CM25895

Cerithium kobelti Dunker: CM25897, CM25898

Potamides (Tympanotomus) fluviatilis (Potiez et Michaud): CM25899 (missing)

Bittium intaminatum Yokoyama: CM25901, CM25902, CM25903, CM25904, CM25905, CM25906, CM25907, CM25908, CM25909, CM25910, CM25911, CM25912, Syntypes

Turritella sp.: CM25914, CM25915

Yokoyama, M. (1931b): continued

Crepidula convexa Yokoyama: CM25916

Natica (Neverita) ampla Philippi: CM25917

Natica kiritaniana Yokoyama: CM25919, CM25920, CM25921, CM25922, CM25923, CM25924, CM25925, CM25926, CM25927, CM25928, CM25929, CM25930, CM25931, CM25932, CM25933, CM25934, CM25935, CM25936, CM25937, CM25938, CM25939, CM25940, CM25941, CM25942, CM25943, CM25944, CM25945, CM25946, CM25947, CM25948, CM25949, CM25950, CM25951, CM25952, CM25953, Syntypes

Odostomia shimosensis Yokoyama: CM25954

Turbo (Marmorostoma) granulatus Gmelin: CM25955

Macoma dissimilis (Martens): CM25958, CM25959

Macoma inquinata (Deshayes): CM25960

Mactra sulcataria Deshayes: CM25961

Mercenaria stimpsoni Gould: CM25962, CM25963

Dosinia angulosa Philippi: CM25964

Cardium shiobarense Yokoyama: CM25965,

Diplodonta usta Gould: CM25969

Phacoides borealis (Linné): CM25970, CM25971

Anomia cytaeum Griffith: CM25972

Pecten kaneharai Yokoyama: CM25973, CM25975

Pecten plebejus Yokoyama: CM25976, CM25977

Pecten akitanus Yokoyama: CM25978, CM25979, CM25980

Ostrea gigas Thunberg: CM25981, CM25982, CM25983, CM25984

Arca subcrenata Lischke: CM25985, CM25986, CM25987, CM25988, CM25989, CM25990, CM25991

Glycimeris albolineatus (Lischke): CM25992

Glycimeris yessoensis (Sowerby): CM25993, CM25994

Leda yabei Yokoyama: CM25995 (missing)

Acila insignis (Gould): CM25996

Magadina cumingii (Davidson): CB25997

Yokoyama, M. (1932a): Tertiary mollusca from the coalfield of Uryu, Ishikari. *Jour. Fac. Sci. Imp. Univ. Tokyo,* sec.2, vol.3, pt.6, pp.221-247, pls.1-4.

CM26002. *Perissolax lymani* Yokoyama, p.235, pl.1, fig.1, Holotype.

CM26003. *Coralliophila tokudai* Yokoyama, p.235, pl.2, fig.1, Holotype.

Yokoyama, M. (1932a): continued

CM26007. *Cerithidea ishikariensis* Yokoyama, p.236, pl.1, fig.4, Syntype. (missing)

CM26008. *Cerithidea ishikariensis* Yokoyama, p.236, pl.1, fig.5, Syntype.

CM26009. *Cerithidea ishikariensis* Yokoyama, p.236, pl.1, fig.6, Syntype.

CM26010. *Cerithidea ishikariensis* Yokoyama, p.236, pl.1, fig.7, Syntype.

CM26018. *Viviparus uryuensis* Yokoyama, p.236, pl.1, fig.8, Syntype. (missing)

CM26019. *Viviparus uryuensis* Yokoyama, p.236, pl.1, fig.9, Syntype.

CM26020. *Viviparus uryuensis* Yokoyama, p.236, pl.1, fig.10, Syntype.

CM26052. *Thiara fiscina* Yokoyama, p.237, pl.1, fig.2, Syntype.

CM26053. *Thiara fiscina* Yokoyama, p.237, pl.1, fig.3, Syntype.

CM26087. *Calliostoma subunicum* Yokoyama, p.238, pl.1, fig.11, Holotype.

CM26095. *Martesia pulchella* Yokoyama, p.238, pl.2, fig.5, Holotype.

CM26101. *Corbula pumpellyi* Yokoyama, p.239, pl.2, fig.6, Holotype.

CM26126. *Cyclina ? shirokiana* Yokoyama, p.239, pl.2, fig.7, Holotype.

CM26134. *Venus ? sannosawensis* Yokoyama, p.239, pl.3, fig.6, Syntype.

CM26136. *Venus ? okadana* Yokoyama, p.240, pl.2, fig.8, Syntype.

CM26137. *Venus ? okadana* Yokoyama, p.240, pl.2, fig.9, Syntype.

CM26147. *Circe tokudai* Yokoyama, p.240, pl.2, fig.2, Syntype.

CM26148. *Circe tokudai* Yokoyama, p.240, pl.2, fig.3, Syntype.

CM26149. *Circe tokudai* Yokoyama, p.240, pl.2, fig.4, Syntype.

CM26205. *Paphia munroei* Yokoyama, p.241, pl.3, fig.3, Syntype.

CM26206. *Paphia munroei* Yokoyama, p.241, pl.3, fig.4, Syntype. (missing)

CM26247. *Cardita mandaica* Yokoyama, p.242, pl.2, fig.10. (missing)

CM26260. *Cyrena verecunda* Yokoyama, p.242, pl.3, fig.5a, Syntype.

CM26261. *Cyrena verecunda* Yokoyama, p.242, pl.3, fig.5b, Syntype.

CM26264. *Nodularia subjapanensis* Yokoyama, p.242, pl.4, fig.3, Syntype.

CM26266. *Nodularia pisciformis* Yokoyama, p.243, pl.3, fig.1, Syntype.

CM26267. *Nodularia pisciformis* Yokoyama, p.243, pl.3, fig.2, Syntype.

CM26273. *Nodularia* cf. *biwae* Kobelt, p.243, pl.4, fig.4.

CM26277. *Margaritana perdahurica* Yokoyama, p.244, pl.4, fig.2, Syntype.

CM26280. *Anodonta suavis* Yokoyama, p.244, pl.4, fig.1, Syntype.

CM26284. *Pholadomya* sp., p.245, pl.3, fig.7.

CM26310. *Yoldia breviscapha* Yokoyama, p.245, pl.4, fig.5, Syntype. (missing)

Yokoyama, M. (1932a): continued

The following specimens, though not illustrated, were also treated in this paper.

Pleurotoma sadoensis Yokoyama: CM25998

Siphonalia sp.: CM25999

Buccinum undatum (Linné): CM26000

Buccinum sp.: CM26001

Searlesia japonica Yokoyama: CM26004

Cerithidea ishikariensis Yokoyama: CM26005, CM26006, CM26011, CM26012, CM26013, Syntypes

Vermetus sp.: CM26014

Turritella kiiensis Yokoyama: CM26015, CM26016, CM26017

Viviparus uryuensis Yokoyama: CM26021, CM26022, CM26023, CM26024, CM26025, CM26026, CM26027, CM26028, CM26029, CM26030, CM26031, CM26032, CM26033, CM26034, CM26035, CM26036, CM26037, CM26038, CM26039, CM26040, CM26041, CM26042, CM26043, CM26044, CM26045, CM26046, CM26047, CM26048, CM26049, CM26050, Syntypes

Thiara fiscina Yokoyama: CM26051, CM26054, CM26055, CM26056, CM26057, CM-26058, CM26059, CM26060, CM26061, CM26062, CM26063, CM26064, CM26065, CM26066, CM26067, CM26068, CM26069, CM26070, CM26071, Syntypes

Crepidula jimboana Yokoyama: CM26072, CM26073, CM26074, CM26075 (missing)

Natica janthostoma Deshayes: CM26076 (missing), CM26077, CM26078

Natica kiritaniana Yokoyama: CM26079, CM26080, CM26081

Natica sp.: CM26082, CM26083 (missing), CM26084 (missing)

Sinum neritoideum (Linné): CM26085, CM26086

Umbonium ishiianum Yokoyama: CM26088, CM26089

Umbonium sp.: CM26090

Patella sp.: CM26091

Dentalium cf. *weinkauffi* Dunker: CM26092

Dentalium sp.: CM26093 (missing), CM26094

Teredo sp.: CM26096

Panope generosa (Gould): CM26097, CM26098, CM26099

Corbula iburica Yokoyama: CM26100

Mactra sulcataria Deshayes: CM26102, CM26103, CM26104

Mactra sachalinensis Schrenck: CM26105, CM26106

Solen cf. *krusensterni* Gould: CM26107

Solen sp.: CM26108

Yokoyama, M. (1932a): continued

Siliqua sp.: CM26109

Cultellus sp.: CM26110

Macoma nipponica (Tokunaga): CM26111, CM26112

Macoma praetexta (Martens): CM26113

Macoma dissimilis (Martens): CM26114

Tellina venulosa Schrenck: CM26115 (missing), CM26116

Tellina sp.: CM26117, CM26118

Tellina sp.: CM26119

Tellina sp.: CM26120

Tellina sp.: CM26121

Tellina ? sp.: CM26122

Dosinia angulosa Philippi: CM26123

Cyclina chinensis Chemnitz: CM26124 (missing), CM26125

Macrocallista brevisiphonata (Carpenter): CM26127, CM26128, CM26129, CM-26130

Venus stimpsoni Gould: CM26131, CM26132

Venus rigidus Gould: CM26133

Venus ? sannosawensis Yokoyama: CM26135, Syntype

Venus ? okadana Yokoyama: CM26138, CM26139, CM26140, CM26141, CM26142, CM26143, CM26144, CM26145, Syntypes

Circe tokudai Yokoyama: CM26150, CM26151, CM26152, CM26153, CM26154, CM26155, CM26156, CM26157, CM26157, CM26158, CM26159, CM26160, CM26161, CM26162, CM26163, CM26164, CM26165, CM26166, CM26167, CM26168, CM26169, CM26170, CM26171, CM26172, CM26173, CM26174, CM26175, CM26176, CM26177, CM26178, CM26179, CM26180, CM26181, CM26182, CM26183, CM26184, CM26185, CM26186, CM26187, CM26188, CM26189, CM26190, CM26191, CM26192, CM26193, CM26194, CM26195, CM26196, CM26197, CM26198, CM26199, CM26200, CM26201, Syntypes

Paphia variegata (Hanley): CM26202 (missing), CM26203

Paphia philippinarum (Adams): CM26204

Paphia munroei Yokoyama: CM26207, CM26208, CM26209, CM26210, CM26211, CM-26212, CM26213, CM27214, CM28215, CM26216, CM26217, CM26218, CM26219, CM26220, CM26221, CM26222, CM26223, CM26224, CM26225, CM26226, CM26227, CM26228, CM26229, CM26230, CM26231, CM26232, CM26233, CM26234, Syntypes

Cardium groenlandicum Chemnitz: CM26235, CM26236

Cardium nuttallii Conrad: CM26237, CM26238, CM26239, CM26240, CM26241

Cardium tristiculum Yokoyama: CM26242 (missing), CM26243

Cardium sp.: CM26244

Yokoyama, M. (1932a): continued

Diplodonta usta Gould: CM26245

Phacoides borealis (Linné): CM26246

Cardita mandaica Yokoyama: CM26248 (missing)

Venericardia tokunagai Yokoyama: CM26249

Venericardia cf. *ferruginea* (Adams): CM26250 (missing), CM26251, CM26252 (missing), CM26253

Venericardia sp.: CM26254 (missing)

Crassatellites heteroglyptus (Pilsbry): CM26255, CM26256, CM26257

Corbicula sp.: CM26258

Corbicula sp.: CM26259

Cyrena sp.: CM26262, CM26263

Nodularia subjapanensis Yokoyama: CM26265, Syntype

Nodularia pisciformis Yokoyama: CM26268, CM26269, CM26270, CM26271, CM 26272, Syntypes

Nodularia cf. *biwae* Kobelt: CM26274, CM26275, CM26276 (missing)

Margaritana perdahurica Yokoyama: CM26278, CM26279, Syntypes

Anodonta suavis Yokoyama: CM26281, CM26282, Syntypes

Anodonta ? sp.: CM26283

Mytilus grayanus Dunker: CM26285, CM26286, CM26287

Mytilus takiensis Yokoyama: CM26288

Modiolus cf. *barbatus* (Linné): CM26289, CM26290, CM26291, CM26292

Lima sp.: CM26293 (missing)

Chlamys cf. *yessoensis* (Jay): CM26294

Chlamys takahashii Yokoyama: CM26295

Chlamys tokyoensis Tokunaga: CM26296

Chlamys swiftii (Bernardi): CM26297

Ostrea gigas Thunberg: CM26298, CM26299, CM26300, CM26301, CM26302

Arca kobeltiana Pilsbry: CM26303

Arca sp.: CM26304, CM26305

Glycimeris sp.: CM26306

Yoldia sagittaria Yokoyama: CM26307 (missing), CM26308 (missing)

Yoldia scapha Yokoyama: CM26309 (missing)

Yoldia sp.: CM26311 (missing)

Yoldia sp.: CM26312 (missing)

Yokoyama, M. (1932a): continued

Leda sp.: CM26313

Nucula poronaica Yokoyama: CM26314

Nucula sp.: CM26315

Yoshiwara, S. (1901): Notes on the raised coral reefs in the islands of the Riukiu curve. *Jour. Coll. Sci., Imp. Univ. Tokyo,* vol.16, pt.1, pp.1-14, pl.1.

CF13350. *Operculina* sp., pl.14, pl.1, fig.1. (missing)

CF13351. *Operculina* sp., pl.14, pl.1, fig.2. (missing)

Yoshiwara, S. and Iwasaki, J. (1902): Notes on a new fossil mammal. *Jour. Coll. Sci., Imp. Univ. Tokyo,* vol.16, art.6, pp.1-13, pls.1-3.

CV13352. Mammalia gen. and sp. indet., p.2, pl.3, fig.6a,b.

CV13353. Mammalia gen. and sp. indet., p.3, pls.1,2. (missing)

CV13354. Mammalia gen. and sp. indet., p.7, pl.3, fig.1a,b. (missing)

CV13355. Mammalia gen. and sp. indet., p.7, pl.3, fig.2a,b. (missing)

CV13356. Mammalia gen. and sp. indet., p.7, pl.3, fig.3a,b. (missing)

CV13357. Mammalia gen. and sp. indet., p.8, pl.3, fig.4. (missing)

CV13358. Mammalia gen. and sp. indet., p.8, pl.3, fig.5a,b. (missing)

CV13359. Mammalia gen. and sp. indet., p.9, pl.3, fig.7a,b. (missing)

INDEX OF TAXONOMIC NAMES

In this index taxonomic names of type and illustrated specimens of Cenozoic fossils and Recent organisms registered in the Department of Historical Geology and Palaeontology are classified into higher taxonomic groups (mainly classes) and alphabetically listed. Each taxonomic name is followed by author name and date of relevant descriptive paper and register number(s). The spelling of taxonomic names in original descriptions, if nomenclaturally incorrect, is not amended here. See the preceding "List of type and illustrated specimens by papers" (pp.7-394) for further details.

INDEX OF TAXONOMIC NAMES

PLANTAE

CENOZOIC PLANTAE

Cedroxylon sp.: Yokoyama, 1911b [CP20002]

Cycas Fujiana: Yokoyama, 1911b [CP20001], Makiyama, 1957 [CP20001]

Lithothamnium ramosissimum: Nishiwada, 1894 [CP15253-15256], Nishiwada, 1895 [CP15253-15256]

Millepora sp.: Nishiwada, 1894 [CP15258], Nishiwada, 1895 [CP15258]

PROTISTA

CENOZOIC FORAMINIFERA

Alveolina javana: Iwasaki and Aoshima, 1970 [CF15344]

Cyclammina aff. *ezoensis*: Sugita, 1962 [CF15320-15323]

Cyclammina cancellata: Sugita, 1962 [CF15324,15325]

Nummulites boninensis: Iwasaki and Aoshima, 1970 [CF15342,15343,15345]

Operculina sp.: Yoshiwara, 1901 [CF13350,13351]

COELENTERATA

CENOZOIC COELENTERATA

Acropora sp.: Taki and Oyama, 1954 [CC22006]

Heliastraea sp.: Yokoyama, 1911c [CC22004,22005]

Heterocyathus sp.: Yokoyama, 1927d [CC25006], Makiyama, 1959 [CC25006]

Madrepora sp.: Yokoyama, 1911c [CC22006]

Orbicella sp.: Taki and Oyama, 1954 [CC22004,22005]

Stylophora sp.: Nishiwada, 1894 [CC15257], Nishiwada, 1895 [CC15257]

BRACHIOPODA

CENOZOIC BRACHIOPODA

Coptothyris grayi: Otuka, 1936c [CB12819], Otuka, 1943a [CB13221], Taki and Oyama, 1954 [CB21661,21662]

Coptothyris grayi aomoriensis: Otuka, 1934 [CB12109-12113]

Eudesia grayi: Yokoyama, 1922a [CB21661-21663], Yokoyama, 1927a [CB24175]

Eudesia? sp.: Makiyama, 1957 [CB21717,21718]

Eudesia(?) sp.: Yokoyama, 1923a [CB21717-21719]

Hemithyris psittacea var. *woodwardi*: Yokoyama, 1925c [CB22655], Yokoyama, 1926f [CB23310,23311], Yokoyama, 1926j [CB27244], Yokoyama, 1928b [CB 25406]

Cenozoic Brachiopoda (continued)

Hemithyris psittaceae woodwardi: Otuka, 1934 [CB12114-12116]

Hemithyris psittacea woodwardi: Makiyama, 1958 [CB22655]

Laqueus rubellus: Yokoyama, 1926a [CB24690], Yokoyama, 1928b [CB25404], Otuka, 1934 [CB12120]

Laqueus? sp.: Taki and Oyama, 1954 [CB20711]

Lingula hians: Tokunaga, 1906 [CB13686], Yokoyama, 1927a [CB24176], Yokoyama, 1927c [CB24971-24973]

Lingula rostrum: Taki and Oyama, 1954 [CB24176]

Magellania lenticularis: Yokoyama, 1926a [CB24691]

Magellania lenticularis innaiensis: Otuka, 1934 [CB12117]

Magellania sp.: Otuka, 1934 [CB12119]

Pereudesia grayi var. *transversa*: Yokoyama, 1925a [CB22364]

Rhynchonella psittacea var. *woodwardi*: Yokoyama, 1922a [CB21664]

Terebratalia coreanica: Taki and Oyama, 1954 [CB20709,20710]

Terebratalia gouldi: Yokoyama, 1925c [CB22654], Yokoyama, 1926f [CB23309], Taki and Oyama, 1954 [CB20702-20707], Makiyama, 1958 [CB23309]

Terebratalia? sp.: Otuka, 1934 [CB12118]

Terebratalia yokoyamai: Makiyama, 1958 [CB22653]

Terebratella coreanica: Yokoyama, 1920 [CB20709,20710], Yokoyama, 1922a [CB21659], Yokoyama, 1923a [CB21710], Yokoyama, 1926f [CB23306]

Terebratella excelsa: Yokoyama, 1925c [CB22653]

Terebratella? excelsa: Makiyama, 1957 [CB21711,21712]

Terebratella(?) excelsa: Yokoyama, 1923a [CB21711-21714]

Terebratella frontalis: Yokoyama, 1926f [CB23307,23308]

Terebratella nipponensis: Yokoyama, 1920 [CB20712]

Terebratella Nipponensis: Yokoyama, 1910a [CB20712]

"Terebratella" nipponensis: Taki and Oyama, 1954 [CB20712]

Terebratella pulvinata: Yokoyama, 1920 [CB20711], Yokoyama, 1922a [CB21660]

Terebratella? sp.: Makiyama, 1957 [CB21715]

Terebratella(?) sp.: Yokoyama, 1923a [CB21715,21716]

Terebratula miikensis: Yokoyama, 1911b [CB20004], Makiyama, 1957 [CB20004]

Terebratulina Cailleti: Yokoyama, 1910a [CB20697,20699,20700]

Terebratulina caput-serpentis: Yokoyama, 1920 [CB20697-20701,20721], Yokoyama, 1925a [CB22362,22363]

Terebratulina crossei: Taki and Oyama, 1954 [CB20692-20694]

Terebratulina crossii: Yokoyama, 1920 [CB20692-20696]

Cenozoic Brachiopoda (continued)

Terebratulina Crossii: Yokoyama, 1910a [CB20692-20694]

Terebratulina japonica: Yokoyama, 1925d [CB22766-22771], Yokoyama, 1926a [CB24688], Yokoyama, 1928b [CB25405], Makiyama, 1958 [CB22766,22767]

Terebratulina peculiaris: Taki and Oyama, 1954 [CB20697-20700]

Terebratulina quantoensis: Yokoyama, 1920 [CB20702-20708]

Terebratulina Quantoensis: Yokoyama, 1910a [CB20702-20705,20707]

Terebratulina septentrionalis: Yokoyama, 1926a [CB24685-24687]

Waldheimia elongata: Tokunaga, 1906 [CB13685]

Waldheimia grayi: Tokunaga, 1906 [CB13684]

ANNELIDA

CENOZOIC ANNELIDA

Cadulus gordonis: Yokoyama, 1920 [CW20328,20329]

Dentalium edoense: Yokoyama, 1920 [CW20325-20327], Yokoyama, 1922a [CW21147-21149,21152], Yokoyama, 1927a [CW23899,23900], Yokoyama, 1927c [CW24879], Yokoyama, 1928a [CW25182,25183]

Dentalium edoensis: Tokunaga, 1906 [CW13523,13524]

Ditrupa edoensis: Taki and Oyama, 1954 [CW20325], Oyama, 1973 [CW20325, 20328,20329]

Ditrupa? gordonis: Taki and Oyama, 1954 [CW20328,20329]

Hydroides defrenatus: Taki and Oyama, 1954 [CW23754,23755], Oyama, 1973 [CW23754,23755]

Hydroides reticulatus: Oyama, 1973 [CW21851,21852]

Pomatoceros sp.: Taki and Oyama, 1954 [CW21850], Oyama, 1973 [CW21850]

Serpula mirifica: Yokoyama, 1923d [CW24677], Makiyama, 1957 [CW24677]

Spiroglyphus tricarinatus: Yokoyama, 1924a [CW21849]

Spirorbis perplanorbis: Taki and Oyama, 1954 [CW24286], Oyama, 1973 [CW 24286]

Spirorbis tricarinatus: Taki and Oyama, 1954 [CW21849], Oyama, 1973 [CW 21849]

Tubicolous Annelids: Yokoyama, 1923a [CW21720]

Vermetus defrenatus: Yokoyama, 1927a [CW23754,23755]

Vermetus perplanorbis: Yokoyama, 1927b [CW24286]

Vermetus reticulatus: Yokoyama, 1924a [CW21850-21854,22015]

MOLLUSCA

CENOZOIC GASTROPODA

Abderospira punctulata: Taki and Oyama, 1954 [CM20763], Oyama, 1973 [CM 20763]

Aclis(?) angulifera: Taki and Oyama, 1954 [CM21093], Oyama, 1973 [CM21093]

Acmaea (Acmaea) pallida: Taki and Oyama, 1954 [CM20302,20303]

Acmaea angustitesta: Yokoyama, 1926f [CM23194]

Acmaea asmiiformis: Yokoyama, 1926f [CM23189,23190]

Acmaea asperulata: Yokoyama, 1926f [CM23191]

Acmaea concinna: Yokoyama, 1926f [CM23185,23186]

Acmaea conulus: Tokunaga, 1906 [CM13506]

Acmaea heroldi: Yokoyama, 1920 [CM20297-20299]

Acmaea kuragiensis: Yokoyama, 1920 [CM20300], Yokoyama, 1926f [CM23184]

Acmaea nojimensis: Yokoyama, 1920 [CM20301]

"Acmaea" nojimensis: Taki and Oyama, 1954 [CM20301]

Acmaea oblongata: Yokoyama, 1926f [CM23192,23193]

Acmaea pallida: Oyama, 1973 [CM20302,20303]

Acmaea schrencki: Yokoyama, 1925c [CM22570], Yokoyama, 1926j [CM27200], Yokoyama, 1927c [CM24874]

Acmaea schrenckii: Yokoyama, 1926f [CM23187,23188]

Acmaea sp.: Otuka, 1934 [CM12054]

Acmaea sp.: Yokoyama, 1925a [CM22176]

Actaeon? ogurai: Otuka, 1938c [CM12759]

Actaeon ozawai: Otuka, 1938c [CM12758,12766]

Actaeon tornatilis var. *nipponensis*: Yokoyama, 1927a [CM23599-23601]

Actaeopyramis eximia: Taki and Oyama, 1954 [CM21041], Oyama, 1973 [CM21041]

Actaeopyramis lectissimoides: Taki and Oyama, 1954 [CM23838], Oyama, 1973 [CM23838]

Acteocina (Acteocina) dulcis: Taki and Oyama, 1954 [CM24188]

Acteocina (Acteocina) exilis: Taki and Oyama, 1954 [CM20736]

Acteocina (Decorifer) delicatula: Oyama, 1973 [CM20746]

Acteocina (Decorifer) globosa: Oyama, 1973 [CM20743]

Acteocina (Decorifer) globosa var.: Oyama, 1973 [CM23607]

Acteocina (Decorifer) longispirata: Oyama, 1973 [CM20740]

Acteocina (Didontoglossa) koyasensis: Taki and Oyama, 1954 [CM24187], Oyama, 1973 [CM24187,24188]

Acteocina exilis: Otuka, 1932 [CM10637], Otuka, 1935b [CM12468]

Cenozoic Gastropoda (continued)

Acteocina sp.: Otuka, 1932 [CM10638]

Acteocina (Tornatina) exilis: Oyama, 1973 [CM20736]

Acteocina (Tornatina) gordonis: Oyama, 1973 [CM24190]

Acteon (Japanacteon) nipponensis: Oyama, 1973 [CM23599]

Acteon nipponensis: Taki and Oyama, 1954 [CM23599]

Adamnestia japonica: Taki and Oyama, 1954 [CM20036,20045,20754], Oyama, 1973 [CM20036,20045,20754]

Admete cancellata: Oyama, 1973 [CM20091]

Admete cf. *japonica lischkei*: Makiyama, 1959 [CM26316b]

Admete lischkei: Chinzei, 1959 [CM8535,8536]

Admete murayamai: Makiyama, 1958 [CM23564]

Admete tabatai: Makiyama, 1958 [CM23102], Chinzei, 1973 [CM8111]

Admete viridula: Yokoyama, 1920 [CM20091]

Admete yokoyamai: Taki and Oyama, 1954 [CM20091]

Aesopus japonicus: Taki and Oyama, 1954 [CM20789], Oyama, 1973 [CM20789]

Aforia nojimensis: Taki and Oyama, 1954 [CM20085], Oyama, 1973 [CM20085]

Agatha brevis: Taki and Oyama, 1954 [CM21031,21063], Oyama, 1973 [CM21031, 21063]

Algaroda incisa: Makiyama, 1959 [CM24844]

Alvania (Actonia) sadoensis: Makiyama, 1958 [CM23127]

Alvania (Arsenia) akibai: Makiyama, 1958 [CM23136]

Alvania asura: Makiyama, 1958 [CM23129]

Alvania awa: Chinzei, 1959 [CM8513-8519]

Alvania concinna: Otuka, 1935b [CM12349,12350], Taki and Oyama, 1954 [CM 21858], Oyama, 1973 [CM21858]

Alvania ferruginea: Makiyama, 1958 [CM23131]

Alvania maya: Otuka, 1939a [CM12854]

Alvania (Nishiyama) sitta: Makiyama, 1958 [CM23132]

Alvania (Taramellia) maya: Makiyama, 1958 [CM23134,23135]

Amaea (Acrilla) uwadokoi: Otuka, 1943b [CM13253]

Amaea densicostata: Taki and Oyama, 1954 [CM20238a,20238b], Oyama, 1973 [CM20238a,20238b]

Amaea ojiensis: Taki and Oyama, 1954 [CM23798], Oyama, 1973 [CM23798]

Amaea picturata: Taki and Oyama, 1954 [CM21017]

Amathina nobilis: Yokoyama, 1931a [CM25870], Makiyama, 1959 [CM25870]

Cenozoic Gastropoda (continued)

Amphithalamus? tumukiensis: Otuka, 1935b [CM12348]

Amphithalamus yendoi: Otuka, 1935b [CM12347]

Ampullina asagaiensis: Makiyama, 1957 [CM22064], Oyama, Mizuno and Sakamoto, 1960 [CM22064]

Ancilla angusta suavis: Makiyama, 1958 [CM23364]

Ancilla angustata: Makiyama, 1959 [CM25070]

Ancilla (Baryspira) albocallosa: Makiyama, 1957 [CM21740-21743]

Ancilla (Baryspira) hinomotoensis: Oyama, 1973 [CM20840]

Ancilla hinomotoensis: Yokoyama, 1922a [CM20840,20841], Taki and Oyama, 1954 [CM20840]

Ancilla miserula: Yokoyama, 1928a [CM25070-25073]

Ancilla okawai: Yokoyama, 1923b [CM21740-21744], Yokoyama, 1926g [CM23362, 23363], Yokoyama, 1926h [CM27122], Yokoyama, 1928a [CM25067-25069]

Ancilla rubiginosa: Yokoyama, 1926g [CM23361,27115], Makiyama, 1958 [CM 23361]

Ancilla suavis: Yokoyama, 1926g [CM23364]

Ancistrolepis fujitai: Okutani, 1968 [CM15391]

Ancistrolepis mitsuchii: Makiyama, 1958 [CM22545]

Ancistrolepis mogamiense: Otuka, 1941a [CM13256], Otuka, 1943b [CM13256]

Ancistrolepis yudaensis: Otuka, 1934 [CM12091-12093,13001]

Antiplanes kamchatica: Otuka, 1935b [CM12352], Makiyama, 1958 [CM23562, 23563]

Antiplanes perversa contraria: Otuka, 1936a [CM12785,12786]

Antiplanes (Rectiplanes) glabra: Taki and Oyama, 1954 [CM20086]

Antiplanes (Recetplanes) sadoensis: Chinzei, 1959 [CM8540-8542,8590]

Antiplanes (Rectiplanes) sanctiioannis: Makiyama, 1958 [CM23078]

Architectonica (Architectonica) yokoyamai: Oyama, 1973 [CM20970]

Architectonica (Solariaxis) lenticulata: Oyama, 1973 [CM20205]

Architectonica (Solariaxis) lenticulatum: Taki and Oyama, 1954 [CM20205]

Architectonica yokoyamai: Taki and Oyama, 1954 [CM20970]

Asperdaphne reticostulata: Taki and Oyama, 1954 [CM20815], Oyama, 1973 [CM 20815]

Asperdaphne subzonata: Otuka, 1935b [CM12460]

Asprella (Endemoconus) sieboldi: Taki and Oyama, 1954 [CM20057]

Asprella (Parviconus) tuberculosus: Taki and Oyama, 1954 [CM20058,20059], Okutani, 1968 [CM15411]

Cenozoic Gastropoda (continued)

Assiminea (Assiminea) japonica: Taki and Oyama, 1954 [CM24288], Oyama, 1973 [CM24288]

Asthenotoma yokoyamai notoensis: Otuka, 1935b [CM12454]

Astraea (Calcar) haematraga: Otuka, 1935b [CM12343,12344]

Astralium (Cyclocantha) haematragus: Yokoyama, 1924a [CM21881]

Astralium haematragum: Oyama, 1973 [CM21881]

Astyris sp.: Otuka, 1949 [CM13340]

Babylonia elata: Makiyama, 1957 [CM21756,21757]

Babylonia japonica: Taki and Oyama, 1954 [CM20885], Oyama, 1973 [CM20885]

Balcis glabroides: Taki and Oyama, 1954 [CM21024], Oyama, 1973 [CM21024]

Balcis krishna: Taki and Oyama, 1954 [CM21026], Oyama, 1973 [CM21026]

Balcis musta: Makiyama, 1959 [CM25169]

Balcis sagamiana: Taki and Oyama, 1954 [CM20240], Oyama, 1973 [CM20240]

Balcis shibana: Taki and Oyama, 1954 [CM23802], Oyama, 1973 [CM23802]

Balcis tokunagai: Taki and Oyama, 1954 [CM21021], Oyama, 1973 [CM21021]

Balcis yokosukensis: Taki and Oyama, 1954 [CM20239], Oyama, 1973 [CM20239]

Basilissa? laeviuscula: Yokoyama, 1922a [CM21121]

Bathybembix argenteo-nitens: Yokoyama, 1925a [CM22171,22172]

Bathybembix argenteonitens f. *convexiusculus*: Oyama, 1973 [CM20276]

Bathybembix crumpi yokoyamai: Oyama, 1973 [CM20270,20271]

Bathytoma striatituberculata: Makiyama, 1959 [CM25027]

Batillaria atukoae: Otuka, 1934 [CM12059,12060,12063]

Batillaria (Batillaria) multiformis: Taki and Oyama, 1954 [CM20189]

Batillaria (Batillaria) zonalis: Taki and Oyama, 1954 [CM21836]

Batillaria cumingi: Makiyama, 1958 [CM23121]

Batillaria multiformis: Otuka, 1935b [CM12364], Oyama, 1973 [CM20189]

Batillaria tateiwai: Otuka, 1934 [CM12062]

Batillaria (Tateiwaia) tateiwai: Otuka, 1938c [CM12750-12752], Makiyama, 1959 [CM25535]

Batillaria (Tateiwaia) yamanarii: Otuka, 1938c [CM12753,12754], Makiyama, 1959 [CM25528]

Batillaria yamanarii: Otuka, 1934 [CM12061]

Batillaria zonalis: Otuka, 1932 [CM10639]

Bedevina birileffi: Taki and Oyama, 1954 [CM20917], Makiyama, 1957 [CM24604], Makiyama, 1958 [CM23393], Oyama, 1973 [CM20917]

Cenozoic Gastropoda (continued)

Bela candida: Yokoyama, 1926f [CM23087-23090], Yokoyama, 1928b [CM25277]

Bela dissoluta: Yokoyama, 1926f [CM23093,23094]

Bela exquisita: Yokoyama, 1926f [CM23091,23092]

Bela kagana: Yokoyama, 1927c [CM24793-24796]

Bela ozawai: Yokoyama, 1926f [CM23083,23084]

Bela recticostulata: Yokoyama, 1922a [CM20815]

Bela rugulata var. *schneideri*: Yokoyama, 1922a [CM20813,20814], Yokoyama, 1925a [CM22117], Yokoyama, 1927c [CM24790-24792], Yokoyama, 1928a [CM 25059], Yokoyama, 1928b [CM25278]

Bela sattva: Yokoyama, 1926f [CM23082], Makiyama, 1958 [CM23082]

Belaturricula glabra: Oyama, 1973 [CM20086]

Bela yanamii: Yokoyama, 1926f [CM23085,23086]

Bellamya (Sinotaia) mabutii: Oyama, Mizuno and Sakamoto, 1960 [CM15162,15163]

Bellaspira (Lyromangilia) semicarinata: Taki and Oyama, 1954 [CM20081]

Bembix argenteonitens: Yokoyama, 1928a [CM25167]

Bembix convexiusculum: Yokoyama, 1920 [CM20276,20277]

Bembix convexiusculus: Yokoyama, 1928a [CM25168]

Bembix crumpii: Yokoyama, 1920 [CM20270-20275], Yokoyama, 1927a [CM23881], Yokoyama, 1928a [CM25166]

Bembix sp.: Yokoyama, 1925b [CM22486]

Benthovoluta hilgendorfi: Taki and Oyama, 1954 [CM20103], Oyama, 1973 [CM 20103]

Benthovoluta pauciplicata: Makiyama, 1959 [CM25091]

Beringius hanzoganensis: Yokoyama, 1931a [CM25742,25754,25755]

Beringius? hanzoganensis: Yokoyama, 1930c [CM25646], Makiyama, 1959 [CM 25297,25646]

Beringius(?) hanzoganensis: Yokoyama, 1928b [CM25297]

Beringius (Japelion) adelphicus: Yokoyama, 1924a [CM21832], Taki and Oyama, 1954 [CM21832]

Beringius (Japelion) pericochlion: Taki and Oyama, 1954 [CM20866]

Bittium acutangulum: Yokoyama, 1924a [CM21832], Taki and Oyama, 1954 [CM 21832]

Bittium alutaceum: Taki and Oyama, 1954 [CM21834,21838]

Bittium binodulosum: Yokoyama, 1920 [CM20187], Yokoyama, 1926e [CM23119], Yokoyama, 1927a [CM23744,23745], Yokoyama, 1927b [CM24264,24265], Yokoyama, 1927c [CM24834,24835], Yokoyama, 1928a [CM25140]

Bittium (Bittium) alutaceum numamuranum: Oyama, 1973 [CM21834,21838]

Cenozoic Gastropoda (continued)

Bittium (Bittium) binodulosum: Oyama, 1973 [CM20187]

Bittium (Bittium) glareosum: Oyama, 1973 [CM21841]

Bittium glareosum: Taki and Oyama, 1954 [CM21841]

Bittium intaminatum: Yokoyama, 1931b [CM25900-25912], Makiyama, 1959 [CM 25900], Iwasaki, 1970 [CM9352-9356]

Bittium misellissimum: Yokoyama, 1926g [CM23405,23406], Makiyama, 1958 [CM 23405,23406]

Bittium numamuranum: Yokoyama, 1924a [CM21834,21835,22003], Otuka, 1935b [CM12378,12379]

Bittium ozawai: Yokoyama, 1926f [CM23121,23122], Yokoyama, 1927c [CM24836], Yokoyama, 1928b [CM25319]

Bittium perpusillum: Yokoyama, 1920 [CM20186,20715], Yokoyama, 1924a [CM 21833]

Bittium (Plesiotrochus) acutangulum: Oyama, 1973 [CM21832]

Bittium satomii: Otuka, 1935b [CM12380-12382]

Bittium (Stylidium) horinjiense: Makiyama, 1959 [CM24834]

Bittium (Stylidium) yokosukense: Oyama, 1973 [CM20186]

Bittium tokudai: Makiyama, 1959 [CM25651]

Bittium(?) tuberculosum: Yokoyama, 1927c [CM24840]

Bittium venustellum: Yokoyama, 1927c [CM24837-24839]

Bittium yokosukense: Taki and Oyama, 1954 [CM20186]

Bittium yokoyamai: Otuka, 1936a [CM12782]

Boreotrophon echinus: Okutani, 1968 [CM15412]

Brachytoma jeffreysii: Otuka, 1935b [CM12453]

Brachytoma mediocarinata: Otuka, 1949 [CM13325,13326]

Brachytoma sp.: Otuka, 1937a [CM25523]

Brachytoma takeokensis: Otuka, 1949 [CM13309-13324], Okutani, 1968 [CM15403]

Brochina glabella: Taki and Oyama, 1954 [CM20965]

Buccinum kuratai: Otuka, 1943b [CM13259,13260]

Buccinum leucostoma: Yokoyama, 1920 [CM20134,20135], Yokoyama, 1925a [CM 22127-22134], Yokoyama, 1925c [CM22545,22546], Yokoyama, 1926c [CM22847], Yokoyama, 1926d [CM22974], Yokoyama, 1926e [CM23018], Yokoyama, 1926j [CM27189,27272], Yokoyama, 1927e [CM26321], Yokoyama, 1930c [CM25647-25649], Oyama, 1973 [CM20134]

Buccinum leucostoma var. *sachalinensis*: Yokoyama, 1929b [CM26881-26885]

Buccinum matajiroi: Makiyama, 1959 [CM26881,26882]

Buccinum sp.: Makiyama, 1959 [CM25756]

Cenozoic Gastropoda (continued)

Buccinum sp.: Yokoyama, 1932a [CM26001]

Buccinum suruganum: Taki and Oyama, 1954 [CM20134], Okutani, 1968 [CM15396, 15397]

Buccinum tsubai: Chinzei, 1973 [CM8102-8105]

Buccinum undatum: Tokunaga, 1906 [CM13415,13416], Yokoyama, 1931a [CM25756], Yokoyama, 1932a [CM26000]

Bulla multiarata: Yokoyama, 1922a [CM20763,20764]

Bulla ovula: Yokoyama, 1922a [CM20765], Yokoyama, 1927a [CM23627]

Bullia (Adenus?) chitanii: Yokoyama, 1926g [CM23382]

Bursa (Gyrineum) natatoria: Otuka, 1935b [CM12423]

Cadulus gordonis: Yokoyama, 1926h [CM27126]

Caecum (Brochina) glabellum: Oyama, 1973 [CM20965]

Caecum vitreum: Yokoyama, 1922a [CM20965]

Calliostoma cipangonum: Yokoyama, 1920 [CM20282]

Calliostoma ishiianum: Yokoyama, 1926i [CM23550]

Calliostoma kalavinka: Yokoyama, 1926f [CM23179], Makiyama, 1958 [CM23179]

Calliostoma kounjianum: Yokoyama, 1928a [CM25174]

Calliostoma multiliratum: Makiyama, 1958 [CM23550]

Calliostoma (Otukaia) kounjianum: Makiyama, 1959 [CM25174]

Calliostoma (Otukaia?) sp.: Iwasaki, 1970 [CM9278]

Calliostoma sagamianum: Yokoyama, 1920 [CM20283], Yokoyama, 1928a [CM25172]

Calliostoma subunicum: Yokoyama, 1932a [CM26087]

Calliostoma (Tristichotrochus) aculeatum: Taki and Oyama, 1954 [CM21104], Oyama, 1973 [CM21104]

Calliostoma (Tristichotrochus) consors: Taki and Oyama, 1954 [CM20283, 21115], Oyama, 1973 [CM20283,21115]

Calliostoma (Tristichotrochus) shinagawense cipangoanum: Taki and Oyama, 1954 [CM20282], Oyama, 1973 [CM20282]

Calliostoma unicum: Yokoyama, 1923b [CM21775], Yokoyama, 1926g [CM23426, 23427], Makiyama, 1958 [CM23426], Makiyama, 1959 [CM26087]

Calliostoma unicum shinagawensis: Otuka, 1932 [CM10640]

Calliostoma unicum var. *shinagawense*: Yokoyama, 1927b [CM24341-24343]

Calliostoma unicum var. *shinagawensis*: Yokoyama, 1922a [CM21115-21120], Yokoyama, 1927a [CM23883,23884], Yokoyama, 1928a [CM25173]

Calyptraea (Calyptraea) yokoyamai: Taki and Oyama, 1954 [CM20213], Oyama, 1973 [CM20213]

Cenozoic Gastropoda (continued)

Calyptraea mammilaris: Yokoyama, 1920 [CM20213], Yokoyama, 1922a [CM20983], Yokoyama, 1924b [CM22063], Yokoyama, 1925a [CM22158-22160], Yokoyama, 1925b [CM22474,22475], Yokoyama, 1926h [CM27124], Yokoyama, 1927b [CM 24303], Yokoyama, 1928a [CM25146,25147], Yokoyama, 1930a [CM25567-25569], Makiyama, 1957 [CM22063]

Calyptraea sp.: Yokoyama, 1926j [CM27279]

Calyptraea tokunagai: Oyama, Mizuno and Sakamoto, 1960 [CM22063]

Calyptrea sp.: Otuka, 1934 [CM12066]

Calyptrea sp.: Otuka, 1936c [CM13051]

Calyptrea yokoyamai tubura: Otuka, 1934 [CM12108]

Canarium (Doxander) japonicum: Oyama, 1973 [CM20948]

Canarium (Labiostrombus) japonicum: Taki and Oyama, 1954 [CM20948]

Cancellaria asperella var. *reeviana*: Yokoyama, 1922a [CM20827-20830], Yokoyama, 1926g [CM23353], Yokoyama, 1931b [CM25873,25874]

Cancellaria bocageana: Yokoyama, 1926g [CM23350-23352]

Cancellaria cf. *lischkei*: Yokoyama, 1927e [CM26316b]

Cancellaria cf. *nodulifera*: Makiyama, 1958 [CM23403]

Cancellaria crispata: Yokoyama, 1923b [CM21738]

Cancellaria (Habesolatia) nodulifera: Oyama, 1973 [CM20822]

Cancellaria hukusimana: Otuka, 1943a [CM13188], Iwasaki, 1970 [CM9389-9394]

Cancellaria japonica: Makiyama, 1958 [CM23098,23099]

Cancellaria kimikoae: Otuka, 1943a [CM13187]

Cancellaria limata: Yokoyama, 1928a [CM25063]

Cancellaria lischkei: Yokoyama, 1926f [CM23098-23101], Yokoyama, 1927c [CM 24803], Yokoyama, 1928a [CM25060-25062], Yokoyama, 1928b [CM25281-25283]

Cancellaria longispirata: Yokoyama, 1926f [CM23103], Makiyama, 1958 [CM 23103]

Cancellaria (Merica) kobayashii: Makiyama, 1959 [CM24808]

Cancellaria (Merica) laticosta: Taki and Oyama, 1954 [CM20827]

Cancellaria murayamai: Yokoyama, 1926j [CM23564], Otuka, 1936a [CM12796]

Cancellaria (Narona) nodulifera: Taki and Oyama, 1954 [CM20822]

Cancellaria (Narona) spengleriana: Otuka, 1935b [CM12450,12647]

Cancellaria nodulifera: Tokunaga, 1906 [CM13433], Yokoyama, 1922a [CM20822-20826], Yokoyama, 1926g [CM23349], Yokoyama, 1927a [CM23679]

Cancellaria pristina: Makiyama, 1957 [CM21745-21749]

Cancellaria sp.: Yokoyama, 1923d [CM24593], Makiyama, 1957 [CM24593]

Cancellaria spengleriana: Tokunaga, 1906 [CM13431,13432], Yokoyama, 1920

Cenozoic Gastropoda (continued)

[CM20087-20090], Yokoyama, 1922a [CM20816-20821], Yokoyama, 1926g [CM 23347,23348], Yokoyama, 1927a [CM23676-23678], Yokoyama, 1927b [CM24213-24216], Yokoyama, 1927c [CM24802]

Cancellaria (Sydaphera) spengleriana: Oyama, 1973 [CM20087,20088,20827]

Cancellaria (Sydaphera?) spengleriana: Taki and Oyama, 1954 [CM20087,20088]

Cancellaria tabatai: Yokoyama, 1926f [CM23102]

Cantharidus (Cantharidus) callichroa: Taki and Oyama, 1954 [CM20269]

Cantharidus (Cantharidus) callichrous: Oyama, 1973 [CM20269]

Cantharidus japonicus: Yokoyama, 1920 [CM20269], Yokoyama, 1924a [CM21888]

Capulus badius: Yokoyama, 1922a [CM20982], Yokoyama, 1930a [CM25566]

Capulus (Capulus) yokoyamai: Taki and Oyama, 1954 [CM20982]

Capulus yokoyamai: Oyama, 1973 [CM20982]

Cassis japonica: Yokoyama, 1925a [CM22144,22145], Yokoyama, 1925b [CM22464]

Cassis strigata: Yokoyama, 1922a [CM20937-20939], Yokoyama, 1927a [CM23737, 23738], Yokoyama, 1928b [CM25318]

Cathaica orithyia: Otuka, 1940a [CM13166-13173]

Ceratostoma (Ocenebra) aduncum: Taki and Oyama, 1954 [CM20923,20926], Oyama, 1973 [CM20923,20926]

Cerithidea (Cerithideopsilla) djadjariensis: Oyama, 1973 [CM20188]

Cerithidea (Cerithideopsilla) sirakii: Otuka, 1943a [CM13181]

Cerithidea (Cerithideopsilla) tokunagai: Otuka, 1938c [CM12749]

Cerithidea ishikariensis: Yokoyama, 1932a [CM26005-26013], Oyama, Mizuno and Sakamoto, 1960 [CM26008,26010]

Cerithiopsis crassicincta: Yokoyama, 1926f [CM23123,23124]

Cerithiopsis hilaris: Yokoyama, 1924a [CM21838,21839]

Cerithiopsis nodosocostatus: Yokoyama, 1922a [CM20955,20956]

Cerithiopsis pontilis: Yokoyama, 1927b [CM24282,24283]

Cerithiopsis pulviformis: Yokoyama, 1924a [CM21840]

Cerithiopsis satomii: Yokoyama, 1924a [CM21841,21942,22013], Yokoyama, 1926i [CM27145]

Cerithiopsis (Seila) trisulcatus: Yokoyama, 1922a [CM20957,20958]

Cerithium ancisum: Otuka, 1937a [CM13058]

Cerithium baculum: Yokoyama, 1923d [CM24606], Yokoyama, 1925a [CM22147, 22148]

Cerithium (Cerithiopsis) tabatensis: Tokunaga, 1906 [CM13486]

Cerithium (Clava) kochi: Yokoyama, 1922a [CM20949], Yokoyama, 1924a [CM 21831]. Yokoyama, 1927b [CM24266-24269]

Cenozoic Gastropoda (continued)

Cerithium (Contumax) kobelti: Iwasaki, 1970 [CM9284-9293,9388]

Cerithium excelsum: Yokoyama, 1928a [CM25129-25139]

Cerithium ishiianum: Yokoyama, 1926c [CM22851-22854]

Cerithium ishikariensis: Makiyama, 1959 [CM26007-26010]

Cerithium kobelti: Yokoyama, 1920 [CM20184,20185], Yokoyama, 1923d [CM 24605], Yokoyama, 1924a [CM21830], Yokoyama, 1926c [CM22850], Yokoyama, 1931b [CM25897,25898]

Cerithium kochi: Yokoyama, 1927a [CM23743]

Cerithium kochii: Tokunaga, 1906 [CM13484]

Cerithium nipporiensis: Tokunaga, 1906 [CM13485,13802]

Cerithium proavitum: Yokoyama, 1929a [CM25528-25534]

Cerithium (Proclava) ancisum: Otuka, 1938c [CM12756]

Cerithium (Proclava) kochi: Otuka, 1935b [CM12383,12384,12653], Taki and Oyama, 1954 [CM20949,24282]

Cerithium (Proclava) meisense: Otuka, 1938c [CM12755]

Cerithium sakamotoi: Yokoyama, 1929a [CM25535,25536]

Cerithium sp.: Yokoyama, 1925a [CM22149]

Cerithium tokudai: Yokoyama, 1930c [CM25651]

Chamalycaeus melanopoma: Oyama, 1973 [CM23889]

Chamalycaeus (Metalycaeus) melanopoma: Taki and Oyama, 1954 [CM23889]

Charonia cf. *sauliae*: Iwasaki, 1970 [CM9351]

Charonia sauliae: Taki and Oyama, 1954 [CM20880,23735], Oyama, 1973 [CM 20880,23735]

Chlorostoma miyatense: Yokoyama, 1920 [CM20266]

Chlorostoma quantoanum: Yokoyama, 1920 [CM20267], Yokoyama, 1924a [CM21887]

Chlorostoma rusticum: Yokoyama, 1926i [CM23549]

Chlorostoma sp.: Yokoyama, 1925b [CM22488]

Chlorostoma tokunagai: Yokoyama, 1920 [CM20268]

Chlorostoma umbilicata: Yokoyama, 1927a [CM23874]

Chlorostoma xanthostigma: Yokoyama, 1931b [CM25956]

Chrysallida (Babella) caelata: Otuka, 1935b [CM12638]

Chrysallida (Besla) bicinctella: Taki and Oyama, 1954 [CM23843], Oyama, 1973 [CM23843]

Chrysallida (Chrysallida) shibana: Taki and Oyama, 1954 [CM23845], Oyama, 1973 [CM23845]

Chrysallida (Miralda) gemma: Otuka, 1935b [CM12637]

Cenozoic Gastropoda (continued)

Chrysallida (Partulida) marielloides: Taki and Oyama, 1954 [CM21072], Oyama, 1973 [CM21072]

Chrysallida (Salassia) manzakiana: Taki and Oyama, 1954 [CM20975], Oyama, 1973 [CM20975]

Chrysallida (Salassiella) sp.: Oyama, 1973 [CM20245]

Chrysallida (Salassiella) takinogawensis: Taki and Oyama, 1954 [CM20245]

Chrysodomus arthriticus: Yokoyama, 1922a [CM20859-20865], Yokoyama, 1927a [CM23688,23689], Yokoyama, 1927c [CM24811,24812], Yokoyama, 1928a [CM 25106], Yokoyama, 1929b [CM26879,26880]

Chrysodomus despectus: Yokoyama, 1925b [CM22460], Yokoyama, 1925c [CM22543, 22544], Yokoyama, 1926d [CM23006], Yokoyama, 1926e [CM23017], Yokoyama, 1927e [CM26318,26319], Yokoyama, 1928b [CM25292,25293], Yokoyama, 1929b [CM26875,26876], Yokoyama, 1930c [CM25644,25645], Yokoyama, 1931a [CM 25769,25801,25802,25828]

Chrysodomus despectus var. *tuberculata*: Yokoyama, 1929b [CM26877,26878]

Chrysodomus modestus: Otuka, 1934 [CM12089,12090]

Chrysodomus pericochlion: Yokoyama, 1925a [CM22124-22126], Yokoyama, 1931a [CM25803]

Chrysodomus phoeniceus: Yokoyama, 1920 [CM20111-20115], Yokoyama, 1924b [CM22048,27039,27040], Yokoyama, 1925a [CM22121-22123]

Chrysodomus plicatus: Yokoyama, 1931a [CM25753]

Chrysodomus schrencki: Yokoyama, 1920 [CM20116-20119], Yokoyama, 1922a [CM 20866]

Chrysodomus sp.: Yokoyama, 1927e [CM26320]

Chrysodomus sp.: Yokoyama, 1931a [CM25770]

Chrysodomus uwasoensis: Otuka, 1935a [CM12650,13434]

Cingula dharma: Makiyama, 1958 [CM23138]

Cingula mundana: Makiyama, 1958 [CM23139]

Cingula (Pseudosetia) paludinoides: Otuka, 1935b [CM12346]

Cingulina (Cingulina) adamsi: Taki and Oyama, 1954 [CM20248]

Cingulina (Cingulina) cingulata: Taki and Oyama, 1954 [CM24331]

Cingulina (Cingulina) circinata: Oyama, 1973 [CM20248]

Cingulina (Cingulina) triarata: Oyama, 1973 [CM21089]

Cingulina (Polyspirella) cingulata: Oyama, 1973 [CM24331]

Cingulina pseudocingulata: Makiyama, 1958 [CM23165]

Cingulina (Pseudocingulina) triarata: Taki and Oyama, 1954 [CM21089]

Cingulina triarata: Otuka, 1935b [CM12403]

Cenozoic Gastropoda (continued)

Cipangopaludina isikariensis: Oyama, Mizuno and Sakamoto, 1960 [CM15161]

Cipangopaludina japonica: Taki and Oyama, 1954 [CM21121]

Cirsotrema turriculoides: Taki and Oyama, 1954 [CM20237], Oyama, 1973 [CM 20237]

Clanculus (Clanculus) margaritarius: Oyama, 1973 [CM21885]

Clanculus (Clanculus) (*margaritarius* var.?) *gordonis*: Taki and Oyama, 1954 [CM21885]

Clanculus (Euclanculus) microdon ater: Taki and Oyama, 1954 [CM21883], Oyama, 1973 [CM21883]

Clathrodrillia hyugana: Makiyama, 1959 [CM25054]

Clathrofenella kenonis: Taki and Oyama, 1954 [CM21869], Oyama, 1973 [CM 21869]

Clathrofenella reticulata: Taki and Oyama, 1954 [CM20209], Oyama, 1973 [CM 20209]

Clathrofenella reticulata longa: Taki and Oyama, 1954 [CM21868], Oyama, 1973 [CM21868]

Clathrofenella shinonis: Taki and Oyama, 1954 [CM21866], Oyama, 1973 [CM 21866]

Clathrofenella yamakawai: Taki and Oyama, 1954 [CM21864], Oyama, 1973 [CM 21864]

Clathromangelia leuckarti: Oyama, 1973 [CM21807]

Clathrus submaculosus: Oyama, Mizuno and Sakamoto, 1960 [CM24978]

Clathurella centrosa: Yokoyama, 1924a [CM21807,21808]

Clathurella (Etremopa) subauriformis: Oyama, 1973 [CM20799]

Clava kochi: Otuka, 1932 [CM10642]

Clavatula consimilis: Otuka, 1935b [CM12451]

Clavatula (Paradrillia) astuta: Makiyama, 1959 [CM25056,25057]

Clavatula (Paradrillia) asukana: Makiyama, 1958 [CM23344]

Clavatula (Paradrillia) dainichiensis: Makiyama, 1957 [CM21736]

Clavatula (Paradrillia) kobayashii: Makiyama, 1959 [CM25058]

Clavus (Elaeocyma) benten: Taki and Oyama, 1954 [CM20077]

Clavus (Elaeocyma) glabriuscula: Taki and Oyama, 1954 [CM20801]

Clavus (Elaeocyma) glabriuscula brevis: Taki and Oyama, 1954 [CM20803]

Clavus (Elaeocyma) tjibaliungensis turuhikoi: Otuka, 1937b [CM13136]

Clavus (Imaclava) braunsi: Taki and Oyama, 1954 [CM20078]

Clypidina (Montfortula) picta: Taki and Oyama, 1954 [CM21895], Oyama, 1973 [CM21895]

Cenozoic Gastropoda (continued)

Cocculina kuragiensis: Oyama, 1973 [CM20300]

Cocculina? nojimensis: Oyama, 1973 [CM20301]

Cochlioconus gradatus: Yokoyama, 1928a [CM25021,25022]

Collisella (Astracmea) heroldi: Taki and Oyama, 1954 [CM23892]

Collisella (Conoidacmea) heroldi: Oyama, 1973 [CM20297,23892]

Collisella heroldi: Taki and Oyama, 1954 [CM20297]

Colubraria castanea: Taki and Oyama, 1954 [CM21825,22010], Oyama, 1973 [CM 21825]

Columbella (Anachis) awana: Yokoyama, 1924a [CM21814]

Columbella (Anachis) fratercula: Yokoyama, 1926i [CM23547,23548]

Columbella (Atilia) bicinctella: Yokoyama, 1928a [CM25120]

Columbella (Atilia) burchardi: Yokoyama, 1920 [CM20153-20155], Yokoyama, 1922a [CM20898]

Columbella (Atilia) martensi: Yokoyama, 1927a [CM23722,23723], Yokoyama, 1927b [CM24246]

Columbella (Atilia) masakadoi: Yokoyama, 1922a [CM20907-20910], Yokoyama, 1924a [CM21812], Yokoyama, 1926f [CM23108], Yokoyama, 1926i [CM27140], Yokoyama, 1927a [CM23720,23721], Yokoyama, 1928a [CM25118,25119]

Columbella (Atilia) praecursor: Yokoyama, 1922a [CM20903-20906]

Columbella (Atilia) pumila: Yokoyama, 1927a [CM23723,23726], Yokoyama, 1927b [CM24248-24250], Yokoyama, 1928b [CM25303]

Columbella (Atilia) smithi: Yokoyama, 1922a [CM20899-20901], Yokoyama, 1926g [CM23386], Yokoyama, 1927a [CM23724,23725], Yokoyama, 1927b [CM 24247], Yokoyama, 1928a [CM25116,25117], Yokoyama, 1927b [CM25302], Yokoyama, 1931b [CM25893,25894]

Columbella (Atilia) turriculata: Yokoyama, 1922a [CM20902]

Columbella burchardi: Yokoyama, 1926j [CM27191]

Columbella martensi: Tokunaga, 1906 [CM13427-13429], Yokoyama, 1927c [CM 24824]

Columbella (Mitrella) dunkeri: Yokoyama, 1920 [CM20148-20152], Yokoyama, 1922a [CM20911-20916], Yokoyama, 1924a [CM21813], Yokoyama, 1926f [CM 23109,23110], Yokoyama, 1926g [CM23387], Yokoyama, 1926i [CM27141], Yokoyama, 1927a [CM23715-23719], Yokoyama, 1927b [CM24242-24245], Yokoyama, 1928b [CM25301]

Columbella pumila: Tokunaga, 1906 [CM13430], Yokoyama, 1927c [CM24822, 24823]

Columbella? sp.: Otuka, 1943a [CM13211]

"Comitas" yokoyamai: Oyama, 1973 [CM20062,20063]

Constantia picturata: Oyama, 1973 [CM21017]

Cenozoic Gastropoda (continued)

Conus (Asprella) comatosa: Makiyama, 1959 [CM25020]

Conus comatosa: Yokoyama, 1928a [CM25020]

Conus (Endemoconus) sieboldii: Oyama, 1973 [CM20057]

Conus (Parviconus) tuberculosus: Oyama, 1973 [CM20058,20059]

Conus (Pionoconus) cf. *jenkinsi*: Kobayashi and Horikoshi, 1958 [CM4694]

Conus sieboldi: Yokoyama, 1920 [CM20057]

Conus sp.: Yokoyama, 1925a [CM22113]

Conus sp.: Yokoyama, 1926g [CM23331]

Conus tokunagai: Otuka, 1934 [CM12008,12124]

Conus tuberculatus: Yokoyama, 1920 [CM20058-20061]

Conus tuberculosus: Otuka, 1938b [CM12702]

Coraeophos meisensis ninohensis: Chinzei, 1959 [CM8532,8533,8588,8589]

Coralliophyla tokudai: Yokoyama, 1932a [CM26003], Makiyama, 1959 [CM26003]

Crassispira pseudoprincipalis: Oyama, 1973 [CM20070]

Crepidula aculeata: Yokoyama, 1924a [CM21871,21872,22017], Yokoyama, 1925b [CM22476-22479]

Crepidula auricula: Yokoyama, 1924b [CM22061,22062]

Crepidula (Bostrycapulus) gravispinosa: Oyama, 1973 [CM21871]

Crepidula convexa: Yokoyama, 1925b [CM22480], Yokoyama, 1931b [CM25916]

Crepidula (Crepidula) grandis: Taki and Oyama, 1954 [CM20984], Oyama, 1973 [CM20984]

Crepidula (Crepidula) gravispinosa: Taki and Oyama, 1954 [CM21871]

Crepidula isimotoi: Otuka, 1934 [CM12069,12081,12989-12994]

Crepidula grandis: Yokoyama, 1922a [CM20984], Yokoyama, 1926j [CM27194]

Crepidula gravispinosa: Makiyama, 1957 [CM22476,22477]

Crepidula jimboana: Yokoyama, 1931a [CM25848-25859], Yokoyama, 1932a [CM 26072-26075], Makiyama, 1959 [CM25848]

Crepidula matajiroi: Makiyama, 1957 [CM22061], Oyama, Mizuno and Sakamoto, [CM22061]

Crepidula navia: Yokoyama, 1925c [CM22556,22557], Yokoyama, 1930a [CM25568, 25570,25572], Makiyama, 1958 [CM22556,22557]

Crepidula nidatoriensis: Otuka, 1934 [CM12067,12068]

Crepidula orbella: Yokoyama, 1920 [CM20214-20216]

Crepidula sp.: Iwasaki, 1970 [CM9294-9299]

Crepidula sp.: Yokoyama, 1925a [CM22161]

Crepidula sp.: Yokoyama, 1927e [CM26325]

Cenozoic Gastropoda (continued)

Crepidula sp.: Yokoyama, 1930a [CM25573,25574]

Crepidula zyobanica: Makiyama, 1957 [CM22480]

Crithe cotamago: Oyama, 1973 [CM20842,20844]

"Cryptogemma" yokoyamai: Taki and Oyama, 1954 [CM20062]

Cryptonatica janthostomoides: Oyama, 1973 [CM20217,20218]

Cyclostrema duplicatum: Yokoyama, 1920 [CM20287]

Cyclostrema lamellata: Yokoyama, 1927a [CM23890,23899]

Cyclostrema pulchellum: Yokoyama, 1926f [CM23180,23181]

Cyclostrema stillicidiatum: Yokoyama, 1922a [CM21128]

Cylichna acuta: Tokunaga, 1906 [CM13518]

Cylichna affabilis: Yokoyama, 1926c [CM22840-22843], Makiyama, 1958 [CM 22840,22841]

Cylichna andenica: Yokoyama, 1926j [CM23560,23561], Makiyama, 1958 [CM 23560]

Cylichna braunsi: Yokoyama, 1920 [CM20037,20038]

Cylichna corpulenta: Yokoyama, 1926c [CM22844], Makiyama, 1958 [CM22844]

Cylichna musashiensis: Tokunaga, 1906 [CM13515-13517], Yokoyama, 1920 [CM 20036], Yokoyama, 1922a [CM20754-20757], Yokoyama, 1923b [CM21729], Yokoyama, 1926f [CM23076,23077], Yokoyama, 1926g [CM23314], Yokoyama, 1927a [CM23617-23620], Yokoyama, 1927b [CM24192], Yokoyama, 1927c [CM24768, 24769]

Cylichna orientalis: Yokoyama, 1920 [CM20045]

Cylichna sibaensis: Yokoyama, 1920 [CM20039-20042], Yokoyama, 1927a [CM 23621,23622]

Cylichna sp.: Otuka, 1934 [CM12103]

Cylichna sp.: Yokoyama, 1929b [CM26873]

Cylichna yamakawai: Yokoyama, 1920 [CM20043,20044], Yokoyama, 1927a [CM 23623], Yokoyama, 1927b [CM24193,24194], Otuka, 1935b [CM12473,12474]

Cylichnatys angusta: Oyama, 1973 [CM20043]

Cylichnatys yamakawai: Taki and Oyama, 1954 [CM20043]

Cymatium (Monoplex) echo: Taki and Oyama, 1954 [CM21823,22012], Oyama, 1973 [CM21823,22012]

Cymatium (Ranularia) subpyrum: Taki and Oyama, 1954 [CM20176,20177], Oyama, 1973 [CM20176,20177]

Cymatium (Reticutriton) tenuiliratum: Oyama, 1973 [CM20934]

Cymatium (Septa) tenuiliratum: Makiyama, 1958 [CM23396]

Cymatium (Septa?) tenuiliratum: Taki and Oyama, 1954 [CM20934]

Cenozoic Gastropoda (continued)

Cymatosyrinx braunsi: Otuka, 1949 [CM13290,13291], Okutani, 1968 [CM15413]

Cymatosyrinx hosonaga: Otuka, 1949 [CM13292-13294], Okutani, 1968 [CM15404]

Cymatosyrinx pseudohumilis: Otuka, 1949 [CM13296]

Cypraea candida: Yokoyama, 1924a [CM21828,21829]

Cypraea carneola: Yokoyama, 1911c [CM22008], Yokoyama, 1924a [CM21827]

Cypraea (Lyncina) vitellus: Taki and Oyama, 1954 [CM21827,22008], Oyama, 1973 [CM21827]

Cypraea (Trivia) oryza: Yokoyama, 1927a [CM23741]

Cypraeolina cotamago: Taki and Oyama, 1954 [CM20842,20844]

Cyrbasia (Joculator) pulviformis: Taki and Oyama, 1954 [CM21840], Oyama, 1973 [CM21840]

Cytharella fukuchiana: Otuka, 1932 [CM10644]

Daronia yokoyamai: Oyama, 1973 [CM21105]

Decorifer delicatulus: Taki and Oyama, 1954 [CM20746]

Decorifer globosus: Taki and Oyama, 1954 [CM20743,23607]

Decorifer gordonis: Taki and Oyama, 1954 [CM24190]

Decorifer insignis: Taki and Oyama, 1954 [CM23608]

Decorifer longispiratus: Taki and Oyama, 1954 [CM20740]

Decorifer yamakawai: Makiyama, 1958 [CM23072]

Diadora humilis: Makiyama, 1957 [CM22487]

Diala (Diala) varia: Taki and Oyama, 1954 [CM21856,23764]

Diala semistriata: Yokoyama, 1927a [CM23764]

Diala varia: Otuka, 1935b [CM12375-12377], Oyama, 1973 [CM21856,23764]

Diala vitrea: Taki and Oyama, 1954 [CM23762]

Diffalaba vitrea: Oyama, 1973 [CM23762]

Diodora humilis: Otuka, 1937d [CM22487]

Diodora quadriradiata: Taki and Oyama, 1954 [CM21893], Oyama, 1973 [CM21893]

Diodora sieboldii: Otuka, 1935b [CM12330]

Diodora yokoyamai kosibensis: Otuka, 1937d [CM20291], Taki and Oyama, 1954 [CM20291], Oyama, 1973 [CM20291]

Doliocassis japonica: Makiyama, 1957 [CM22142,24548]

Dolium luteostomum: Tokunaga, 1906 [CM13454], Yokoyama, 1920 [CM20179-20183], Yokoyama, 1922a [CM20940-20945], Yokoyama, 1925a [CM22146], Yokoyama, 1926i [CM27143], Yokoyama, 1927a [CM23739,23740], Yokoyama, 1927b [CM24258-24261]

Drillia astuta: Yokoyama, 1928a [CM25056,25057]

Cenozoic Gastropoda (continued)

Drillia asukana: Yokoyama, 1926g [CM23344], Yokoyama, 1928b [CM25274]

Drillia benten: Yokoyama, 1928a [CM25044,25045]

Drillia braunsi: Yokoyama, 1926g [CM23340,23341], Yokoyama, 1927a [CM23654], Yokoyama, 1928a [CM25042,25043]

Drillia dainichiensis: Yokoyama, 1923b [CM21735,21736], Yokoyama, 1926g [CM23343], Yokoyama, 1928a [CM25046,25047]

Drillia fortiliniata: Yokoyama, 1928a [CM25051,25052]

Drillia fortilirata: Yokoyama, 1927a [CM23655-23659]

Drillia glabriuscula: Yokoyama, 1922a [CM20801,20802,20804]

Drillia glabriuscula var. *brevis*: Yokoyama, 1922a [CM20803]

Drillia hyugana: Yokoyama, 1928a [CM25053-25055]

Drillia(?) kobayashii: Yokoyama, 1928a [CM25058]

Drillia nivalioides: Yokoyama, 1927a [CM23652,23653], Yokoyama, 1927b [CM 24210], Yokoyama, 1927c [CM24788,24789]

Drillia principalis: Yokoyama, 1922a [CM20797,20798], Yokoyama, 1925a [CM 22116], Yokoyama, 1927a [CM23646-23648], Yokoyama, 1927b [CM24206-24209], Yokoyama, 1928a [CM25039-25041], Yokoyama, 1929a [CM25523]

Drillia pseudo-principalis: Yokoyama, 1923b [CM21732], Yokoyama, 1926g [CM 23338]

Drillia pseudoprincipalis: Yokoyama, 1928b [CM25272,25273]

Drillia quantoana: Yokoyama, 1923b [CM21733], Yokoyama, 1926g [CM23339]

Drillia sobrina: Yokoyama, 1923b [CM21734,21735]. Yokoyama, 1926g [CM23342]

Drillia sp.: Yokoyama, 1926g [CM23345]

Drillia subauriformis: Yokoyama, 1922a [CM20799,20800], Yokoyama, 1927a [CM23649-23651], Yokoyama, 1927c [CM24787], Yokoyama, 1928a [CM25048]

Drupa (Morula) biconica: Taki and Oyama, 1954 [CM21820]

Drupa (Morula) spinosa: Oyama, 1973 [CM21820]

Ebala (Ebala) obscura: Taki and Oyama, 1954 [CM21092], Oyama, 1973 [CM21092]

Ebala (Ebala) pagodula: Taki and Oyama, 1954 [CM23769], Oyama, 1973 [CM 23769]

Eburna elata: Yokoyama, 1923b [CM21756-21758], Yokoyama, 1923d [CM24599], Yokoyama, 1926g [CM23380,23381], Yokoyama, 1928a [CM25114]

Eburna japonica: Tokunaga, 1906 [CM13418,13419], Yokoyama, 1922a [CM20886-20888], Yokoyama, 1924a [CM21810], Yokoyama, 1926i [CM27138], Yokoyama, 1927a [CM23699-23701], Yokoyama, 1927b [CM24221-24224], Yokoyama, 1927c [CM24817], Yokoyama, 1928a [CM25115]

Elaeocyma (Elaeocyma) benten: Oyama, 1973 [CM20077]

Elaeocyma (Elaeocyma) glabriuscula: Oyama, 1973 [CM20801,20803]

Cenozoic Gastropoda (continued)

Elaeocyma (Splendrillia) braunsi: Oyama, 1973 [CM20078]

Emarginula crassicostata: Otuka, 1935b [CM12327]

Emarginula (Emarginula) fragilis: Taki and Oyama, 1954 [CM20294]

Emarginula fragilis: Yokoyama, 1920 [CM20294], Oyama, 1973 [CM20294]

Emarginula sp.: Yokoyama, 1920 [CM20295,20296]

Emarginula tokuyamai: Iwasaki and Ono, 1977 [CM8446-8448]

Emarginula vadososinuata: Yokoyama, 1922a [CM21135,21136], Yokoyama, 1926j [CM27199]

Emarginula vadoso-sinuata: Yokoyama, 1925c [CM22569], Yokoyama, 1926f [CM 23183]

Engina acuminata: Yokoyama, 1924a [CM21815]

Engina menkeana: Otuka, 1935b [CM12436], Taki and Oyama, 1954 [CM21815]

Enida japonica: Yokoyama, 1927a [CM23875,23876], Oyama, 1973 [CM20266, 23875]

Enzinopsis menkeana: Oyama, 1973 [CM21815]

Eocylichna braunsi: Taki and Oyama, 1954 [CM20037], Oyama, 1954 [CM20037]

Eotricolia tristis: Makiyama, 1958 [CM23171]

Epitonium (Acutiscala) conjunctum: Taki and Oyama, 1954 [CM21014], Oyama, 1973 [CM21014]

Epitonium (Boreoscala) angulatosimile: Otuka, 1935a [CM12394,12624,12625 12645], Otuka, 1935b [CM12394,12624,12625,12645]

Epitonium (Boreoscala) cf. *echigonum*: Chinzei, 1959 [CM8524,8525]

Epitonium (Boreoscala) nagaminensis: Otuka, 1934 [CM12065]

Epitonium (Cinctiscala) kazusense: Taki and Oyama, 1954 [CM21011], Oyama, 1973 [CM21011]

Epitonium (Cinctiscala) sagamiense: Taki and Oyama, 1954 [CM21007]

Epitonium (Cinctiscala) sagamiense azumanum: Oyama, 1973 [CM21007]

Epitonium (Cinctiscala) yamakawai: Taki and Oyama, 1954 [CM21013], Oyama, 1973 [CM21013]

Epitonium (Depressiscala) auritum: Taki and Oyama, 1954 [CM21002], Oyama, 1973 [CM21002]

Epitonium (Glabriscala) stigmaticum: Taki and Oyama, 1954 [CM21005], Oyama, 1973 [CM21005]

Epitonium (Mazescala) sp.: Oyama, 1973 [CM23795]

Epitonium (Mazescala) subfrondiculum: Taki and Oyama, 1954 [CM21016], Oyama, 1973 [CM21016]

Epitonium niigishiense: Makiyama, 1957 [CM24625]

Cenozoic Gastropoda (continued)

Epitonium (Papyriscala) yokoyamai: Taki and Oyama, 1954 [CM23796], Oyama, 1973 [CM23796]

Epitonium sp.: Taki and Oyama, 1954 [CM23795]

Epitonium submaculosum: Makiyama, 1959 [CM24978]

Epitonium (Turbiniscala) replicatum: Taki and Oyama, 1954 [CM23797], Oyama, 1973 [CM23797]

Epitonium (Turbiniscala) sp.: Otuka, 1935b [CM12393]

Erato callosa: Tokunaga, 1906 [CM13425], Yokoyama, 1922a [CM20946,20947], Yokoyama, 1927a [CM23742], Yokoyama, 1927b [CM24262], Otuka, 1935b [CM 12421]

Erato novemprovincialis: Yokoyama, 1928a [CM25125-25128]

Ergalatax contractus: Taki and Oyama, 1954 [CM21816], Oyama, 1973 [CM21816]

Erronea japonica: Otuka, 1935b [CM12422]

Erronea (Palmadusta) gracilis japonica: Oyama, 1973 [CM21828]

Erronea (Palmadusta) japonica: Taki and Oyama, 1954 [CM21828]

Ethaliopsis sp.: Oyama, 1973 [CM20278]

Etremopa cosibensis: Taki and Oyama, 1954 [CM20074]

Etremopa subauriformis: Taki and Oyama, 1954 [CM20799]

Euchelus fenestratus: Yokoyama, 1920 [CM20284]

Euchelus foveolatus: Otuka, 1935b [CM12334]

Euchelus ornatissimus: Yokoyama, 1926i [CM23551,23552]

Euchelus pauperculus: Taki and Oyama, 1954 [CM20284], Oyama, 1973 [CM20284]

Eufenella ichikawensis: Taki and Oyama, 1954 [CM24291], Oyama, 1973 [CM 24291]

Eufenella pupoides: Taki and Oyama, 1954 [CM21862,24301,24302], Oyama, 1973 [CM21862,24301,24302]

Eufenella rufocincta: Taki and Oyama, 1954 [CM20977], Oyama, 1973 [CM20977]

Eulima (Eulima) ozawai: Taki and Oyama, 1954 [CM24320]

Eulima hojoensis: Taki and Oyama, 1954 [CM21873], Oyama, 1973 [CM21873]

Eulima (Leiostraca) glabroides: Yokoyama, 1922a [CM21024,21025], Yokoyama, 1926i [CM27147]

Eulima (Leiostraca) hojoensis: Yokoyama, 1924a [CM21873]

Eulima (Leiostraca) hosoyana: Yokoyama, 1926g [CM23422], Makiyama, 1958 [CM23423]

Eulima (Leiostraca) krishna: Yokoyama, 1922a [CM21026], Yokoyama, 1927b [CM24319]

Eulima (Leiostraca) sagamiana: Yokoyama, 1920 [CM20240], Yokoyama, 1927b

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[CM24317], Yokoyama, 1928a [CM25160,25161]

Eulima (Leiostraca) shibana: Yokoyama, 1927a [CM23802,23803]

Eulima (Leiostraca) tokunagai: Yokoyama, 1922a [CM21021-21023], Yokoyama, 1927b [CM24318]

Eulima (Leiostraca) unicincta: Yokoyama, 1922a [CM21018-21020]

Eulima (Leiostraca) yokoskensis: Yokoyama, 1920 [CM20239]

Eulima levis: Tokunaga, 1906 [CM13469]

Eulima musta: Yokoyama, 1928a [CM25169]

Eulima ovalis: Tokunaga, 1906 [CM13470]

Eulima ozawai: Oyama, 1973 [CM24320]

Eulima (Subularia) ozawai: Yokoyama, 1927b [CM24320,24517]

Eulima unicincta: Taki and Oyama, 1954 [CM21018], Oyama, 1973 [CM21018]

Eunaticina festiva: Makiyama, 1958 [CM22564]

Eunaticina papilla: Otuka, 1932 [CM10645], Taki and Oyama, 1954 [CM20995], Oyama, 1973 [CM20995]

Euthria ferrea: Yokoyama, 1924a [CM21809]

Fasciolaria uyemurai: Yokoyama, 1927c [CM24809,24810], Yokoyama, 1928b [CM 25286]

Fenella kenonis: Yokoyama, 1924a [CM21869,21870]

Fenella orientalis: Yokoyama, 1920 [CM20209,20210], Yokoyama, 1924a [CM 21868], Yokoyama, 1927a [CM23773]

Fenella perpupoides: Yokoyama, 1927b [CM24301,24302]

Fenella pupoides: Yokoyama, 1924a [CM21862]

Fenella septentrionalis: Yokoyama, 1922a [CM20977-20979], Yokoyama, 1927a [CM23770-23772], Yokoyama, 1927b [CM24294-24298]

Fenella shinonis: Yokoyama, 1924a [CM21866,21867]

Fenella tokunagai: Yokoyama, 1927a [CM23775,23776], Yokoyama, 1927b [CM 24299,24300]

Fenella yamakawai: Yokoyama, 1924a [CM21864,21865]

Fissurella (Macrochisma) lischkei: Tokunaga, 1906 [CM13505]

Fissuridea cf. *tanneri*: Yokoyama, 1920 [CM20291]

Fissuridea humilis: Yokoyama, 1925b [CM22487]

Fissuridea rueppellii: Yokoyama, 1924a [CM21893,21894,22020]

Fissuridea sp.: Yokoyama, 1925d [CM22685]

Fulgoraria (Fulgoraria) rupestris: Otuka, 1934 [CM12098]

Fulgoraria hirugayensis: Makiyama, 1958 [CM23368]

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Fulgoraria koshibensis: Okutani, 1968 [CM15393]

Fulgoraria prevostiana: Chinzei, 1973 [CM8100,8101]

Fulgoraria (Psephaea) concinna rosea: Shikama, 1967 [CM15326]

Fulgoraria (Psephaea) kosibensis: Otuka, 1949 [CM13288,13289,20092]

Fulgoraria (Psephaea) kamakurensis: Oyama, 1973 [CM20092]

Fulgoraria (Psephaea) magna: Oyama, Mizuno and Sakamoto, 1960 [CM22666]

Fulgoraria (Psephaea) prevostiana kamakurensis: Taki and Oyama, 1954 [CM20092]

Fulgoraria (Psephaea) striata: Makiyama, 1958 [CM22666,22667,22968]

Fulgoraria rupestris: Otuka, 1936c [CM12813]

Fusinus muricatoides: Taki and Oyama, 1954 [CM20162]

Fusinus nigrirostratus: Oyama, 1973 [CM23685]

Fusinus nodoso-plicatus: Otuka, 1932 [CM10646]

Fusinus perplexus: Taki and Oyama, 1954 [CM20109,23683], Oyama, 1973 [CM 20109,23683]

Fusinus sp.: Otuka, 1934 [CM12096]

Fusinus (Trophonofusus) muricatoides: Oyama, 1973 [CM20162]

Fusinus tuberosus tuberosus: Taki and Oyama, 1954 [CM23685]

Fusitriton oregonensis: Taki and Oyama, 1954 [CM20171,20172], Chinzei, 1959 [CM8520], Chinzei, 1961 [CM8622], Okutani, 1968 [CM15398,15399], Chinzei, 1973 [CM8110]

Fusus coreanicus: Yokoyama, 1922a [CM20853-20856], Yokoyama, 1926f [CM 23105], Yokoyama, 1926j [CM27186], Yokoyama, 1927a [CM23682], Yokoyama, 1928a [CM25094], Yokoyama, 1928b [CM25287,25288]

Fusus dualis: Yokoyama, 1928a [CM25097-25105]

Fusus nigrirostratus: Yokoyama, 1927a [CM23685,23686], Yokoyama, 1928a [CM 25095,25096]

Fusus niponicus: Yokoyama, 1920 [CM20107,20108], Yokoyama, 1922a [CM20857, 20858], Yokoyama, 1926g [CM23371], Yokoyama, 1928a [CM25093]

Fusus nodosoplicatus: Yokoyama, 1927a [CM23683,23684]

Fusus nodoso-plicatus: Tokunaga, 1906 [CM13407]

Fusus perplexus: Tokunaga, 1906 [CM13408], Yokoyama, 1920 [CM20109,20110], Yokoyama, 1922a [CM20849-20852], Yokoyama, 1925b [CM22459], Yokoyama, 1926g [CM23370]

Fusus simplex: Tokunaga, 1906 [CM13409], Yokoyama, 1928b [CM25289-25291], Makiyama, 1959 [CM25289,25290]

Fusus sp.: Tokunaga, 1906 [CM13410]

Fusus sp.: Yokoyama, 1911b [CM20023,20024]

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Fusus uyemurai: Yokoyama, 1926e [CM23016]

Galeodea (Sconsia) japonica: Yokoyama, 1923b [CM21765], Yokoyama, 1923c [CM24548-24550], Yokoyama, 1925a [CM22142,22143], Yokoyama, 1926e [CM 23020], Yokoyama, 1926g [CM23402]

Genotia luedorfi: Yokoyama, 1926g [CM23337], Yokoyama, 1927a [CM23645]

Genotia ogurana: Yokoyama, 1922a [CM20796], Yokoyama, 1926f [CM23081], Yokoyama, 1926j [CM27245]

Genotia pseudopannus: Yokoyama, 1922a [CM20794], Yokoyama, 1926f [CM23080], Yokoyama, 1926j [CM27183], Yokoyama, 1927c [CM24784-24786], Yokoyama, 1928b [CM25271]

Genotia pseudopannus var. *sematensis*: Yokoyama, 1922a [CM20795]

Gibbula (Enida) japonica: Taki and Oyama, 1954 [CM20266,23875]

Gibbula inornata: Yokoyama, 1926j [CM23569,23570], Makiyama, 1958 [CM23569, 23570]

Gibbula orientalis: Yokoyama, 1926f [CM23173,23174], Makiyama, 1958 [CM 23173]

Globularia (Cernina) nakamurai: Otuka, 1938c [CM12747]

Globularia (Globularia) nakamurai: Kobayashi and Horikoshi, 1958 [CM4693]

Gourmya (Contumax) kobelti: Otuka, 1935b [CM12386,12387,12655]

Gourmya (Contumax) sordidula: Otuka, 1935b [CM12385,12654]

Granata lyrata: Oyama, 1973 [CM21129]

Granotoma dissoluta: Makiyama, 1958 [CM23093]

Granulifusus makiyamai: Taki and Oyama, 1954 [CM20107], Oyama, 1973 [CM 20107]

Granulifusus musashiensis: Taki and Oyama, 1954 [CM20857]

Granulifusus musasiensis: Oyama, 1973 [CM20857]

Guraleus parva: Taki and Oyama, 1954 [CM23672]

Guraleus tabatensis: Taki and Oyama, 1954 [CM23670]

Haedropleura fukuchiana: Taki and Oyama, 1954 [CM20809], Oyama, 1973 [CM 20809]

Haliotis discus koyamai: Makiyama, 1958 [CM22566,22567]

Haliotis gigantea var. *kamtschatkana*: Yokoyama, 1925c [CM22566-22568]

Haliotis sp.: Yokoyama, 1925a [CM22174,22175]

Haloa rotundata: Taki and Oyama, 1954 [CM20765], Oyama, 1973 [CM20765]

Hastulopsis melanacme: Oyama, 1973 [CM20773]

Helcioniscus pallidus: Yokoyama, 1920 [CM20302-20305,20717], Yokoyama, 1922a [CM21137], Yokoyama, 1925a [CM22177-22180], Yokoyama, 1925b [CM 22489], Yokoyama, 1925c [CM22571,22572], Yokoyama, 1926f [CM23195],

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Yokoyama, 1926j [CM27201], Yokoyama, 1927c [CM24875]

Helcioniscus sp.: Yokoyama, 1926d [CM22953]

Helcioniscus toreuma: Yokoyama, 1927a [CM23892,23893]

Hemiconus sp.: Iwasaki and Ono, 1977 [CM8460-8463]

Hemifusus ternatanus: Tokunaga, 1906 [CM13411], Yokoyama, 1923b [CM21751], Yokoyama, 1926g [CM23372], Yokoyama, 1926i [CM23545], Yokoyama, 1927a [CM23687]

Hemifusus tuna: Makiyama, 1958 [CM23545]

Hindsia (Microfusus) obesiformis: Oyama, 1973 [CM20120]

Hipponyx sp.: Yokoyama, 1926d [CM22954]

Homalopoma amussitata: Otuka, 1935b [CM12339]

Homalopoma amussitatum: Oyama, 1973 [CM20258]

Homalopoma (Phanerolepida) transenna: Otuka, 1949 [CM13274]

Homalopoma sangarense: Oyama, 1973 [CM20254]

Horaiclavus shitoensis: Taki and Oyama, 1954 [CM20807], Oyama, 1973 [CM 20807]

Hyalina (Cystiscus) novemprovincialis: Makiyama, 1959 [CM25125]

Inquisitor cosibensis: Oyama, 1973 [CM20074]

Inquisitor (Inquisitor) jeffreysi: Taki and Oyama, 1954 [CM20067]

Inquisitor jeffreysii: Otuka, 1932 [CM10648]

Inquisitor (Pseudoinquisitor) pseudoprincipalis: Taki and Oyama, 1954 [CM 20070]

Iravadia annulata: Otuka, 1935b [CM12345,12634]

Ithycythara oyuana: Taki and Oyama, 1954 [CM20812], Oyama, 1973 [CM20812]

Japelion adelphicus: Okutani, 1968 [CM15392]

Japelion hirasei: Makiyama, 1957 [CM22124]

Kleinella amicalis: Taki and Oyama, 1954 [CM23840], Oyama, 1973 [CM23840]

Kleinella neofelix: Taki and Oyama, 1954 [CM21071], Oyama, 1973 [CM21071]

Laeviacus pustulosa: Oyama, 1973 [CM20777]

Latirus sp.: Iwasaki, 1970 [CM9395]

Latrunculus japonicus: Otuka, 1932 [CM10649]

Leiocithara rugosolabiata: Taki and Oyama, 1954 [CM20810]

Lemintina imbricata: Otuka, 1935b [CM12362,12636,12648]

Lemintina muronoensis: Otuka, 1938b [CM12701]

Lemintina shinanoensis: Otuka, 1938b [CM22551]

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Lepeta (Cryptobranchia) lima: Makiyama, 1958 [CM23191]

Leptoconchus rostratus: Yokoyama, 1924a [CM21822]

Leptoconchus striatus: Taki and Oyama, 1954 [CM21822], Oyama, 1973 [CM 21822]

Leptothyra amussitata: Yokoyama, 1920 [CM20254-20257], Yokoyama, 1926f [CM 23166,23167], Otuka, 1932 [CM10650], Taki and Oyama, 1954 [CM20258]

Leptothyra cf. *paucicostata*: Yokoyama, 1920 [CM20265]

Leptothyra crassilirata: Yokoyama, 1922a [CM21102,21103], Taki and Oyama, 1954 [CM21102]

Leptothyra pilula: Yokoyama, 1924a [CM21882]

Leptothyra purpurescens: Yokoyama, 1920 [CM20258-20264], Yokoyama, 1922a [CM21096-21099], Yokoyama, 1926f [CM23168,23169], Yokoyama, 1926j [CM 27197], Yokoyama, 1927a [CM23869-23872], Yokoyama, 1927b [CM24338-24340], Yokoyama, 1928a [CM25165]

Leptothyra pugmaea: Yokoyama, 1922a [CM21100,21101], Yokoyama, 1926f [CM 23170], Yokoyama, 1927a [CM23873], Otuka, 1932 [CM10651]

Leptothyra sakaensis: Yokoyama, 1925c [CM22565]

Leptothyra sangarensis: Taki and Oyama, 1954 [CM20254]

Leptothyra sp.: Yokoyama, 1925d [CM22681,22682], Makiyama, 1958 [CM22681]

Leucosyrinx (Aforia) circinata minatoensis: Otuka, 1949 [CM13297,13298]

Leucosyrinx coreanica: Makiyama, 1958 [CM23335,23336], Makiyama, 1959 [CM 25030]

Leucotina dianae: Yokoyama, 1927c [CM24761], Yokoyama, 1928b [CM25266], Makiyama, 1959 [CM24761]

Leucotina gigantea: Yokoyama, 1922a [CM20733-20735], Yokoyama, 1927a [CM 23602,23603], Yokoyama, 1927c [CM24762], Taki and Oyama, 1954 [CM20733], Oyama, 1973 [CM20733]

Lienardia grainesi: Makiyama, 1958 [CM23096]

Liloa sp.: Chinzei, 1959 [CM8593]

Lirularia (Conotalopia) ornata: Taki and Oyama, 1954 [CM21107]

Lirularia (Conotalopia) sematensis: Oyama, 1973 [CM21107]

Lirularia (Lirularia) pygmaea: Taki and Oyama, 1954 [CM21100], Oyama, 1973 [CM21100]

Lischkeia argenteonitens: Makiyama, 1957 [CM22171]

Lissotesta sobrina: Oyama, 1973 [CM20211,20980]

Litiopa (Diala) semistriata: Yokoyama, 1924a [CM21856,21857]

Litiopa simplex: Yokoyama, 1927a [CM23762,23763], Yokoyama, 1927b [CM24289]

Littorina adonis: Yokoyama, 1927b [CM24287]

Cenozoic Gastropoda (Continued)

Littorina brevicula: Oyama, 1973 [CM20265]

Littorina incisa: Yokoyama, 1927c [CM24844]

Littorina (Littorivaga) brevicula: Taki and Oyama, 1954 [CM20265]

Littorina lucida: Yokoyama, 1927b [CM24288]

Littorina sakaensis: Makiyama, 1958 [CM22565]

Littorinopsis (Littorinopsis) intermedia: Taki and Oyama, 1954 [CM24287]

Littorinopsis strigata: Oyama, 1973 [CM24287]

Lophiotoma (Lophioturris) leucotropis: Oyama, 1973 [CM23643]

Lora dissoluta: Otuka, 1936a [CM12788]

Lora komakahida: Okutani, 1968 [CM15395]

Lora? komakahida: Otuka, 1949 [CM13327-13329]

Lora ogurana: Otuka, 1936a [CM12799]

Lora? tomiyaensis: Otuka, 1949 [CM13330-13339]

Lora tomiyaensis: Okutani, 1968 [CM15394]

Lunatia sp.: Okutani, 1968 [CM15407]

Lunella coronata coreensis: Oyama, 1973 [CM20252a,20252b,21095]

Lyria koyuana: Makiyama, 1959 [CM25080]

Lyromangelia semicarinata: Oyama, 1973 [CM20081]

Machaeroplax coreanica nipponensis: Makiyama, 1958 [CM23126]

"Macron" nipponensis: Chinzei, 1959 [CM8534]

Macroschisma dilatatum: Taki and Oyama, 1954 [CM21131], Oyama, 1973 [CM 21131]

Macroschisma sinense: Yokoyama, 1922a [CM21131], Taki and Oyama, 1954 [CM 20288], Oyama, 1973 [CM20288]

Macroschisma sinensis: Yokoyama, 1920 [CM20288-20290]

Macroschisma sinensis var. *brevis*: Yokoyama, 1922a [CM21132], Yokoyama, 1927a [CM23891]

Melania niponica: Yokoyama, 1922a [CM20967]

Mammilla kurodai: Taki and Oyama, 1954 [CM21000,21726]

Mammilla sp.: Oyama, 1973 [CM21726]

Mammilla sp.: Oyama, 1973 [CM21000]

Mancinella siro: Oyama, 1973 [CM21818]

Mandarina luhuana: Iwasaki and Aoshima, 1970 [CM15346]

Mangelia deshayesii: Yokoyama, 1931b [CM25872]

Mangelia makiyamai: Otuka, 1935b [CM12456,12457,13010-13013]

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Mangilia (Cythara) oyuana: Yokoyama, 1922a [CM20812]

Mangilia (Cythara) rugosolabiata: Yokoyama, 1922a [CM20810]

Mangilia deshayesii: Yokoyama, 1922a [CM20805,20806], Yokoyama, 1926f [CM 23095], Yokoyama, 1927a [CM23660-23662], Yokoyama, 1927b [CM24211]

Mangilia fukuchiana: Yokoyama, 1922a [CM20809], Yokoyama, 1926g [CM23346], Yokoyama, 1927b [CM24212]

Mangilia gracilenta: Yokoyama, 1927a [CM23674,23675]

Mangilia (Guraleus) tabatensis: Oyama, 1973 [CM23670]

Mangilia (Guraleus) tokunagae: Oyama, 1973 [CM23672]

Mangilia ishiiana: Yokoyama, 1926i [CM23544]

Mangilia ojiensis: Yokoyama, 1922a [CM20807,20808], Yokoyama, 1927a [CM 23665,23666]

Mangilia oyuana: Yokoyama, 1927a [CM23667,23668], Yokoyama, 1928b [CM25279]

Mangilia parva: Yokoyama, 1927a [CM23672,23673]

Mangilia rugosolabiata: Yokoyama, 1927a [CM23663,23664]

Mangilia sawanensis: Yokoyama, 1926f [CM23096,23097], Yokoyama, 1928b [CM 25280]

Mangilia tabatensis: Yokoyama, 1927a [CM23669-23671]

Margarita cinerea: Yokoyama, 1920 [CM20280], Yokoyama, 1928a [CM25169, 25170]

Margarita hilarula: Yokoyama, 1926f [CM23178]

Margarita kaigasawensis: Yokoyama, 1928b [CM25339-25342]

Margarita laudata: Yokoyama, 1926f [CM23177], Yokoyama, 1928a [CM25171]

Margarita lautiuscula: Yokoyama, 1928b [CM25338]

Margarita umbilicalis: Yokoyama, 1920 [CM20278,20279]

Margarita vahliioides: Yokoyama, 1926f [CM23175]

Margarites kaigasawensis: Makiyama, 1959 [CM25339]

Margarites laudata: Makiyama, 1958 [CM23177]

Margarites lautiusculus: Makiyama, 1959 [CM25338]

Margarites makiyamai: Makiyama, 1957 [CM22066,22067]

"Margarites" makiyamai: Oyama, Mizuno and Sakamoto, 1960 [CM22066,22067]

Margarites (Margaritopsis) hilarula: Makiyama, 1958 [CM23178]

Margarites vahliioides: Makiyama, 1958 [CM23175]

Marginella cotamago: Yokoyama, 1922a [CM20842,20843], Yokoyama, 1926f [CM 23104], Yokoyama, 1927c [CM24806,24807], Yokoyama, 1928a [CM25074]

Marginella perovulum: Yokoyama, 1922a [CM20844], Yokoyama, 1928a [CM25075, 25076]

Cenozoic Gastropoda (continued)

Marginella (Stazzania) flaccida: Makiyama, 1959 [CM25084]

Megasurcula yokoyamai: Makiyama, 1957 [CM22115]

Melania niponica: Yokoyama, 1922a [CM20966]

Melanoides fiscinus: Makiyama, 1959 [CM26052,26053]

Melongena miranda: Yokoyama, 1926g [CM23403, 23404]

Melongena pugilina: Yokoyama, 1923d [CM24594-24597], Makiyama, 1957 [CM 24594-24596]

Melongena? sp.: Yokoyama, 1923d [CM24598], Makiyama, 1957 [CM24598]

Menestho araii: Chinzei, 1959 [CM8549-8554]

Menestho calypso: Makiyama, 1958 [CM23157]

Menestho exarata: Makiyama, 1959 [CM25164]

Menestho iwatensis: Chinzei, 1959 [CM8555]

Menestho lectissimoides: Otuka, 1935b [CM12399]

Menestho nomurai: Chinzei, 1959 [CM8556]

Menestho sp.: Otuka, 1935b [CM12399]

Merelina tokunagai: Taki and Oyama, 1954 [CM23774], Oyama, 1973 [CM23774]

Metodontia houaiensis: Otuka, 1940a [CM13162-13165]

Microgaza planorboides: Oyama, 1973 [CM20981]

Microvoluta hondana: Oyama, 1973 [CM20846,20848]

"Minolia" ikebei: Iwasaki and Ono, 1977 [CM8449-8456]

Minolia (Machaeroplax) delicata: Oyama, 1973 [CM20280]

Minolia (Minolia) subangulata: Oyama, 1973 [CM21111]

Minolia nyssona: Taki and Oyama, 1954 [CM20280]

Minolia pseudobscura: Makiyama, 1959 [CM24871]

Minolia sakya: Makiyama, 1959 [CM25957]

"Minolia" sasai: Otuka, 1934 [CM12055,12980]

Minolia subangulata: Taki and Oyama, 1954 [CM21111]

Minolia tasmanica: Yokoyama, 1922a [CM21105,21106]

Miralda (Egilima) gracilis: Makiyama, 1958 [CM23155]

Miralda (Evalina) nishiana: Taki and Oyama, 1954 [CM23842], Oyama, 1973 [CM23842]

Miralda (Miralda) gemma: Taki and Oyama, 1954 [CM21874], Oyama, 1973 [CM 21874]

Mitra cosibensis: Taki and Oyama, 1954 [CM20100]

Mitra (Costellaria) emmae: Yokoyama, 1920 [CM20105,20106]

Cenozoic Gastropoda (continued)

Mitra ebenus: Yokoyama, 1920 [CM20100]

Mitra flaccida: Yokoyama, 1928a [CM25082-25090]

Mitra fusiformis: Yokoyama, 1920 [CM20101,20102]

Mitra hondana: Yokoyama, 1922a [CM20846,20847]

Mitra kobayashii: Yokoyama, 1927c [CM24808]

Mitra kurakiensis: Taki and Oyama, 1954 [CM20101]

Mitra pauciplicata: Yokoyama, 1928a [CM20103,20104]

Mitra pirula: Yokoyama, 1922a [CM20848]

Mitra plicifera: Yokoyama, 1920 [CM20103,20104]

Mitra pristina: Yokoyama, 1923b [CM21745-21750], Yokoyama, 1926b [CM22774-22776], Yokoyama, 1926g [CM23369], Yokoyama, 1927e [CM26317], Yokoyama, 1930a [CM25559]

Mitra sp.: Otuka, 1935b [CM12449]

Mitra? sp.: Yokoyama, 1930c [CM25643]

Mitra (Tiara) sp.: Iwasaki and Ono, 1977 [CM8457-8459]

Mitra (Vicimitra) cosibensis: Oyama, 1973 [CM20100]

Mitra (Vicimitra) kurakiensis: Oyama, 1973 [CM20101]

Mitra yokoyamai: Otuka, 1949 [CM13278-13282,13284-13287]

Mitrella (Indomitrella) lischkei: Taki and Oyama, 1954 [CM20903], Oyama, 1973 [CM20903]

Mitrella (Indomitrella) smithi: Taki and Oyama, 1954 [CM20899]

Mitrella (Indomitrella) turriculata: Taki and Oyama, 1954 [CM20902], Oyama, 1973 [CM20902]

Mitrella (Indomitrella) yabei: Oyama, 1973 [CM20899]

Mitrella (Mitrella) bicincta: Oyama, 1973 [CM20148,20907,20911]

Mitrella (Mitrella) burchardi: Taki and Oyama, 1954 [CM20153], Oyama, 1973 [CM20153]

Mitrella (Mitrella) dunkeri: Taki and Oyama, 1954 [CM20148,20907,20911]

Mitrella sp.: Okutani, 1968 [CM15409]

Mitrella sp.: Iwasaki, 1970 [CM9386,9387]

Mitrella varians: Otuka, 1932 [CM10652]

Moerchiella stillicidiata: Oyama, 1973 [CM21128]

Mohnia sp.: Chinzei, 1959 [CM8547,8548]

Mohnia sp.: Chinzei, 1973 [CM8156,8157,8161]

Mohnia yanamii: Makiyama, 1958 [CM23085]

Cenozoic Gastropoda (continued)

Molopophorus watanabei: Otuka, 1937c [CM13143-13145], Oyama, Mizuno and Sakamoto, 1960 [CM13143-13145]

Monilea ojiensis: Yokoyama, 1927a [CM23877]

Monodonta labio: Yokoyama, 1924a [CM21886]

Monodonta (Monodonta) "chinensis": Taki and Oyama, 1954 [CM21886]

Monodonta (Monodonta) trochiformis: Oyama, 1973 [CM21886]

Mörchinella stillicidiatum: Taki and Oyama, 1973 [CM21128]

Musashia (Musashia) nagaoi: Shikama, 1967 [CM15338]

Musashia (Nipponomelon) kamakurensis: Shikama, 1967 [CM20092]

Musashia (Nipponomelon) otukai: Shikama, 1967 [CM15336]

Musashia (Nipponomelon) prevostiana: Shikama, 1967 [CM13288,15327-15335]

Musashia (Nipponomelon) prevostiana magna: Shikama, 1967 [CM22968,25285]

Musashia (Nipponomelon) striata: Shikama, 1967 [CM15337,22666,22667]

Murex djarianensis: Makiyama, 1958 [CM23388,23389]

Murex falcatus: Tokunaga, 1906 [CM13400]

Murex longicanalis: Tokunaga, 1906 [CM13401]

Murex (Phyllonotus) bullocki: Yokoyama, 1923d [CM24600-24603], Yokoyama, 1926g [23391,23392]

Murex polygonulus: Yokoyama, 1931b [CM25896]

Murex spinicosta: Yokoyama, 1926g [CM23388-23390]

Myurella n. sp.: Taki and Oyama, 1954 [CM20773]

Myurella (Perirhoe) hedleyana var.: Taki and Oyama, 1954 [CM20774]

Myurella (Perirhoe) quadriarata: Taki and Oyama, 1954 [CM20781]

Myurella (Pervicacia) latisulcata: Taki and Oyama, 1954 [CM20782,20955]

Myurella (Pervicacia) recticostata: Taki and Oyama, 1954 [CM20053]

Myurella (Pristiterebra) bifrons: Taki and Oyama, 1954 [CM20780,20786,20787]

Myurella (Pristiterebra) chibana: Taki and Oyama, 1954 [CM20777]

Myurella (Pristiterebra) suavidica: Taki and Oyama, 1954 [CM20784]

Myurella (Punctoterebra) lischkeana: Taki and Oyama, 1954 [CM20052]

Myurella (Strioterebrum) bathyrahphe: Taki and Oyama, 1954 [CM23639]

Myurella (Strioterebrum) eminula: Oyama, Mizuno and Sakamoto, 1960 [CM22664]

Myurella (Strioterebrum) naumanni: Taki and Oyama, 1954 [CM20055]

Myurella (Strioterebrum) sp.: Taki and Oyama, 1954 [CM23636]

Myurella (Strioterebrum) tokunagai: Taki and Oyama, 1954 [CM20056]

Cenozoic Gastropoda (continued)

Nassa (Hima) demissa: Yokoyama, 1923b [CM21760-21762], Yokoyama, 1926g [CM 23384]

Nassa (Hima) festiva: Yokoyama, 1920 [CM20139,20140], Yokoyama, 1922a [CM 20894-20896], Yokoyama, 1926f [CM23107], Yokoyama, 1927a [CM23707-23711], Yokoyama, 1927b [CM24231-24237], Yokoyama, 1927c [CM24819]

Nassa (Hima) fraterculus: Yokoyama, 1922a [CM20897], Yokoyama, 1927a [CM 23712], Yokoyama, 1931b [CM25879]

Nassa (Hima) iwakiana: Yokoyama, 1931b [CM25882-25892]

Nassa (Hima) japonica: Yokoyama, 1920 [CM20137,20138], Yokoyama, 1922a [CM 20889-20893], Yokoyama, 1923b [CM21759], Yokoyama, 1925b [CM22461], Yokoyama, 1925d [CM22668], Yokoyama, 1926c [CM22848,22849], Yokoyama, 1926f [CM23106], Yokoyama, 1926g [CM23383], Yokoyama, 1927a [CM23702-23706], Yokoyama, 1927b [CM24225-24230], Yokoyama, 1927c [CM24818], Yokoyama, 1928b [CM25299,25300]

Nassa (Hima) verbeeki: Yokoyama, 1930a [CM25560]

Nassa iwakiana: Yokoyama, 1931b [CM25880,25881]

Nassa japonica: Tokunaga, 1906 [CM13420-13422]

Nassa livescens: Tokunaga, 1906 [CM13423,13424]

Nassa (Niotha) congrua: Yokoyama, 1926g [CM23385]

Nassa (Niotha) incongrua: Yokoyama, 1929a [CM25525]

Nassa (Niotha) livescens: Yokoyama, 1920 [CM20141-20147], Yokoyama, 1924a [CM21811,22000], Yokoyama, 1927a [CM23713,23714], Yokoyama, 1927b [CM 24238-24241], Yokoyama, 1927c [CM24820,24821], Yokoyama, 1931b [CM25877, 25878]

Nassaria magnifica: Yokoyama, 1926g [CM23379], Yokoyama, 1928a [CM25112, 25113], Makiyama, 1958 [CM23379]

Nassaria (Microfusus) obesiformis: Taki and Oyama, 1954 [CM20120]

Nassarius acutidentatus: Iwasaki, 1970 [CM9376-9382]

Nassarius (Akectrion) balteatus: Otuka, 1935b [CM12442]

Nassarius (Caesia) demissus: Makiyama, 1957 [CM21760,21761], Makiyama, 1958 [CM23382]

Nassarius congruus: Makiyama, 1958 [CM23385]

Nassarius (Coraeophos) nakamurai: Makiyama, 1958 [CM22774-22776]

Nassarius fraterculus: Otuka, 1932 [CM10656]

Nassarius (Hima) incongruus: Otuka, 1937a [CM13056,13057,25525]

Nassarius (Hinia) festivus: Otuka, 1935b [CM12437-12439]

Nassarius (Hinia) simizui: Otuka, 1934 [CM12094,13002-13005], Otuka, 1938c [CM12757]

Nassarius japonicus: Otuka, 1932 [CM10657]

Cenozoic Gastropoda (continued)

Nassarius (Niotha) gemmularus: Otuka, 1935b [CM12444]

Nassarius (Niotha) livescens: Otuka, 1935b [CM12445,12446]

Nassarius (Tritonella) japonicus: Otuka, 1935b [CM12440,12441]

Nassarius (Zeuxis) caelatus: Otuka, 1935b [CM12443], Taki and Oyama, 1954 [CM20141], Oyama, 1973 [CM20141]

Nassarius (Zeuxis) kometubus: Otuka, 1934 [CM12095,12104,13006,13007]

Natica adamsiana: Yokoyama, 1928a [CM25152]

Natica ampla: Tokunaga, 1906 [CM13457-13459]

Natica clausa: Tokunaga, 1906 [CM13455,13456]

Natica clausiformis: Okutani, 1968 [CM15406]

Natica colliei: Yokoyama, 1930a [CM25575]

Natica concinna: Otuka, 1935b [CM12419,12632,12633a,12633b,12633c]

Natica (Cryptonatica) clausa tugaruana: Otuka, 1939a [CM12841,12855]

Natica (Euspira) aff. *meisensis*: Otuka, 1938c [CM12745,12746]

Natica (Euspira) meisensis: Otuka, 1943a [CM13185]

Natica janthostoma: Yokoyama, 1920 [CM20217-20230], Yokoyama, 1922a [CM 20985-20987], Yokoyama, 1923b [CM21772], Yokoyama, 1923c [CM24553], Yokoyama, 1923d [CM24621], Yokoyama, 1924b [CM22064,22065,27042], Yokoyama, 1925a [CM22162-22166], Yokoyama, 1925b [CM22481-22483], Yokoyama, 1925c [CM22558-22560], Yokoyama, 1925d [CM22676,22677], Yokoyama, 1926c [CM22869-22872], Yokoyama, 1926d [CM22951,22969,22998], Yokoyama, 1926e [CM23021,23022], Yokoyama, 1926f [CM23149,23150], Yokoyama, 1926g [CM 23413,23414], Yokoyama, 1926i [CM27146], Yokoyama, 1926j [CM27195,27246], Yokoyama, 1927a [CM23780,23782-23784], Yokoyama, 1927b [CM24304,24305], Yokoyama, 1927c [CM24848,24849], Yokoyama, 1927e [CM26326-26328], Yokoyama, 1928a [CM25148-25151], Yokoyama, 1928b [CM25326-25329], Yokoyama 1929b [CM26895-26897], Yokoyama, 1930c [CM25653-25657], Yokoyama, 1931a [CM25744,25757,25785,25821,25833,25834,25847], Yokoyama, 1932a [CM26076 -26078], Otuka, 1932 [CM10653], Otuka, 1936a [CM12798]

Natica kiritaniana: Yokoyama, 1931b [CM25918-25953], Yokoyama, 1932a [CM 26079-26081]

Natica (Neverita) ampla: Yokoyama, 1931b [CM25917]

Natica papyracea: Tokunaga, 1906 [CM13460]

Natica sp.: Otuka, 1936c [CM13055]

Natica sp.: Otuka, 1943b [CM13254]

Natica sp.: Yokoyama, 1923a [CM21687]

Natica sp.: Yokoyama, 1925b [CM22371,22372]

Natica sp.: Yokoyama, 1926d [CM22975]

Natica sp.: Makiyama, 1959 [CM25152]

Cenozoic Gastropoda (continued)

Natica sp.: Yokoyama, 1931a [CM25780]

Natica sp.: Yokoyama, 1932a [CM26082-26084]

Natica sp.: Yokoyama, 1926j [CM27278]

Natica(?) sp.: Otuka, 1937a [CM13061]

Natica(?) sp.: Yokoyama, 1929a [CM25541]

Natica (Tectonatica) russa: Chinzei, 1959 [CM8526-8528]

Natica (Tectonatica) severa: Taki and Oyama, 1954 [CM20217,20218]

Nematoma exquisita: Makiyama, 1958 [CM23091]

Neocollonia pilula: Taki and Oyama, 1954 [CM21882], Oyama, 1973 [CM21882]

Neptunea arthritica: Taki and Oyama, 1954 [CM20859]

Neptunea arthritica?: Makiyama, 1959 [CM26880]

Neptunea (Barbitonia) arthritica: Taki and Oyama, 1954 [CM20122], Oyama, 1973 [CM20122,20859]

Neptunea cf. *arthritica*: Chinzei, 1961 [CM8623]

Neptunea despecta: Tokunaga, 1906 [CM13412,13413]

Neptunea hukusimensis: Iwasaki, 1970 [CM9301-9304]

Neptunea modesta: Makiyama, 1958 [CM22543]

Neptunea (Neptunea) yokoyamai: Oyama, 1973 [CM20111-20113]

Neptunea nomurai: Otuka, 1943b [CM13257]

Neptunea oomurai: Otuka, 1940b [CM12666]

Neptunea otukai: Chinzei, 1959 [CM8531,8585,8586]

Neptunea sp.: Chinzei, 1973 [CM8106-8108]

Neptunea sp.: Makiyama, 1957 [CM22121]

Neptunea sp. aff. *modesta*: Makiyama, 1959 [CM26876]

Neptunea sp. (cf. *yokoyamai*): Okutani, 1968 [CM15410]

Neptunea tuberculata: Makiyama, 1959 [CM26877]

Neptunea uwasoensis: Otuka, 1935b [CM12434,12650]

Neptunea yokoyamai: Taki and Oyama, 1954 [CM20111-20113]

Nerita albicilla: Yokoyama, 1924a [CM21878]

Neritaeformis didyma: Otuka, 1932 [CM10655]

Neritaeformis sagamiensis: Otuka, 1932 [CM10654]

Nerita (Theliostyla) albicilla: Taki and Oyama, 1954 [CM21878], Oyama, 1973 [CM21878]

Nerithina sp.: Iwasaki and Aoshima, 1970 [CM8490]

"Neritina" sp.: Iwasaki, 1975 [CM8490]

Cenozoic Gastropoda (continued)

Neverita (Glossaulax) didyma: Oyama, 1973 [CM20232]

Neverita (Glossaulax) reiniana: Oyama, 1973 [CM20233]

Neverita kiritaniana: Makiyama, 1959 [CM25918], Iwasaki, 1970 [CM9305-9350, 9375]

Niso interrupta: Yokoyama, 1926h [CM23534], Yokoyama, 1928a [CM25163], Yokoyama, 1928b [CM25335]

Niso yokoyamai: Makiyama, 1958 [CM23534]

Nodiscala matajiroi: Oyama, 1973 [CM23800]

Nodiscala rissoinaeformis: Taki and Oyama, 1954 [CM23800]

Noditerebra (Noditerebra) evoluta latisulcata: Oyama, 1973 [CM20782,20955]

Noditerebra (Noditerebra) recticostata: Oyama, 1973 [CM20053]

Noditerebra (Pristiterebra) suavidica: Oyama, 1973 [CM20784]

Noditerebra (Pristiterebra) tsuboiana: Oyama, 1973 [CM20780,20786,20787]

Notoacmaea concinna: Makiyama, 1958 [CM23185]

Notoacmaea schrenckii: Makiyama, 1958 [CM23187,22570]

Nucella heyseana: Oyama, 1973 [CM20932]

Obtortio orientalis: Otuka, 1935b [CM12366-12368]

Obtortio perpupoides: Otuka, 1935b [CM12369-12371]

Obtortio septentrionalis: Otuka, 1935c [CM12365,12652]

Ocenebra bullocki: Makiyama, 1957 [CM24600,24601], Makiyama, 1958 [CM23391]

Ocenebra cf. *japonica*: Iwasaki, 1970 [CM9357-9359]

Ocenebra inornata: Makiyama, 1959 [CM25896]

Ocenebra japonica: Makiyama, 1958 [CM23114]

Ocenebra lumaria: Makiyama, 1958 [CM23118]

Ocenebra tsuzurensis: Makiyama, 1957 [CM22050-22052]

"Ocenebra" tsuzurensis: Oyama, Mizuno and Sakamoto, 1960 [CM22050-22052]

Ocenopota kagana: Makiyama, 1959 [CM24793]

Ocinebra contracta: Yokoyama, 1924a [CM21816,21817,22001], Yokoyama, 1927b [CM24251]

Ocinebra falcata: Yokoyama, 1922a [CM20923-20925], Yokoyama, 1927a [CM 23729], Yokoyama, 1927c [CM24831-24833], Yokoyama, 1928a [CM25123], Yokoyama, 1928b [CM25315]

Ocinebra lumaria: Yokoyama, 1926f [CM23118], Yokoyama, 1928b [CM25316]

Ocinebra sp.: Yokoyama, 1929a [CM25526], Otuka, 1937a [CM25526]

Ocinebra spectata: Yokoyama, 1922a [CM20927]

Ocinebra tsuzurensis: Yokoyama, 1924b [CM22050-22052]

Cenozoic Gastropoda (continued)

Odostomia aff. *desimana*: Otuka, 1932 [CM10659]

Odostomia (Besla) bicinctella: Yokoyama, 1927a [CM23843,23844]

Odostomia (Besla) shibana: Yokoyama, 1927a [CM23845,23846]

Odostomia cfr. *subplanata*: Tokunaga, 1906 [CM13478]

Odostomia (Egilina) affectuosa: Yokoyama, 1927a [CM23836]

Odostomia (Egilina) marielloides: Yokoyama, 1922a [CM21072,21073], Yokoyama, 1924a [CM21876], Yokoyama, 1926f [CM23155], Yokoyama, 1927a [CM 23837], Yokoyama, 1927c [CM24859]

Odostomia (Evalea) araii: Otuka, 1939a [CM12840]

Odostomia (Evalea) cf. *aleutica*: Chinzei, 1959 [CM8557]

Odostomia (Evalea) gordonis: Taki and Oyama, 1954 [CM21047], Oyama, 1973 [CM21047]

Odostomia (Evalea) n. sp.: Taki and Oyama, 1954 [CM21058]

Odostomia (Evalea) sp.: Oyama, 1973 [CM21058]

Odostomia (Evalea) toneana: Taki and Oyama, 1954 [CM21067], Oyama, 1973 [CM21067]

Odostomia fasciata: Tokunaga, 1906 [CM13476]

Odostomia (Heida) rusticella: Yokoyama, 1927b [CM24330]

Odostomia (Iolaea) amicalis: Yokoyama, 1927a [CM23840,23841]

Odostomia limpida: Otuka, 1935b [CM12401,12402], Taki and Oyama, 1954 [CM 21056]

Odostomia marielloides: Yokoyama, 1926i [CM27150]

Odostomia (Megastomia) rusticella: Taki and Oyama, 1954 [CM24330], Oyama, 1973 [CM24330]

Odostomia (Menestho) exaratissima: Yokoyama, 1928a [CM25164]

Odostomia (Menestho) nishiana: Yokoyama, 1927a [CM23842]

Odostomia (Miralda?) clandestina: Yokoyama, 1926g [CM23424,23425]

Odostomia (Miralda) gemma: Yokoyama, 1924a [CM21874,21875]

Odostomia (Odetta) lectissimoides: Yokoyama, 1927a [CM23838,23839]

Odostomia (Odetta) neofelix: Yokoyama, 1922a [CM21071], Yokoyama, 1927c [CM24860]

Odostomia (Odostomia) desimana: Yokoyama, 1922a [CM21058-21061], Yokoyama, 1927a [CM23828,23829], Yokoyama, 1927b [CM24329]

Odostomia (Odostomia) fujitanii: Yokoyama, 1927a [CM23831,23832], Taki and Oyama, 1954 [CM23831], Oyama, 1973 [CM23831]

Odostomia (Odostomia) gordonis: Yokoyama, 1922a [CM21047-21052], Yokoyama, 1927a [CM23827]

Cenozoic Gastropoda (continued)

Odostomia (Odostomia) hilgendorffi: Yokoyama, 1920 [CM20243,20244], Yokoyama, 1927a [CM23820-23823]

Odostomia (Odostomia) hilgendorfi: Taki and Oyama, 1954 [CM20243], Oyama, 1973 [CM20243]

Odostomia (Odostomia) kizakiensis: Yokoyama, 1922a [CM21062], Taki and Oyama, 1954 [CM21062], Oyama, 1973 [CM21062]

Odostomia (Odostomia) limpida: Yokoyama, 1922a [CM21056,21058], Yokoyama, 1926i [CM27149], Yokoyama, 1927b [CM24327], Yokoyama, 1927c [CM24858], Oyama, 1973 [CM21056]

Odostomia (Odostomia) optata: Yokoyama, 1927a [CM23833], Taki and Oyama, 1954 [CM23833], Oyama, 1973 [CM23833]

Odostomia (Odostomia) shimosensis: Yokoyama, 1922a [CM21053-21055], Yokoyama, 1927a [CM23830], Taki and Oyama, 1954 [CM21053], Oyama, 1973 [CM21053]

Odostomia (Odostomia) sublimpida: Yokoyama, 1920 [CM20246,20247], Yokoyama, 1922a [CM21046], Yokoyama, 1927a [CM23824,23825], Yokoyama, 1927b [CM 24328], Taki and Oyama, 1954 [CM20246], Oyama, 1973 [CM20246]

Odostomia (Odostomia) suboxia: Yokoyama, 1922a [CM21070], Taki and Oyama, 1954 [CM21070], Oyama, 1973 [CM21070]

Odostomia (Odostomia) toneana: Yokoyama, 1922a [CM21067-21069]

Odostomia (Odostomia) venusta: Yokoyama, 1922a [CM21063-21066], Yokoyama, 1927a [CM23826]

Odostomia (Ondina?) calypso: Yokoyama, 1926f [CM23157]

Odostomia optata: Otuka, 1932 [CM10658]

Odostomia (Parthenina) takinogawensis: Yokoyama, 1920 [CM20245,20716], Yokoyama, 1927a [CM23834,23835]

Odostomia planata: Tokunaga, 1906 [CM13477]

Odostomia shimosensis: Yokoyama, 1931b [CM25954]

Odostomia takinogawensis: Tokunaga, 1906 [CM13479]

Oenopota nipponica: Oyama, 1973 [CM20869]

Oliva erythrostoma: Makiyama, 1958 [CM23354]

Oliva irisans: Yokoyama, 1926g [CM23354,23355]

Oliva mustelina: Otuka, 1935b [CM12448]

Olivella baetica: Yokoyama, 1928a [CM25066]

Olivella consobrina: Tokunaga, 1906 [CM13426], Otuka, 1934 [CM12097]

Olivella fabula var.: Taki and Oyama, 1954 [CM20831]

Olivella fortunei: Yokoyama, 1922a [CM20831-20837], Yokoyama, 1925a [CM 22118,27088], Yokoyama, 1926g [CM23356], Yokoyama, 1926j [CM27184], Yokoyama, 1927a [CM23680], Yokoyama, 1927b [CM24217,24218], Yokoyama, 1928b [CM25284], Yokoyama, 1929a [CM25524], Yokoyama, 1931b [CM25875, 25876], Otuka, 1937a [CM13055], Makiyama, 1959 [CM25066]

Cenozoic Gastropoda (continued)

Olivella japonica: Oyama, 1973 [CM20831]

Olivella spretoides: Yokoyama, 1922a [CM20838,20839], Yokoyama, 1923b [CM 21739], Yokoyama, 1926g [CM23357-23360], Yokoyama, 1927a [CM23681], Yokoyama, 1927c [CM24804,24805], Yokoyama, 1928a [CM25064,25065], Taki and Oyama, 1954 [CM20838], Makiyama, 1958 [CM23357,23358], Oyama, 1973 [CM 20838]

Ophiodermella miyatensis: Taki and Oyama, 1954 [CM20082], Makiyama, 1958 [CM23080], Oyama, 1973 [CM20082,20795]

Ophiodermella miyatensis gracilis: Makiyama, 1958 [CM23081]

Ophiodermella miyatensis sematensis: Taki and Oyama, 1954 [CM20795]

Ophiodermella ogurana: Taki and Oyama, 1954 [CM20796], Oyama, 1973 [CM 20796]

Ophiodermella pseudopannus: Taki and Oyama, 1954 [CM20794], Oyama, 1973 [CM20794]

Orectospira excelsa: Makiyama, 1959 [CM25129]

Paraclathurella gracilenta: Taki and Oyama, 1954 [CM23674], Oyama, 1973 [CM23674]

Paradrillia nivalioides: Taki and Oyama, 1954 [CM20075], Oyama, 1973 [CM 20075]

Parviterebra raritans: Yokoyama, 1922a [CM20789]

Patella (Helconiscus) amussitata: Tokunaga, 1906 [CM13507]

Patella sp.: Yokoyama, 1932a [CM26091]

Patelloida conulus: Otuka, 1935b [CM12332,12333]

Patelloida saccharina: Otuka, 1935b [CM12331]

Pectinodonta kuragiensis: Taki and Oyama, 1954 [CM20300]

Perissolax lymani: Yokoyama, 1932a [CM26002], Makiyama, 1959 [CM26002]

Petaloconchus (Macrophragma?) annulatus: Oyama, 1973 [CM21855]

Phalium (Bezoardicella) variegatum: Oyama, 1973 [CM20937]

Phalium (Doliocassis) onishpetensis: Otuka, 1937c [CM13142]

Phalium strigosum: Taki and Oyama, 1954 [CM20937]

Phalium yokoyamai: Otuka, 1936c [CM12812]

Phanelolepida transenna: Okutani, 1968 [CM15390]

Phasianella tristis: Yokoyama, 1926f [CM23171,23172]

Phenacovolvula artiaperta: Taki and Oyama, 1954 [CM23614], Oyama, 1973 [CM 23614]

Philbertia leuckarti: Taki and Oyama, 1954 [CM21807]

Philbertia tincta: Otuka, 1935b [CM12458,12459]

Cenozoic Gastropoda (continued)

Philine argentata: Oyama, 1973 [CM23625]

Philine japonica: Yokoyama, 1927a [CM23625], Otuka, 1935b [CM12475], Taki and Oyama, 1954 [CM20760,23625]

Philine ornatissima: Yokoyama, 1927a [CM23626]

Philine pygmaea: Yokoyama, 1922a [CM20760,20761]

Philine scalpta: Yokoyama, 1922a [CM20758,20759], Yokoyama, 1927a [CM23624], Yokoyama, 1927b [CM24195], Otuka, 1932 [CM10660], Taki and Oyama, 1954 [CM20758]

Philine sp.: Taki and Oyama, 1954 [CM20759]

Philine takatensis: Yokoyama, 1922a [CM20762]

Philine vitrea: Oyama, 1973 [CM20758,20759]

Philippia radiata: Taki and Oyama, 1954 [CM20968], Oyama, 1973 [CM20968]

Phos (Coraeophos) iwakianus: Otuka, 1943a [CM13186], Otuka, 1943b [CM13255], Makiyama, 1959 [CM25880,25881]

Phos iwakianus: Iwasaki, 1970 [CM9362-9374,9397]

Pisania (Japeuthria) ferrea: Taki and Oyama, 1954 [CM21809], Oyama, 1973 [CM21809]

Plesioacirsa chitaniana: Makiyama, 1958 [CM23567]

Plesioacirsa yokoyamai: Makiyama, 1958 [CM23119]

Pleurotoma asukana: Yokoyama, 1928a [CM25049,25050], Makiyama, 1959 [CM 25049]

Pleurotoma (Bela?) glabra: Yokoyama, 1920 [CM20086]

Pleurotoma contraria: Yokoyama, 1926j [CM23562,23563], Yokoyama, 1927c [CM 24781-24783], Yokoyama, 1928b [CM25269]

Pleurotoma (Drillia) benten: Yokoyama, 1920 [CM20077]

Pleurotoma (Drillia) braunsi: Yokoyama, 1920 [CM20078-20080]

Pleurotoma (Drillia) cosibensis: Yokoyama, 1920 [CM20713]

Pleurotoma (Drillia) nivalioides: Yokoyama, 1920 [CM20075,20076]

Pleurotoma (Drillia) principalis: Tokunaga, 1906 [CM13443], Yokoyama, 1920 [CM20067-20069]

Pleurotoma (Drillia) pseudo-principalis: Yokoyama, 1920 [CM20070-20072]

Pleurotoma (Drillia) quantoana: Yokoyama, 1920 [CM20073]

Pleurotoma (Drillia) raricostata: Tokunaga, 1906 [CM13448]

Pleurotoma (Drillia) reciproca: Tokunaga, 1906 [CM13446,13447]

Pleurotoma (Drillia) subauriformis: Tokunaga, 1906 [CM13445]

Pleurotoma (Drillia) tabatensis: Tokunaga, 1906 [CM13450]

Pleurotoma glabra: Yokoyama, 1928b [CM25270]

Cenozoic Gastropoda (continued)

Pleurotoma kamakurana: Yokoyama, 1920 [CM20062-20065], Yokoyama, 1928a [CM 25034]

Pleurotoma (Mangilia) deshayesii: Yokoyama, 1920 [CM20081]

Pleurotoma (Mangilia) gracilenta: Tokunaga, 1906 [CM13449]

Pleurotoma (Mangilia) miyatensis: Yokoyama, 1920 [CM20082-20084]

Pleurotoma (Mangilia) parva: Tokunaga, 1906 [CM13453,13801]

Pleurotoma mediocarinata: Yokoyama, 1920 [CM20066], Yokoyama, 1925a [CM 22114]

Pleurotoma ojiensis: Tokunaga, 1906 [CM13451]

Pleurotoma oxytropis: Tokunaga, 1906 [CM13441], Yokoyama, 1927a [CM23643, 23644]

Pleurotoma pervirgo: Yokoyama, 1928a [CM25035,25036]

Pleurotoma sadoensis: Yokoyama, 1926f [CM23078,27099], Yokoyama, 1932a [CM 25998]

Pleurotoma sagamiensis: Tokunaga, 1906 [CM13452]

Pleurotoma shimomatana: Yokoyama, 1926g [CM23335,23336]

Pleurotoma sp.: Yokoyama, 1925a [CM22115]

Pleurotoma sp.: Yokoyama, 1925b [CM22458]

Pleurotoma sp.: Yokoyama, 1929b [CM26874]

Pleurotoma subdeclivis: Yokoyama, 1926g [CM23333,23334], Yokoyama, 1926h [CM23533], Yokoyama, 1928a [CM25025-25033]

Pleurotoma (Surcula?) nojimensis: Yokoyama, 1920 [CM20085]

Pleurotoma vertebrata: Tokunaga, 1906 [CM13442], Yokoyama, 1922a [CM20790-20793], Yokoyama, 1926g [CM23332], Yokoyama, 1927a [CM23641,23642], Yokoyama, 1927b [CM24203,24204], Yokoyama, 1927c [CM24778-24780], Yokoyama, 1928a [CM25023,25024], Yokoyama, 1928b [CM25268]

Plicifusus ozawai: Makiyama, 1959 [CM24797]

Plicifusus plicatus: Makiyama, 1959 [CM25753]

Plicifusus yanamii tenuis: Makiyama, 1959 [CM24798]

Polinices ampla: Yokoyama, 1926h [CM27125], Yokoyama, 1926j [CM27196], Yokoyama, 1927c [CM24852,24853], Yokoyama, 1928a [CM25153,25154], Yokoyama, 1928b [CM25330,25331], Yokoyama, 1929a [CM25540]

Polinices didyma: Otuka, 1934 [CM12101], Otuka, 1936a [CM12797]

Polinices (Euspira) meisensis: Otuka, 1934 [CM12076-12078]

Polinices fissurata: Otuka, 1934 [CM12070-12074]

Polinices (Glossaulax) didyma: Taki and Oyama, 1954 [CM20232]

Polinices (Glossaulax) reiniana: Taki and Oyama, 1954 [CM20233]

Cenozoic Gastropoda (continued)

Polinices (Mamillaria) sagamiensis: Taki and Oyama, 1954 [CM20988]

Polinices (Neverita) ampla: Yokoyama, 1920 [CM20232-20236], Yokoyama, 1922a [CM20990-20993], Yokoyama, 1923b [CM21773], Yokoyama, 1923d [CM24622], Yokoyama, 1925a [CM22167,22168], Yokoyama, 1925b [CM22484,22485], Yokoyama, 1925c [CM22561-22563], Yokoyama, 1926b [CM22780,22781], Yokoyama, 1926g [CM23415-23420], Yokoyama, 1927a [CM23785-23789], Yokoyama, 1927b [CM24306-24311]

Polinices pallidus: Yokoyama, 1926f [CM23151,23152], Yokoyama, 1926j [CM 27247], Yokoyama, 1927c [CM24850,24851], Yokoyama, 1928a [CM25155-25157], Yokoyama, 1928b [CM25332]

Polinices powisianus: Yokoyama, 1922a [CM20988,20989], Yokoyama, 1928a [CM 25158,25159]

Polinices sagamiensis: Oyama, 1973 [CM20988]

Pollinices pallidus: Yokoyama, 1920 [CM20231]

Polynices aff. *didyma*: Otuka, 1937a [CM13060]

Polynices didyma: Otuka, 1935b [CM12417]

Polynices didyma subsp.: Otuka, 1943a [CM13182-13184,13210]

Polynices ovata pila: Otuka, 1939a [CM12842]

Polynices sagamiensis: Otuka, 1935b [CM12418]

Polystria leucotropis: Taki and Oyama, 1954 [CM23643]

Polytropa freycinetii: Chinzei, 1961 [CM8624,8625]

Polytropa heyseana: Taki and Oyama, 1954 [CM20932]

Polytropa shiwa: Chinzei, 1961 [CM8626-8628]

Potamides ancisus: Yokoyama, 1929a [CM25537]

Potamides (Batillaria) multiformis: Yokoyama, 1920 [CM20189,20190], Yokoyama, 1922a [CM20953,20954], Yokoyama, 1924a [CM21837], Yokoyama, 1927a [CM23751], Yokoyama, 1927b [CM24275-24277]

Potamides (Batillaria) zonalis: Yokoyama, 1922a [CM20951,20952], Yokoyama, 1924a [CM21836], Yokoyama, 1926i [CM27144], Yokoyama, 1927a [CM23748-23750], Yokoyama, 1927b [CM24270-24274]

Potamides cfr. *incisus*: Tokunaga, 1906 [CM13491]

Potamides (Lampania) zonale: Tokunaga, 1906 [CM13487,13488]

Potamides (Tympanotonos) fluviatilis: Tokunaga, 1906 [CM13489,13490], Yokoyama, 1920 [CM20188], Yokoyama, 1922a [CM20950], Yokoyama, 1926c [CM 22860], Yokoyama, 1927a [CM23746,23747], Yokoyama, 1927b [CM24278-24281], Yokoyama, 1931b [CM25899]

Potamides uyemurai: Yokoyama, 1929b [CM26887], Makiyama, 1959 [CM26887]

Priene oregonensis: Yokoyama, 1922a [CM20936], Yokoyama, 1925a [CM22140, 22141], Yokoyama, 1925c [CM22549,22550], Yokoyama, 1925d [CM22669-22671], Yokoyama, 1926b [CM22778], Yokoyama, 1926g [CM23397,23398], Yokoyama,

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1926j [CM27273], Yokoyama, 1927e [CM26322], Yokoyama, 1928a [CM25124], Yokoyama, 1928b [CM25317], Yokoyama, 1930c [CM25650], Yokoyama, 1931a [CM25741]

"Proclava" aff. *ishiianum*: Otuka, 1934 [CM12064]

Proclava ancisa: Makiyama, 1959 [CM25537]

Profundinassa babylonica: Otuka, 1949 [CM13277]

Propebela cf. *furricula*: Chinzei, 1959 [CM8545]

Propebela cf. *kurodai*: Chinzei, 1959 [CM8544]

Propebela cf. *nakamurai*: Chinzei, 1959 [CM8543]

Propebela? ozawai: Makiyama, 1958 [CM23083]

Propebela sp.: Chinzei, 1959 [CM8546]

Propebela (Turritoma) candida: Makiyama, 1958 [CM23087,23088]

Propebela (Turritoma) yokoyamai: Taki and Oyama, 1954 [CM20813]

Proterato (Sulcerato) callosa: Taki and Oyama, 1954 [CM20946], Oyama, 1973 [CM20946]

Psephaea tokunagai: Otuka, 1943b [CM13258]

Pseudoetrema fortilirata: Oyama, 1973 [CM23655]

Pseudoliotia micans: Otuka, 1935b [CM12356], Makiyama, 1958 [CM23180]

Pseudoperissolax cf. *blakei*: Makiyama, 1957 [CM20023]

Pseudoperissolax yokoyamai: Oyama, Mizuno and Sakamoto, 1960 [CM20023]

Pseudorhaphitoma ishiiana: Makiyama, 1958 [CM23544]

Pseudorhaphitoma naganumaensis: Otuka, 1935b [CM12461,12623,12641,12642]

Pseudorhaphitoma? sp.: Otuka, 1935b [CM12462]

Punctoterebra (Brevimyurella) lischkeana var.: Oyama, 1973 [CM20052]

Punctoterebra (Granuliterebra) bathyrhaphe: Oyama, 1973 [CM23639]

Punctoterebra (Granuliterebra) tokunagai: Oyama, 1973 [CM20056]

Puncturella hirasei: Otuka, 1935b [CM12329]

Puncturella nobilis: Yokoyama, 1922a [CM21133,21134], Yokoyama, 1926f [CM 23182], Yokoyama, 1926j [CM27198], Yokoyama, 1927c [CM24872]

Puncturella (Puncturella) fastigiata: Taki and Oyama, 1954 [CM20292], Oyama, 1973 [CM20292]

Puncturella (Puncturella) nobilis: Taki and Oyama, 1954 [CM21133], Oyama, 1973 [CM21133]

Puncturella subconica: Yokoyama, 1920 [CM20292,20293], Yokoyama, 1927c [CM 24873]

Pupa clathrata: Taki and Oyama, 1954 [CM20731]

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Pupa strigosa: Taki and Oyama, 1954 [CM20728]

Purpura alveolata: Yokoyama, 1920 [CM20170], Yokoyama, 1926g [CM23395], Yokoyama, 1927a [CM23734], Yokoyama, 1927b [CM24257]

Purpura (Cuma) rugosa: Yokoyama, 1924a [CM21820,21821]

Purpura dualis: Makiyama, 1959 [CM25097]

Purpura heyseana: Yokoyama, 1922a [CM20932,20933]

Purpura luteostoma: Yokoyama, 1920 [CM20168,20169]

Purpura (Mancinella) bronni: Taki and Oyama, 1954 [CM20168]

Purpura (Mancinella) clavigera: Taki and Oyama, 1954 [CM20170]

Purpura (Mancinella) siro: Taki and Oyama, 1954 [CM21818]

Purpura (Thalessa) bitubercularis: Yokoyama, 1924a [CM21818,21819,22002]

Pusia emmae: Taki and Oyama, 1954 [CM20105], Oyama, 1973 [CM20105]

Pusia hondana: Taki and Oyama, 1954 [CM20846,20848]

Putilla paludinoides: Taki and Oyama, 1954 [CM23766], Oyama, 1973 [CM 23766]

Pygmaerota duplicata: Taki and Oyama, 1954 [CM20287], Oyama, 1973 [CM 20287]

Pygmaerota n. sp.: Taki and Oyama, 1954 [CM21105]

Pyramidella (Actaeopyramis) eximia: Yokoyama, 1922a [CM21041-21045], Yokoyama, 1926g [CM23423], Yokoyama, 1927a [CM23804], Yokoyama, 1927b [CM 24321,24322]

Pyramidella (Agatha) virgo var. *brevis*: Yokoyama, 1922a [CM21031-21036], Yokoyama, 1927a [CM23805-23809], Yokoyama, 1927b [CM24323,24324]

Pyramidella cinctella: Tokunaga, 1906 [CM13482,13483]

Pyramidella eximia: Tokunaga, 1906 [CM13480]

Pyramidella (Iphiana) mira: Yokoyama, 1922a [CM21038,21039], Yokoyama, 1926f [CM23154], Yokoyama, 1927a [CM23814,23815], Yokoyama, 1927b [CM 24326], Yokoyama, 1928b [CM25336]

Pyramidella (Iphiana) siva: Yokoyama, 1922a [CM21040]

Pyramidella (Siberia) pulchella: Yokoyama, 1927c [CM24857]

Pyramidella sp.: Otuka, 1932 [CM10662]

Pyramidella spirata: Tokunaga, 1906 [CM13481]

Pyramidella (Syrnola) cinnamomea: Yokoyama, 1922a [CM21037]

Pyramidella (Syrnola?) inturbida: Yokoyama, 1927a [CM23818,23819]

Pyramidella (Syrnola) toshimana: Yokoyama, 1927a [CM23816,23817]

Pyramidella (Tiberia) ebarana: Yokoyama, 1927a [CM23813]

Pyramidella (Tiberia) pseudo-pulchella: Yokoyama, 1920 [CM20241,20242]

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Pyramidella (Tiberia) pulchella: Yokoyama, 1922a [CM21027-21030], Yokoyama, 1923d [CM24630], Yokoyama, 1927a [CM23810-23812], Yokoyama, 1927b [CM24325]

Pyramidella virgo brevis: Otuka, 1932 [CM10661]

Pyrene bicinctella: Makiyama, 1959 [CM25120]

Pyrene fratercula: Makiyama, 1958 [CM23547]

Pyrene (Mitrella) varians: Otuka, 1935b [CM12428-12430]

Pyrene (Zafra) pumila: Otuka, 1935b [CM12431-12433,13009]

Pyrgulina densecostulata: Otuka, 1935b [CM12396-12398]

Pyrunculus phialus: Taki and Oyama, 1954 [CM20039], Oyama, 1973 [CM20039]

Ranella (Fusitriton) galea: Oyama, 1973 [CM20171,20172]

Rapana bezoar: Tokunaga, 1906 [CM13403-13405]

Rapana bezoar var. *thomasiana*: Yokoyama, 1922a [CM20928-20931], Yokoyama, 1923b [CM21764], Yokoyama, 1926g [CM23394], Yokoyama, 1926i [CM27142], Yokoyama, 1927a [CM23731-23733], Yokoyama, 1927b [CM24252-24256]

Rapana thomasiana: Otuka, 1932 [CM10663], Taki and Oyama, 1954 [CM20928]

Rapana venosa: Oyama, 1973 [CM20928]

Raphitoma ozawai: Yokoyama, 1927c [CM24797-24801], Yokoyama, 1928b [CM 25275,25276]

Rectiplanes sadoensis: Chinzei, 1973 [CM8086,8112,8113]

Retusa (Coleophysis) lineolata: Oyama, 1973 [CM21806]

Retusa (Coleophysis) minima: Oyama, 1973 [CM20033]

Retusa (Coleophysis) succincta: Oyama, 1973 [CM24191]

Retusa cucurbitina: Yokoyama, 1927b [CM24191]

Retusa globosa: Yokoyama, 1922a [CM20743-20745], Yokoyama, 1927a [CM23610, 23611], Yokoyama, 1927b [CM24189], Yokoyama, 1928a [CM25011]

Retusa gordonis: Yokoyama, 1927b [CM24190]

Retusa lineolata: Yokoyama, 1924a [CM21806], Taki and Oyama, 1954 [CM21806]

Retusa minima: Yokoyama, 1920 [CM20033,20034], Yokoyama, 1922a [CM20747, 20748], Yokoyama, 1926f [CM23073], Yokoyama, 1927a [CM23612,23613], Yokoyama, 1927c [CM24763], Otuka, 1935b [CM12469,12470,13017], Taki and Oyama, 1954 [CM20033]

Retusa (Retusa) cucurbitina: Taki and Oyama, 1954 [CM24191]

Retusa truncata: Yokoyama, 1922a [CM20746], Otuka, 1932 [CM10664]

Rhinoclavis (Ochetoclava) kochi: Oyama, 1973 [CM20949,24282]

Rhizorus acutaeformis: Oyama, 1973 [CM20752]

Rhizorus artiaperta: Otuka, 1935b [CM12471,12472]

Rhizorus cylindrellus: Oyama, 1973 [CM20035]

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Rhizorus radiola: Oyama, 1973 [CM20035]

Ringicula arctata: Tokunaga, 1906 [CM13512-13514]

Ringicula doliaris: Taki and Oyama, 1954 [CM20766,20767], Oyama, 1973 [CM 20046,20047,20766,20767]

Ringicula doliaris musashinoensis: Taki and Oyama, 1954 [CM20046,20047]

Ringicula musashinoensis: Yokoyama, 1920 [CM20046-20051], Yokoyama, 1922a [CM20766-20770], Yokoyama, 1926g [CM23315,23316], Yokoyama, 1926i [CM 27137], Yokoyama, 1926j [CM27180], Yokoyama, 1927a [CM23628-23632], Yokoyama, 1927b [CM24196-24201], Yokoyama, 1927c [CM24770-24772], Yokoyama, 1928a [CM25013,25014]

Ringicula ninohensis: Otuka, 1934 [CM12102]

Ringicula (Ringiculella) aff. *yokoyamai*: Otuka, 1935b [CM12466,13015]

Ringicula (Ringiculella) doliaris: Otuka, 1935b [CM12464,12645]

Ringicula (Ringiculella) ninohensis: Otuka, 1933 [CM12102,12869-12879]

Ringicula sp.: Yokoyama, 1925b [CM22457]

Rissoa (Alvania) akibai: Yokoyama, 1926f [CM23136,23137]

Rissoa (Alvania) concinna: Yokoyama, 1924a [CM21858]

Rissoa (Alvania) lusoria: Yokoyama, 1926f [CM23131]

Rissoa (Alvania) maya: Yokoyama, 1926f [CM23134,23135]

Rissoa (Alvania) sitta: Yokoyama, 1926f [CM23130,23132,23133]

Rissoa (Amphithalamus) edogawensis: Yokoyama, 1927b [CM24293]

Rissoa (Apicularia) asura: Yokoyama, 1926f [CM23130]

Rissoa (Apicularia?) asura: Yokoyama, 1926f [CM23129]

Rissoa (Apicularia) sadoensis: Yokoyama, 1926f [CM23127,23128]

Rissoa asura: Yokoyama, 1928b [CM25324]

Rissoa (Cingula) dharma: Yokoyama, 1926f [CM23138]

Rissoa (Cingula) ichikawensis: Yokoyama, 1927b [CM24291,24292]

Rissoa (Cingula) mundana: Yokoyama, 1926f [CM23139,23140]

Rissoa (Cingula) paludinoides: Yokoyama, 1927a [CM23765-23767], Yokoyama, 1927b [CM24290]

Rissoa (Cingula) plebeja: Yokoyama, 1922a [CM20973,20974]

Rissoa (Fenella) cfr. *cerithina*: Tokunaga, 1906 [CM13492]

Rissoa laba plebeja: Taki and Oyama, 1954 [CM20973], Oyama, 1973 [CM20973]

Rissoa meridionalis: Tokunaga, 1906 [CM13494]

Rissoa sadoensis: Yokoyama, 1928b [CM25323]

Rissoa septentrionalis: Tokunaga, 1906 [CM13493,13803]

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"Rissoa" (?) sp.: Otuka, 1932 [CM10665]

Rissoa subcylindrica: Tokunaga, 1906 [CM13495]

Rissoa yendoi: Yokoyama, 1927a [CM23768]

Rissoina fortunata: Yokoyama, 1926f [CM23142], Makiyama, 1958 [CM23142]

Rissoina (Moerchiella) japonica: Makiyama, 1958 [CM23145]

Rissoina (Moerchiella) manzakiana: Yokoyama, 1922a [CM20975,20976]

Rissoina (Morchiella) sawanensis: Yokoyama, 1926f [CM23147,23148]

Rissoina (?) pagodula: Yokoyama, 1927a [CM23769]

Rissoina (Phosinella) cancellata: Yokoyama, 1924a [CM21860,21861]

Rissoina (Phosinella) media: Otuka, 1935b [CM12351]

Rissoina (Phosinella) media awana: Taki and Oyama, 1954 [CM21860]

Rissoina (Phosinella) pura: Oyama, 1973 [CM21860]

Rissoina (Rissoina) laevicostulata: Otuka, 1935b [CM12352-12355], Oyama, 1973 [CM20207]

Rissoina (Rissoina) submerculialis: Taki and Oyama, 1954 [CM20207]

Rissoina (Rissoinella) zeltenerioides: Taki and Oyama, 1954 [CM20208], Oyama, 1973 [CM20208]

Rissoina submerculialis: Yokoyama, 1920 [CM20207], Yokoyama, 1924a [CM 21859,22016], Yokoyama, 1926f [CM23141]

Rissoina tabatai: Yokoyama, 1926f [CM23143,23144], Makiyama, 1958 [CM23143]

Rissoina (Zebina?) occulta: Yokoyama, 1926f [CM23145,23146]

Rissoina zeltenerioides: Yokoyama, 1920 [CM20208]

Riuguhdrillia [engonia subsp.*?] mediocarinata*: Oyama, 1973 [CM20066]

Riuguhdrillia mediocarinata: Taki and Oyama, 1954 [CM20066], Okutani, 1968 [CM15400]

Rotella costata var. *superbus*: Tokunaga, 1906 [CM13496,13497]

Rubellatoma longispira: Oyama, 1973 [CM20810]

Scala (Acrila) ojiensis: Yokoyama, 1927a [CM23798,23799]

Scala amoena: Yokoyama, 1923d [CM24625-24629]

Scala aurita: Yokoyama, 1927a [CM23793]

Scala azumana: Yokoyama, 1926f [CM23153], Yokoyama, 1927a [CM23794]

Scala conjuncta: Yokoyama, 1927b [CM24315]

Scala densicostata: Yokoyama, 1927b [CM24316]

Scala lyra: Yokoyama, 1927a [CM23794]

Scala maculosa: Yokoyama, 1927d [CM24978]

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Scala ojiensis: Yokoyama, 1927c [CM24855]

Scala picturata: Yokoyama, 1927b [CM24314]

Scala pulcherrima: Yokoyama, 1927a [CM23795]

Scala replicata: Yokoyama, 1927a [CM23797]

Scalaria (Acrilla) densicostata: Yokoyama, 1920 [CM20238a,20238b]

Scalaria acuminata: Tokunaga, 1906 [CM13466]

Scalaria aurita: Yokoyama, 1922a [CM21002-21004]

Scalaria azumana: Yokoyama, 1922a [CM21007-21010]

Scalaria conjuncta: Yokoyama, 1922a [CM21014,21015]

Scalaria immaculata: Tokunaga, 1906 [CM13463]

Scalaria kazusensis: Yokoyama, 1922a [CM21011,21012]

Scalaria lamellosa: Tokunaga, 1906 [CM13464,13465]

Scalaria maculosa: Yokoyama, 1922a [CM21005,21006,21665]

Scalaria picturata: Yokoyama, 1922a [CM21017]

Scalaria subfrondicula: Yokoyama, 1922a [CM21016]

Scalaria turriculoides: Yokoyama, 1920 [CM20237]

Scalaria yamakawai: Yokoyama, 1922a [CM21013]

Scala rissoinaeformis: Yokoyama, 1927a [CM23800,23801]

Scaliola bella: Otuka, 1935b [CM12372-12374]

Scissurella (Scissurella) staminea: Taki and Oyama, 1954 [CM21891]

Scissurella staminea: Oyama, 1973 [CM21891]

Scissurella turbinata: Yokoyama, 1924a [CM21891,21892]

Searlesia decessor: Yokoyama, 1928b [CM25312,25313], Makiyama, 1959 [CM 25312]

Searlesia fuscolabiata: Taki and Oyama, 1954 [CM20853], Oyama, 1973 [CM 20853]

Searlesia japonica: Yokoyama, 1926f [CM23117], Yokoyama, 1927c [CM24848-24830], Yokoyama, 1932a [CM26004], Makiyama, 1958 [CM23117]

Seila crassicincta: Makiyama, 1958 [CM23123]

Seila yokoyamai: Taki and Oyama, 1954 [CM20957], Oyama, 1973 [CM20957]

Semicassis japonica: Makiyama, 1957 [CM22144]

Semisulcospira fiscina: Suzuki, 1941b [CM15201,26051-26053], Oyama, Mizuno and Sakamoto, 1960 [CM26051-26053]

Semisulcospira fiscina yokoyamai: Oyama, Mizuno and Sakamoto, 1960 [CM15201]

Semisulcospira libertina forma *hidachiensis*: Taki and Oyama, 1973 [CM20966]

Cenozoic Gastropoda (continued)

Semisulcospira libertina hidachiensis: Oyama, 1973 [CM20966]

Sericominolia planorboides: Taki and Oyama, 1954 [CM20964]

Serpuloides imbricata: Taki and Oyama, 1954 [CM20964]

Serpulorbis imbricatus: Oyama, 1973 [CM20964]

Serpulorbis medusae: Taki and Oyama, 1954 [CM20193], Oyama, 1973 [CM20193]

Serpulorbis shinanoensis: Makiyama, 1958 [CM22551]

Sigaretus (Eunaticina) oblongus: Yokoyama, 1922a [CM21000,21001,21729], Yokoyama, 1927c [CM24854]

Sigaretus (Eunaticina) papilla: Yokoyama, 1922a [CM20995-20999], Yokoyama, 1923b [CM21774], Yokoyama, 1925a [CM22169], Yokoyama, 1926g [CM23421], Yokoyama, 1927b [CM24312,24313], Yokoyama, 1929a [CM25542]

Sigatetus festivus: Yokoyama, 1925c [CM22564], Yokoyama, 1926b [CM22782]

Sigaretus ineptus: Yokoyama, 1923d [CM24624]

Sigaretus oblongus: Yokoyama, 1931a [CM25822]

Sigaretus papilla: Yokoyama, 1927a [CM23790-23792], Yokoyama, 1928b [CM25334]

Siliquaria cumingii: Otuka, 1935b [CM12363]

Sinum (Eunaticina) papillum: Otuka, 1935b [CM12420]

Sinum ineptum: Makiyama, 1957 [CM24624]

Sinum neritoideum: Yokoyama, 1932a [CM26085,26086]

Sinum yabei: Otuka, 1934 [CM12079,12080,12082,12995,12996], Otuka, 1937a [CM25542], Iwasaki, 1970 [CM9300]

Sinusicola filiola: Taki and Oyama, 1954 [CM24336], Oyama, 1973 [CM24336]

Sinusicola yendoi: Taki and Oyama, 1954 [CM23768]

Siogamaia clandestina: Makiyama, 1958 [CM23424,23425]

"Sipho" nipponicus: Taki and Oyama, 1954 [CM20869]

Sipho obesiformis: Yokoyama, 1920 [CM20120,20121], Yokoyama, 1922a [CM 20870], Yokoyama, 1927a [CM23690]

Sipho (Parasipho) nipponicus: Yokoyama, 1922a [CM20869]

Siphonacmea angustitesta: Makiyama, 1958 [CM23194]

Siphonacmea oblongata: Makiyama, 1958 [CM23192]

Siphonalia cassidaraeformis: Tokunaga, 1906 [CM13414], Yokoyama, 1926c [CM 22845,22846], Yokoyama, 1926j [CM27187], Yokoyama, 1927c [CM24813,24814], Yokoyama, 1928a [CM25107-25109]

Siphonalia cassidariaeformis: Yokoyama, 1923b [CM21752-21755], Yokoyama, 1926g [CM23373-23377], Yokoyama, 1926i [CM27138], Yokoyama, 1927a [CM 23691], Oyama, 1973 [CM20873]

Siphonalia cassidariaeformis ornata: Otuka, 1932 [CM10667]

Cenozoic Gastropoda (continued)

Siphonalia cf. *spadicea*: Iwasaki, 1970 [CM9360,9361]

Siphonalia declivis: Yokoyama, 1926g [CM23378,23399-23401], Yokoyama, 1928b [CM25298], Makiyama, 1957 [CM21752-21754], Makiyama, 1958 [CM23378, 23399,23400], Makiyama, 1959 [CM25110]

Siphonalia dilatata: Yokoyama, 1920 [CM20122,20714]

Siphonalia fuscolineata: Yokoyama, 1920 [CM20131]

Siphonalia fusoides: Yokoyama, 1928a [CM25110,25111], Taki and Oyama, 1954 [CM20130,20871-20874], Oyama, 1973 [CM20130,20132,20871,20872,20874]

Siphonalia kellettii: Yokoyama, 1922a [CM20880]

Siphonalia mikado: Oyama, 1973 [CM20123]

Siphonalia modificata: Taki and Oyama, 1954 [CM20126,20132], Oyama, 1973 [CM2o126]

Siphonalia sp.: Otuka, 1935b [CM12435]

Siphonalia sp.: Yokoyama, 1932a [CM25999]

Siphonalia spadicea: Yokoyama, 1920 [CM20123-20129], Yokoyama, 1922a [CM 20870], Yokoyama, 1923c [CM24547,26365], Yokoyama, 1927a [CM23695], Yokoyama, 1927b [CM24219], Taki and Oyama, 1954 [CM20123-20125,20131,20133], Oyama, 1973 [CM20124,20125,20131]

Siphonalia stearnsii: Yokoyama, 1920 [CM20132,20133], Yokoyama, 1926j [CM 27188], Yokoyama, 1927c [CM24816], Otuka, 1932 [CM10668]

Siphonalia trochulus: Yokoyama, 1920 [CM20130], Yokoyama, 1922a [CM20871-20879], Yokoyama, 1927a [CM23692-23694], Yokoyama, 1927b [CM24220], Yokoyama, 1927c [CM24815]

Siphonalia trochulus tokaiensis: Oyama, 1973 [CM20133]

Siphonochelus japonicus: Oyama, 1973 [CM20921]

Siphonochelus (Siphonochelus) japonicus: Taki and Oyama, 1954 [CM20921]

Skenea nipponica: Yokoyama, 1920 [CM20211,20212], Yokoyama, 1922a [CM20980], Yokoyama, 1927a [CM23777-23779], Yokoyama, 1927c [CM24845]

Skenea nipponica?: Otuka, 1935b [CM12338,12651]

Skenea planorboides: Yokoyama, 1922a [CM20981], Yokoyama, 1928a [CM25145], Yokoyama, 1928b [CM25325]

Solariella aff. *angulata*: Otuka, 1935b [CM12335]

Solariella angulata: Yokoyama, 1922a [CM21111,21112], Yokoyama, 1927a [CM 23878,23879], Yokoyama, 1928b [CM25337], Otuka, 1932 [CM10669]

Solariella nipponensis: Yokoyama, 1926f [CM23126,27101-27113]

Solariella philippensis: Yokoyama, 1922a [CM21107-21110], Yokoyama, 1927a [CM23880], Yokoyama, 1927c [CM24870]

Solariella pseudobscura: Yokoyama, 1927c [CM24871]

Solariella sakya: Yokoyama, 1931b [CM25957]

Cenozoic Gastropoda (continued)

Solariella sp.: Taki and Oyama, 1954 [CM20278]

Solarium lenticulatum: Yokoyama, 1920 [CM20205,20206]

Solarium (Philippia) cingulum: Yokoyama, 1922a [CM20968,20969], Yokoyama, 1926g [CM23412]

Solarium (Philippia) pseudoperspectivum: Yokoyama, 1922a [CM20970,20971]

Solarium sp.: Yokoyama, 1925a [CM22157]

Solidula clathrata: Yokoyama, 1922a [CM20731,20732], Oyama, 1973 [CM20731]

Solidula (Strigopupa) strigosa: Oyama, 1973 [CM20728]

Solidula strigosa: Yokoyama, 1922a [CM20728-20730], Yokoyama, 1926g [CM 23313], Yokoyama, 1927b [CM24182], Yokoyama, 1928a [CM25007-25009], Otuka, 1935b [CM12467,13016]

Spirotropis subdeclivis: Makiyama, 1958 [CM23333,23533]

Spirotropis (Typhlomangelia) kazusensis: Otuka, 1949 [CM13299,13300]

Spirotropis (Typhlomangelia) kazusensis inflatus: Otuka, 1949 [CM13302-13308]

Starkeyna sobrina: Taki and Oyama, 1954 [CM20211,20980]

Stenothyra edogawensis: Taki and Oyama, 1954 [CM24293], Oyama, 1973 [CM 24293]

Stomatella japonica: Yokoyama, 1925a [CM22173], Makiyama, 1957 [CM22173]

Stomatella lyrata: Yokoyama, 1922a [CM21129,21130], Yokoyama, 1924a [CM 21890], Taki and Oyama, 1973 [CM21129]

Strioterebrum (Cinguloterebra) hedleyanum: Oyama, 1973 [CM20774]

Strioterebrum (Cinguloterebra) hedleyanum quadriaratum: Oyama, 1973 [CM 20781]

Strioterebrum (Cinguloterebra) naumanni: Oyama, 1973 [CM20055]

Strioterebrum (Strioterebrum) subtextile: Oyama, 1973 [CM23636]

Strombiformis (Leiostraca) shibana: Otuka, 1935b [CM12395]

Strombus japonicus: Yokoyama, 1922a [CM20948], Yokoyama, 1927b [CM24263]

Strombus (Labiostrombus) japonicus: Otuka, 1935b [CM12412,12415,12416]

Strombus mimasakensis: Yokoyama, 1929a [CM25527], Makiyama, 1959 [CM25527]

Suavodrillia declivis: Taki and Oyama, 1954 [CM20790], Oyama, 1973 [CM25527]

Suavodrillia makiyamai: Otuka, 1934 [CM12105]

Suavodrillia oyamai: Chinzei, 1959 [CM8537-8539]

Subemarginula cratitioides: Yokoyama, 1924a [CM21895,21896]

Suchium costatum: Oyama, 1973 [CM20286]

Suchium costatum(?): Oyama, 1973 [CM23877]

Cenozoic Gastropoda (continued)

Suchium giganteum: Oyama, 1973 [CM20285]

Suchium jyoganjiense: Fujii, 1963 [CM8786-8792]

Sugaretus (Eunaticina) papilla: Yokoyama, 1923d [CM24623]

Sunusicola yendoi: Oyama, 1973 [CM23768]

Surculites kurodai: Otuka, 1934 [CM12083,12084]

Surculites kurodai?: Otuka, 1934 [CM12998]

Surculites (Megasurcula) cryptoconoides: Iwasaki, 1970 [CM9396]

Surculites yokoyamai: Otuka, 1934 [CM12997]

Syphopatella walshi: Oyama, 1973 [CM20214,20215]

Syphopatella walshi (forma *orbella*): Taki and Oyama, 1954 [CM20214,20215]

Syrnola cinctella?: Otuka, 1935b [CM12413]

Syrnola (Colsyrnola?) kurumana: Oyama, 1973 [CM23862]

Syrnola (Colsyrnola) toshimana: Oyama, 1973 [CM23816]

Syrnola (Hoonsyrnola) inturbida: Taki and Oyama, 1954 [CM23818], Oyama, 1973 [CM23818]

Syrnola (Iphiana) mira: Taki and Oyama, 1954 [CM21038], Oyama, 1973 [CM 21038]

Syrnola (Iphiana) siva: Taki and Oyama, 1954 [CM21040], Oyama, 1973 [CM21040]

Syrnola (Syrnola) cinnamomea: Taki and Oyama, 1954 [CM21037]

Syrnola (Syrnola?) cinnamomea: Oyama, 1973 [CM21037]

Syrnola (Syrnola) kurumana: Taki and Oyama, 1954 [CM23862]

Syrnola (Syrnola) toshimana: Taki and Oyama, 1954 [CM23816]

Tachyrhynchus? sp.: Yokoyama, 1935b [CM12358]

Tachyrhynchus tuberculosus: Makiyama, 1959 [CM24840]

Tachyrhynchus venustellus: Otuka, 1935b [CM12357], Otuka, 1936a [CM12781, 12795], Makiyama, 1959 [CM24837]

Tachyrhynchus yanamii: Makiyama, 1958 [CM23161]

Tallorbis ornatissima: Makiyama, 1958 [CM23551,23552]

Tectonatica tugaruana: Chinzei, 1973 [CM8088,8109]

Tectura asmiiformis: Makiyama, 1958 [CM23189]

Tectura pallida: Makiyama, 1957 [CM22177]

Tectus (Rochia) japonicus: Kobayashi and Horikoshi, 1958 [CM4691]

Tegula (Chlorostoma) pfeifferi: Taki and Oyama, 1954 [CM20267], Oyama, 1973 [CM20267]

Tegula (Chlorostoma) rustica: Otuka, 1935b [CM12336], Oyama, 1973 [CM20268]

Cenozoic Gastropoda (continued)

Tegula (Chlorostoma) tokunagai: Taki and Oyama, 1954 [CM20268]

Tegula rustica: Makiyama, 1958 [CM23549]

Tegula yokoyamai: Makiyama, 1959 [CM25956]

Terebra alveolata: Tokunaga, 1906 [CM13436]

Terebra asukensis: Yokoyama, 1926g [CM23325], Yokoyama, 1928a [CM25018], Makiyama, 1958 [CM23325]

Terebra bipartita: Tokunaga, 1906 [CM13434,13435]

Terebra cfr. *serotina*: Tokunaga, 1906 [CM13439]

Terebra cfr. *subtextilis*: Yokoyama, 1926g [CM23324], Makiyama, 1958 [CM 23324]

Terebra chibana: Yokoyama, 1922a [CM20777-20779]

Terebra dainichiana: Yokoyama, 1926g [CM23326-23328,24754-24757]

Terebra edoensis: Yokoyama, 1927a [CM23639,23640], Yokoyama, 1927b [CM24202]

Terebra eminula: Yokoyama, 1925d [CM22664], Makiyama, 1958 [CM22664]

Terebra gotoensis: Yokoyama, 1922a [CM20773]

Terebra (Hastula) dainichiana: Makiyama, 1958 [CM23326,23327]

Terebra hedleyi: Yokoyama, 1922a [CM20774,20775], Yokoyama, 1927a [CM23635]

Terebra latisulcata: Yokoyama, 1922a [CM20782,20783]

Terebra lischkeana: Yokoyama, 1920 [CM20052], Yokoyama, 1922a [CM20771, 20772], Yokoyama, 1923b [CM21730], Yokoyama, 1926g [CM23317], Yokoyama, 1926j [CM27181], Yokoyama, 1927a [CM23633,23634], Yokoyama, 1927c [CM 24773]

Terebra naumanni: Yokoyama, 1920 [CM20054,20055], Yokoyama, 1926h [CM27119], Yokoyama, 1927a [CM23638], Yokoyama, 1927c [CM24777]

Terebra ozawai: Yokoyama, 1926g [CM23329,23330], Makiyama, 1958 [CM23329]

Terebra pereoa: Otuka, 1937b [CM13135]

Terebra pretiosa: Tokunaga, 1906 [CM13437]

Terebra (Punctoterebra) lischkeana: Otuka, 1935b [CM12463]

Terebra (Punctoterebra) orthocostulata: Otuka, 1937b [CM13134]

Terebra quadriarata: Yokoyama, 1922a [CM20781]

Terebra recticostata: Yokoyama, 1920 [CM20053], Yokoyama, 1922a [CM20776], Yokoyama, 1926g [CM23318], Yokoyama, 1927c [CM24774-24776], Yokoyama, 1928a [CM25016,25017]

Terebra serotina: Yokoyama, 1928a [CM25015], Makiyama, 1959 [CM25015]

Terebra smithi: Yokoyama, 1922a [CM20780], Yokoyama, 1926g [CM23319]

Terebra sp.: Yokoyama, 1925a [CM22112]

Terebra suavidica: Yokoyama, 1922a [CM20784,20785]

Cenozoic Gastropoda (continued)

Terebra subtextilis: Tokunaga, 1906 [CM13438]

Terebra textilis: Yokoyama, 1927a [CM23636,23637]

Terebra tokunagai: Yokoyama, 1920 [CM20056]

Terebra triseriata: Yokoyama, 1926g [CM23320,23321], Makiyama, 1958 [CM 23320]

Terebra tsuboiana: Yokoyama, 1922a [CM20786-20788], Yokoyama, 1923b [CM 21731], Yokoyama, 1926g [CM23322,23323], Yokoyama, 1928b [CM25267]

Thais (Mancinella) bronni: Otuka, 1935b [CM12425-12427]

Thais (Reishia) bronni: Oyama, 1973 [CM20168]

Thais (Reishia) clavigera: Oyama, 1973 [CM20170]

Thatcheria gradata: Yokoyama, 1930b [CM25021,25022]

Thatcheria mirabilis: Makiyama, 1959 [CM25021,25022]

Thericium kobelti: Taki and Oyama, 1954 [CM20184], Oyama, 1973 [CM20184]

Thiara fiscina: Yokoyama, 1932a [CM26051-26071]

Thylacodes medusae: Yokoyama, 1920 [CM20193-20195], Yokoyama, 1922a [CM 20964], Yokoyama, 1924a [CM21846,22014], Yokoyama, 1926j [CM27192], Yokoyama, 1927b [CM24284]

Thylacodes nodoso-rugosus: Yokoyama, 1924a [21847,21848]

Tiberia fasciata: Taki and Oyama, 1954 [CM23813]

Tiberia (Orinella) ebarana: Oyama, 1973 [CM23813]

Tiberia (Orinella) pseudopulchella: Oyama, 1973 [CM20241]

Tiberia (Orinella) pulchella: Oyama, 1973 [CM21027]

Tiberia pseudopulchella: Taki and Oyama, 1954 [CM20241]

Tiberia pulchella: Taki and Oyama, 1954 [CM21027]

Tomopleura quantoana: Taki and Oyama, 1954 [CM20073], Oyama, 1973 [CM20073]

Tonna luteostoma: Otuka, 1932 [CM10670], Taki and Oyama, 1954 [CM20179, 20940], Oyama, 1973 [CM20179,20940]

Torinia elegantula: Yokoyama, 1922a [CM20972]

Torinista elegantula: Taki and Oyama, 1954 [CM20972], Oyama, 1973 [CM20972]

Tornatella gigantea: Tokunaga, 1906 [CM13510,13511]

Tornatina dulcis: Yokoyama, 1927b [CM24188]

Tornatina exilis: Tokunaga, 1906 [CM13508,13509], Yokoyama, 1922a [CM20736 -20739], Yokoyama, 1927a [CM23604-23606], Yokoyama, 1927b [CM24183,24184]

Tornatina fontinalis: Yokoyama, 1927a [CM23608]

Tornatina koyasensis: Yokoyama, 1927b [CM24187]

Tornatina longispirata: Yokoyama, 1922a [CM20740-20742], Yokoyama, 1926f

Cenozoic Gastropoda (continued)

[CM23071], Yokoyama, 1927a [CM23609], Yokoyama, 1927b [CM24186], Yokoyama, 1928a [CM25010]

Tornatina simplex: Yokoyama, 1927a [CM23607], Yokoyama, 1927b [CM24185]

Tornatina yamakawai: Yokoyama, 1926f [CM23072]

Trichotropis (Iphinoe) unicarinata: Taki and Oyama, 1954 [CM20962], Oyama, 1973 [CM20962]

Trichotropis planicostata: Yokoyama, 1920 [CM20192]

Trichotropis (Trichosirius) planicostata: Taki and Oyama, 1954 [CM20192], Oyama, 1973 [CM20192]

Trichotropis unicarinata: Tokunaga, 1906 [CM13467,13468], Yokoyama, 1922a [CM20962,20963], Yokoyama, 1927a [CM23752,23753]

Triforis exilis: Yokoyama, 1924a [CM21844,21845]

Triforis multigyrata: Yokoyama, 1922a [CM20961]

Triforis otsuensis: Yokoyama, 1920 [CM20191], Yokoyama, 1922a [CM20959, 20960], Yokoyama, 1924a [CM21843], Yokoyama, 1926f [CM23125]

Trigonostoma kurodai: Makiyama, 1957 [CM21738], Makiyama, 1958 [CM23351]

Trigonostoma (Scalpta) limatum: Makiyama, 1959 [CM25063]

Triphora aff. *purpurata*: Otuka, 1935b [CM12390-12392]

Triphora conspersa: Oyama, 1973 [CM20959,21844]

Triphora (Inella) tricincta: Otuka, 1935b [CM12388,12389,12656]

Triphora multigyrata: Taki and Oyama, 1954 [CM20961], Oyama, 1973 [CM20961]

Triphora otsuensis: Taki and Oyama, 1954 [CM20191], Oyama, 1973 [CM20191]

Triphora sematensis: Taki and Oyama, 1954 [CM20959]

Triphora sp.: Taki and Oyama, 1954 [CM21844]

Tritia (Reticunassa) japonica var.: Oyama, 1973 [CM20137]

Tritia (Tritonella) fuscolineata: Oyama, 1973 [CM20897]

Tritia (Tritonella) hiradoensis var.: Taki and Oyama, 1954 [CM20897]

Tritia (Tritonella) japonica: Taki and Oyama, 1954 [CM20137]

Tritia (Tritonella) luteola var.: Taki and Oyama, 1954 [CM20139]

Tritia (Tritonella) sp.: Oyama, 1973 [CM20139]

Triton costatus: Yokoyama, 1911c [CM22012]

Triton (Epidromus) obscurus: Yokoyama, 1924a [CM21825,21826]

Triton nodiferus: Yokoyama, 1927a [CM23735]

Triton obscurus: Yokoyama, 1911c [CM22010]

Triton (Priene) oregonensis: Yokoyama, 1920 [CM20171-20175], Yokoyama, 1925b [CM22462,22463]

Cenozoic Gastropoda (continued)

Triton saulie: Tokunaga, 1906 [CM13406]

Triton (Simpulum) costatus: Yokoyama, 1924a [CM21823,21824]

Triton? sp.: Yokoyama, 1930a [CM25561]

Triton subpyrum: Yokoyama, 1920 [CM20176-20178]

Triton tenuiliratus: Yokoyama, 1922a [CM20934,20935], Yokoyama, 1926g [CM 23396], Yokoyama, 1927a [CM23736]

Tritonalia falcata: Otuka, 1932 [CM10671]

Tritonalia (Ocinebrellus) adunca: Otuka, 1936a [CM12783,12784,13041]

Tritonalia sp.: Otuka, 1934 [CM12087]

Trivia sp.: Otuka, 1938b [CM12711]

Trivirostra edgari: Taki and Oyama, 1954 [CM23741], Oyama, 1973 [CM23741]

Trochus amussitatus: Tokunaga, 1906 [CM13501]

Trochus argyrostomus: Tokunaga, 1906 [CM13500]

Trochus (Calliostoma) shinagawensis: Tokunaga, 1906 [CM13503,13694-13702]

Trochus (Clanculus) atropurpureus: Yokoyama, 1924a [CM21883,21884]

Trochus (Clanculus) gordonis: Yokoyama, 1924a [CM21885]

Trochus (Enida) japonicus: Tokunaga, 1906 [CM13502]

Trochus imperialis: Tokunaga, 1906 [CM13499]

Trochus (Minolia) angulatus: Tokunaga, 1906 [CM13504]

Trochus sp.: Otuka, 1943a [CM13213]

Trochus sp.: Yokoyama, 1925d [CM22683,22684], Makiyama, 1958 [CM22683]

Trochus sp.: Yokoyama, 1926d [CM22952]

Trochus spinigera: Yokoyama, 1922a [CM21104]

Trophon acharya: Yokoyama, 1926f [CM23116,27100], Yokoyama, 1928b [CM25304]

Trophon (Austrotrophon) candelabrum: Taki and Oyama, 1954 [CM20156,20918, 24532,24533]

Trophon (Austrotrophon) xestra nipponicus: Taki and Oyama, 1954 [CM20158, 20159]

Trophon (Bathymurex) echinus: Taki and Oyama, 1954 [CM20163,24534-24538]

Trophon (Bedeva) birileffi: Otuka, 1935b [CM12424,12643,12644]

Trophon (Boreotrophon) candelabrum: Oyama, 1973 [CM20156,20918,24532,24533]

Trophon (Boreotrophon) xestra nipponicus: Oyama, 1973 [CM20158,20159]

Trophon exiguus: Tokunaga, 1906 [CM13402]

Trophon felix: Yokoyama, 1927e [CM26316a,26323,26324]

Trophon inermis: Yokoyama, 1920 [CM20163-20167,24534-24538]

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Trophon makiyamai: Yokoyama, 1928b [CM25306-25311]

Trophon muricatoides: Yokoyama, 1920 [CM20162]

"Trophon" nakamurai: Otuka, 1934 [CM12086,12088,12999,13000]

Trophon nipponicus: Yokoyama, 1920 [CM20158-20161], Yokoyama, 1926f [CM 23112,23113], Yokoyama, 1927c [CM24827], Yokoyama, 1931b [CM25895]

Trophon (Nipponotrophon) echinus: Oyama, 1973 [CM20163,24534-24538]

Trophonopsis acharya: Makiyama, 1958 [CM23116]

Trophonopsis aff. *beringi*: Chinzei, 1959 [CM8529]

Trophonopsis (Boreotrophon) echinus: Otuka, 1949 [CM13276]

Trophonopsis (Boreotrophon) felix: Makiyama, 1959 [CM26316a,26323]

Trophonopsis (Boreotrophon) makiyamai: Makiyama, 1959 [CM25307]

Trophonopsis (Boreotrophon) solitarius: Makiyama, 1958 [CM22547,22548]

Trophonopsis (Boreotrophon) xestra nipponicus: Otuka, 1949 [CM13275]

Trophonopsis soyoae minimus: Okutani, 1968 [CM15408]

Trophonopsis sp.: Chinzei, 1959 [CM8530]

Trophonopsis uyemurai: Makiyama, 1958 [CM23016]

Trophon pachyrhaphe: Yokoyama, 1922a [CM20917]

Trophon solitarius: Yokoyama, 1925c [CM22547,22548], Yokoyama, 1928b [CM 25305]

Trophon subclavatus: Yokoyama, 1920 [CM20156,20157,24532,24533], Yokoyama, 1922a [CM20918-20920], Yokoyama, 1926f [CM23111], Yokoyama, 1927a [CM 23728], Yokoyama, 1927c [CM24825,24826]

Trophon suborpheus: Yokoyama, 1926f [CM23114,23115]

Truncaria nakamurai: Otuka, 1934 [CM12085]

Tugali vadososinuata: Taki and Oyama, 1954 [CM20295,21135], Oyama, 1973 [CM20295,21135]

Tugurium exutum: Makiyama, 1959 [CM24846]

Turbo (Batillus) cornutus: Yokoyama, 1924a [CM21879], Yokoyama, 1925a [CM 22170], Yokoyama, 1925d [CM22678,22679], Taki and Oyama, 1954 [CM21879], Oyama, 1973 [CM21879]

Turbo "crassilirata": Oyama, 1973 [CM21102]

Turbo granulatus: Tokunaga, 1906 [CM13498]

Turbo (Lunella) coronatus coreensis: Otuka, 1935b [CM12340-12342], Taki and Oyama, 1954 [CM20252a,20252b,21095]

Turbo (Lunella) ozawai: Otuka, 1938c [CM12744,12765]

Turbo (Marmarostoma) cf. *ticaonica*: Kobayashi and Horikoshi, 1958 [CM4692]

Turbo (Marmorostoma) coreensis: Yokoyama, 1920 [CM20252a,20252b,20253]

Cenozoic Gastropoda (continued)

Turbo (Marmorostoma) granulatus: Yokoyama, 1922a [CM21095], Yokoyama, 1924a [CM21880,22018], Yokoyama, 1927a [CM23868], Yokoyama, 1927b [CM24337], Yokoyama, 1931b [CM25955]

Turbo mekamiensis: Nishiwada, 1894 [CM15259], Nishiwada, 1895 [CM15259]

Turbonilla aff. *elegantissima*: Tokunaga, 1906 [CM13471,13472]

Turbonilla aff. *imbana*: Otuka, 1935b [CM12404a,12404b]

Turbonilla (Asmunda) affectuosa: Taki and Oyama, 1954 [CM23836], Oyama, 1973 [CM23836]

Turbonilla (Careliopsis?) angulifera: Yokoyama, 1922a [CM21093,21094]

Turbonilla (Careliopsis) filiola: Yokoyama, 1927b [CM24336]

Turbonilla (Careliopsis) obscura: Yokoyama, 1927a [CM23859,23860]

Turbonilla (Careliopsis?) obscura: Yokoyama, 1922a [CM21092]

Turbonilla (Chemnitzia) dunkeri: Yokoyama, 1927a [CM23848,23849]

Turbonilla (Chemnitzia) edoensis: Yokoyama, 1927a [CM23853]

Turbonilla (Chemnitzia) fusoensis: Yokoyama, 1926f [CM23159], Makiyama, 1958 [CM23159]

Turbonilla (Chemnitzia) humilis: Oyama, 1973 [CM21877]

Turbonilla (Chemnitzia) imbana: Yokoyama, 1922a [CM21666,21667], Yokoyama, 1927a [CM23847]

Turbonilla (Chemnitzia) infantula: Yokoyama, 1927c [CM24861]

Turbonilla (Chemnitzia) keiskeana: Yokoyama, 1927a [CM23852], Oyama, 1973 [CM23852]

Turbonilla (Chemnitzia) kidoensis: Yokoyama, 1922a [CM21081], Oyama, 1973 [CM21081]

Turbonilla (Chemnitzia) multigyrata: Yokoyama, 1927a [CM23850,23851], Oyama, 1973 [CM23850]

Turbonilla (Chemnitzia) pseudocura: Oyama, 1973 [CM23848]

Turbonilla (Chemnitzia) sematana: Yokoyama, 1922a [CM21084,21085], Oyama, 1973 [CM21084]

Turbonilla (Chemnitzia) subapproximata: Yokoyama, 1920 [CM20250], Oyama, 1973 [CM20250]

Turbonilla (Chemnitzia) teganumana: Yokoyama, 1922a [CM21082,21083], Yokoyama, 1927c [CM24862,24863]

Turbonilla (Cingulina) adamsi: Yokoyama, 1920 [CM20248,20249]

Turbonilla (Cingulina) cingulata: Yokoyama, 1927b [CM24331,24332]

Turbonilla (Cingulina) morsei: Yokoyama, 1926f [CM23164]

Turbonilla (Cingulina) pseudocingulata: Yokoyama, 1926f [CM23165]

Cenozoic Gastropoda (continued)

Turbonilla (Cingulina) triarata: Yokoyama, 1922a [CM21089-21091], Yokoyama, 1927b [CM24333]

Turbonilla (Congulina) triarata: Yokoyama, 1927a [CM23858]

Turbonilla (Dunkeria) shigeyasui: Taki and Oyama, 1954 [CM23865], Oyama, 1973 [CM23865]

Turbonilla fusca: Tokunaga, 1906 [CM13473,13474]

Turbonilla hiradokoensis: Otuka, 1935b [CM12412]

Turbonilla humilis: Yokoyama, 1924a [CM21877]

Turbonilla (Mormula) chitaniana: Yokoyama, 1926j [CM23567,23568]

Turbonilla (Mormula) paucicostulata: Yokoyama, 1922a [CM21077-21079], Yokoyama, 1926i [CM27148], Yokoyama, 1927a [CM23854], Yokoyama, 1927c [CM 24864]

Turbonilla (Mormula) scrobiculata: Yokoyama, 1927a [CM23855]

Turbonilla (Mormula?) scrobiculata: Yokoyama, 1922a [CM21080]

Turbonilla (Mormula) semicolorata: Yokoyama, 1927a [CM23857]

Turbonilla (Mormula) sp.: Otuka, 1935b [CM12411]

Turbonilla (Mormula) tokunagai: Yokoyama, 1920 [CM20251]

Turbonilla (Paramormula) paucicostulata: Taki and Oyama, 1954 [CM21077], Oyama, 1973 [CM21077]

Turbonilla (Paramormula) scrobiculata: Taki and Oyama, 1954 [CM21080], Oyama, 1973 [CM21080]

Turbonilla (Paramormula) semicolorata: Taki and Oyama, 1954 [CM23856], Oyama, 1973 [CM23856]

Turbonilla (Paramormula) tokunagai: Taki and Oyama, 1954 [CM20251], Oyama, 1973 [CM20251]

Turbonilla paucicostulata: Tokunaga, 1906 [CM13475]

Turbonilla (Pselliogyra) sagamiana: Taki and Oyama, 1954 [CM21087], Oyama, 1973 [CM21087]

Turbonilla (Ptycheulimella) inscitula: Yokoyama, 1927c [CM24865-24869], Makiyama, 1959 [CM24865,24866]

Turbonilla (Ptycheulimella?) kurumana: Yokoyama, 1927a [CM23862]

Turbonilla (Ptycheulimella) misella: Yokoyama, 1922a [CM21074,21075], Yokoyama, 1927a [CM23861], Taki and Oyama, 1954 [CM21074]

Turbonilla (Ptycheulimella?) misella: Oyama, 1973 [CM21074]

Turbonilla (Pyrgisculus) shigeyasui: Yokoyama, 1927a [CM23865,23866], Yokoyama, 1927b [CM24334,24335]

Turbonilla (Pyrgiscus) matunamiensis: Otuka, 1935b [CM12408]

Turbonilla (Pyrgiscus) sp.: Otuka, 1935b [CM12410]

Cenozoic Gastropoda (continued)

Turbonilla (Pyrgiscus) yanamii: Yokoyama, 1926f [CM23160-23162]

Turbonilla (Pyrgolampros) planicostata: Yokoyama, 1922a [CM21086], Taki and Oyama, 1954 [CM21086], Oyama, 1973 [CM21086]

Turbonilla (Pyrgolampros) subplanicostata: Yokoyama, 1927a [CM23863,23864], Taki and Oyama, 1954 [CM23863], Oyama, 1973 [CM23863]

Turbonilla sp.: Oyama, 1935b [CM12409]

Turbonilla (Strioturbonilla) nihona: Otuka, 1935b [CM12405,12406,12407a]

Turbonilla (Strioturbonilla) pacifica: Yokoyama, 1922a [CM21088], Yokoyama, 1927a [CM23158], Taki and Oyama, 1954 [CM21088], Oyama, 1973 [CM21088]

Turbonilla (Strioturbonilla) sagamiana: Yokoyama, 1922a [CM21087], Yokoyama, 1927a [CM23867]

Turbonilla (Tragula) spinulosa: Yokoyama, 1926f [CM23163], Makiyama, 1958 [CM23163]

Turbonilla triarata: Otuka, 1932 [CM10672]

Turbonilla (Turbonilla) edoensis: Taki and Oyama, 1954 [CM23853], Oyama, 1973 [CM23853]

Turbonilla (Turbonilla) humilis: Taki and Oyama, 1954 [CM21877]

Turbonilla (Turbonilla) imbana: Taki and Oyama, 1954 [CM21076], Oyama, 1973 [CM21076]

Turbonilla (Turbonilla) keiskeana: Taki and Oyama, 1954 [CM23852]

Turbonilla (Turbonilla) kidoensis: Taki and Oyama, 1954 [CM21081]

Turbonilla (Turbonilla) multigyrata: Taki and Oyama, 1954 [CM23850]

Turbonilla (Turbonilla) pseudocura: Taki and Oyama, 1954 [CM23848]

Turbonilla (Turbonilla) sematana: Taki and Oyama, 1954 [CM21084]

Turbonilla (Turbonilla) subapproximata: Taki and Oyama, 1954 [CM20250]

Turbonilla (Turbonilla) teganumana: Taki and Oyama, 1954 [CM21082], Oyama, 1973 [CM21082]

Turcica coreensis: Taki and Oyama, 1954 [CM20281,21113], Oyama, 1973 [CM 20281,21113]

Turcica imperialis: Yokoyama, 1920 [CM20281], Yokoyama, 1922a [CM21113, 21114], Yokoyama, 1927a [CM23882]

Turcicula convexiuscula: Taki and Otuka, 1943 [CM20276], Taki and Oyama, 1954 [CM20276]

Turcicula crumpii yokoyamai: Taki and Otuka, 1943 [CM20270,20271]

Turcicula crumpi yokoyamai: Taki and Oyama, 1954 [CM20270,20271]

Turricula kaderleyi: Chinzei, 1973 [CM8092]

Turricula (Orthosurcula) pervirgo: Otuka, 1959 [CM25035,25036]

Cenozoic Gastropoda (continued)

Turricula (Orthosurcula) soyomaruae takanabensis: Otuka, 1959 [CM12861, 12862,13341,13342,13344-13348]

Turricula pervirgo: Makiyama, 1959 [CM25035,25036]

Turricula sp.: Chinzei, 1973 [CM8158]

Turricula sp.: Makiyama, 1958 [CM23345]

Turritella aff. *saishuensis*: Yokoyama, 1923c [CM24551,24552]

Turritella andenensis: Otuka, 1934 [CM12985-12987]

Turritella fascialis: Otuka, 1935b [CM12359,12635]

Turritella fortilirata: Otuka, 1934 [CM12982]

Turritella fortilirata kadonosawaensis: Otuka, 1934 [CM12056-12058,12981], Otuka, 1937a [CM13059]

Turritella fortilirata motidukii: Otuka, 1935b [CM12361]

Turritella fortilirata saishuensis: Otuka, 1934 [CM12984], Otuka, 1935b [CM12360]

Turritella (Haustator) andenensis: Otuka, 1938a [CM12986]

Turritella (Haustator) fortilirata kadonosawaensis: Otuka, 1938a [CM12056]

Turritella (Haustator) karatsuensis: Mizuno, 1952 [CM15262,15263]

Turritella (Haustator) nipponica miyata: Taki and Oyama, 1954 [CM20199]

Turritella (Haustator) nipponica nipponica: Taki and Oyama, 1954 [CM20196]

Turritella (Haustator) nipponica nojimaensis: Taki and Oyama, 1954 [CM 20197,20198]

Turritella (Haustator) saishuensis: Otuka, 1936a [CM12794], Otuka, 1938a [CM13153], Otuka, 1939a [CM12839]

Turritella importuna: Yokoyama, 1924b [CM22057-22059], Makiyama, 1957 [CM 22057,22058], Oyama, Mizuno and Sakamoto, 1960 [CM22057,22058]

Turritella kiiensis: Yokoyama, 1923d [CM24607-24620], Yokoyama, 1926j [CM 27193], Yokoyama, 1926g [CM23408-23411], Yokoyama, 1928a [CM25144], Yokoyama, 1928b [CM25322], Yokoyama, 1929b [CM26890,26891], Yokoyama, 1932a [CM26015-26017], Makiyama, 1957 [CM24607,24608], Makiyama, 1959 [CM26888]

Turritella (Neohaustator) fortilirata: Chinzei, 1961 [CM8615-8619]

Turritella (Neohaustator) nipponica: Chinzei, 1959 [CM8521-8523,8587]

Turritella (Neohaustator) nipponica miyata: Oyama, 1973 [CM20199]

Turritella (Neohaustator) nipponica nipponica: Oyama, 1973 [CM20196]

Turritella (Neohaustator) nipponica nojimensis: Oyama, 1973 [CM20197,20198]

Turritella nipponica: Yokoyama, 1920 [CM20196-20204], Yokoyama, 1925a [CM 22151-22156], Yokoyama, 1925b [CM22367,22368,22465-22473], Yokoyama, 1925d [CM22672,22674,22675], Yokoyama, 1926c [CM22861-22868], Yokoyama, 1926d [CM22950], Yokoyama, 1926e [CM23019,27097], Yokoyama, 1929a [CM

Cenozoic Gastropoda (continued)

25538], Yokoyama, 1929b [CM26888,26889], Yokoyama, 1930a [CM25562], Yokoyama, 1930c [CM25652], Makiyama, 1957 [CM22151,22465,22466], Makiyama, 1959 [CM26890], Chinzei, 1973 [CM8093,8095-8099]

Turritella perterebra: Yokoyama, 1923b [CM21766-21771], Yokoyama, 1926g [CM23407], Yokoyama, 1929a [CM25539], Yokoyama, 1930a [CM25563-25565], Otuka, 1934 [CM12988], Otuka, 1938a [CM12988], Makiyama, 1957 [CM21766-21769], Makiyama, 1958 [CM23408,23409]

Turritella saishuensis: Yokoyama, 1923a [CM21685], Yokoyama, 1925c [CM22553-22555], Yokoyama, 1926b [CM22779], Yokoyama, 1926j [CM23565,23566], Yokoyama, 1927c [CM24841-24843], Yokoyama, 1928b [CM25320,25321], Makiyama, 1957 [CM21685]

Turritella saishuensis etigoensis: Makiyama, 1958 [CM23565,23566]

Turritella saishuensis motidukii: Chinzei, 1973 [CM8091,8145-8155]

Turritella sp.: Yokoyama, 1924b [CM22060,27041]

Turritella sp.: Yokoyama, 1925b [CM22369,22370], Makiyama, 1957 [CM22369]

Turritella sp.: Yokoyama, 1927e [CM26316c], Makiyama, 1959 [CM26316c]

Turritella sp.: Yokoyama, 1929b [CM26892-26894]

Turritella sp.: Yokoyama, 1931a [CM25743,25790]

Turritella sp.: Yokoyama, 1931b [CM25913-25915]

Turritella (s. str.) *sakitoensis*: Mizuno, 1952 [CM15261]

Turritella tanaguraensis: Makiyama, 1959 [CM25913], Iwasaki, 1970 [CM9279-9283]

Turritella tokunagai: Yokoyama, 1924b [CM22053-22056], Makiyama, 1957 [CM22053-22055], Oyama, Mizuno and Sakamoto, 1960 [CM22053,22054]

Turritellopsis acicula stimpsoni: Makiyama, 1958 [CM23164]

Typhis arcuatus: Yokoyama, 1922a [CM20921,20922], Yokoyama, 1928a [CM25121, 25122]

Typhomangelia kazusensis: Okutani, 1968 [CM15401,15402]

Uberella yokoyamai: Taki and Oyama, 1954 [CM20231], Oyama, 1973 [CM20231]

Umbonium akitanum: Chinzei, 1973 [CM8159,8160]

Umbonium costatum: Yokoyama, 1920 [CM20286], Yokoyama, 1922a [CM21123-21127], Yokoyama, 1924a [CM21889], Yokoyama, 1927a [CM23885-23887], Yokoyama, 1927b [CM24344-24347], Yokoyama, 1928b [CM25343,25344]

Umbonium giganteum: Yokoyama, 1920 [CM20285], Yokoyama, 1922a [CM21122], Yokoyama, 1927a [CM23888], Yokoyama, 1927b [CM24348]

Umbonium giganteum naganumanum: Otuka, 1930 [CM10712,12866-12868]

Umbonium ishiianum: Yokoyama, 1930a [CM25576-25599], Yokoyama, 1932a [CM26088,26089]

Umbonium moniliferum: Otuka, 1932 [CM10673]

Cenozoic Gastropoda (continued)

Umbonium mysticum: Yokoyama, 1923b [CM21778-21780], Yokoyama, 1926g [CM 23434-23437]

Umbonium sp.: Yokoyama, 1923d [CM24631]

Umbonium sp.: Yokoyama, 1924b [CM22066,22067]

Umbonium sp.: Yokoyama, 1929a [CM25543]

Umbonium sp.: Yokoyama, 1932a [CM26090]

Umbonium? sp.: Otuka, 1937a [CM25543]

Umbonium suchiense: Yokoyama, 1923b [CM21776,21777], Yokoyama, 1926g [CM 23428-23433], Yokoyama, 1926j [CM27248]

Umbonium (Suchium) akitanum: Otuka, 1935b [CM12337a,12337b], Otuka, 1936a [CM12793], Chinzei, 1973 [CM8090]

Umbonium (Suchium) costatum: Taki and Oyama, 1954 [CM20286,23877]

Umbonium (Suchium) giganteum: Taki and Oyama, 1954 [CM20285]

Umbonium (Suchium) mysticum: Makiyama, 1957 [CM21778,21779]

Umbonium (Suchium) suchiense: Makiyama, 1957 [CM21776]

Urosalpinx birileffi: Yokoyama, 1926g [CM23393]

Urosalpinx birileffii: Yokoyama, 1927a [CM23730]

Urosalpinx cf. *birileffi*: Yokoyama, 1923d [CM24604]

Velutina takatensis: Taki and Oyama, 1954 [CM20762]

Velutina (Velutella) takatensis: Oyama, 1973 [CM20762]

Vermetus annulatus: Yokoyama, 1924a [CM21855], Taki and Oyama, 1954 [CM 21855]

Vermetus shinanoensis: Yokoyama, 1925c [CM22551,22552]

Vermetus sp.: Yokoyama, 1932a [CM26014]

Vicarya baculum: Yokoyama, 1926c [CM22855-22859]

Vicarya callosa: Otuka, 1938c [CM12748]

Vicarya vernuilli yokoyamai: Makiyama, 1958 [CM22855-22857]

Vicaryella bacula: Makiyama, 1947 [CM22147,24606]

Vicaryella ishiiana: Makiyama, 1958 [CM22851,22852]

Vicaryella sp.: Makiyama, 1957 [CM22149]

Viviparus (Cipangopaludina) japonicus: Oyama, 1973 [CM21121]

Viviparus isikariensis: Suzuki, 1941a [CM15161]

Viviparus mabutii: Suzuki, 1941a [CM15162-15169]

Viviparus uryuensis: Yokoyama, 1932a [CM26018-26050], Suzuki, 1941b [CM 26018,26019,26046,26047], Makiyama, 1959 [CM26018-26020]

Voluta hirugayensis: Yokoyama, 1926g [CM23368]

Cenozoic Gastropoda (continued)

Voluta koyuana: Yokoyama, 1928a [CM25080,25081]

Voluta megaspira: Yokoyama, 1920 [CM20092-20099], Yokoyama, 1922a [CM20845], Yokoyama, 1925a [CM22119,22120,27089], Yokoyama, 1926d [CM22961,22967, 22968,22973,22994], Yokoyama, 1926g [CM23365-23367], Yokoyama, 1926h [CM 27123], Yokoyama, 1926j [CM27185], Yokoyama, 1928a [CM25077-25079], Yokoyama, 1928b [CM25285], Yokoyama, 1930c [CM25642], Yokoyama, 1931a [CM 25846]

Voluta megaspira var. *striata*: Yokoyama, 1925d [CM22666,22667]

Volutharpa perryi: Tokunaga, 1906 [CM13417], Yokoyama, 1920 [CM20136], Yokoyama, 1922a [CM20881-20884], Yokoyama, 1925a [CM22135-22139], Yokoyama, 1926b [CM22777], Yokoyama, 1926j [CM27190], Yokoyama, 1927a [CM 23696-23698], Yokoyama, 1929b [CM26886], Taki and Oyama, 1954 [CM20136, 20881], Oyama, 1973 [CM20136,20881]

Volutopsis hirasei: Yokoyama, 1928b [CM25294-25296], Makiyama, 1959 [CM 25294-25296]

Volvula acuminata: Yokoyama, 1920 [CM20035], Yokoyama, 1927a [CM23615, 23616], Yokoyama, 1927c [CM24765]

Volvula acutaeformis: Yokoyama, 1922a [CM20752,20753], Yokoyama, 1926f [CM23075], Yokoyama, 1927c [CM24767], Yokoyama, 1928a [CM25012]

Volvula angustata: Yokoyama, 1926f [CM23074], Yokoyama, 1927c [CM24766]

Volvula angustata var.: Yokoyama, 1922a [CM20749-20751]

Volvula artiaperta: Yokoyama, 1927a [CM23614]

Volvulella acutaeformis: Taki and Oyama, 1954 [CM20752]

Volvulella n. sp.: Taki and Oyama, 1954 [CM20749]

Volvulella radiola: Taki and Oyama, 1954 [CM20035]

Xenophora exuta: Yokoyama, 1927c [CM24846,24847]

Xenophora sp.: Otuka, 1938b [CM12712]

Yokoyamaia argentata: Taki and Oyama, 1954 [CM23626]

Yokoyamaia (CHoshiphiline) pygmaea: Oyama, 1973 [CM20760]

Yokoyamaia (Yokoyamaia) ornatissima: Oyama, 1973 [CM23626]

Zafra pumila: Taki and Oyama, 1954 [CM23726], Oyama, 1973 [CM23726]

Zafra sinensis: Taki and Oyama, 1954 [CM21814], Oyama, 1973 [CM21814]

Zebina (Moerchiella?) sawanensis: Makiyama, 1958 [CM23147]

RECENT GASTROPODA

Amaea luxus: Okutani, 1964 [RM8820]

Antiplanes sadoensis: Otuka, 1949 [RM13301]

Asthenotoma komakimonos: Otuka, 1935b [RM12455]

Recent Gastropoda (continued)

Basilissa soyoae: Okutani, 1964 [RM8813]

Benthomangelia subtrophonoidea: Okutani, 1964 [RM8840]

Boreotrophon flos: Okutani, 1964 [RM8827]

Buccinum kashimanum: Okutani, 1964 [RM8835]

Bulla vernicosta: Otuka, 1936d [RM13099]

Calliostoma kiheiziebisu: Otuka, 1939b [RM13157]

Choristes mollis: Okutani, 1964 [RM8816]

Choristes nipponica: Okutani, 1964 [RM8815]

Clinopegma hachijoensis: Okutani, 1964 [RM8833]

Conus (Darioconus) textile: Otuka, 1936d [RM13104]

Conus (Stephanoconus) lividus: Otuka, 1936d [RM13105]

Conus (Virroconus) ebraeus: Otuka, 1936d [RM13106]

Conus (Virroconus) corobatus: Otuka, 1936d [RM13107]

Conus (Virroconus) sponsalis: Otuka, 1936d [RM13108]

Cylichna incisula: Otuka, 1936b [RM13078,13079]

Cymatosyrinx hotei: Otuka, 1959 [RM13295]

Diodora elaborata: Otuka, 1937d [RM13149,13150]

Diodora sieboldii: Otuka, 1937d [RM13146-13148]

Diodora suprapunicea: Otuka, 1937d [RM13152]

Diodora yokoyamai: Otuka, 1937d [RM13151]

Funitoma delicata: Okutani, 1964 [RM8845]

Halocerus japonicus: Okutani, 1964 [RM8824]

Imaclava hosoi: Okutani, 1964 [RM8837]

Latisipho felis: Okutani, 1964 [RM8832]

Liotia vitreospinosa: Okutani, 1964 [RM8814]

Lunatia nux: Okutani, 1964 [RM8821]

Mandarina mandarina: Iwasaki and Aoshima, 1970 [RM15347]

Margarites margaritiferus: Okutani, 1964 [RM8810]

Microstelma flava: Okutani, 1964 [RM8817]

Mohnia daphnelloides: Okutani, 1964 [RM8831]

Neadmete profundicola: Okutani, 1964 [RM8836]

Nematoma microvoluta: Okutani, 1964 [RM8844]

Neptunea insularis robusta: Okutani, 1964 [RM8834]

Nodiscala japonica: Okutani, 1964 [RM8819]

Recent Gastropoda (continued)

Palaeadmete bathyalis: Okutani, 1964 [RM8823]

Paradrillia sagamiana: Okutani, 1964 [RM8839]

Philine aperta: Otuka, 1936b [RM13077]

Pleurotomella granuliapicata: Okutani, 1964 [RM8848]

Profundiconus soyomaruae: Okutani, 1964 [RM8849]

"Propebela" bigranulosa: Okutani, 1964 [RM8843]

"Propebela" plicata: Okutani, 1964 [RM8842]

Propebela (Turritoma) venusta: Okutani, 1964 [RM8841]

Pseudorhaphitoma naganumaensis: Otuka, 1935b [RM12622]

Ptychrosyrinx bisinuata japonica: Okutani, 1964 [RM8838]

Puncturella (Fissurisepta) undulata: Okutani, 1964 [RM8809]

Scissurella sagamiana: Okutani, 1964 [RM8008]

Seguenzia mirabilis: Okutani, 1964 [RM8811]

Seguenzia nipponica: Okutani, 1964 [RM8812]

Siphonaria aff. *siquijorensis*: Otuka, 1936d [RM13103]

Siphonaria atra: Otuka, 1936d [RM13101]

Siphonaria japonica: Otuka, 1936d [RM13102]

Siphonaria sipho: Otuka, 1936d [RM13100]

Soyonassa porifericola: Okutani, 1964 [RM8830]

Tachyrhynchus subvenustellus: Okutani, 1964 [RM8818]

Taranis japonicus: Okutani, 1964 [RM8846a,8846b]

Taranis (Nepotilla) nezi: Okutani, 1964 [RM8847]

Terebra (Subula) dimidiata circumvoluta: Otuka, 1936d [RM13109]

Torellia millestriata: Okutani, 1964 [RM8822]

Trophonopsis soyoae: Okutani, 1964 [RM8826]

"Turbonilla" punicea: Okutani, 1964 [RM8850]

Turcicula acola: Taki and Otuka, 1943 [RM13262]

Turcicula argenteonitens: Taki and Otuka, 1943 [RM13271]

Turcicula argenteonitens hirasei: Taki and Otuka, 1943 [RM13272]

Turcicula crumpii: Taki and Otuka, 1943 [RM13268]

Turcicula japonica: Taki and Otuka, 1943 [RM13270]

Turricula (Orthosurcula) australis: Otuka, 1959 [RM12863]

Turricula (Orthosurcula?) soyomaruae: Otuka, 1959 [RM12860]

Turritella fortilirata: Otuka, 1934 [RM12983]

Recent Gastropoda (continued)

Velutina abyssicola: Okutani, 1964 [RM8825]

Zemitrella cera: Okutani, 1964 [RM8828]

Zemitrella? siligo: Okutani, 1964 [RM8829]

CENOZOIC SCAPHOPODA

Dentalium (Antalis) motidukii: Otuka, 1935b [CM12479]

Dentalium (Antalis) septentrionale: Taki and Oyama, 1954 [CM20314,21138], Oyama, 1973 [CM20314,21138]

Dentalium (Antalis) sp.: Otuka, 1934 [CM12106,12107]

Dentalium cfr. *weinkauffi*: Tokunaga, 1906 [CM13552]

Dentalium cf. *weinkauffi*: Yokoyama, 1932a [CM26092]

Dentalium cf. *weinkauffi*: Makiyama, 1959 [CM26316d]

Dentalium cf. *weinkauffii*: Yokoyama, 1927e [CM26316d,26329]

Dentalium complexum: Yokoyama, 1920 [CM20306-20313], Yokoyama, 1923c [CM 24554], Yokoyama, 1925a [CM22182-22185], Yokoyama, 1925d [CM22686-22689], Yokoyama, 1926b [CM22783], Yokoyama, 1928a [CM25180,25181]

Dentalium (Dentalium) hexagonum: Otuka, 1935b [CM12476-12478]

Dentalium exaratum: Yokoyama, 1927e [CM26330,26331], Makiyama, 1959 [CM 26330]

Dentalium (Fissidentalium) vernedei: Sugita, 1962 [CM15306]

Dentalium (Fissidentalium) yokoyamai: Taki and Oyama, 1954 [CM20306], Oyama, 1973 [CM20306]

Dentalium (Fustiaria) nipponicum: Yokoyama, 1922a [CM21150,21151], Taki and Oyama, 1954 [CM21150], Oyama, 1973 [CM21150]

Dentalium (Graptacme) buccinulum: Taki and Oyama, 1954 [CM23901], Oyama, 1973 [CM23901]

Dentalium (Laevidentalium) yamakawai: Taki and Oyama, 1954 [CM23906], Oyama, 1973 [CM23906]

Dentalium lentum: Yokoyama, 1923d [CM24632a,23632b,24633,24634], Makiyama, 1957 [CM24632a,24632b,24633]

Dentalium octogonum: Tokunaga, 1906 [CM13520,13521], Yokoyama, 1920 [CM 20320-20324,24539,24540], Yokoyama, 1922a [CM21145,21146], Yokoyama, 1924a [CM21897], Yokoyama, 1926g [CM23441], Yokoyama, 1927a [CM23896-23898], Yokoyama, 1927b [CM24349-24351], Yokoyama, 1927c [CM24878], Yokoyama, 1928a [CM25178,25179]

Dentalium (Paradentalium) octangulatum: Taki and Oyama, 1954 [CM24540]

Dentalium (Paradentalium) octangulatum hexagonum: Taki and Oyama, 1954 [CM 20320,24539], Oyama, 1973 [CM20320,24539,24540]

Dentalium semipolitum: Yokoyama, 1927a [CM23901,23902], Yokoyama, 1927b [CM24352]

Cenozoic Scaphopoda (continued)

Dentalium sp.: Yokoyama, 1923b [CM21781]

Dentalium sp.: Yokoyama, 1925b [CM22490]

Dentalium sp.: Yokoyama, 1926b [CM22784]

Dentalium sp.: Yokoyama, 1926c [CM22873-22876]

Dentalium sp.: Yokoyama, 1930a [CM25600]

Dentalium sp.: Yokoyama, 1930c [CM25659]

Dentalium sp.: Yokoyama, 1931a [CM25835]

Dentalium sp.: Yokoyama, 1932a [CM26093,26094]

Dentalium sp.: Otuka, 1936c [CM13051]

Dentalium tigillum: Yokoyama, 1931a [CM25797,25798,25804], Makiyama, 1959 [CM25797,25798]

Dentalium vernedei: Yokoyama, 1929a [CM25544]

Dentalium weinkauffi: Yokoyama, 1920 [CM20314-20319], Yokoyama, 1922a [CM 21138-21144], Yokoyama, 1923a [CM21688], Yokoyama, 1925a [CM22181], Yokoyama, 1925c [CM22573], Yokoyama, 1927a [CM23894,23895], Yokoyama, 1927c [CM24876,24877]

Dentalium weinkauffii: Yokoyama, 1925d [CM22690,22691], Yokoyama, 1926g [CM23438-23440], Yokoyama, 1926h [CM27127], Yokoyama, 1928a [CM25175-25177], Yokoyama, 1928b [CM25345], Yokoyama, 1929a [CM25545]

Dentalium yamakawai: Yokoyama, 1927a [CM23903-23906]

Dentalium yokoyamai: Makiyama, 1957 [CM22182], Makiyama, 1958 [CM22783], Iwasaki, 1970 [CM9276,9277]

Siphonodentalium ozawai: Yokoyama, 1926j [CM27202], Yokoyama, 1927b [CM 24353]

Siphonodentalium (Pulsellum) ozawai: Yokoyama, 1926f [CM23196], Yokoyama, 1928b [CM25346], Otuka, 1935b [CM12480], Makiyama, 1958 [CM23196]

Siphonodentalium sp.: Chinzei, 1973 [CM8144]

CENOZOIC BIVALVIA

Acar plicata: Taki and Oyama, 1954 [CM21991], Oyama, 1973 [CM21991]

Acesta goliath: Oyama, 1973 [CM20528,20529]

Acila (Acila) divaricata: Oyama, 1973 [CM20688]

Acila (Acila) minutoides: Oyama, 1973 [CM20687,20688]

Acila cf. *insignis*: Chinzei, 1973 [CM8128,8234]

Acila divaricata: Otuka, 1935b [CM12482], Taki and Oyama, 1954 [CM20688], Makiyama, 1957 [CM22538], Makiyama, 1958 [CM23060]

Acila divaricata?: Otuka, 1934 [CM11841]

Cenozoic Bivalvia (continued)

Acila insignis: Yokoyama, 1930c [CM25739,25740], Yokoyama, 1931a [CM25752], Yokoyama, 1931b [CM25996]

Acila minuta: Taki and Oyama, 1954 [CM20686,20687]

Acila mirabilis: Yokoyama, 1929b [CM26957,26958], Yokoyama, 1930c [CM25738], Yokoyama, 1931a [CM25826]

Acila nakazimai: Chinzei, 1973 [CM8256]

Acila sp.: Otuka, 1938b [CM12710]

Acila sp. (cf. *insignis*): Okutani, 1968 [CM15405]

Acila submirabilis: Makiyama, 1958 [CM22837]

Acila (Truncacila) eximia: Makiyama, 1957 [CM22449,22452,22454]

Acila (Truncacila) gottschei: Makiyama, 1958 [CM23055,23056], Makiyama, 1959 [CM25740]

Acila (Truncacila) nakazimai: Otuka, 1939a [CM12830,12843,12864-12866], Chinzei, 1973 [CM8082]

Acila (Truncacila) sp.: Chinzei, 1961 [CM8629-8631]

Acila vigilia: Makiyama, 1959 [CM26957]

Acrosterigma (Vasticardium) burchardi: Taki and Oyama, 1954 [CM21388], Oyama, 1973 [CM21388]

Aequipecten (Cryptopecten) sematensis: Taki and Oyama, 1954 [CM21561,21562], Oyama, 1973 [CM21561,21562]

Aequipecten (Cryptopecten) vesiculosus: Taki and Oyama, 1954 [CM20549-20551], Oyama, 1973 [CM20549-20551]

Aequipecten (Excellichlamys) spectabilis: Taki and Oyama, 1954 [CM21967], Oyama, 1973 [CM21967]

Afrocardium ebaranum: Taki and Oyama, 1954 [CM24040], Oyama, 1973 [CM24040]

Aloides (Cuneocorbula) peregrina: Makiyama, 1958 [CM23535]

Aloides erythrodon: Makiyama, 1958 [CM23443]

Aloides erythrodon nisataiensis: Otuka, 1934 [CM12037,12038,12970-12979], Otuka, 1937a [CM25547]

Aloides pumpellyi: Makiyama, 1959 [CM26101]

Aloides pygmaea: Otuka, 1932 [CM10587]

Aloides substriatus: Otuka, 1935b [CM12613a,12613b,12613c]

Aloides venusta: Otuka, 1935b [CM12610-12612]

Aloidis (Cuneocorbula) peregrina: Makiyama, 1957 [CM24635-24638]

Aloidis (Cuneocorbula) tanabensis: Makiyama, 1957 [CM24647]

Aloidis succincta: Otuka, 1938c [CM12743,12769], Makiyama, 1957 [CM24649-24653]

Cenozoic Bivalvia (continued)

Aloidis venustus: Otuka, 1935b [CM12610-12612]

Alvenius ojianus: Taki and Oyama, 1954 [CM24050,24051], Oyama, 1973 [CM 24050,24051]

Ambuscintilla sp.: Oyama, 1973 [CM21930]

Amusium pleuronectes: Otuka, 1936d [CM13092]

Amussiopecten praesignis: Otuka, 1938b [CM12690], Makiyama, 1958 [CM23491, 23492]

Amussiopecten sp.: Otuka, 1938b [CM12691]

Anadara aff. *ninohensis*: Otuka, 1936c [CM13043]

Anadara aff. *ogawai*: Otuka, 1943a [CM13202,13206]

Anadara amicula: Otuka, 1937a [CM25555], Makiyama, 1958 [CM22637-22639], Chinzei, 1973 [CM8080,8176-8178]

Anadara (Anadara) tatunokutiensis nagawensis: Chinzei, 1961 [CM8633-8642]

Anadara castellata: Makiyama, 1957 [CM21796-21799]

Anadara cfr. *setoensis*: Otuka, 1938c [CM12724]

Anadara chichibuensis: Oyama, Mizuno and Sakamoto, 1960 [CM22758]

Anadara daitokudoensis: Otuka, 1938c [CM12723], Makiyama, 1959 [CM25556]

Anadara multiformis: Otuka, 1936b [CM13074,13075]

Anadara ninohensis: Otuka, 1941a [CM12679], Iwasaki, 1970 [CM9398-9421]

Anadara ogawai: Otuka, 1943a [CM13190]

Anadara (Pectinatarca) kiiensis: Mizuno, 1953 [CM15284,15285]

Anadara (Scapharca) broughtoni: Taki and Oyama, 1954 [CM20617,21596], Oyama, 1973 [CM21596]

Anadara (Scapharca) nakamurai: Mizuno, 1953 [CM15283]

Anadara (Scapharca) subcrenata: Taki and Oyama, 1954 [CM21602], Oyama, 1973 [CM21602]

Anadara satowi ommaensis: Otuka, 1936a [CM12775]

Anadara setoensis: Makiyama, 1957 [CM24673]

Anadara subcrenata: Otuka, 1932 [CM10589]

Anadara (Tegiliarca) granosa: Oyama, 1973 [CM21591]

Anadara (Tegillarca) granosa var.: Taki and Oyama, 1954 [CM21591]

Anadara tricenicosta: Makiyama, 1958 [CM23539,23540]

Anadara valentula: Makiyama, 1957 [CM24668,24669]

Angulus (Angulus) vestalioides: Taki and Oyama, 1954 [CM20370]

Angulus (Fabulina) iridella: Otuka, 1935b [CM12605]

Angulus (Fabulina) miyatensis: Otuka, 1935b [CM12606]

Cenozoic Bivalvia (continued)

Angulus (Peronidia) salmonea: Otuka, 1935b [CM12607]

Angulus (Peronidia) sp.: Oyama, Mizuno and Sakamoto, 1960 [CM22072]

Angulus (Peronidia) venulosa: Taki and Oyama, 1954 [CM21275,21276,21286]

Angulus vestalioides: Oyama, 1973 [CM20370]

Anisodonta (Anisodonta) recluzi: Taki and Oyama, 1954 [CM20349,20350], Oyama, 1973 [CM20349,20350]

Anisodonta (Furcrella) gouldi: Taki and Oyama, 1954 [CM20348,21905,21906], Oyama, 1973 [CM20348,21905,21906]

Anodonta muroii: Suzuki, 1941d [CM15248]

Anodonta? sp.: Yokoyama, 1932a [CM26283]

Anodonta suavis: Yokoyama, 1932a [CM26280-26282], Makiyama, 1959 [CM26280]

Anodonta subjapanensis: Suzuki, 1941b [CM15204,16280], Makiyama, 1959 [CM 26264], Oyama, Mizuno and Sakamoto, 1960 [CM26264,26280]

Anodonta subjapanensis yokoyamai: Suzuki, 1941b [CM26273], Oyama, Mizuno and Sakamoto, 1960 [CM26273]

Anodontia bialata: Otuka, 1935b [CM12554-12566]

Anodontia sagawai: Oyama, Mizuno and Sakamoto, 1960 [CM24982]

Anomalocardia (Veremolpa) micra: Oyama, 1973 [CM24427,24428]

Anomalocardia (Veremolpa) minuta: Taki and Oyama, 1954 [CM20403,21366, 21367], Oyama, 1973 [CM20403,21366,21367]

Anomia aff. *patelliformis*: Tokunaga, 1906 [CM13676-13678]

Anomia cytaeum: Yokoyama, 1920 [CM20516-20519], Yokoyama, 1928a [CM25222], Yokoyama, 1931b [CM25972], Taki and Oyama, 1954 [CM20520,20521], Iwasaki, 1970 [CM9163-9169], Oyama, 1973 [CM20516,20521]

Anomia cytaeum var.: Oyama, 1973 [CM20520]

Anomia densicostulata: Yokoyama, 1925c [CM22616]

Anomia lischkei: Yokoyama, 1925c [CM22615], Yokoyama, 1926i [CM27173], Yokoyama, 1926j [CM27229], Yokoyama, 1927a [CM24113-24116], Yokoyama, 1927b [CM24477-24479], Yokoyama, 1927c [CM24935,24936], Yokoyama, 1930a [CM 25631], Otuka, 1932 [CM10590], Taki and Oyama, 1954 [CM20516]

Anomia lunula: Yokoyama, 1922a [21528-21531], Yokoyama, 19223a [CM21703]

Anomia nipponensis: Yokoyama, 1920 [CM20520-20527], Yokoyama, 1922a [CM21522 -21527]

Anomia sematana: Yokoyama, 1922a [CM21532-21534]

Anomia sp.: Otuka, 1935b [CM12503]

Anomia sp.: Otuka, 1936c [CM13042]

Arca aff. *trilineata*: Otuka, 1934 [CM11859-11861]

Arca α sp.: Tokunaga, 1906 [CM13626]

Cenozoic Bivalvia (continued)

Arca amicula: Yokoyama, 1925c [CM22637-22641,22643,22644], Yokoyama, 1925d [CM22758,22759], Yokoyama, 1927c [CM24949,24950], Yokoyama, 1928b [CM 25389], Yokoyama, 1929a [CM25555], Otuka, 1934 [CM11854-11858,12888], Otuka, 1935b [CM12499], Otuka, 1936c [CM12827,12828], Makiyama, 1958 [CM22758]

Arca (Anomalocardia) granosa: Yokoyama, 1922a [CM21591-21595]

Arca (Anomalocardia) inflata: Yokoyama, 1922a [CM21596-21601], Yokoyama, 1926g [CM23505-23508]

Arca arabica: Taki and Oyama, 1954 [CM21996], Oyama, 1973 [CM21996]

Arca (Barbatia) decussata: Yokoyama, 1924a [CM21984]

Arca (Barbatia) domingensis: Yokoyama, 1924a [CM21992,22036]

Arca (Barbatia) fusca: Yokoyama, 1924a [CM21993-21995,22037]

Arca (Barbatia) stearnsii: Yokoyama, 1924a [CM21985-21987,22035], Yokoyama, 1926f [CM23290]

Arca (Barbatia) symmetrica: Yokoyama, 1924a [CM21988], Yokoyama, 1926f [CM 23291]

Arca (Barbatia) tenebrica: Yokoyama, 1924a [CM21989,21990]

Arca β sp.: Tokunaga, 1906 [CM13627]

Arca boucardi: Otuka, 1936a [CM12787]

Arca boucardi miyatensis: Oyama, 1973 [CM20605]

Arca castellata: Yokoyama, 1923b [CM21796-21800]

Arca cf. *canuloensis*: Yokoyama, 1929a [CM25556]

Arca decussata: Yokoyama, 1920 [CM20611], Yokoyama, 1926j [CM27238]

Arca γ sp.: Tokunaga, 1906 [CM13628,13629]

Arca granosa: Yokoyama, 1927a [CM24145], Yokoyama, 1927b [CM24496-24499]

Arca fusca: Yokoyama, 1911c [CM22011]

Arca inflata: Tokunaga, 1906 [CM13615-13617], Yokoyama, 1920 [CM20617, 20618], Yokoyama, 1926j [CM27236,27263], Yokoyama, 1927a [CM24151,24152], Yokoyama, 1927b [CM24500-24502], Yokoyama, 1928a [CM25228-25230], Otuka, 1935b [CM12498]

Arca kagoshimensis: Tokunaga, 1906 [CM13624,13625]

Arca kobeltiana: Yokoyama, 1920 [CM20605-20610], Yokoyama, 1922a [CM21588, 21589], Yokoyama, 1924a [CM21983], Yokoyama, 1925a [CM22332,22333], Yokoyama, 1926c [CM22925-22928], Yokoyama, 1926f [CM23287-23289], Yokoyama, 1926j [CM27237], Yokoyama, 1927a [CM24146], Yokoyama, 1927b [CM24494, 24495], Yokoyama, 1927c [CM24951], Yokoyama, 1928b [CM25387,25388], Yokoyama, 1932a [CM26303]

Arca kraussi: Yokoyama, 1924a [CM21996,21997]

Arca miyatensis: Taki and Oyama, 1954 [CM20605]

Cenozoic Bivalvia (continued)

Arca ninohensis: Otuka, 1934 [CM11863-11869,12889-12909]

Arca rectangularis: Tokunaga, 1906 [CM13630]

Arca satowi: Yokoyama, 1927b [CM24503]

Arca (Scapharca) subcrenata: Yokoyama, 1922a [CM21602-21609], Yokoyama, 1925a [CM22334-22338]

Arca setoensis: Yokoyama, 1923d [CM24673-24675], Yokoyama, 1925a [CM22339-22341]

Arca sp.: Yokoyama, 1923b [CM21801]

Arca sp.: Yokoyama, 1925b [CM22533]

Arca sp.: Yokoyama, 1926b [CM22829-22831]

Arca sp.: Yokoyama, 1926j [CM27285]

Arca sp.: Yokoyama, 1927d [CM25000]

Arca sp.: Yokoyama, 1930a [CM25635-25639]

Arca sp.: Yokoyama, 1931a [CM25839]

Arca sp.: Yokoyama, 1932a [CM26304,26305]

Arca sp.: Otuka, 1934 [CM11872]

Arca stearnsii: Yokoyama, 1920 [CM20612,20720]

Arca subcrenata: Yokoyama, 1926d [CM22958], Yokoyama, 1927a [CM24147-24150], Yokoyama, 1927b [CM24504-24507], Yokoyama, 1928b [CM25385,25386], Yokoyama, 1931b [CM25985-25991]

Arca suzukii: Yokoyama, 1926h [CM23539,23540], Yokoyama, 1928a [CM25231]

Arca symmetrica: Yokoyama, 1920 [CM20613-20616,24543], Yokoyama, 1922a [CM21590], Yokoyama, 1926i [CM27177]

Arca tenuis: Tokunaga, 1906 [CM13618-13622,13787,13788,13790]

Arca uwaensis: Yokoyama, 1928a [CM25232-25241]

Arca valentula: Yokoyama, 1923d [CM24668-24672]

Arcopagia (Pinguitellina) kurodai: Otuka, 1935b [CM12608]

Arcopagia (Punipagia) radiatolineata: Oyama, 1973 [CM21912,21913]

Arcopagia (Punipagia) radiato-lineata: Taki and Oyama, 1954 [CM21912,21913]

Aspergillum giganteum: Yokoyama, 1926h [CM23537,23538]

Astarte alaskensis: Otuka, 1935b [CM12538], Otuka, 1939a [CM12832], Makiyama, 1958 [CM23235,23236]

Astarte (Astarte) hakodatensis: Oyama, 1973 [CM20486,20487]

Astarte borealis: Yokoyama, 1922a [CM21458], Yokoyama, 1926f [CM23231-23234], Yokoyama, 1926j [CM27257,27258], Yokoyama, 1928b [CM25374-25376], Otuka, 1936a [CM12776], Makiyama, 1958 [CM23231,23232], Chinzei, 1973 [CM8140]

Cenozoic Bivalvia (continued)

Astarte hakodatensis: Yokoyama, 1920 [CM20486-20490], Yokoyama, 1922a [CM 21459], Yokoyama, 1926f [CM23239], Yokoyama, 1926j [CM27223], Yokoyama, 1927b [CM24469], Yokoyama, 1927c [CM24930], Otuka, 1935b [CM12537a,12537b, 12537c], Otuka, 1936a [CM12777], Taki and Oyama, 1954 [CM20486,20487]

Astarte japonica: Tokunaga, 1906 [CM13602,13603,13774,13775]

Astarte sulcata: Yokoyama, 1926f [CM23235-23238], Yokoyama, 1926j [CM27224, 27259], Yokoyama, 1928a [CM25219], Yokoyama, 1929a [CM25551]

Astarte teshioensis: Yokoyama, 1926e [CM23042-23044]

Astarte (Tridonta) borealis: Taki and Oyama, 1954 [CM21458], Oyama, 1973 [CM21458]

Astarte (Tridonta) teshioensis: Makiyama, 1958 [CM23042,23043]

Astarte? verecunda: Oyama, Mizuno and Sakamoto, 1960 [CM26260,26261]

Atrina pectinata japonica: Makiyama, 1957 [CM22331]

Atrina (Servatrina) pectinata japonica: Taki and Oyama, 1954 [CM21587], Oyama, 1973 [CM21587]

Azorinus abbreviatus: Taki and Oyama, 1954 [CM20360,20361], Oyama, 1973 [CM20360,20361]

Barbatia (Barbatia) bicolorata: Taki and Oyama, 1954 [CM21993,22011], Oyama, 1973 [CM21993]

Barbatia (Barbatia?) sp.: Oyama, 1973 [CM20612]

Barbatia (Barbatia) stearnsi: Oyama, 1973 [CM21985,21986]

Barbatia (Barbatia) stearnsii: Taki and Oyama, 1954 [CM21985,21986]

Barbatia decussata: Otuka, 1935b [CM12495,12496]

Barbatia obtusoides: Otuka, 1935b [CM12490], Iwasaki, 1970 [CM8961]

Barbatia reticulata: Otuka, 1935b [CM12494]

"Barbatia" sp.: Taki and Oyama, 1954 [CM20612]

Barbatia stearnsi: Otuka, 1935b [CM12491,12492]

Barbatia symmetrica: Otuka, 1935b [CM12493,12639,13019]

Barnea (Anchomasa) inornata: Taki and Oyama, 1954 [CM20330]

Barnea (Anchomasa) manilensis inornata: Oyama, 1973 [CM20330]

Barnea fragilis: Otuka, 1932 [CM10591], Otuka, 1935b [CM12618]

Barnea japonica: Otuka, 1935b [CM12617]

Basterotia gouldii: Yokoyama, 1920 [CM20348], Yokoyama, 1924a [CM21905-21907], Yokoyama, 1926i [CM27153], Otuka, 1935b [CM12546a,12546b]

Basterotia trapezium: Yokoyama, 1920 [CM20349,20350], Yokoyama, 1927a [CM 23919]

"Bathyarca" uwaensis: Otuka, 1935b [CM12500]

Cenozoic Bivalvia (continued)

Batissa mirabilis: Suzuki, 1941c [CM15221-15231]

Batissa nagaoi: Suzuki, 1941c [CM15219,15220]

Batissa procera: Suzuki, 1941c [CM15232-15234]

Bellucina civica: Makiyama, 1959 [CM24913,24914]

Brachidontes (Arcuatula) senhousia: Taki and Oyama, 1954 [CM24107]

Brachidontes (Hormomya) sp.: Iwasaki and Ono, 1977 [CM8468,8469]

Brachidontes senhausi: Otuka, 1932 [CM10592]

Brachidontes senhausii: Otuka, 1934 [CM11938]

Byssobornia striatissima: Taki and Oyama, 1954 [CM21934,21935], Oyama, 1973 [CM21934,21935]

Cadella delta: Taki and Oyama, 1954 [CM21297-21299], Oyama, 1973 [CM21297-21299]

Cadella sp.: Iwasaki and Ono, 1977 [CM8479]

Caecella chinensis: Taki and Oyama, 1954 [CM20351,20352]

Callista brevisiphonata: Makiyama, 1959 [CM26921]

Callista (Callista) chinensis: Taki and Oyama, 1954 [CM21335]

Callista chinensis: Taki and Oyama, 1954 [CM20391,20392], Oyama, 1973 [CM 20391,20392]

Callista cf. *brevisiphonata*: Chinzei, 1961 [CM8665]

Callista misawaensis: Oyama, Mizuno and Sakamoto, 1960 [CM22077,22078]

Callista mitsuiana: Oyama, Mizuno and Sakamoto, 1960 [CM20022]

Callista pacifica: Otuka, 1936b [CM12582,12583]

Callista sp.: Chinzei, 1961 [CM8666-8669]

Callista sp.: Chinzei, 1973 [CM8181]

Calyptogena longissima: Makiyama, 1958 [CM22645]

Cardilia semisulcata: Yokoyama, 1927a [CM23925], Taki and Oyama, 1954 [CM 23925], Oyama, 1973 [CM23925]

"Cardilia" yudaensis: Otuka, 1934 [CM12034]

Cardiomya (Cardiomya) gouldiana septentrionalis: Oyama, 1973 [CM24096]

Cardiomya sp.: Chinzei, 1973 [CM8143]

Cardita crassicosta: Yokoyama, 1924a [CM21947.21948,22030]

Cardita cumingiana: Yokoyama, 1920 [CM20469-20471,24541], Yokoyama, 1925a [CM22285,22286], Yokoyama, 1925b [CM22529], Yokoyama, 1926f [CM23224], Yokoyama, 1926i [CM27171], Otuka, 1935b [CM12539-12541]

Cardita leana: Taki and Oyama, 1954 [CM20469,21947,24541], Oyama, 1973 [CM 20469,21947,24541]

Cenozoic Bivalvia (continued)

Cardita mandaica: Yokoyama, 1911b [CM20017-20021], Yokoyama, 1932a [CM26247, 26248], Makiyama, 1957 [CM20017-20020], Makiyama, 1959 [CM26247]

Cardita nodulosa: Taki and Oyama, 1954 [CM20468], Oyama, 1973 [CM20468]

Cardita panda: Yokoyama, 1926g [CM23479-23486], Yokoyama, 1928a [CM25216, 25217]

Cardita rotunda: Tokunaga, 1906 [CM13604-13608,13776-13787]

Cardita variegata: Yokoyama, 1920 [CM20468]

Carditella (Carditellopsis) toneana: Oyama, 1973 [CM21454,21455]

Carditella toneana: Taki and Oyama, 1954 [CM21454,21455]

Cardium ainuanum: Yokoyama, 1927e [CM26356-26358]

Cardium angustum: Yokoyama, 1925c [CM22599,22600], Yokoyama, 1928b [CM25364, 25365]

Cardium braunsi: Tokunaga, 1906 [CM13590,13703-13715], Yokoyama, 1920 [CM 20438], Yokoyama, 1922a [CM21398-21400], Yokoyama, 1926d [CM22984], Yokoyama, 1927a [CM24035-24037], Yokoyama, 1927b [CM24443-24447], Yokoyama, 1928b [CM25363]

Cardium (Bucardium) ogurai: Otuka, 1938c [CM12730,12760,12761]

Cardium bülowi: Otuka, 1932 [CM10593]

Cardium burchardi: Yokoyama, 1922a [CM21388,21389], Yokoyama, 1925d [CM 22712-22715], Yokoyama, 1926b [CM22803-22805], Yokoyama, 1927b [CM24450], Otuka, 1932 [CM10594], Makiyama, 1958 [CM22712]

Cardium californiense: Tokunaga, 1906 [CM13586,13587], Yokoyama, 1920 [CM 20426-20430], Yokoyama, 1922a [CM21390,21391], Yokoyama, 1925a [CM22253], Yokoyama, 1925d [CM22716-22718], Yokoyama, 1926f [CM23210], Yokoyama, 1926j [CM27218], Yokoyama, 1927a [CM24027-24031], Yokoyama, 1931a [CM 25749]

Cardium (Cerastoderma) ciliatum?: Otuka, 1936a [CM13033]

Cardium (Cerastoderma) shinjiense: Otuka, 1934 [CM11957,11959-11965,11977]

Cardium civicum: Yokoyama, 1927c [CM24913-24916], Yokoyama, 1928a [CM25195, 25196]

Cardium (Clinocardium) iwasiroense: Otuka, 1943b [CM13228]

Cardium (Clinocardium) shinjiense: Otuka, 1943a [CM13193]

Cardium (Clinocardium) shinjiensis: Otuka, 1940b [CM12659]

Cardium ebaranum: Yokoyama, 1927a [CM24040,24041]

Cardium egregium: Yokoyama, 1926g [CM23476]

Cardium elongatum: Yokoyama, 1926d [CM22964]

Cardium fastosum: Yokoyama, 1927c [CM24910-24912]

Cardium groenlandicum: Yokoyama, 1929b [CM26926-26928], Yokoyama, 1930c [CM25692-25697], Yokoyama, 1931a [CM25787,25869], Yokoyama, 1932a [CM 26235,26236]

Cenozoic Bivalvia (continued)

Cardium (Laevicardium) jobanicum: Yokoyama, 1924b [CM22081-22083]

Cardium (Laevicardium) squalidum: Yokoyama, 1924b [CM22084]

Cardium (Laevicardium) tristiculum: Yokoyama, 1924b [CM22085-22087], Yokoyama, 1930c [CM25700-25704], Makiyama, 1957 [CM22085-22087]

Cardium modestum:Yokoyama, 1920 [CM20435-20437], Yokoyama, 1922a [CM21397], Yokoyama, 1925a [CM22255], Yokoyama, 1927c [CM24906-24908], Yokoyama, 1928a [CM25193]

Cardium muticum: Tokunaga, 1906 [CM13588,13589], Yokoyama, 1920 [CM20431-20434], Yokoyama, 1922a [CM21392-21396], Yokoyama, 1925a [CM22254], Yokoyama, 1925d [CM22719], Yokoyama, 1926e [CM23034,23035], Yokoyama, 1926f [CM23211], Yokoyama, 1926g [CM23474], Yokoyama, 1926h [CM27131], Yokoyama, 1926i [CM27168], Yokoyama, 1926j [CM27251,27281], Yokoyama, 1927a [CM 24032-24034], Yokoyama, 1927b [CM24438-24442], Yokoyama, 1927c [CM24905], Yokoyama, 1928a [CM25194], Yokoyama, 1928b [CM25362], Otuka, 1932 [CM 10595], Otuka, 1936c [CM13050]

Cardium nuttalii: Yokoyama, Yokoyama, 1926g [CM23475], Yokoyama, 1926i [CM 27169], Yokoyama, 1926j [CM27252,27253,27275,27282], Yokoyama, 1927c [CM 24909], Yokoyama, 1927e [CM26352], Yokoyama, 1929b [CM26929-26931]

Cardium nuttalli: Otuka, 1936c [CM13049]

Cardium nuttallii: Yokoyama, 1930c [CM25688-25691], Yokoyama, 1931a [CM 25771,25792,25837], Yokoyama, 1932a [CM26237-26241]

Cardium pauperculum: Yokoyama, 1923c [CM24574-24579], Yokoyama, 1925d [CM 22720-22722], Yokoyama, 1926e [CM23036,23037], Makiyama, 1958 [CM22720, 22721]

Cardium sagawai: Yokoyama, 1927d [CM24982], Makiyama, 1959 [CM24982]

Cardium shinjiense: Yokoyama, 1924b [CM22088,27060-27068], Yokoyama, 1925a [CM22256-22261], Yokoyama, 1925b [CM22512-22517], Yokoyama, 1925c [CM 22598], Yokoyama, 1926c [CM22903-22905], Yokoyama, 1926d [CM22956,23000], Yokoyama, 1926f [CM23212,23213], Makiyama, 1957 [CM22517]

Cardium shinjiensis: Yokoyama, 1923c [CM24580-24584]

Cardium shiobarense: Yokoyama, 1926b [CM22806-22812,24744-24752], Yokoyama, 1931b [CM25965-25968]

Cardium sp.: Yokoyama, 1923a [CM21693]

Cardium sp.: Yokoyama, 1923b [CM21793]

Cardium sp.: Yokoyama, 1926b [CM22839]

Cardium sp.: Yokoyama, 1926d [CM22985,22986]

Cardium sp.: Yokoyama, 1931a [CM25764,25788,25829,25830,25844]

Cardium sp.: Yokoyama, 1932a [CM26244]

Cardium sp.: Otuka, 1935b [CM12572]

Cardium? sp.: Yokoyama, 1930a [CM25620]

Cenozoic Bivalvia (continued)

Cardium sp. (aff. *elongatum*): Yokoyama, 1931a [CM25864]

Cardium taracaicum: Yokoyama, 1930c [CM25698,25699], Yokoyama, 1931a [CM 25748,25763]

Cardium tokunagai: Yokoyama, 1922a [CM21402,21403], Yokoyama, 1927a [CM 24038,24039], Yokoyama, 1927b [CM24448,24449]

Cardium tokunagai var. *ovata*: Yokoyama, 1922a [CM21401]

Cardium tokyoensis: Tokunaga, 1906 [CM13591,13592]

Cardium (Trachycardium) burchardi: Otuka, 1937b [CM13126]

Cardium (Trachycardium) sp.: Otuka, 1938b [CM12696]

Cardium tristiculum: Yokoyama, 1931a [CM25767], Yokoyama, 1932a [CM26242, 26243]

Caryocorbula (Anisocorbula) venusta: Taki and Oyama, 1954 [CM20339], Oyama, 1973 [CM20339]

Caryocorbula (Solidicorbula) erythrodon: Taki and Oyama, 1954 [CM21162, 21163], Oyama, 1973 [CM21162,21163]

Chama aspersa: Otuka, 1935b [CM12563-12566], Taki and Oyama, 1954 [CM21443]

Chama (Chama) aspersa: Oyama, 1973 [CM21443]

Chama (Chama) fragum: Oyama, 1973 [CM20463,20464]

Chamaeformis meretrix: Otuka, 1932 [CM10596]

Chama fragum: Taki and Oyama, 1954 [CM20463,20464]

Chama (Pseudochama) retroversa: Taki and Oyama, 1954 [CM21945], Oyama, 1973 [CM21945]

Chama retroversa: Yokoyama, 1924a [CM21945,21946]

Chama semipurpurata: Yokoyama, 1920 [CM20463-20467], Yokoyama, 1922a [CM 21443,21444], Yokoyama, 1924a [CM21944,22029], Yokoyama, 1926f [CM23223]

Chione astartoides: Yokoyama, 1929b [CM26922-26925], Yokoyama, 1930c [CM 25686], Yokoyama, 1931a [CM25762]

Chione casinaeformis: Yokoyama, 1926g [CM23467-23469], Yokoyama, 1926h [CM 23536], Yokoyama, 1927d [CM24981], Yokoyama, 1930a [CM25611,25612]

Chione chitaniana: Yokoyama, 1926g [CM23470,23471], Yokoyama, 1927e [CM 26345,26346], Yokoyama, 1928b [CM25360]

Chione crenifera: Yokoyama, 1927b [CM24427,24428,24516]

Chione foliacea: Yokoyama, 1928a [CM25190-25192], Yokoyama, 1928b [CM25359]

Chione hizenensis: Yokoyama, 1928b [CM25361]

Chione isabellina: Yokoyama, 1920 [CM20401,20402], Yokoyama, 1922a [CM21363 -21365], Yokoyama, 1923b [CM21792], Yokoyama, 1926g [CM23464-23466,27116, 27117], Yokoyama, 1927a [CM24010-24013], Yokoyama, 1927b [CM24426], Otuka, 1932 [CM10597]

Cenozoic Bivalvia (continued)

Chione laetifica: Makiyama, 1959 [CM25358]

Chione mindanensis: Yokoyama, 1922a [CM21366-21368], Yokoyama, 1926i [CM 27165]

Chione minuta: Yokoyama, 1920 [CM20403,20404]

Chione sp.: Makiyama, 1959 [CM25361]

Chione sp.: Yokoyama, 1929a [CM25549], Otuka, 1937a [CM25549]

Chione (Veremolpa) micra: Taki and Oyama, 1954 [CM24427,24428]

Chironia suborbicularia laperousii: Makiyama, 1958 [CM23572]

Chlamys aff. *akihoensis*: Otuka, 1936c [CM13041]

Chlamys akitana: Makiyama, 1958 [CM23586-23588]

Chlamys akitanus: Otuka, 1936c [CM13040,13045]

Chlamys arakawai: Otuka, 1943a [CM13216]

Chlamys cf. *cosibensis*: Chinzei, 1959 [CM8592]

Chlamys cf. *yessoensis*: Yokoyama, 1932a [CM26294]

Chlamys (Chlamys) cosibensis: Taki and Oyama, 1954 [CM20554-20557], Oyama, 1973 [CM20554-20557]

Chlamys (Chlamys) farreri akazara: Oyama, 1973 [CM21553,21554]

Chlamys (Chlamys) farreri var.: Oyama, 1973 [CM20543,20544]

Chlamys (Chlamys) miurensis: Taki and Oyama, 1954 [CM20562-20566], Oyama, 1973 [CM20562-20566]

Chlamys (Chlamys) nipponensis: Taki and Oyama, 1954 [CM20543,20544,21553, 21554]

Chlamys (Chlamys) squamata: Taki and Oyama, 1954 [CM20541,24542], Oyama, 1973 [CM20541,24542]

Chlamys (Chlamys) swifti: Taki and Oyama, 1954 [CM20553]

Chlamys (Comptopallium) quadrilirata: Taki and Oyama, 1954 [CM21970]

Chlamys (Coralichlamys?) rutteni: Mizuno, 1952 [CM15268], Oyama, Mizuno and Sakamoto, 1960 [CM15268]

Chlamys cosibensis: Makiyama, 1957 [CM21707]

Chlamys cosibensis cosibensis: Makiyama, 1958 [CM23274,23275]

Chlamys cosibensis heteroglypta: Makiyama, 1958 [CM23269-23273,23276]

Chlamys crassivenia: Otuka, 1935b [CM12512-12516]

Chlamys foeda: Makiyama, 1958 [CM23286]

Chlamys hastatus aff. *ingeniosa*: Otuka, 1934 [CM11876], Otuka, 1935b [CM 12511]

Chlamys hirasei awajiensis: Makiyama, 1958 [CM23554,23555]

Cenozoic Bivalvia (continued)

Chlamys insolita: Makiyama, 1958 [CM22634]

Chlamys irregularis: Otuka, 1935b [CM12509]

Chlamys islandicus nisataiensis: Otuka, 1934 [CM11878-11880,12912-12914]

Chlamys iwakiana: Makiyama, 1957 [CM22532]

Chlamys kaneharai: Makiyama, 1958 [CM22819-22824], Makiyama, 1959 [CM25974], Iwasaki, 1970 [CM9226-9234]

Chlamys kotorana: Otuka, 1934 [CM11877]

Chlamys (Mimachlamys) jousseaumei: Oyama, 1973 [CM20546,20547]

Chlamys (Mimachlamys) nobilis: Oyama, 1973 [CM20545]

Chlamys (Miyagipecten) matsumoriensis: Iwasaki, 1970 [CM8960]

Chlamys nipponensis: Otuka, 1935b [CM12518-12521]

Chlamys nobilis: Taki and Oyama, 1954 [CM20545]

Chlamys notoensis: Otuka, 1935b [CM12517], Otuka, 1936c [CM13818]

Chlamys plica: Otuka, 1932 [CM10598]

Chlamys (Semipallium) quadrilirata: Oyama, 1973 [CM21970]

Chlamys sp.: Otuka, 1934 [CM11935]

Chlamys sp.: Otuka, 1934 [CM12911]

Chlamys sp.: Otuka, 1934 [CM11881]

Chlamys sp.: Otuka, 1934 [CM11882]

Chlamys sp.: Otuka, 1934 [CM11883]

Chlamys sp.: Otuka, 1935b [CM12522]

Chlamys sp.: Otuka, 1938b [CM12692]

Chlamys sp.: Otuka, 1943a [CM13217]

Chlamys swifti etchegoinii: Otuka, 1939a [CM12848,12849]

Chlamys swiftii: Yokoyama, 1932a [CM26297], Makiyama, 1958 [CM23264,23265]

Chlamys swiftii etchegoini: Otuka, 1935b [CM12510,12626]

Chlamys swifti nutteri: Otuka, 1939a [CM12850]

Chlamys (Swiftopecten) swiftii: Makiyama, 1957 [CM22311], Makiyama, 1958 [CM22750]

Chlamys takahashii: Yokoyama, 1932a [CM26295]

Chlamys tokyoensis: Yokoyama, 1932a [CM26296]

Chlamys (Veprichlamys) jousseaumei: Taki and Oyama, 1954 [CM20546-20548], Oyama, 1973 [CM20548]

Circe scripta: Yokoyama, 1920 [CM20405,20406], Yokoyama, 1927a [CM24014]

Circe tokudai: Yokoyama, 1932a [CM26147-26201]

Cenozoic Bivalvia (continued)

Circe yokoyamai: Taki and Oyama, 1954 [CM20405,20406], Oyama, 1973 [CM20405, 20406]

Clausinella (Placamen) tiara: Taki and Oyama, 1954 [CM20401], Oyama, 1973 [CM20401]

Clavagella japonica: Yokoyama, 1926j [CM23575,23576], Makiyama, 1958 [CM 23575,23576]

Clementia aff. *papyracea*: Tokunaga, 1906 [CM13579,13580]

Clementia (Compsomyax) aff. *subdiaphana*: Otuka, 1934 [CM11978]

Clementia (Compsomyax) iizukai: Makiyama, 1957 [CM22241,22242]

Clementia (Compsomyax) subdiaphana yazawaensis: Otuka, 1934 [CM11981-11989, 12952-12956], Otuka, 1937a [CM13063]

Clementia hanzawai: Oyama, Mizuno and Sakamoto, 1960 [CM22703]

Clementia nakamurai: Otuka, 1938b [CM12699,12700,12716,12717]

Clementia nakamurai kuretiensis: Otuka, 1938b [CM12709]

Clementia? sp.: Otuka, 1943a [CM13195]

Clementia speciosa: Yokoyama, 1923b [CM21788-21790], Yokoyama, 1925a [CM 22245,22246], Yokoyama, 1925d [CM22703,22704], Yokoyama, 1926c [CM22902], Yokoyama, 1926g [CM23458,23459], Yokoyama, 1926h [CM27130], Makiyama, 1957 [CM22246], Makiyama, 1958 [CM22703]

Clementia (s. s.) *nakamurai*: Sugita, 1962 [CM15319]

Clementia? uyemurai: Makiyama, 1959 [CM26350]

Clementia vatheleti: Makiyama, 1957 [CM21788,21789]

Clinocardium ainuanum: Makiyama, 1959 [CM26356-26358]

Clinocardium asagaiense: Makiyama, 1957 [CM22088], Oyama, Mizuno and Sakamoto, 1960 [CM22088]

Clinocardium californiense: Makiyama, 1959 [CM24911]

Clinocardium californiense var.: Taki and Oyama, 1954 [CM20426]

Clinocardium ciliatum: Makiyama, 1958 [CM23212,23213]

Clinocardium (Clinocardium) californiense: Oyama, 1973 [CM20426]

Clinocardium (Fuscocardium) braunsi: Oyama, 1973 [CM20438,21398,21401-21403]

Clinocardium iwatense: Chinzei, 1959 [CM8572-8574,8591]

Clinocardium nuttalli: Makiyama, 1959 [CM26930]

Clinocardium shinjiense aff. *Clinocardium ciliatum*: Makiyama, 1957 [CM24580]

Clinocardium sp.: Chinzei, 1961 [CM8657-8662]

Clinocardium sp.: Chinzei, 1961 [CM8663]

Clinocardium sp.: Chinzei, 1973 [CM8133,8168,8169]

Clinocardium taracaicum: Makiyama, 1959 [CM25698,25699]

Cenozoic Bivalvia (continued)

Codakia bella var. *delicatula*: Yokoyama, 1924a [CM21942,21943,22028]

Codakia divergens: Otuka, 1935b [CM12557,12558,12627]

Coecella chinensis: Oyama, 1973 [CM20351,20352]

Conchocele bisecta: Oyama, 1973 [CM24452]

Coralliophaga coralliophaga: Yokoyama, 1922a [CM21472], Yokoyama, 1924a [CM21949,21950], Yokoyama, 1925c [CM22607], Taki and Oyama, 1954 [CM21949], Oyama, 1973 [CM21949]

Corbicula atrata tokudai: Suzuki, 1941a [CM15171-15200], Suzuki, 1941b [CM 15206-15216,26148,26149], Makiyama, 1959 [CM26148]

Corbicula (Batissa) sitakaraensis: Oyama, Mizuno and Sakamoto, 1960 [CM15249]

Corbicula cf. *strata*: Suzuki, 1941b [CM15205]

Corbicula (Corbicula) iburica: Oyama, Mizuno and Sakamoto, 1960 [CM25827]

Corbicula (Corbicula) japonica: Taki and Oyama, 1954 [CM21463,21464,21468, 21469], Oyama, 1973 [CM21463,21464,21468,21469]

Corbicula (Corbicula) tokudai: Oyama, Mizuno and Sakamoto, 1960 [CM15174, 15189,15190,15194,15197,15200,26148,26149]

Corbicula (Cyrenobatissa) mirabilis: Oyama, Mizuno and Sakamoto, 1960 [CM 15221,15223,15227]

Corbicula hizenensis: Suzuki, 1941c [CM15235-15241]

Corbicula iburica: Yokoyama, 1931a [CM25827], Suzuki, 1941b [CM15217,15218, 25827], Makiyama, 1959 [CM25827]

Corbicula kobelti: Yokoyama, 1922a [CM21468-21471]

Corbicula matusitai: Suzuki, 1941c [CM15242,15243]

Corbicula nakayamana: Suzuki, 1941c [CM15244]

Corbicula sandaiformis: Yokoyama, 1922a [CM21463-21467], Yokoyama, 1927a [CM24091], Yokoyama, 1927b [CM24470]

Corbicula sitakaraensis: Suzuki, 1941d [CM15249]

Corbicula sp.: Yokoyama, 1932a [CM26258,26259]

Corbicula sp.: Otuka, 1935b [CM12545]

Corbula erythrodon: Yokoyama, 1922a [CM21162-21164,21168], Yokoyama, 1926g [CM23443], Yokoyama, 1929a [CM25547]

Corbula frequens: Yokoyama, 1922a [CM21170-21174]

Corbula iburica: Yokoyama, 1932a [CM26100]

Corbula peregrina: Yokoyama, 1923d [CM24635-24646], Yokoyama, 1926h [CM 23535]

Corbula pumpellyi: Yokoyama, 1932a [CM26101]

Corbula pustulosa: Yokoyama, 1922a [CM21175-21177], Yokoyama, 1927a [CM 23917,23918]

Cenozoic Bivalvia (continued)

Corbula pygmaea: Yokoyama, 1922a [CM21181-21185]

Corbula sematensis: Yokoyama, 1922a [CM21178-21180]

Corbula sp.: Yokoyama, 1930a [CM25601,25602]

Corbula substriata: Yokoyama, 1922a [CM21186]

Corbula succincta: Yokoyama, 1923d [CM24649-24660], Yokoyama, 1928b [CM 25347]

Corbula tanabensis: Yokoyama, 1923d [CM24647]

Corbula tsukaharai: Yokoyama, 1923d [CM24648], Makiyama, 1957 [CM24648]

Corbula venusta: Tokunaga, 1906 [CM13534,13535], Yokoyama, 1920 [CM20339-20347], Yokoyama, 1922a [CM21165-21169], Yokoyama, 1925c [CM22578], Yokoyama, 1926f [CM23198], Yokoyama, 1926i [CM27152], Yokoyama, 1926j [CM 27203], Yokoyama, 1927a [CM23198], Yokoyama, 1927b [CM24360,24361]

Corculum (Fragum) ebaranum: Otuka, 1935b [CM12573,12628]

"Crassatella" cf. *pauxilla*: Iwasaki, 1970 [CM8999,9000]

Crassatella (Crassatella) nanus: Taki and Oyama, 1954 [CM21461]

Crassatella (Crassatina) oblongata: Oyama, 1973 [CM20497,20498]

Crassatella (Eucrassatella) nana: Oyama, 1973 [CM20493,20494,21461,24088]

Crassatella fusca: Yokoyama, 1911b [CM20009-20015]

Crassatella heteroglypta: Yokoyama, 1920 [CM20493-20496], Yokoyama, 1922a [CM21462], Yokoyama, 1926g [CM23488], Yokoyama, 1928a [CM25220]

Crassatella nana: Yokoyama, 1922a [CM21461], Yokoyama, 1927a [CM24088,24089]

Crassatella oblongata: Yokoyama, 1920 [CM20497-20500], Yokoyama, 1922a [CM 21460], Yokoyama, 1926j [CM27227], Yokoyama, 1927a [CM24090]

Crassatella pauxilla: Yokoyama, 1925d [CM22739-22745], Yokoyama, 1926g [CM 23487]

Crassatella sp.: Iwasaki and Ono, 1977 [CM8478]

Crassatella uchidana: Yokoyama, 1926g [CM23490]

Crassatellites (Crassatellites) nanus: Taki and Oyama, 1954 [CM20493,20494, 24088]

Crassatellites (Crassatina) oblongata: Taki and Oyama, 1954 [CM20497,20498]

Crassatellites (Crassatina) pauxillus: Oyama, Mizuno and Sakamoto, 1960 [CM22706,22739,22742]

Crassatellites (Eucrassatella?) elongatus: Mizuno, 1952 [CM15274]

Crassatellites (Eucrassatella?) iesakai: Mizuno, 1952 [CM15269-15273]

Crassatellites (Eucrassatella) inconspicuus: Oyama, Mizuno and Sakamoto, 1960 [CM15269-15272,15274]

Crassatellites (Eucrassatella) nipponensis: Oyama, Mizuno and Sakamoto, 1960 [CM20009-20011]

Cenozoic Bivalvia (continued)

Crassatellites heteroglyptus: Yokoyama, 1932a [CM26255-26257], Otuka, 1932 [CM10599], Otuka, 1937a [CM25551]

Crassatellites nanus: Otuka, 1935b [CM12535]

Crassatellites nipponensis: Makiyama, 1957 [CM20009-20014]

Crassatellites oblongatus: Makiyama, 1958 [CM23489]

Crassatellites pauxillus: Makiyama, 1958 [CM22739-22742

Crassatellites sp.: Yokoyama, 1930a [CM25624-25629]

Crassatellites? sp.: Yokoyama, 1930c [CM25717]

Crassatina (Chattonia) sp.: Iwasaki and Ono, 1977 [CM8477]

Crassostrea gigas: Oyama, 1973 [CM20591,20595,20597]

Crassostrea mundana: Oyama, Mizuno and Sakamoto, 1960 [CM22105]

Crenella cfr. *tomiyaensis*: 1943b [CM13227]

Crenella delicatula: Yokoyama, 1926f [CM23249], Makiyama, 1958 [CM23249]

Crenella divaricata: Yokoyama, 1922a [CM21519-21521], Yokoyama, 1927a [CM 24108-24110]

Crenella fornicata: Yokoyama, 1926c [CM22919,22920]

Crenella parvula: Yokoyama, 1926f [CM23250,23251]

Crenella peramoena: Yokoyama, 1926d [CM23001-23003], Makiyama, 1958 [CM 23001-23003]

Crenella pervula: Makiyama, 1958 [CM23250]

Crenella spectabilis: Yokoyama, 1927a [CM24111,24112], Yokoyama, 1927b [CM 24476], Yokoyama, 1928b [CM25379]

Crenella yokoyamai: Taki and Oyama, 1954 [CM21519,21520], Oyama, 1973 [CM 21519,21520]

Cryptomya busoensis: Yokoyama, 1922a [CM21187-21191], Yokoyama, 1926i [CM 27156], Yokoyama, 1927a [CM23921-23923], Yokoyama, 1927b [CM24364,24365], Yokoyama, 1927c [CM24880], Otuka, 1935b [CM12614]

Cryptomya bussoensis: Otuka, 1934 [CM12035]

Cryptomya (Cryptomya) busoensis: Taki and Oyama, 1954 [CM21187,21188], Oyama, 1973 [CM21187]

Cryptomya tachibanensis: Yokoyama, 1927b [CM24366,24367]

Cryptomya (Venatomya) tachibanensis: Taki and Oyama, 1954 [CM24367]

Cryptomya (Venatomya) truncata: Oyama, 1973 [CM24367]

Cryptodon cfr. *flexuosus*: Tokunaga, 1906 [CM13595]

Ctena delicatula: Taki and Oyama, 1954 [CM21942]

Ctenoides lischkei: Taki and Oyama, 1954 [CM21957], Oyama, 1973 [CM21957]

Cucullaea concamerata: Yokoyama, 1926g [CM23519]

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Cucullaea granulosa: Makiyama, 1958 [CM23519]

Cucullaea longissima: Yokoyama, 1925c [CM22645]

Cucullaea ponderosa: Yokoyama, 1925e [CM24679]

Cucullaria orientalis: Yokoyama, 1922a [CM21634-21636]

Cultellus izumoensis: Yokoyama, 1923c [CM24561-24564], Yokoyama, 1925a [CM 22208-22213], Yokoyama, 1926b [CM22790], Yokoyama, 1926c [CM22880-22883], Yokoyama, 1930a [CM25604], Yokoyama, 1932a [CM26110], Otuka, 1934 [CM 12024-12026,12122,12123], Otuka, 1936c [CM12809,12826], Otuka, 1941b [CM 12682], Otuka, 1943a [CM13197], Otuka, 1943b [CM13246]

Cuneopsis heudei nihowanensis: Otuka, 1942 [CM13177-13179]

Cuneopsis maximus: Otuka, 1940a [CM13161]

Cuspidaria (Cardiomya) gouldiana: Yokoyama, 1927a [CM24096]

Cuspidaria (Cardiomya) gouldiana septentrionalis: Taki and Oyama, 1954 [CM 24096]

Cuspidaria ligula: Yokoyama, 1922a [CM21479-21481], Yokoyama, 1927c [CM 24931]

Cuspidaria (Plectodon) ligula: Taki and Oyama, 1954 [CM21479,21480], Oyama, 1973 [CM21479,21480]

Cyathodonta (Eximiothracia) concinna: Taki and Oyama, 1954 [CM21498], Oyama, 1973 [CM21498]

Cycladicama cumingi: Oyama, 1973 [CM21428]

Cycladicama lunaris: Oyama, 1973 [CM24069,24070]

Cycladicama semiasperoides: Oyama, 1973 [CM20444,20445]

Cyclina chinensis: Tokunaga, 1906 [CM13578], Yokoyama, 1920 [CM20388-20390], Yokoyama, 1922a [CM21327,21328], Yokoyama, 1925a [CM22236], Yokoyama, 1926c [CM22896-22898], Yokoyama, 1927a [CM23993], Yokoyama, 1927b [CM 24412,24413], Yokoyama, 1932a [CM26124,26125]

Cyclina obtusa: Tokunaga, 1906 [CM13519]

Cyclina orientalis: Taki and Oyama, 1954 [CM20388,20389], Oyama, 1973 [CM 20388,20389]

Cyclina? shirokiana: Yokoyama, 1932a [CM26126], Makiyama, 1959 [CM26126], Oyama, Mizuno and Sakamoto, 1960 [CM26126]

Cyclina sinensis: Otuka, 1938c [CM12735,12736], Makiyama, 1958 [CM22891]

Cyclocardia laxata: Makiyama, 1957 [CM22094,22393,22395]

Cyclocardia orbica: Makiyama, 1957 [CM22404]

Cyclocardia pacifica: Makiyama, 1957 [CM22093,22399]

Cyclocardia siogamensis: Makiyama, 1957 [CM22401,22402]

Cyclocardia tokunagai: Makiyama, 1958 [CM22911,22912], Makiyama, 1959 [CM 26936]

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Cyrena sp.: Yokoyama, 1932a [CM26262,26263]

Cyrena verecunda: Yokoyama, 1932a [CM26260,26261], Makiyama, 1959 [CM26260, 26261]

Cyrtopleura japonica: Taki and Oyama, 1954 [CM20337,20338]

Cytherea chinensis: Tokunaga, 1906 [CM13574]

Cytherea meretrix: Tokunaga, 1906 [CM13575]

Cytherea tigrina: Yokoyama, 1911c [CM22009]

Decatopecten (Decatopecten) striatus: Taki and Oyama, 1954 [CM21555,21968]

Decatopecten sp.: Oyama, Mizuno and Sakamoto, 1960 [CM22750]

Decatopecten striatus: Oyama, 1973 [CM21555,21968]

Dinocardium braunsi: Taki and Oyama, 1954 [CM20438,21398,21401-21403]

Diplodonta(?) crassidentata: Yokoyama, 1927b [CM24458]

Diplodonta (Diplodonta) gouldi: Taki and Oyama, 1954 [CM20449], Oyama, 1973 [CM20449]

Diplodonta (Felaniella) usta: Taki and Oyama, 1954 [CM20439-20441,21419], Oyama, 1973 [CM20439-20441,21419]

Diplodonta gouldi: Yokoyama, 1920 [CM20449,20450], Yokoyama, 1926j [CM27221], Yokoyama, 1927b [CM24456]

Diplodonta japonica: Yokoyama, 1920 [CM20448], Yokoyama, 1922a [CM21425-21427], Yokoyama, 1924a [CM21939,22026], Yokoyama, 1926g [CM23477], Yokoyama, 1927b [CM24455], Otuka, 1932 [CM10601]

Diplodonta(?) kobayashii: Yokoyama, 1928a [CM25197-25211]

Diplodonta lunaris: Yokoyama, 1927a [CM24068-24071], Yokoyama, 1927b [CM 24457]

Diplodonta (Phlyctiderma) japonica: Taki and Oyama, 1954 [CM20448], Oyama, 1973 [CM20448]

Diplodonta semiaspera: Yokoyama, 1920 [CM20444-20447], Yokoyama, 1922a [CM 21428-21432], Yokoyama, 1923a [CM21694], Yokoyama, 1924a [CM21938], Yokoyama, 1925a [CM22262,22263], Yokoyama, 1927a [CM24066,24067], Yokoyama, 1927b [CM24454], Yokoyama, 1931a [CM25816]

Diplodonta sp.: Yokoyama, 1923b [CM21794]

Diplodonta tokunagai: Yokoyama, 1925d [CM22728,22729], Makiyama, 1958 [CM 22728,22729]

Diplodonta tunaris: Otuka, 1932 [CM10602]

Diplodonta turgidula: Makiyama, 1959 [CM25831]

Diplodonta(?) turgidula: Yokoyama, 1931a [CM25831,25832]

Diplodonta usta: Yokoyama, 1920 [CM20439-20443], Yokoyama, 1922a [CM21419-21424], Yokoyama, 1925b [CM22518,22519], Yokoyama, 1925c [CM22603], Yokoyama, 1926c [CM22906-22909], Yokoyama, 1926j [CM27219,27220,27256], Yoko-

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yama, 1927a [CM24064,24065], Yokoyama, 1927c [CM24919-24921], Yokoyama, 1928b [CM25368], Yokoyama, 1930a [CM25621], Yokoyama, 1930c [CM25710], Yokoyama, 1931b [CM25969], Yokoyama, 1932a [CM26245]

Donax (Chion) kiusiuensis: Taki and Oyama, 1954 [CM24383]

Donax (Chion) semigranosus: Oyama, 1973 [CM21259,21260]

Donax introradiatus: Yokoyama, 1922a [CM21259,21260]

Donax (Latona) cuneatus: Taki and Oyama, 1954 [CM21259,21260]

Donax paululus: Yokoyama, 1927b [CM24383]

Donax semigranosus: Yokoyama, 1927a [CM23956]

Donax (Tendidonax) kiusiuensis: Oyama, 1973 [CM24383]

Dosinia aff. *nagaii*: Otuka, 1937a [CM25548]

Dosinia anguloides: Makiyama, 1957 [CM22502,22504]

Dosinia angulosa: Yokoyama, 1925b [CM22500-22505], Yokoyama, 1925c [CM22590, 22591], Yokoyama, 1925d [CM22700,22701], Yokoyama, 1926d [CM22993], Yokoyama, 1926i [CM27162,27163], Yokoyama, 1927a [CM23992], Yokoyama, 1927b [CM24409-24411], Yokoyama, 1927c [CM24898], Yokoyama, 1929a [CM25548], Yokoyama, 1930a [CM25609,25610], Yokoyama, 1931b [CM25964], Yokoyama, 1932a [CM26123]

Dosinia bilunulata: Yokoyama, 1922a [CM21326,21722]

Dosinia cf. *japonica*: Chinzei, 1961 [CM8670-8676]

Dosinia exoleta: Tokunaga, 1906 [CM13576,13577]

Dosinia (Dosinorbis) bilunulata: Taki and Oyama, 1954 [CM21326,21722], Oyama, 1973 [CM21326,21722]

Dosinia japonica: Otuka, 1932 [CM10603], Otuka, 1934 [CM12005,12007], Otuka, 1935b [CM12585,12586], Chinzei, 1973 [CM8228-8233]

Dosinia japonica nomurai: Otuka, 1934 [CM11995,11997-12002,12030,12031, 12960-12969], Otuka, 1937a [CM13062]

Dosinia kaneharai: Yokoyama, 1926b [CM22796-22802,24694-24735]

Dosinia (Kaneharaia) kaneharai: Otuka, 1936c [CM12825,13038], Makiyama, 1958 [CM22796-22801], Chinzei, 1961 [CM8677-8683], Iwasaki, 1970 [CM8898 -8941,8959,8987-8989]

Dosinia (Kaneharaia) kaneharai var.: Otuka, 1936c [CM12824]

Dosinia kaneharai siobarensis: Otuka, 1943a [CM22801]

Dosinia matumotoi: Otuka, 1938b [CM12697]

Dosinia nagaii: Otuka, 1934 [CM11996,12006]

Dosinia nomurai: Otuka, 1943a [CM13220]

Dosinia (Phacosoma) japonica: Iwasaki, 1970 [CM8942-8950,8952-8958,8984-8986], Oyama, 1973 [CM20386]

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Dosinia (Phacosoma) nomurai: Makiyama, 1958 [CM22794]

Dosinia (Phacosoma) n. sp.: Taki and Oyama, 1954 [CM20385,20386]

Dosinia (Phacosoma) sericea: Oyama, 1973 [CM20385]

Dosinia sp.: Yokoyama, 1923a [CM21690]

Dosinia sp.: Yokoyama, 1924b [CM22076]

Dosinia sp.: Yokoyama, 1926g [CM23451]

Dosinia sp.: Otuka, 1934 [CM12003]

Dosinia sp.: Makiyama, 1958 [CM23451]

Dosinia sp.: Chinzei, 1959 [CM8579]

Dosinia suketoensis: Otuka, 1938c [CM12733,12734,12767,12768]

Dosinia troscheli: Yokoyama, 1920 [CM20385-20387,21725], Yokoyama, 1922a [CM21320-21325,21724], Yokoyama, 1923b [CM21786], Yokoyama, 1925a [CM 22232-22235], Yokoyama, 1925b [CM22499,27093-27095], Yokoyama, 1925d [CM 22698,22699], Yokoyama, 1926b [CM22794,22795], Yokoyama, 1926c [CM22892-22895,27096], Yokoyama, 1926d [CM22981], Yokoyama, 1926f [CM23205], Yokoyama, 1926g [CM23450], Yokoyama, 1926i [CM27164], Yokoyama, 1926j [CM 27214], Yokoyama, 1927a [CM23987-23991], Yokoyama, 1927b [CM24408], Yokoyama, 1927c [CM24897], Yokoyama, 1931a [CM25861]

Dysmea oriens: Makiyama, 1958 [CM23553]

Ennucula tenuis: Chinzei, 1973 [CM8136]

Entodesma naviculoides: Yokoyama, 1922a [CM21485], Taki and Oyama, 1954 [CM21485], Oyama, 1973 [CM21485]

Eolepton crassa: Oyama, 1973 [CM24001,24060,24061]

Epicodakia delicatula: Oyama, 1973 [CM21942]

Erodona amurensis: Taki and Oyama, 1954 [CM21170,21171,21175,21178]

Ervilia otsuensis: Yokoyama, 1920 [CM20351,20352]

Erycina crassa: Taki and Oyama, 1954 [CM24001,24060,24061]

Eufistulana grandis: Oyama, 1973 [CM23758-23760]

Ezocallista brevisiphonata: Oyama, 1973 [CM21335]

Fabulina (Fabulina) minuta: Taki and Oyama, 1954 [CM21910], Oyama, 1973 [CM21910]

Fabulina (Fabulina) nitidula: Taki and Oyama, 1954 [CM20364,21281], Oyama, 1973 [CM20364,21281]

Fabulina (Moerella) miyatensis: Taki and Oyama, 1954 [CM20374,21272,21273]

Fabulina (Moerella) paitaihoensis: Taki and Oyama, 1954 [CM24394,24513], Oyama, 1973 [CM24394,24513]

Felaniella sp.: Otuka, 1938b [CM12715]

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Felaniella usta: Iwasaki, 1970 [CM9235-9262], Chinzei, 1973 [CM8083,8225-8227]

Fulvia mutica: Taki and Oyama, 1954 [CM20431,21392], Oyama, 1973 [CM20431, 21392]

Gafrarium (Circe) scriptum stutzeri: Otuka, 1935b [CM12576,12577]

Gafrarium divaricatum: Otuka, 1935b [CM12574,12575]

Galeomma adamsi: Yokoyama, 1924a [CM21934-21936]

Gari cfr. *radiata*: Tokunaga, 1906 [CM13565]

Gari (Gobraeus) kazusensis: Oyama, 1973 [CM21261]

Gari (Psammocola) californica: Taki and Oyama, 1954 [CM21261]

Gastrana yantaiensis: Yokoyama, 1926j [CM23571], Makiyama, 1958 [CM23571]

Glycimeris albolineatus: Yokoyama, 1931b [CM25992]

Glycimeris sp.: Yokoyama, 1930c [CM25731]

Glycimeris sp.: Yokoyama, 1931a [CM25840,25863]

Glycimeris sp.: Yokoyama, 1932a [CM26306]

Glycimeris yessoensis: Yokoyama, 1931b [CM25993,25994]

Glycymeris cf. *yessoensis*: Chinzei, 1961 [CM8643,8644]

Glycymeris chitanii: Yokoyama, 1929b [CM26944], Makiyama, 1959 [CM26944]

Glycymeris cisshuensis: Makiyama, 1958 [CM22833], Iwasaki, 1970 [CM8851-8862,8869,8870]

Glycymeris derelicta: Chinzei, 1959 [CM8558-8565]

Glycymeris derelictus: Makiyama, 1959 [CM25394]

Glycymeris (Glycymeris) nipponica: Taki and Oyama, 1954 [CM20625-20629], Oyama, 1973 [CM20625-20629]

Glycymeris (Glycymeris) rotunda forma *yamakawai*: Taki and Oyama, 1954 [CM 21631,21632], Oyama, 1973 [CM21631,21632]

Glycymeris (Glycymeris) vestita: Taki and Oyama, 1954 [CM21610-21612,21614 -21616], Oyama, 1973 [CM20619,20620,21610-21612,21614,21615]

Glycymeris (Glycymeris) yessoensis: Taki and Oyama, 1954 [CM20635,20636, 21621,21622], Oyama, 1973 [CM20635,20636,21621,21622]

Glycymeris k-suzukii: Oinomikado, 1938 [CM15260]

Glycymeris minochiensis: Makiyama, 1958 [CM22652]

Glycymeris rotunda: Otuka, 1935b [CM12484]

Glycymeris (Tucetilla) pilsbryi: Taki and Oyama, 1954 [CM20639,21628,21629], Oyama, 1973 [CM20639,21628,21629]

Glycymeris vestita: Otuka, 1932 [CM10604]

Glycymeris vestita var.: Taki and Oyama, 1954 [CM20619,20620]

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Glycymeris vestitoides: Otuka, 1940b [CM12657,12672,12674], Otuka, 1943a [CM13214]

Glycymeris vestitus subsp.: Otuka, 1937a [CM25557]

Glycymeris (*vestitus* type): Otuka, 1938b [CM12708]

Glycymeris yamasakii: Makiyama, 1958 [CM22649]

Glycymeris yessoensis: Otuka, 1936a [CM12790], Otuka, 1939a [CM12847], Iwasaki, 1970 [CM8863-8868,8871,8872,8891,8991-8995], Chinzei, 1973 [CM8235-8238]

Gomphina (Gomphina) neastartoides: Taki and Oyama, 1954 [CM21357,21358], Oyama, 1973 [CM21357,21358]

Gomphina (Macridiscus) veneriformis: Taki and Oyama, 1954 [CM24435], Oyama, 1973 [CM24435]

Gomphina melanaegis: Yokoyama, 1927b [CM24435]

Gomphina neastartoides: Otuka, 1932 [CM10605]

Gomphina? sp.: Yokoyama, 1930a [CM25619]

Hawaiarca uwaensis: Makiyama, 1959 [CM25232,25233]

Hiatella awana: Taki and Oyama, 1954 [CM21916]

Hiatella orientalis: Taki and Oyama, 1954 [CM20335,20336,21473,21474,21917], Oyama, 1973 [CM20335,20336,21473,21474,21916,21917]

Hiatula (Hiatula) atrata: Oyama, 1973 [CM21263,21264]

Hiatula (Nuttalia) ezonis: Oyama, 1973 [CM21268,21271]

Hyalopecten tairanus: Makiyama, 1957 [CM22405,22406]

Irus ishibashianus: Taki and Oyama, 1954 [CM20411,21925,21927]

Irus mitis: Taki and Oyama, 1954 [CM20407]

Isognomon (Isognomon) marsupiale: Oyama, 1973 [CM21981,22007]

Isognomon marsupiale: Taki and Oyama, 1954 [CM21981,22007]

Joannisiella? kobayashii: Makiyama, 1959 [CM25197-25199]

Joannisiella lunaris: Taki and Oyama, 1954 [CM24069,24070]

Joannisiella oblonga: Otuka, 1937b [CM13120]

Joannisiella semiasperoides: Taki and Oyama, 1954 [CM20444,20445,21428]

Joannisiella takeyamai: Otuka, 1938c [CM12731,12762-12764]

Jouannetia cumingii: Yokoyama, 1924a [CM21902]

Jouannetia japonica: Yokoyama, 1920 [CM20333,20334]

Jouannetia (Jouannetia) cumingii: Taki and Oyama, 1954 [CM21901], Oyama, 1973 [CM21901]

Jouannetia kamakurensis: Yokoyama, 1922a [CM21154,21155]

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Jouannetia yabei: Yokoyama, 1924a [CM21903,21904]

"Jousseaumiella" arassa: Otuka, 1935b [CM12561]

Kellia fujitaniana: Yokoyama, 1927a [CM24045-24047], Taki and Oyama, 1954 [CM24045,24046]

Kellia laperousii: Yokoyama, 1926j [CM23572]

Kellia(?) ojiana: Yokoyama, 1927a [CM24050-24052]

Kellia pumila: Yokoyama, 1927a [CM24048,24049]

Kellia "pumila": Taki and Oyama, 1954 [CM24048,24049]

Kellia subelliptica: Yokoyama, 1927a [CM24042-24044], Taki and Oyama, 1954 [CM24042,24043]

Kellya notoensis: Otuka, 1935b [CM12559]

Laevicardium shiobarense: Iwasaki, 1970 [CM8962-8982]

Laevicardium taracaicum: Oyama, Mizuno and Sakamoto, 1960 [CM25698,25699]

Lajonkairia divaricata: Taki and Oyama, 1954 [CM21329], Oyama, 1973 [CM 21329]

Lamprotula antiqua: Otuka, 1940a [CM13159,13174,13175]

Lamprotula caveata: Otuka, 1940a [CM13158]

Lamprotula kusabi: Otuka, 1942 [CM13176]

Lamprotula sp.: Otuka, 1940a [CM13160]

Lanceolaria pisciformis: Suzuki, 1941a [CM15170], Suzuki, 1941b [CM15203, 26266], Makiyama, 1959 [CM26266,26267], Oyama, Mizuno and Sakamoto, 1960 [CM15170,26266]

Lasaea striata: Tokunaga, 1906 [CM13598-13600,13753-13772]

Lasaea aff. *suborbicularis*: Tokunaga, 1906 [CM13601]

Leda cf. *sadoensis*: Yokoyama, 1931a [CM25818]

Leda confusa: Tokunaga, 1906 [CM13612,13613], Yokoyama, 1922a [CM21650-21652], Yokoyama, 1923b [CM21802], Yokoyama, 1925a [CM22346-22349], Yokoyama, 1925d [CM22760,22761], Yokoyama, 1926c [CM22932-22937], Yokoyama, 1926d [CM22959], Yokoyama, 1926g [CM23527,23528,27118], Yokoyama, 1927a [CM24163-24165], Yokoyama, 1927b [CM24512], Yokoyama, 1927c [CM24960, 24961], Yokoyama, 1928a [CM25258], Yokoyama, 1929a [CM25558], Yokoyama, 1929b [CM26945], Yokoyama, 1930a [CM25640]

Leda gordonis: Yokoyama, 1920 [CM20683,20684]

Leda inermis: Yokoyama, 1925b [CM22417-22427], Yokoyama, 1926c [CM22938]

Leda naganumana: Yokoyama, 1920 [CM20685], Yokoyama, 1928a [CM25260]

Leda pennula: Yokoyama, 1925b [CM22410-22416]

Leda ramsayi: Yokoyama, 1920 [CM20681,20682], Yokoyama, 1922a [CM21653], Yokoyama, 1927c [CM24962,24963], Yokoyama, 1928a [CM25259], Yokoyama, 1928b [CM25397,25398]

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Leda sadoensis: Yokoyama, 1926f [CM23303,23304]

Leda sp.: Yokoyama, 1925a [CM22350,22351]

Leda sp.: Yokoyama, 1926e [CM23053,23054]

Leda sp.: Yokoyama, 1929b [CM26946]

Leda sp.: Yokoyama, 1932a [CM26313]

Leda yabei: Yokoyama, 1924b [CM22109,22110, 27085], Yokoyama, 1931b [CM 25995]

Leptaxinus rotundatus: Makiyama, 1958 [CM23573,23574]

Lepton puncticulatum: Yokoyama, 1924a [CM21937]

Lima (Acesta) aff. *goliath*: Makiyama, 1959 [CM24989]

Lima (Acesta) amaxensis: Oyama, 1943 [CM20031], Oyama, Mizuno and Sakamoto, 1960 [CM20031]

Lima (Acesta) goliath: Taki and Oyama, 1954 [CM20528,20529]

Lima (Acesta) goliath yagenensis: Otuka, 1939a [CM12831]

Lima (Acesta) nagaoi: Oyama, Mizuno and Sakamoto, 1960 [CM24989]

Lima (Acesta) nishiyamai: Oyama, 1943 [CM20005], Oyama, Mizuno and Sakamoto, 1960 [CM20005]

Lima (Acesta) yagenensis: Oyama, 1943 [CM22747], Makiyama, 1958 [CM22747], Oyama, Mizuno and Sakamoto, 1960 [CM22747]

Lima aff. *japonica*: Tokunaga, 1906 [CM13637]

Lima amaxensis: Yokoyama, 1911b [CM20031], Makiyama, 1957 [CM20031]

Lima angulata: Yokoyama, 1920 [CM20534], Yokoyama, 1922a [CM21535-21538], Yokoyama, 1925a [CM22302], Yokoyama, 1927a [CM24117,24118], Yokoyama, 1927b [CM24480]

Lima basilanica: Otuka, 1935b [CM12533,13020]

Lima dunkeri: Yokoyama, 1924a [CM21957,21958]

Lima goliath: Yokoyama, 1920 [CM20528-20531], Yokoyama, 1925a [CM22304-22306], Yokoyama, 1925b [CM22530], Yokoyama, 1925d [CM22747,22748], Yokoyama, 1926c [CM22921], Yokoyama, 1927d [CM24989-24997], Makiyama, 1957 [CM22304,22306]

Lima hakodatensis: Tokunaga, 1906 [CM13683]

Lima japonica: Yokoyama, 1920 [CM20535,20536], Yokoyama, 1926f [CM23256, 23257]

Lima konnoi: Otuka, 1938b [CM12694]

Lima lima: Yokoyama, 1924a [CM21959,21960,22032], Yokoyama, 1925a [CM22301]

Lima (Lima) konnoi: Oyama, 1943 [CM12694]

Lima (Lima) quantoensis: Oyama, 1943 [CM20539], Taki and Oyama, 1954 [CM 20539]

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Lima (Lima) sowerbyi sowerbyi: Taki and Oyama, 1954 [CM21959]

Lima (Lima) vulgatula: Oyama, 1943 [CM21545], Taki and Oyama, 1954 [CM21544, 21545]

Lima (Lima) yumotoensis: Oyama, 1943 [CM22101], Oyama, Mizuno and Sakamoto, 1960 [CM22101]

Lima (Lima) zushiensis: Oyama, 1943 [CM20532], Taki and Oyama, 1954 [CM 20532]

Lima lischkei: Otuka, 1935b [CM12531,12532]

Lima orientalis: Otuka, 1932 [CM10606]

Lima (Plicacesta) sameshimai: Iwasaki and Ono, 1977 [CM8464-8467]

Lima (Promantellum) hakodatensis: Taki and Oyama, 1954 [CM20534]

Lima quantoensis: Yokoyama, 1920 [CM20539,20540], Yokoyama, 1922a [CM21543], Oyama, 1973 [CM20539]

Limaria hakodatensis: Oyama, 1973 [CM20534]

Lima sowerbyi: Oyama, 1973 [CM21959]

Lima sp.: Yokoyama, 1925d [CM22749]

Lima sp.: Yokoyama, 1926j [CM27284]

Lima sp.: Yokoyama, 1932a [CM26293]

Lima sp.: Otuka, 1936c [CM13047]

Lima sp.: Makiyama, 1958 [CM22749]

Lima subauriculata: Yokoyama, 1920 [CM20537,20538], Yokoyama, 1922a [CM 21539-21542], Yokoyama, 1927a [CM24119,24120]

Limatula kurodai: Chinzei, 1973 [CM8124,8131]

Limatula (Limatula) kurodai: Taki and Oyama, 1954 [CM20537], Oyama, 1973 [CM20537]

Limatula (Stabilima) japonica: Taki and Oyama, 1954 [CM20535], Oyama, 1973 [CM20535]

Limatula subauriculata: Otuka, 1932 [CM10607], Otuka, 1935b [CM12534]

Lima vulgatula: Yokoyama, 1922a [CM21544-21546], Yokoyama, 1925a [CM22303], Yokoyama, 1926f [CM23258], Oyama, 1973 [CM21544,21545]

Lima yumotoensis: Yokoyama, 1924b [CM22101], Makiyama, 1957 [CM22101]

Lima zushiensis: Yokoyama, 1920 [CM20532,20533], Oyama, 1973 [CM20532]

Limopsis adamsiana: Yokoyama, 1920 [CM20678-20680], Yokoyama, 1922a [CM 21642]

Limopsis areolata: Yokoyama, 1922a [CM21643-21645], Yokoyama, 1926h [CM 27135], Yokoyama, 1927c [CM24959]

Limopsis auritoides: Yokoyama, 1920 [CM20649-20651]

Cenozoic Bivalvia (continued)

Limopsis azumana: Yokoyama, 1920 [CM20649-20651,20676,20677,24544-24546], Yokoyama, 1922a [CM21640,21641], Yokoyama, 1925a [CM22345], Yokoyama, 1926f [CM23302]

Limopsis Azumana: Yokoyama, 1910b [CM24526,26402,26403]

Limopsis chitaniana: Yokoyama, 1926g [CM23524-23526], Yokoyama, 1928a [CM 25257], Makiyama, 1958 [CM23524,23525]

Limopsis chitaniana var.: Otuka, 1949 [CM13273]

Limopsis crenata: Yokoyama, 1910b [CM26397-26400], Yokoyama, 1920 [CM20665 -20675], Yokoyama, 1922a [CM21639], Yokoyama, 1926f [CM23301], Yokoyama, 1926g [CM23520-23523], Yokoyama, 1926j [CM27242], Yokoyama, 1927c [CM 24956-24958], Yokoyama, 1928a [CM25250,25251]

Limopsis (Crenulilimopsis) crenata: Oyama, 1973 [CM20665,20666]

Limopsis (Empleconia) cf. *cumingi*: Chinzei, 1961 [CM8632]

Limopsis (Empleconia) cumingii: Taki and Oyama, 1954 [CM21643,21644], Oyama, 1973 [CM21643,21644]

Limopsis (Limopsis) adamsiana: Taki and Oyama, 1954 [CM20678,20679]

Limopsis (Limopsis?) adamsiana: Oyama, 1973 [CM20678,20679]

Limopsis (Limopsis) auritoides: Taki and Oyama, 1954 [CM20649,20650], Oyama, 1973 [CM20649,20650]

Limopsis (Limopsis) tokaiensis: Taki and Oyama, 1954 [CM20652-20654], Oyama, 1973 [CM20652-20654]

Limopsis multistriata: Otuka, 1935b [CM12631,12640]

Limopsis nipponica: Yokoyama, 1922a [CM21646-21649]

Limopsis (Nipponolimopsis) azumana: Taki and Oyama, 1954 [CM24544-24546], Oyama, 1973 [CM24544-24546]

Limopsis (Nipponolimopsis) nipponica: Taki and Oyama, 1954 [CM21646,21647], Oyama, 1973 [CM21646,21647]

Limopsis (Oblimopa) forskalii: Taki and Oyama, 1954 [CM21637], Oyama, 1973 [CM21637]

Limopsis (Pectunculina) crenata: Taki and Oyama, 1954 [CM20665,20666]

Limopsis sp.: Yokoyama, 1910b [CM20679]

Limopsis tajimae: Okutani, 1968 [CM15389]

Limopsis tokaiensis: Yokoyama, 1920 [CM20652-20664], Yokoyama, 1926f [CM 23298-23300], Yokoyama, 1926j [CM27268,27269], Yokoyama, 1928a [CM25252-25256], Yokoyama, 1928b [CM25395,25396], Otuka, 1935b [CM12483], Otuka, 1936a [CM13032], Chinzei, 1973 [CM8087,8129,8130,8257-8260]

Limopsis Tokaiensis: Yokoyama, 1910b [CM20652,24523-24525,26394,26395]

Limopsis Tokaiensis var. *elongata*: Yokoyama, 1910b [CM26396]

Limopsis truncata: Yokoyama, 1910b [CM26404,26405]

Cenozoic Bivalvia (continued)

Limopsis woodwardi: Tokunaga, 1906 [CM13633], Yokoyama, 1922a [CM21637, 21638], Yokoyama, 1924a [CM21999], Yokoyama, 1926h [CM27134], Yokoyama, 1926j [CM27134], Yokoyama, 1927a [CM24160-24162], Yokoyama, 1927b [CM 24511], Yokoyama, 1927c [CM24955], Yokoyama, 1928a [CM25249], Otuka, 1932 [CM10608]

Liocyma fluctuosa: Makiyama, 1959 [CM26922-26925]

Liocyma furtiva: Makiyama, 1957 [CM22079], Oyama, Mizuno and Sakamoto, 1960 [CM22079]

Liocyma hokkaidoensis: Makiyama, 1959 [CM25686]

Liocyma terrena: Makiyama, 1957 [CM22080], Oyama, Mizuno and Sakamoto, 1960 [CM22080]

Lithophaga (Labis) erimitica: Oyama, 1973 [CM21517]

Lithophaga (Leiosolenus) lima: Taki and Oyama, 1954 [CM21954], Oyama, 1973 [CM21954]

Lithophaga nasuta: Yokoyama, 1924a [CM21954,21955]

Lithophaga sp.: Taki and Oyama, 1954 [CM21517]

Lithophaga zitteliana: Yokoyama, 1922a [CM21517,21518], Yokoyama, 1926i [CM27172]

Lopha (Dendostraea) crenulifera: Taki and Oyama, 1954 [CM21976-21979]

Lopha (Dendostraea) folium: Taki and Oyama, 1954 [CM21972,21973]

Loripes philippiana: Yokoyama, 1927a [CM24080-24082], Yokoyama, 1927b [CM 24467]

Lucina acutilineata: Otuka, 1934 [CM11945,11946], Otuka, 1936c [CM12807]

Lucina borealis: Tokunaga, 1906 [CM13593,13594], Yokoyama, 1920 [CM20454-20456], Yokoyama, 1922a [CM21436-21438,21673], Yokoyama, 1923a [CM21695], Yokoyama, 1923d [CM24665], Yokoyama, 1928a [CM25212-24215], Yokoyama, 1928b [CM25369,25370], Yokoyama, 1930c [CM25711,25712]

Lucina cf. *stearnsiana*: Sugita, 1962 [CM15315-15318]

Lucina contraria: Yokoyama, 1920 [CM20457-20459], Yokoyama, 1922a [CM21439-21442], Yokoyama, 1924a [CM21940,22027], Yokoyama, 1927a [CM24076-24078], Yokoyama, 1927b [CM24459-24461]

"Lucina" contraria: Otuka, 1935b [CM12553]

Lucina izirii: Otuka, 1943b [CM13234]

Lucina kamenooensis: Otuka, 1943a [CM13192,13205,13209]

Lucina k-hataii: Otuka, 1934 [CM11952,11953,12922-12935]

Lucina (Lucina) stearnsiana: Taki and Oyama, 1954 [CM24080,24081]

Lucina (Lucinisca) yokoyamai: Otuka, 1938c [CM12726,12727]

Lucina (Lucinoma) acutilineata: Otuka, 1935b [CM12550]

Lucina (Miltha) k-hataii: Otuka, 1938c [CM12728,12729]

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Lucina (Phacoides) borealis: Yokoyama, 1925a [CM22264-22267,22269-22278], Yokoyama, 1925b [CM22380-22383,22520-22527], Yokoyama, 1925c [CM22604-22606], Yokoyama, 1925d [CM22723-22727], Yokoyama, 1926b [CM22813,22814], Yokoyama, 1926c [CM22910], Yokoyama, 1926d [CM22965,22978,22987,22996], Yokoyama, 1926f [CM23222], Yokoyama, 1926g [CM23478], Yokoyama, 1926j [CM27222,27277], Yokoyama, 1927a [CM24072-24075], Yokoyama, 1927c [CM 24922], Yokoyama, 1927d [CM24983]

Lucina (Phacoides) sp.: Yokoyama, 1925b [CM22384-22392], Makiyama, 1957 [CM22386,22388,22389,22392]

Lucina (Phacoides) sp.: Yokoyama, 1926e [CM23040]

Lucina pisidium: Yokoyama, 1920 [CM20451-20453,20718], Yokoyama, 1922a [CM 21433-21435], Yokoyama, 1924a [CM21941], Yokoyama, 1926f [CM23221], Yokoyama, 1926i [CM27170], Yokoyama, 1927a [CM24079], Yokoyama, 1927b [CM 24462-24466]

Lucina sp.: Yokoyama, 1929b [CM26937,26938]

Lucina? sp.: Yokoyama, 1930c [CM25713]

Lucina spectabilis: Yokoyama, 1920 [CM20460,20461]

Lucina stearnsiana: Oyama, 1973 [CM24080,24081]

Lucina yamakawai: Yokoyama, 1920 [CM20462]

Lucina yokoyamai: Otuka, 1934 [CM11947-11949,12936-12938]

Lucinoma acutilineatum: Chinzei, 1959 [CM8569-8571]

Lucinoma annulata: Makiyama, 1957 [CM22270,22274-22276,22381,22521,24665], Iwasaki, 1970 [CM9151-9162,9171-9177]

Lucinoma annulatum: Chinzei, 1961 [CM8656]

Lucinoma concentrica: Taki and Oyama, 1954 [CM20454,20491]

Lucinoma concentricum: Oyama, 1973 [CM20454,20491]

Lucinoma spectabile: Oyama, 1973 [CM20460,20461]

Lucinoma spectabilis: Taki and Oyama, 1954 [CM20460,20461]

Lucinopsis divaricata: Yokoyama, 1922a [CM21329], Yokoyama, 1927a [CM23994]

Lutraria arcuata: Otuka, 1935b [CM12595]

Lutraria maxima: Yokoyama, 1922a [CM21240-21244], Taki and Oyama, 1954 [CM 21240,21241], Oyama, 1973 [CM21240, 21241]

Lutraria ovalis: Tokunaga, 1906 [CM13545-13547]

Lutraria radiata: Yokoyama, 1920 [CM20355-20357]

"Lutraria" radiata: Otuka, 1932 [CM10609]

Lutraria sieboldi: Taki and Oyama, 1954 [CM20355,23944,23945], Oyama, 1973 [CM20355,23944,23945]

Lutraria sieboldtii: Yokoyama, 1927a [CM23944-23946]

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Lymnium sp.: Makiyama, 1959 [CM26273]

Lyonsia praetenuis: Yokoyama, 1922a [CM21482-21484], Taki and Oyama, 1954 [CM21482,21483], Oyama, 1973 [CM21482,21483]

Lyonsiella (Simplicicordia) trigonata: Oyama, 1973 [CM21417,21418]

Macha divaricata: Tokunaga, 1906 [CM13530]

Macoma aff. *optiva*: Otuka, 1943b [CM13242]

Macoma calcarea: Chinzei, 1959 [CM8576-8578], Chinzei, 1973 [CM8081,8118-8120,8244,8246,8247]

Macoma cf. *praetexta*: Yokoyama, 1927e [CM26343]

Macoma cf. *tokyoensis*: Chinzei, 1961 [CM8740,8741]

Macoma dissimilis: Yokoyama, 1920 [CM20375-20377], Yokoyama, 1922a [CM21314-21316], Yokoyama, 1925a [CM22227-22231], Yokoyama, 1925b [CM22373-22375], Yokoyama, 1926b [CM22791,22792,24742,24743], Yokoyama, 1926c [CM22889-22891], Yokoyama, 1926d [CM22992,22995], Yokoyama, 1926e [CM23032], Yokoyama, 1926i [CM27161], Yokoyama, 1927a [CM23982-23984], Yokoyama, 1927b [CM24401-24404], Yokoyama, 1927c [CM24892-24894], Yokoyama, 1927e [CM 26342], Yokoyama, 1929b [CM26917,26918], Yokoyama, 1930c [CM25678-25680], Yokoyama, 1931a [CM25759,25760,25791,25867], Yokoyama, 1931b [CM25958, 25959], Yokoyama, 1932a [CM26114]

Macoma edentula: Yokoyama, 1931a [CM25761]

Macoma incongrua: Iwasaki, 1970 [CM9263-9272], Oyama, 1973 [CM20375,20376, 20378,20379]

Macoma inquinata: Yokoyama, 1920 [CM20378-20380], Yokoyama, 1922a [CM21313], Yokoyama, 1923d [CM24661], Yokoyama, 1924a [CM21915,22021], Yokoyama, 1924b [CM22071,27055-27058], Yokoyama, 1925b [CM22498], Yokoyama, 1926e [CM23033], Yokoyama, 1926f [CM23204], Yokoyama, 1926j [CM27212], Yokoyama, 1928b [CM25355], Yokoyama, 1930a [CM25606], Yokoyama, 1930c [CM 25681,25682], Yokoyama, 1931a [CM25746], Yokoyama, 1931b [CM25960]

Macoma izirii: Otuka, 1943b [CM13238-13240]

Macoma izurensis: Makiyama, 1957 [CM22224]

Macoma (Macoma) incongrua: Taki and Oyama, 1954 [CM20375,20376,20378,20379]

Macoma (Macoma) praetexta: Taki and Oyama, 1954 [CM21304,21305]

Macoma (Macoma) tokyoensis: Taki and Oyama, 1954 [CM21314]

Macoma nasuta: Tokunaga, 1906 [CM13566-13568]

Macoma nipponica: Yokoyama, 1920 [CM20381-20384], Yokoyama, 1922a [CM21310-21312], Yokoyama, 1926f [CM23203], Yokoyama, 1926j [CM27211], Yokoyama, 1927a [CM23985,23986], Yokoyama, 1927b [CM24405], Yokoyama, 1927c [CM 24895,24896], Yokoyama, 1930a [CM25608], Yokoyama, 1930c [CM25683,25684], Yokoyama, 1932a [CM26111,26112], Oyama, 1973 [CM20381,20382]

Macoma optiva: Otuka, 1934 [CM12008-12018], Otuka, 1940b [CM12664], Makiyama, 1957 [CM24565,24566], Makiyama, 1958 [CM22695,22696,23030], Maki-

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yama, 1959 [CM26340,26341], Oyama, Mizuno and Sakamoto, 1960 [CM24565, 24566]

Macoma (or *Tellina*) sp.: Yokoyama, 1930c [CM25685]

Macoma praetexta: Yokoyama, 1922a [CM21304-21309], Yokoyama, 1923b [CM21785], Yokoyama, 1924b [CM22070], Yokoyama, 1925a [CM22225,22226], Yokoyama, 1925d [CM22694], Yokoyama, 1926b [CM22793], Yokoyama, 1926d [CM22955], Yokoyama, 1926f [CM23202], Yokoyama, 1926g [CM23449], Yokoyama, 1927a [CM23980,23981], Yokoyama, 1927b [CM24406], Yokoyama, 1928a [CM25186, 25187], Yokoyama, 1928b [CM25354], Yokoyama, 1930a [CM25607], Yokoyama, 1932a [CM26113]

Macoma praetexta oinomikadoi: Otuka, 1939a [CM12835-12838,13154-13156]

Macoma (Psammacoma) awajiensis: Otuka, 1935b [CM12602,12603]

Macoma (Psammacoma) nipponica: Taki and Oyama, 1954 [CM20381,20382]

Macoma (Pseudometis) praerupta: Otuka, 1935b [CM12598]

Macoma (Rexithaerus) secta: Otuka, 1940b [CM12665,12676]

Macoma (Rexithaerus) sectior: Taki and Oyama, 1954 [CM21317]

Macoma secta: Yokoyama, 1922a [CM21317-21319], Yokoyama, 1926j [CM27213], Yokoyama, 1927b [CM24407]

Macoma sejugata: Makiyama, 1957 [CM22073], Oyama, Mizuno and Sakamoto, 1960 [CM22073]

Macoma tokyoensis: Otuka, 1934 [CM12019-12021], Otuka, 1935b [CM12599-12601], Otuka, 1943a [CM13196], Otuka, 1943b [CM13241], Makiyama, 1957 [CM22231, 22373], Makiyama, 1958 [CM22791,22889], Makiyama, 1959 [CM26918], Oyama, 1973 [CM21314], Chinzei, 1973 [CM8162-8167]

Macrocallista brevisiphonata: Yokoyama, 1929b [CM26919-26921], Yokoyama, 1931a [CM25843,25862], Yokoyama, 1932a [CM26127-26130]

Macrocallista pacifica: Otuka, 1932 [CM10611], Otuka, 1934 [CM11990]

Mactra aff. *ovalina*: Yokoyama, 1929b [CM26907]

Mactra crossei: Tokunaga, 1906 [CM13544], Yokoyama, 1923b [CM21783], Yokoyama, 1926g [CM23444], Yokoyama, 1927a [CM23936]

Mactra dunkeri: Yokoyama, 1922a [CM21206-21210], Yokoyama, 1926j [CM27204], Yokoyama, 1927a [CM23934,23935], Yokoyama, 1927b [CM24373]

Mactra fujinensis: Yokoyama, 1923c [CM24557]

Mactra haboroensis: Yokoyama, 1927e [CM26334,26335], Makiyama, 1959 [CM 26334,26335]

Mactra (Mactra) sulcataria: Taki and Oyama, 1954 [CM21192], Oyama, 1973 [CM21192]

Mactra (Mactra) veneriformis: Taki and Oyama, 1954 [CM20353], Oyama, 1973 [CM20353]

Mactra(?) makiyamai: Yokoyama, 1928b [CM25352]

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Mactra ovalina: Yokoyama, 1922a [CM21201-21205], Yokoyama, 1926i [CM27157], Yokoyama, 1927a [CM23932,23933], Yokoyama, 1927b [CM24374]

Mactra sachalinensis: Tokunaga, 1906 [CM13539], Yokoyama, 1927a [CM23930, 23931], Yokoyama, 1929b [CM26903], Yokoyama, 1932a [CM26105,26106]

Mactra sachalinensis var. *imperialis*: Yokoyama, 1922a [CM21211-21215], Yokoyama, 1927b [CM24375], Yokoyama, 1928b [CM25351]

Mactra semmiana: Yokoyama, 1925c [CM22582], Yokoyama, 1926c [CM22877], Yokoyama, 1926e [CM23026], Yokoyama, 1929b [CM26905,26906]

Mactra sp.: Yokoyama, 1923c [CM24558-24560]

Mactra sp.: Yokoyama, 1931a [CM25786]

Mactra? sp.: Otuka, 1934 [CM12032]

Mactra spectabilis: Yokoyama, 1925a [CM22198-22202], Yokoyama, 1926g [CM 23445], Makiyama, 1957 [CM22198,22201]

Mactra sulcataria: Tokunaga, 1906 [CM13542,13543], Yokoyama, 1922a [CM21192-21198], Yokoyama, 1925a [CM22195-22197], Yokoyama, 1925b [CM22493], Yokoyama, 1925c [CM22581], Yokoyama, 1926f [CM23199], Yokoyama, 1927a [CM 23926-23929], Yokoyama, 1927b [CM24368-24372], Yokoyama, 1928b [CM25350], Yokoyama, 1929b [CM26904], Yokoyama, 1930a [CM25603], Yokoyama, 1930c [CM 25667,25668], Yokoyama, 1931a [CM25777,25789], Yokoyama, 1931b [CM25961], Yokoyama, 1932a [CM26102-26104], Otuka, 1932 [CM10612]

Mactra sulcataria carneopticta: Chinzei, 1961 [CM8716]

Mactra veneriformis: Tokunaga, 1906 [CM13540,13541], Yokoyama, 1920 [CM 20353,20354], Yokoyama, 1922a [CM21199,21200], Yokoyama, 1925a [CM22198], Yokoyama, 1927b [CM24518,24519]

Margaritana perdahurica: Yokoyama, 1932a [CM26277-26279]

Margaritifera perdahurica: Suzuki, 1941b [CM26277], Oyama, Mizuno and Sakamoto, 1960 [CM26277]

Martesia cupula: Taki and Oyama, 1954 [CM21898,23909,23910,24356]

Martesia pulchella: Yokoyama, 1932a [CM26095], Makiyama, 1959 [CM26095]

"Martesia" pulchella: Oyama, Mizuno and Sakamoto, 1960 [CM26095]

Martesia striata: Tokunaga, 1906 [CM13525], Otuka, 1935b [CM12619]

Martesia striata cupula: Oyama, 1973 [CM21898,23909,23910,24356]

Martesia striata var. *tokyoensis*: Yokoyama, 1927a [CM23909-23911]

Melliteryx puncticulata: Taki and Oyama, 1954 [CM21937], Oyama, 1973 [CM 21937]

Meotolima ogasawarana: Iwasaki and Aoshima, 1970 [CM8481,8483]

Mercenaria chitaniana: Otuka, 1940b [CM12662,12671,12675], Makiyama, 1958 [CM23470], Makiyama, 1959 [CM26345,26346], Iwasaki, 1970 [CM8883-8890, 8892,8893,8896]

Mercenaria stimpsoni: Yokoyama, 1931b [CM25962,25963], Taki and Oyama, 1954

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[CM21348,21349], Chinzei, 1961 [CM8684-8709], Oyama, 1973 [CM21348,21349], Chinzei, 1973 [CM8084,8170-8175]

Mercenaria yokoyamai: Otuka, 1936a [CM12778,12791], Makiyama, 1957 [CM24568]

Meretrix arugai: Otuka, 1938c [CM12732]

Meretrix (Callista) chinensis: Yokoyama, 1920 [CM20391-20393], Yokoyama, 1922a [CM21335-21340], Yokoyama, 1923a [CM21691], Yokoyama, 1923b [CM 21787], Yokoyama, 1924b [CM22077-22078], Yokoyama, 1925d [CM22702], Yokoyama, 1926c [CM22899-22901], Yokoyama, 1926f [CM23207], Yokoyama, 1926g [CM23454-23457], Yokoyama, 1926h [CM27129], Yokoyama, 1926j [CM27215], Yokoyama, 1927a [CM23996-23999], Yokoyama, 1927b [CM24418-24420], Yokoyama, 1927c [CM24899,24900], Yokoyama, 1927e [CM26344], Makiyama, 1957 [CM22077,22078], Makiyama, 1959 [CM26344]

Meretrix (Callista) limatula: Yokoyama, 1924a [CM21920,21921]

Meretrix gordonis: Yokoyama, 1927a [CM24001-24004]

Meretrix iizukai: Yokoyama, 1925a [CM22237-22244], Yokoyama, 1926g [CM23452]

Meretrix limatula: Yokoyama, 1927a [CM24000]

Meretrix lusoria: Oyama, 1973 [CM21330]

Meretrix (Macrocallista) ezoensis: Yokoyama, 1928a [CM25188,25189], Yokoyama, 1928b [CM25356]

Meretrix meretrix: Yokoyama, 1922a [CM21330-21334], Yokoyama, 1926d [CM 22982], Yokoyama, 1926f [CM23206], Yokoyama, 1927a [CM23995], Yokoyama, 1927b [CM24414-24417], Otuka, 1935b [CM12584]

Meretrix meretrix lusoria: Taki and Oyama, 1954 [CM21330]

Meretrix ōyuana: Yokoyama, 1926g [CM23453], Makiyama, 1958 [CM23453]

Meretrix tauyensis: Yokoyama, 1927c [CM24901-24903]

Meretrix tigrina: Yokoyama, 1924a [CM21918,21919,22022]

Merisca diaphana: Otuka, 1935b [CM12604]

Merisca subtruncata: Taki and Oyama, 1954 [CM20366,20367], Oyama, 1973 [CM 20366,20367]

Merisca tokunagai: Taki and Oyama, 1954 [CM20372], Oyama, 1973 [CM20372]

Microcirce gordonis: Taki and Oyama, 1954 [CM24002], Oyama, 1973 [CM24002]

Miltha annulata: Otuka, 1932 [CM10614]

Miyagipecten matsumoriensis: Chinzei, 1973 [CM8241]

Modiola aff. *japonica*: Tokunaga, 1906 [CM13635]

Modiola barbata: Yokoyama, 1922a [CM21512,21513,21515], Yokoyama, 1924a [CM21953], Yokoyama, 1926c [CM22918], Yokoyama, 1926e [CM23046], Yokoyama, 1926f [CM23248], Yokoyama, 1927a [CM24104-24106]

Modiola modiolus: Tokunaga, 1906 [CM13634], Yokoyama, 1920 [CM20511], Yokoyama, 1923c [CM24585-24587], Yokoyama, 1924b [CM22099-22100], Yokoyama,

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1925c [CM22612-22614], Yokoyama, 1926f [CM23247], Yokoyama, 1928a [CM 25221], Yokoyama, 1930c [CM25720], Yokoyama, 1931a [CM25799,25841], Makiyama, 1957 [CM22099,22100]

Modiolaria? sp.: Yokoyama, 1931a [CM25807]

Modiolaria semigranata: Yokoyama, 1924a [CM21956]

Modiola senhausii: Yokoyama, 1927a [CM24107]

Modiola sp.: Yokoyama, 1925a [CM22300]

Modiolus cf. *barbatus*: Yokoyama, 1932a [CM26289-26292]

Modiolus (Modiolus) comptus: Oyama, 1973 [CM21513]

Modiolus (Modiolus) modiolus difficilis: Oyama, 1973 [CM20511]

Modiolus (Modiolus) nipponicus: Oyama, 1973 [CM21956]

Moerella jedoensis: Otuka, 1938c [CM12742]

Monia egregia: Makiyama, 1958 [CM23476]

Monia macrochisma: Makiyama, 1958 [CM22616,22617,23252,23253], Makiyama, 1959 [CM25721]

Monia radiata: Taki and Oyama, 1954 [CM21528,21532,21533]

Monia umbonata: Oyama, 1973 [CM21528,21532,21533]

Montacuta crassa: Otuka, 1932 [CM10615]

Montacuta(?) crassa: Yokoyama, 1927a [CM24060-24062]

Montacuta japonica: Yokoyama, 1922a [CM21407-21411], Yokoyama, 1927a [CM 24057,24058]

Montacuta oblongata: Yokoyama, 1922a [CM21412-21414], Yokoyama, 1927a [CM 24053-24056], Yokoyama, 1927b [CM24451]

Montacuta subtruncata: Yokoyama, 1927a [CM24059]

Montacuta? yamakawai: Yokoyama, 1922a [CM21415,21416]

Montacutona? fujitaniana: Oyama, 1973 [CM24045,24046]

Montacutona subelliptica: Oyama, 1973 [CM24042,24043]

Musculus (Musculista) senhousia: Oyama, 1973 [CM24107]

Musculus sp.: Chinzei, 1973 [CM8261,8262]

Mya arenaria: Yokoyama, 1926e [CM23023-23025], Yokoyama, 1926h [CM27128], Yokoyama, 1926i [CM27154,27155], Yokoyama, 1927a [CM23924], Yokoyama, 1927b [CM24362,24363], Yokoyama, 1927e [CM26333], Yokoyama, 1928b [CM 25349], Yokoyama, 1929b [CM26899-26902], Yokoyama, 1930c [CM25661-25666], Yokoyama, 1931a [CM25815,25860,25865,25866], Otuka, 1935b [CM12615,12616]

Mya arenaria var. *japonica*: Yokoyama, 1925a [CM22194], Yokoyama, 1926b [CM 22787,22788], Yokoyama, 1926d [CM22999]

Mya arenaria var. *Japonica*: Yokoyama, 1925c [CM22579,22580]

Cenozoic Bivalvia (continued)

Mya (Arenomya) japonica: Makiyama, 1957 [CM22194], Makiyama, 1959 [CM26902]

Mya (Arenomya) oönogai: Makiyama, 1958 [CM22579]

Mya crassa: Yokoyama, 1924b [CM22068,22069,27043-27054], Yokoyama, 1926d [CM22970,22976,22977], Yokoyama, 1931a [CM25745,25758,25781]

Mya crassa?: Yokoyama, 1931a [CM25773,25796]

Mya cuneiformis: Otuka, 1941a [CM13349], Otuka, 1943b [CM13247], Makiyama, 1958 [CM22970], Makiyama, 1959 [CM26333], Chinzei, 1973 [CM8094,8182-8186]

Mya grewingki: Makiyama, 1957 [CM22068,22069], Oyama, Mizuno and Sakamoto, 1960 [CM22069]

Mya japonica: Makiyama, 1958 [CM23024], Chinzei, 1961 [CM8772,8773]

Mya japonica oonogai: Chinzei, 1961 [CM8774,8775]

Mya sp. cf. *japonica*: Makiyama, 1958 [CM22976,22977]

Myadora fluctuosa: Otuka, 1935b [CM12620]

Myadora ikebei: Taki and Oyama, 1954 [CM20501,20502,21493,21494], Oyama, 1973 [CM20501,20502,21493,21494]

Myadora japonica: Taki and Oyama, 1954 [CM21486,21487], Oyama, 1973 [CM 21486,21487]

Myadora yokoyamai: Taki and Oyama, 1954 [CM20503,20504], Oyama, 1973 [CM 20503,20504]

Myodora fluctuosa: Tokunaga, 1906 [CM13537,13538], Yokoyama, 1922a [CM21486 -21492,21675], Yokoyama, 1923a [CM21700], Yokoyama, 1926f [CM23242,23243], Yokoyama, 1926j [CM27228], Yokoyama, 1927a [CM24097-24100], Yokoyama, 1927b [CM24472], Yokoyama, 1927c [CM24933,24974,CM24975]

Myodora reeviana: Yokoyama, 1920 [CM20501,20502], Yokoyama, 1922a [CM21493 -21497], Yokoyama, 1926h [CM27133]

Myodora triangularis: Yokoyama, 1920 [CM20503-20505]

Mysella japonica: Taki and Oyama, 1954 [CM21407,21408], Oyama, 1973 [CM 21407,21408]

Mysella oblongata: Taki and Oyama, 1954 [CM21412,21413], Otuka, 1935b [CM 12562]

Mysella subtruncata: Taki and Oyama, 1954 [CM24059]

Mysella yamakawai: Taki and Oyama, 1954 [CM21415]

Mysia aff. *semiaspera*: Tokunaga, 1906 [CM13597]

Mysia pacifica: Tokunaga, 1906 [CM13596,13716-13741,13743-13752]

Mytilus coruscus: Oyama, 1973 [CM20509]

Mytilus crassitesta: Taki and Oyama, 1954 [CM20509], Makiyama, 1958 [CM 22815]

Mytilus curvatus: Yokoyama, 1924a [CM21952]

Cenozoic Bivalvia (continued)

Mytilus edulis: Yokoyama, 1929b [CM26939], Makiyama, 1959 [CM26939]

Mytilus giganteus: Yokoyama, 1920 [CM20509,20510], Yokoyama, 1926b [CM22815, 22816,24753]

Mytilus grayanus: Yokoyama, 1925a [CM22297,22298], Yokoyama, 1925c [CM22609 -22611], Yokoyama, 1926e [CM23045], Yokoyama, 1928b [CM25378], Yokoyama, 1929b [CM26940], Yokoyama, 1932a [CM26285-26287], Makiyama, 1957 [CM22297], Makiyama, 1958 [CM22609], Makiyama, 1959 [CM26940], Iwasaki, 1970 [CM9275]

Mytilus hirsutus: Yokoyama, 1920 [CM20506-20508], Yokoyama, 1924a [CM21951, 22031], Yokoyama, 1926f [CM23246], Yokoyama, 1927d [CM24987,24988], Yokoyama, 1929a [CM25553], Makiyama, 1959 [CM24987]

Mytilus luciferus: Yokoyama, 1924b [CM22097], Makiyama, 1957 [CM22097], Oyama, Mizuno and Sakamoto, 1960 [CM22097]

Mytilus sp.: Yokoyama, 1923a [CM21702]

Mytilus sp.: Yokoyama, 1925a [CM22299]

Mytilus sp.: Yokoyama, 1927e [CM26260]

Mytilus sp.: Yokoyama, 1930c [CM25719]

Mytilus sp.: Yokoyama, 1931a [CM25766,25772,25825]

Mytilus sp.: Otuka, 1938b [CM12707]

Mytilus takiensis: Yokoyama, 1924b [CM22098], Yokoyama, 1932a [CM26288], Makiyama, 1957 [CM22098]

Navicula boucardi: Otuka, 1935b [CM12488,12489]

Navicula ocellata: Otuka, 1935b [CM12485-12487]

Neaera gouldiana: Tokunaga, 1906 [CM13536]

Nemocardium cf. *iwakiense*: Iwasaki and Ono, 1977 [CM8470-8473]

Nemocardium (Keenaea) samarangae: Taki and Oyama, 1954 [CM20435,20436], Oyama, 1973 [CM20435,20436]

Nemocardium tristiculum: Oyama, Mizuno and Sakamoto, 1960 [CM22087]

Nemocardium yokoyamai: Makiyama, 1959 [CM25700-25703], Oyama, Mizuno and Sakamoto, 1960 [CM25702,25703]

"Nesobornia" nipponica: Taki and Oyama, 1954 [CM21932], Oyama, 1973 [CM 21932]

"Nesobornia" trigonalis: Taki and Oyama, 1954 [CM21933], Oyama, 1973 [CM 21933]

Nettastomella japonica: Taki and Oyama, 1954 [CM20333], Oyama, 1973 [CM 20333]

Nipponomysella oblongata: Oyama, 1973 [CM21412,21413]

Nipponomysella subtruncata: Oyama, 1973 [CM24059]

Nodularia cf. *biwae*: Yokoyama, 1932a [CM26273-26276]

Cenozoic Bivalvia (continued)

Nodularia pisciformis: Yokoyama, 1932a [CM26266-26272]

Nodularia subjapanensis: Yokoyama, 1932a [CM26264,26265]

Notirus ishibashianus: Oyama, 1973 [CM20411,21925,21927]

Notirus mitis: Oyama, 1973 [CM20407]

Nucinella (Huxleyia) ochiaiensis: Chinzei, 1959 [CM8566-8568]

Nucula (Acila) mirabilis: Yokoyama, 1930a [CM25641]

Nucula akitana: Otuka, 1943b [CM13224,13225]

Nucula cobboldiae: Yokoyama, 1926e [CM23055-23059], Yokoyama, 1926j [CM 27271]

Nucula eximia: Yokoyama, 1925b [CM22449-22455]

Nucula insignis: Tokunaga, 1906 [CM13610,13611], Yokoyama, 1920 [CM20686, 20687], Yokoyama, 1922a [CM21656-21658], Yokoyama, 1923a [CM21709], Yokoyama, 1924b [CM22107,27082-27084], Yokoyama, 1925a [CM22354], Yokoyama, 1925b [CM22448,27092], Yokoyama, 1926g [CM23531], Yokoyama, 1926j [CM27243], Yokoyama, 1927a [CM24168,24169], Yokoyama, 1927c [CM24967], Yokoyama, 1928b [CM25400-25402]

Nucula izirii: Otuka, 1943a [CM13189]

Nucula (Lamellinucula) tokyoensis: Taki and Oyama, 1954 [CM20690,20691], Oyama, 1973 [CM20690,20691]

Nucula mirabilis: Tokunaga, 1906 [CM13609], Yokoyama, 1920 [CM20688,20689], Yokoyama, 1923c [CM24592,26367], Yokoyama, 1925a [CM22355], Yokoyama, 1925b [CM22538,22539], Yokoyama, 1925d [CM22763-22765], Yokoyama, 1926b [CM22837,22838], Yokoyama, 1926c [CM22939-22941], Yokoyama, 1926d [CM 22990], Yokoyama, 1926e [CM23060], Yokoyama, 1926g [CM23529,23530], Yokoyama, 1926h [CM27136], Yokoyama, 1927a [CM24170], Yokoyama, 1927c [CM 24968-24970], Yokoyama, 1927d [CM25002,25003], Yokoyama, 1927e [CM26362], Yokoyama, 1928a [CM25263,25263]

Nuculana confusa kongiensis: Otuka, 1934 [CM11842,11843,12882], Otuka, 1937a [CM25558]

Nuculana inermis: Makiyama, 1957 [CM22417,22419,22421,22422,22424,22425]

Nuculana nidatoriensis: Otuka, 1934 [CM11844,11845,12880]

Nuculana (Nuculana) yokoyamai: Taki and Oyama, 1954 [CM20681], Oyama, 1973 [CM20681]

Nuculana onoyamai: Otuka, 1935a [CM12630,12649], Otuka, 1935b [CM12630, 12649]

Nuculana pennula: Makiyama, 1957 [CM22410,22413,22415], Makiyama, 1959 [CM 26945]

Nuculana pernula sadoensis: Otuka, 1939a [CM12846], Makiyama, 1958 [CM23303]

Nuculana robai: Chinzei, 1973 [CM8089,8114-8117]

Nuculana sp.: Chinzei, 1973 [CM8135]

Cenozoic Bivalvia (continued)

Nuculana sp.: Makiyama, 1958 [CM23053]

Nuculana sp.: Otuka, 1934 [CM12881]

Nucula (Nucula) niponica: Otuka, 1938a [CM12772]

Nucula poronaica: Yokoyama, 1931a [CM25819], Yokoyama, 1932a [CM26314]

Nucula sp.: Otuka, 1932 [CM10616]

Nucula sp.: Otuka, 1935b [CM12481]

Nucula sp.: Otuka, 1936c [CM13036]

Nucula sp.: Yokoyama, 1924b [CM22108]

Nucula sp.: Yokoyama, 1927e [CM26263]

Nucula sp.: Yokoyama, 1932a [CM26315]

Nucula tokyoensis: Yokoyama, 1920 [CM20690,20691], Yokoyama, 1928a [CM 25264]

Ostrea cf. *gigas*: Yokoyama, 1924b [CM22102,22103], Makiyama, 1957 [CM22102, 22103]

Ostrea cf. *musashiana*: Yokoyama, 1928a [CM25226]

Ostrea circumpicta: Oyama, 1973 [CM20596,20598]

Ostrea (Crassostrea) gigas: Taki and Oyama, 1954 [CM20591,20592]

Ostrea (Crassostrea) rivularis: Taki and Oyama, 1954 [CM20597,20598]

Ostrea crenulifera: Yokoyama, 1924a [CM21976-21980,22034], Oyama, 1973 [CM 21976-21979]

Ostrea cucullata: Yokoyama, 1924a [CM21972-21975], Yokoyama, 1926g [CM 23501], Yokoyama, 1926i [CM27176], Yokoyama, 1928a [CM25227]

Ostrea denselamellosa: Tokunaga, 1906 [CM13681,13682], Yokoyama, 1920 [CM 20595], Yokoyama, 1922a [CM21581], Yokoyama, 1926i [CM23556], Yokoyama, 1927a [CM24136-24138], Yokoyama, 1927b [CM24491], Otuka, 1935b [CM12504], Taki and Oyama, 1954 [CM20590], Makiyama, 1958 [CM23556], Oyama, 1973 [CM20590]

Ostrea folium: Oyama, 1973 [CM21972,21973]

Ostrea gigas: Tokunaga, 1906 [CM13679,13680], Yokoyama, 1920 [CM20590-20594], Yokoyama, 1922a [CM21575-21580], Yokoyama, 1924a [CM21971], Yokoyama, 1925a [CM22330], Yokoyama, 1925c [CM22636], Yokoyama, 1925d [CM22755-22757], Yokoyama, 1926g [CM23500], Yokoyama, 1926j [CM27235], Yokoyama, 1927a [CM24133-24135], Yokoyama, 1927b [CM24488-24490], Yokoyama, 1927c [CM24948], Yokoyama, 1928b [CM25383,25384], Yokoyama, 1929b [CM26943], Yokoyama, 1930a [CM25634], Yokoyama, 1931a [CM25768,25810], Yokoyama, 1931b [CM25981-25984], Yokoyama, 1932a [CM26298-26302], Otuka, 1932 [CM 10618], Otuka, 1934 [CM11873], Otuka, 1935b [CM12505], Otuka, 1938b [CM 12714], Makiyama, 1959 [CM26943]

Ostrea gravitesta: Yokoyama, 1926j [CM23591-23593], Otuka, 1934 [CM11871], Otuka, 1936c [CM13044], Otuka, 1938c [CM12725], Otuka, 1943b [CM13204],

Cenozoic Bivalvia (continued)

Makiyama, 1958 [CM23591,23592]

Ostrea irregularis: Tokunaga, 1906 [CM13683], Yokoyama, 1927a [CM24139-24142], Yokoyama, 1927b [CM24492,24493]

Ostrea mundana: Yokoyama, 1924b [CM22104], Makiyama, 1957 [CM22104]

Ostrea musashiana: Yokoyama, 1920 [CM20599-20604,20719], Yokoyama, 1922a [CM21583-21586]

Ostrea (Notostrea) musashiana: Taki and Oyama, 1954 [CM20599-20603,21583]

Ostrea (Ostrea) circumpicta: Taki and Oyama, 1954 [CM20596]

Ostrea plicata: Yokoyama, 1920 [CM20596-20598]

Ostrea rosacea?: Otuka, 1934 [CM11874,11875]

Ostrea sp.: Otuka, 1935b [CM12506]

Ostrea sp.: Yokoyama, 1923d [CM24666]

Ostrea sp.: Yokoyama, 1926b [CM22827,22828]

Ostrea sp.: Yokoyama, 1926g [CM23502,23503]

Ostrea sp.: Yokoyama, 1927d [CM24999]

Ostrea sp.: Yokoyama, 1927e [CM26361]

Ostrea takiana: Yokoyama, 1924b [CM22105], Makiyama, 1957 [CM22105]

Ostrea vitrefacta: Otuka, 1936d [CM13097]

Oxyperas bernardi: Taki and Oyama, 1954 [CM21219,21220], Oyama, 1973 [CM 21219,21220]

Palliolum (Delectopecten) peckhami tairanum: Sugita, 1962 [CM15311-15314]

Pallium swiftii etchegoini: Otuka, 1934 [CM11884-11889]

Pallium swiftii nutteri: Otuka, 1934 [CM11890-11892]

Pandora (Heteroclidus) hukusimana: Otuka, 1943a [CM13198-13201]

Pandora (Heteroclidus) pulchella: Otuka, 1943a [CM13221,13222]

Pandora (Kennerleyia) wardiana nomurai: Otuka, 1941a [CM13252], Otuka, 1943b [CM13252]

Pandora (Kennerlia) pulchella: Otuka, 1936a [CM12779,12780], Makiyama, 1958 [CM23577]

Pandora pulchella: Yokoyama, 1926j [CM23577,23578], Yokoyama, 1927c [CM 24932], Chinzei, 1973 [CM8125-8127]

"Pandora" sp. cf. *pulchella*: Chinzei, 1959 [CM8584]

Panomya ampla: Chinzei, 1959 [CM8580-8583]

Panomya beringiana: Chinzei, 1973 [CM8132,8251,8252]

Panomya simotomensis: Otuka, 1941a [CM13248], Otuka, 1943b [CM13248], Chinzei, 1973 [CM8251,8252]

Cenozoic Bivalvia (continued)

"Panomya" simotomensis: Otukam 1934 [CM12051,12052], Otuka, 1936c [CM12811]

Panopaea generosa: Tokunaga, 1906 [CM13532,13533]

Panopea japonica: Iwasaki, 1970 [CM8997,8998], Oyama, 1973 [CM21156,21157]

Panope cf. *estrellana*: Chinzei, 1961 [CM8763]

Panope generosa: Yokoyama, 1922a [CM21156-21160], Yokoyama, 1923b [CM21782], Yokoyama, 1923c [CM24555,24556], Yokoyama, 1925a [CM22186-22193], Yokoyama, 1925b [CM22491,22492], Yokoyama, 1925c [CM22574-22577], Yokoyama, 1925d [CM22692,22693], Yokoyama, 1926b [CM22785,22786], Yokoyama, 1926d [CM22991], Yokoyama, 1926f [CM23197], Yokoyama, 1926g [CM23442], Yokoyama, 1926i [CM27151], Yokoyama, 1926j [CM27283], Yokoyama, 1927a [CM23912-23914], Yokoyama, 1927b [CM24358,24359], Yokoyama, 1927e [CM26332], Yokoyama, 1929a [CM25546], Yokoyama, 1932a [CM26097-26099]

Panope japonica: Otuka, 1932 [CM10613], Otuka, 1934 [CM12039-12050], Otuka, 1936c [CM12810], Otuka, 1937a [CM25546], Taki and Oyama, 1954 [CM21156, 21157], Makiyama, 1957 [CM22190]

Panope tyugokuensis: Otuka, 1941a [CM12683]

Paphia euglypta: Otuka, 1932 [CM10619], Otuka, 1935b [CM12590]

Paphia hirabayasii: Otuka, 1938c [CM12698,12705,12706,12718]

Paphia munroei: Yokoyama, 1932a [CM26205-26234], Makiyama, 1959 [CM26205, 26206]

"Paphia" munroei: Oyama, Mizuno and Sakamoto, 1960 [CM26206]

Paphia (Paphia) naganumana: Taki and Oyama, 1954 [CM20419], Oyama, 1973 [CM20419]

Paphia (Paphia) vernicosa: Taki and Oyama, 1954 [CM21375], Oyama, 1973 [CM 21375]

Paphia (Paratapes) undulata: Otuka, 1935b [CM12592], Makiyama, 1957 [CM22251]

Paphia philippinarum: Yokoyama, 1932a [CM26204], Otuka, 1932 [CM10620]

"Paphia" siratoriensis: Otuka, 1934 [CM11966-11976,12944-12951]

Paphia sp.: Otuka, 1935b [CM12591]

Paphia variegata: Yokoyama, 1932a [CM26202]

Papyridea (Fulvia) hungerfordi: Otuka, 1935b [CM12571a,12571b]

Papyridea (Fulvia) kurodai: Makiyama, 1958 [CM23214]

Papyridea (Fulvia) muticum: Otuka, 1935b [CM12567-12569]

Papyridea (Fulvia) nipponica: Yokoyama, 1924b [CM22089,22090], Yokoyama, 1925c [CM22601], Yokoyama, 1926f [CM23214,23215]

Papyridea harrimani: Makiyama, 1957 [CM22089,22090], Oyama, Mizuno and Sakamoto [CM22089,22090]

Parallelodon obliquatus: Yokoyama, 1920 [CM20642-20648], Yokoyama, 1922a [CM21633], Yokoyama, 1924a [CM21998], Yokoyama, 1925a [CM22343,22344],

Cenozoic Bivalvia (continued)

Yokoyama, 1925b [CM22536], Yokoyama, 1926c [CM22931], Yokoyama, 1926f [CM23296,23297], Yokoyama, 1926j [CM27262]

Parvikellia? sp.: Oyama, 1973 [CM24048,24049]

Parvithracia sematana: Taki and Oyama, 1954 [CM21507,21508], Oyama, 1973 [CM21507,21508]

Patinopecten healeyi yamasakii: Otuka, 1934 [CM11921-11926], Otuka, 1936c [CM13037,13039]

Patinopecten kagamianus: Otuka, 1935b [CM12528a,12528b], Otuka, 1943a [CM 13219]

Patinopecten kanbaraensis: Otuka, 1938b [CM12693]

Patinopecten kimurai: Otuka, 1943a [CM13191,13208], Makiyama, 1957 [CM22315 -22321]

Patinopecten kimurai murayamai: Otuka, 1943a [CM13218]

Patinopecten kurosawaensis: Otuka, 1939a [CM12856]

Patinopecten kurosawensis: Chinzei, 1973 [CM8239,8240]

Patinopecten plebejus: Otuka, 1935b [CM12527], Otuka, 1939a [CM12851]

Patinopecten tokyoensis kimurai: Otuka, 1934 [CM11893-11919,11928-11934, 11939,12915), Otuka, 1935b [CM12526], Otuka, 1936c [CM13046]

Patinopecten tokyoensis murayamai: Otuka, 1934 [CM11920], Otuka, 1936c [CM 13046]

Pecten aff. *irradians*: Tokunaga, 1906 [CM13674]

Pecten agnatus: Yokoyama, 1930c [CM25730]

Pecten akitanus: Yokoyama, 1926j [CM23586-23590], Yokoyama, 1931b [CM25978 -25980]

Pecten atsumiensis: Yokoyama, 1926i [CM23554,23555]

Pecten cfr. *akitanus*: Otuka, 1936c [CM12820]

Pecten cfr. *kagamianus*: Otuka, 1936c [CM12817]

Pecten clancularius: Yokoyama, 1926g [CM23498,23499,24758-24760]

Pecten cosibensis: Yokoyama, 1911a [CM20556, 20557], Yokoyama, 1920 [CM 20556-20558], Yokoyama, 1923a [CM21707]

Pecten crassicostatus: Yokoyama, 1920 [CM20545], Yokoyama, 1922a [CM21556]

Pecten excavatus: Yokoyama, 1922a [CM21569-21572,21676], Yokoyama, 1927a [CM24129-24132], Yokoyama, 1927b [CM24487], Yokoyama, 1927c [CM24939,24940]

Pecten foedus: Yokoyama, 1926f [CM23286]

Pecten (Fortipecten) kenyoshiensis: Chinzei, 1960 [CM8594-8614]

Pecten (Fortipecten) takahashii: Makiyama, 1959 [CM25724-25727]

Pecten heteroglyptus: Yokoyama, 1926f [CM23269-23278], Yokoyama, 1926j [CM 27262], Yokoyama, 1930a [CM25632,25633]

Cenozoic Bivalvia (continued)

Pecten insolitus: Yokoyama, 1925c [CM22634]

Pecten intuscostatus: Yokoyama, 1920 [CM20559-20561,21681], Yokoyama, 1922a [CM21558], Yokoyama, 1926f [CM23279,23280]

Pecten irregularis: Yokoyama, 1911a [CM20546-20548], Yokoyama, 1920 [CM 20546-20548,20725,20726,21684], Yokoyama, 1924a [CM21966]

Pecten iwakianus: Yokoyama, 1925b [CM22532]

Pecten kagamianus: Yokoyama, 1923c [CM24590], Otuka, 1936c [CM12814,12815], Makiyama, 1957 [CM24590]

Pecten kaneharai: Yokoyama, 1926b [CM22819-22826,24736-24741], Yokoyama, 1931b [CM25973-25975]

Pecten kimurai: Yokoyama, 1925a [CM22315-22329], Yokoyama, 1925d [CM22752]

Pecten kurosawensis: Yokoyama, 1926j [CM23584,23585], Yokoyama, 1927c [CM 24945-24947], Yokoyama, 1928b [CM25381,25382], Makiyama, 1958 [CM23584], Makiyama, 1959 [CM24945,24946]

Pecten laetus: Tokunaga, 1906 [CM13641,13642], Yokoyama, 1920 [CM20543, 20544,20723,20724,20727,21682], Yokoyama, 1922a [CM21553,21554,21677, 21678,21680,21723], Yokoyama, 1923a [CM21705], Yokoyama, 1923c [CM24589], Yokoyama, 1924a [CM21969], Yokoyama, 1925a [CM22308,22309], Yokoyama, 1925b [CM22531], Yokoyama, 1925c [CM22618], Yokoyama, 1926f [CM23260, 23261], Yokoyama, 1926i [CM27175], Yokoyama, 1926j [CM27230], Yokoyama, 1927a [CM24122], Yokoyama, 1927b [CM24481,24482], Yokoyama, 1927c [CM 24944]

Pecten laqueatus: Tokunaga, 1906 [CM13639,13640], Yokoyama, 1920 [CM20582-20585,20722], Yokoyama, 1922a [CM21563-21568], Yokoyama, 1923a [CM21704], Yokoyama, 1927a [CM24126-24128], Yokoyama, 1927b [CM24484-24486], Yokoyama, 1927c [CM24941]

Pecten miurensis: Yokoyama, 1920 [CM20562-20566,31683]

Pecten (Mizuhopecten) tokyoensis: Oyama, 1973 [CM20568,20569]

Pecten (Mizuhopecten) yessoensis var.: Oyama, 1973 [CM20577,20578]

Pecten murayamai: Yokoyama, 1926j [CM23579-23583], Makiyama, 1958 [CM23579 -23581]

Pecten naganumana: Yokoyama, 1920 [CM20586-20589]

"Pecten" notoensis: Otuka, 1943a [CM13215]

Pecten (Notovola) albicans: Taki and Oyama, 1954 [CM20582,20583,21571, 21572]

Pecten (Notovola) albicans albicans: Oyama, 1973 [CM20582,20583,21571, 21572]

Pecten (Notovola) albicans naganumanus: Taki and Oyama, 1954 [CM20586-20588], Oyama, 1973 [CM20586-20588]

Pecten (Patinopecten) agnatus: Makiyama, 1959 [CM25730]

Pecten (Patinopecten) healeyi yamasakii: Makiyama, 1958 [CM22621-22624]

Cenozoic Bivalvia (continued)

Pecten (Patinopecten) paraplebejus: Iwasaki, 1970 [CM9178-9225]

Pecten (Patinopecten) poculum: Makiyama, 1958 [CM23048,23049]

Pecten (Patinopecten) sannohensis: Chinzei, 1961 [CM8645-8653]

Pecten (Patinopecten) tokunagai: Taki and Oyama, 1954 [CM20567]

Pecten (Patinopecten) tokyoensis: Taki and Oyama, 1954 [CM20568,20569]

Pecten (Patinopecten) tryblium: Makiyama, 1958 [CM22628-22631]

Pecten (Patinopecten) yessoensis: Taki and Oyama, 1954 [CM20577,20578]

Pecten permirus: Yokoyama, 1926a [CM24680-24682]

Pecten permirus var. *paucicostata*: Yokoyama, 1926a [CM24683,24684]

Pecten plebejus: Yokoyama, 1926f [CM23281-23285], Yokoyama, 1931b [CM25976, 25977], Makiyama, 1958 [CM23281,23282]

Pecten plica: Yokoyama, 1924a [CM21968]

Pecten poculum: Yokoyama, 1926e [CM23048-23051], Makiyama, 1958 [CM23050]

Pecten praesignis: Yokoyama, 1922b [CM23491], Yokoyama, 1926g [CM23491-23497], Yokoyama, 1928a [CM25223,25224]

Pecten protomollitus: Otuka, 1936c [CM12806]

Pecten pulchellimus: Tokunaga, 1906 [CM13675]

Pecten quadriliratus: Yokoyama, 1924a [CM21970]

Pecten similis: Yokoyama, 1911a [CM24530]

Pecten sp.: Yokoyama, 1925d [CM22753,22754]

Pecten sp.: Yokoyama, 1926a [CM24693]

Pecten sp.: Yokoyama, 1927d [CM24998]

Pecten sp.: Yokoyama, 1929a [CM25554]

Pecten sp.: Yokoyama, 1929b [CM26942]

Pecten sp.: Yokoyama, 1931a [CM25838]

Pecten sp.: Otuka, 1937a [CM25554]

Pecten spectabilis: Yokoyama, 1924a [CM21967]

Pecten sp. n. (*takasensis*): Otuka, 1936c [CM12821]

Pecten squamatus: Yokoyama, 1920 [CM20541,20542,24542], Yokoyama, 1922a [CM21549-21552], Yokoyama, 1927a [CM24121]

Pecten subplicatus: Yokoyama, 1922a [CM21555], Yokoyama, 1927b [CM24483]

Pecten subyessoensis: Yokoyama, 1930c [CM25722,25723], Yokoyama, 1931a [CM25751]

Pecten swiftii: Yokoyama, 1920 [CM20553], Yokoyama, 1925a [CM22311], Yokoyama, 1925d [CM22750,22751], Yokoyama, 1926b [CM22817], Yokoyama, 1926d [CM23004], Yokoyama, 1926e [CM23047], Yokoyama, 1926f [CM23264-23268],

Cenozoic Bivalvia (continued)

Yokoyama, 1926j [CM27234], Yokoyama, 1928b [CM25380]

Pecten tairanus: Yokoyama, 1925b [CM22405,22406]

Pecten takahashii: Yokoyama, 1930c [CM25724-25729], Yokoyama, 1931a [CM 25784,25812-25814]

Pecten tenuicostulatus: Yokoyama, 1922a [CM21573,21574]

Pecten tigerrinus: Yokoyama, 1911a [CM20554,20555], Yokoyama, 1920 [CM 20554,20555]

Pecten tissoti: Yokoyama, 1922a [CM21561,21562,21679]

Pecten tokunagai: Yokoyama, 1911a [CM20567], Yokoyama, 1920 [CM20567]

Pecten tokyoensis: Tokunaga, 1906 [CM13643-13673,13791-13800], Yokoyama, 1920 [CM20568-20570,20572-20576], Yokoyama, 1922a [CM21559,21560], Yokoyama, 1923a [CM21706], Yokoyama, 1927a [CM24123-24125], Yokoyama, 1927c [CM24937,24938]

Pecten tryblium: Yokoyama, 1925c [CM22628-22633]

Pecten turpiculus: Yokoyama, 1925c [CM22635]

Pecten vesiculosus: Yokoyama, 1911a [CM20549-20551], Yokoyama, 1920 [CM 20549-20552], Yokoyama, 1922a [CM21557], Yokoyama, 1925a [CM22310], Yokoyama, 1928a [CM25225]

Pecten watanabei: Yokoyama, 1929b [CM26941]

Pecten (Yabepecten) tokunagai: Oyama, 1973 [CM20567]

Pecten yamasakii: Yokoyama, 1925c [CM22621-22627], Otuka, 1936c [CM12822]

Pecten yessoensis: Yokoyama, 1911a [CM20577,20578], Yokoyama, 1920 [CM 20577-20581], Yokoyama, 1923c [CM24588], Yokoyama, 1925a [CM22312-22314], Yokoyama, 1925c [CM22619,22620], Yokoyama, 1926b [CM22818], Yokoyama, 1926c [CM22922-22924], Yokoyama, 1926d [CM23005], Yokoyama, 1926f [CM 23262,23263], Yokoyama, 1926j [CM27231-27233,27261], Yokoyama, 1927c [CM24942,24943], Yokoyama, 1931a [CM25871], Makiyama, 1958 [CM22619], Makiyama, 1959 [CM25722,25723,25871]

Pectunculus albolineatus: Yokoyama, 1922a [CM21610-21613], Yokoyama, 1926g [CM23514], Yokoyama, 1927a [CM24159], Yokoyama, 1928b [CM25390]

Pectunculus albo-lineatus: Tokunaga, 1906 [CM13631,13632]

Pectunculus derelictus: Yokoyama, 1928b [CM25394]

Pectunculus minochiensis: Yokoyama, 1925c [CM22652]

Pectunculus nipponicus: Yokoyama, 1920 [CM20625-20628,20630-20634], Yokoyama, 1926f [CM23294,23295], Yokoyama, 1926g [CM23515-23518], Yokoyama, 1927c [CM24954], Yokoyama, 1928a [CM25242-25247]

? Pectunculus nipponicus: Yokoyama, 1920 [CM20629]

Pectunculus pilsbryi: Yokoyama, 1920 [CM20639-20641], Yokoyama, 1922a [CM 21628-21630], Yokoyama, 1926j [CM27241,27266]

Pectunculus rotundus: Yokoyama, 1920 [CM20619-20624]

Cenozoic Bivalvia (continued)

Pectunculus sp.: Yokoyama, 1923d [CM24676]

Pectunculus sp.: Yokoyama, 1925b [CM22407-22409], Makiyama, 1957 [CM22408]

Pectunculus sp.: Yokoyama, 1926b [CM22832-22834]

Pectunculus sp.: Yokoyama, 1926d [CM22966]

Pectunculus sp.: Yokoyama, 1926e [CM23052]

Pectunculus sp.: Yokoyama, 1927d [CM25001]

Pectunculus sp.: Yokoyama, 1929a [CM25557]

Pectunculus vestitus: Yokoyama, 1922a [CM21614-21620], Yokoyama, 1923a [CM 21708], Yokoyama, 1924b [CM22106], Yokoyama, 1925a [CM22342], Yokoyama, 1925b [CM22534,22535], Yokoyama, 1926g [CM23509-23513], Yokoyama, 1926h [CM27132], Yokoyama, 1927a [CM24155-24158], Yokoyama, 1927b [CM24508-24509], Yokoyama, 1928a [CM25248]

Pectunculus yamakawai: Yokoyama, 1922a [CM21631,21632]

Pectunculus yamasakii: Yokoyama, 1925c [CM22649-22651]

Pectunculus yessoensis: Yokoyama, 1920 [CM20635-20638], Yokoyama, 1922a [CM21621-21627], Yokoyama, 1925c [CM22646-22648], Yokoyama, 1926b [CM 22832], Yokoyama, 1926c [CM22929,22930], Yokoyama, 1926d [CM22989], Yokoyama, 1926f [CM23292,23293], Yokoyama, 1926j [CM27239,27240,27264,27265], Yokoyama, 1927a [CM24153,24154], Yokoyama, 1927b [CM24510], Yokoyama, 1927c [CM24952,24953], Yokoyama, 1928b [CM25391-25393]

Penicillus giganteus: Makiyama, 1958 [CM23537,23538]

Periploma besshoense: Oyama, Mizuno and Sakamoto, 1960 [CM22074,22075]

Periploma besshoensis: Otuka, 1941a [CM13250], Makiyama, 1957 [CM22074, 22075]

Periploma cfr. *besshoensis*: Otuka, 1943b [CM13250]

Periploma sp.: Chinzei, 1973 [CM8139]

Periploma yokoyamai: Makiyama, 1959 [CM26915]

Perna marsupium: Yokoyama, 1911c [CM22007], Yokoyama, 1924a [CM21981,21982]

Perna Nishiyamai: Yokoyama, 1911b [CM20005]

Perna? nishiyamai: Makiyama, 1957 [CM20005]

Peronidia lutea: Makiyama, 1957 [CM22072]

Peronidia protovenulosa: Chinzei, 1973 [CM8242]

Peronidia venulosa: Oyama, 1973 [CM21272,21273,21275,21276,21286,21287]

Petricola awana: Yokoyama, 1924a [CM21916]

Petricola japonica: Otuka, 1935b [CM12593,13025]

Petricola (Petricolarius) aequistriata: Taki and Oyama, 1954 [CM21369, 21370]

Petricola (Petricolirus) aequistriata: Oyama, 1973 [CM21369,21370]

Cenozoic Bivalvia (continued)

Petricola (Pseudoirus) mirabilis: Taki and Oyama, 1954 [CM20410], Oyama, 1973 [CM20410]

Phacoides borealis: Yokoyama, 1930a [CM25622], Yokoyama, 1931b [CM25970, 25971], Yokoyama, 1932a [CM26246]

Phacoides sp.: Yokoyama, 1931a [CM25775]

Phaxas izumoensis: Makiyama, 1957 [CM24561], Oyama, Mizuno and Sakamoto, 1960 [CM24561]

Phaxas izumoensis jobanicus: Makiyama, 1957 [CM22210,22213]

Pholadidea (Penitella) kamakurensis: Taki and Oyama, 1954 [CM21154], Oyama, 1973 [CM21154]

Pholadomya cf. *puschi*: Yokoyama, 1927f [CM25265]

Pholadomya japonica: Yokoyama, 1920 [CM20337,20338]

Pholadomya margaritacea: Yokoyama, 1911b [CM20006-20008]

Pholadomya m-katayamai: Otuka, 1943b [CM13251]

Pholadomya sp.: Yokoyama, 1932a [CM26284], Makiyama, 1959 [CM26284]

Pholadomya sp.: Makiyama, 1957 [CM20006-20008], Oyama, Mizuno and Sakamoto, 1960 [CM20006]

Pholas cupula: Yokoyama, 1924a [CM21898], Yokoyama, 1927b [CM24356]

Pholas fragilis: Yokoyama, 1920 [CM20330-20332], Yokoyama, 1922a [CM21153], Yokoyama, 1923a [CM21689], Yokoyama, 1927a [CM23908], Yokoyama, 1927b [CM24354,24355]

Pholas subconstricta: Yokoyama, 1924a [CM21899,21900]

Pillucina contraria: Otuka, 1932 [CM10622], Otuka, 1934 [CM11951,12942]

Pillucina (Pillucina) pisidium: Oyama, 1973 [CM20451]

Pillucina (Pillucina) pisidium var.: Taki and Oyama, 1954 [CM20451]

Pillucina pisidium: Otuka, 1935b [CM12551,12552,13023]

Pillucina pisidium nisataiensis: Otuka, 1934 [CM11950,12939-12941]

Pillucina (Sydlorina) yamakawai: Taki and Oyama, 1954 [CM20462]. Oyama, 1973 [CM20462]

Pillucina (Wallucina) lanyi: Taki and Oyama, 1954 [CM20457]

Pillucina (Wallucina) striata: Oyama, 1973 [CM20457]

Pinna japonica: Yokoyama, 1922a [CM21587], Yokoyama, 1923b [CM21795], Yokoyama, 1925a [CM22331], Yokoyama, 1926g [CM23504], Yokoyama, 1927a [CM 24143,24144]

Pinna sp.: Tokunaga, 1906 [CM13636]

Pinna sp.: Yokoyama, 1923d [CM24667], Makiyama, 1957 [CM24667]

Pinna sp.: Yokoyama, 1926a [CM24692]

Cenozoic Bivalvia (continued)

Pinna sp.: Makiyama, 1957 [CM24667]

Pitar lineolata: Otuka, 1935b [CM12579-12581,13024]

Pitar okadana: Makiyama, 1959 [CM26136,26137]

Pitar (Pitarina) limatula: Taki and Oyama, 1954 [CM21918,22009], Oyama, 1973 [CM21918]

Pitar (Pitarina) lineolata: Taki and Oyama, 1954 [CM21920], Oyama, 1973 [CM21920]

Pitar? sannosawaensis: Oyama, Mizuno and Sakamoto, 1960 [CM26134]

Pitar? sp.: Makiyama, 1959 [CM26347,26348]

Pitar yabei: Otuka, 1934 [CM11991,12957-12959]

Pitar yokoyamai: Makiyama, 1959 [CM24981]

Placunanomia ingens: Yokoyama, 1925c [CM22617]

Placunanomia macrochisma: Yokoyama, 1926f [CM23252-23255, 27174]

Placunanomia sp.: Yokoyama, 1930c [CM25721]

Plicatula cuneata: Yokoyama, 1922a [CM21548], Otuka, 1932 [CM10625]

Plicatula horrida: Otuka, 1935b [CM12507], Taki and Oyama, 1954 [CM21963, 21964], Oyama, 1973 [CM21963,21964]

Plicatula irregularis: Yokoyama, 1924a [CM21963-21965,22033]

Plicatula simplex: Taki and Oyama, 1954 [CM21548], Oyama, 1973 [CM21548]

Polynemamussium intuscostatum: Taki and Oyama, 1954 [CM20559,20560,21573], Oyama, 1973 [CM20559,20560,21573]

Polynemamussium watanabei: Makiyama, 1959 [CM26941]

Poromya flexuosa: Yokoyama, 1922a [CM21510-21512], Taki and Oyama, 1954 [CM21510,21511], Oyama, 1973 [CM21510,21511]

Portlandia japonica: Makiyama, 1959 [CM25261], Chinzei, 1973 [CM8134]

Portlandia lischkei: Makiyama, 1957 [CM22352]

Portlandia (Megayoldia) breviscapha: Oyama, Mizuno and Sakamoto, 1960 [CM26310]

Portlandia (Megayoldia) gratiosa: Makiyama, 1957 [CM24591], Makiyama, 1958 [CM22762]

Portlandia (Megayoldia) thraciaeformis: Oyama, Mizuno and Sakamoto, 1960 [CM22762]

Portlandia (Megayoldia) tsuruensis: Sugita, 1962 [CM15307-15310]

Potamocorbula amurensis: Oyama, 1973 [CM21170,21171,21175,21178]

Propeamussium clancularium: Makiyama, 1958 [CM23498,23499, 24758-24760]

Protothaca adamsi: Chinzei, 1973 [CM8179,8180]

Protothaca (Callithaca) adamsi: Taki and Oyama, 1954 [CM24007,24008], Oyama, 1973 [CM24007,24008], Chinzei, 1961 [CM8710-8715]

Cenozoic Bivalvia (continued)

Protothaca jedoensis: Otuka, 1932 [CM10623], Otuka, 1935b [CM12587-12589]

Protothaca jobanica: Makiyama, 1957 [CM22081-22083]

Protothaca (Protothaca) jedoensis: Taki and Oyama, 1954 [CM20394,20395, 21922], Oyama, 1973 [CM20394,20395,21922]

Protothaca tateiwai: Iwasaki, 1970 [CM8873-8882]

Protothaca tateiwai?: Otuka, 1939a [CM12853]

Psammobia commoda: Yokoyama, 1925c [CM22588]

Psammobia kazusensis: Yokoyama, 1922a [CM21261,21262], Yokoyama, 1926f [CM 23201], Yokoyama, 1926j [CM27207]

Psammobia oriens: Yokoyama, 1926i [CM23553]

Psammobia sp.: Yokoyama, 1926e [CM23028]

Psammosolen divaricatus: Otuka, 1932 [CM10624]

Pseudamiantis pinguis: Iwasaki, 1963 [CM8776-8778,8781], Iwasaki, 1970 [CM 8776-8778,8781]

Pseudamiantis tauyensis: Makiyama, 1959 [CM24902,24904], Iwasaki, 1963 [CM 8779,8780,8782-8785,15341,24902,24903]

Pseudamussium intuscostatum: Otuka, 1935b [CM12508]

Pseudodon pingi: Otuka, 1942 [CM13180]

Pseudogrammatodon dalli obliquatus: Oyama, 1973 [CM20642-20645,21634,21635]

Pseudogrammatodon obliquatus: Taki and Oyama, 1954 [CM20643-20645,21634, 21635]

Pseudogrammatodon obliquatus var.: Taki and Oyama, 1954 [CM20642]

Pycnodonta musashiana: Oyama, 1973 [CM20599-20603,21583]

Raeta elliptica: Yokoyama, 1922a [CM21229-21232], Yokoyama, 1925b [CM22495], Yokoyama, 1927b [CM24520]

Raeta magnifica: Yokoyama, 1922a [CM21233], Yokoyama, 1927a [CM23940]

Raeta pellicula: Yokoyama, 1922a [CM21228]

Raeta pulchella: Otuka, 1935b [CM12594]

Raeta (Raetellops) yokohamensis: Taki and Oyama, 1954 [CM21222,21223,21229], Oyama, 1973 [CM21222,21223,21229]

Raeta (Raetina) pellicula: Taki and Oyama, 1954 [CM21228,21233], Oyama, 1973 [CM21228,21233,21234]

Raeta yokohamensis: Yokoyama, 1922a [CM21222-21227], Yokoyama, 1923b [CM 21784], Yokoyama, 1926g [CM23446], Yokoyama, 1927a [CM23937-23939], Yokoyama, 1927b [CM24376]

Rexithaerus sectior: Oyama, 1973 [CM21317]

Saccella confusa: Taki and Oyama, 1954 [CM21650], Oyama, 1973 [CM21650]

Cenozoic Bivalvia (continued)

Saccella gordonis: Taki and Oyama, 1954 [CM20683,20684], Oyama, 1973 [CM 20683,20684]

Sanguinolaria minoensis: Makiyama, 1958 [CM22884,22885,22887]

Sanguinolaria (Nuttallia) olivacea: Otuka, 1935b [CM12596]

Sanguinolaria (Nuttallia) parti commoda: Makiyama, 1958 [CM22588]

Sanguinolaria (Soletellina) minoensis: Otuka, 1934 [CM12027-12029,12049], Otuka, 1938c [CM12738,12739]

Sanguinolaria uwadokoi: Otuka, 1943b [CM13245]

Saxicava arctica: Tokunaga, 1906 [CM13531]

Saxicava orientalis: Yokoyama, 1920 [CM20335,20336], Yokoyama, 1922a [CM 21161]

Saxidomus nuttali: Tokunaga, 1906 [CM13569,13570]

Saxidomus purpurata: Oyama, 1973 [CM20420,20421,21383]

Saxidomus purpuratus: Yokoyama, 1920 [CM20420-20425], Yokoyama, 1922a [CM 21383-21387], Yokoyama, 1923a [CM21692], Yokoyama, 1924a [CM21929], Yokoyama, 1925c [CM22594-22597], Yokoyama, 1925d [CM22711], Yokoyama, 1926j [CM27217], Yokoyama, 1927a [CM24023-24026], Yokoyama, 1927b [CM24437], Otuka, 1932 [CM10626], Otuka, 1935b [CM12578], Taki and Oyama, 1954 [CM 20420,20421,21383]

Schizothaerus keenae: Taki and Oyama, 1954 [CM21201,21202,21235]

Schizothaerus nuttalli: Otuka, 1932 [CM10627]

Scintilla nipponica: Yokoyama, 1924a [CM21932], Otuka, 1935b [CM12560]

Scintilla solidula: Yokoyama, 1924a [CM21930,21931,22025], Taki and Oyama, 1954 [CM21930]

Scintilla trigonalis: Yokoyama, 1924a [CM21933]

Scintilla yamakawai: Oyama, 1973 [CM21415]

Semelangulus miyatensis: Oyama, 1973 [CM20374]

Semele aspasia: Yokoyama, 1924a [CM21908,21909]

Semele carnicolor: Taki and Oyama, 1954 [CM21908], Oyama, 1973 [CM21908]

Septifer bilocularis pilosus: Taki and Oyama, 1954 [CM21952]

Septifer (Mytilisepta) keeni: Taki and Oyama, 1954 [CM20506], Oyama, 1973 [CM20506]

Septifer nagaoi: Oyama, Mizuno and Sakamoto, 1960 [CM24987]

Septifer (Septifer) pilosus: Oyama, 1973 [CM21952]

Septifer (s. str.) *nagaoi*: Mizuno, 1952 [CM15264-12567,24987]

Serripes?: Makiyama, 1959 [CM26349]

Serripes aff. *groenlandicum*: Makiyama, 1958 [CM23036]

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Serripes cf. *groenlandica*: Chinzei, 1961 [CM8664]

Serripes cf. *groenlandicum*: Makiyama, 1957 [CM23036]

Serripes fujinensis: Otuka, 1935c [CM24557], Otuka, 1937c [CM13137,13138], Otuka, 1940b [CM12658,12673], Otuka, 1943b [CM13230], Makiyama, 1957 [CM 24557]

Serripes groenlandica: Makiyama, 1959 [CM26927,26928], Chinzei, 1973 [CM 8121-8123,8192-8196,8224]

Serripes makiyamai: Makiyama, 1959 [CM25352]

Serripes notabilis: Otuka, 1943b [CM13231]

Serripes notabilis nomurai: Otuka, 1943b [CM13233]

Serripes pauperculus: Otuka, 1935c [CM24574-24579], Otuka, 1943b [CM13229]

Serripes sp. cf. *notabilis*: Chinzei, 1959 [CM8575]

Serripes squalidum: Makiyama, 1957 [CM22084]

Serripes squalidus: Oyama, Mizuno and Sakamoto, 1960 [CM22084]

Serripes yokoyamai: Otuka, 1935c [CM13029,13030], Otuka, 1943b [CM13232]

Siliqua alta: Makiyama, 1959 [CM26909,26910,26913]

Siliqua cf. *alta*: Chinzei, 1961 [CM8756]

Siliqua costata: Yokoyama, 1929b [CM26909-26913]

Siliqua pulchella: Yokoyama, 1922a [CM21254,21255,21669], Yokoyama, 1925a [CM22214-22216], Yokoyama, 1926j [CM27208], Yokoyama, 1927a [CM23952], Yokoyama, 1928a [CM25184]

Siliqua sp.: Yokoyama, 1932a [CM26109]

Solamen diaphana: Taki and Oyama, 1954 [CM24111], Oyama, 1973 [CM24111]

Solamen fornicatum: Makiyama, 1958 [CM22919,22920]

Solecurtus abbreviatus: Yokoyama, 1920 [CM20360-20362]

Solecurtus divaricatus: Yokoyama, 1920 [CM20363], Yokoyama, 1922a [CM21256-21258], Yokoyama, 1927a [CM23953-23955], Yokoyama, 1927b [CM24381,24382], Yokoyama, 1928a [CM25185]

Solemya (Acharax) japonica: Taki and Oyama, 1954 [CM24172], Oyama, 1973 [CM24172]

Solemya dunkeri: Yokoyama, 1927a [CM24171]

Solemya labeosa: Yokoyama, 1928b [CM25403], Makiyama, 1959 [CM25403]

Solemya sp.: Yokoyama, 1926g [CM23532]

Solemya sp. (aff. *tokunagai*): Yokoyama, 1931a [CM25808]

Solemya sp. (aff. *yamakawai*): Yokoyama, 1931a [CM25820]

Solemya tokunagai: Yokoyama, 1925a [CM22356-22361], Yokoyama, 1925b [CM 22456], Yokoyama, 1926d [CM22960], Otuka, 1934 [CM11840], Makiyama, 1957 [CM22356,22358,22360,22456]

Cenozoic Bivalvia (continued)

Solemya yamakawai: Yokoyama, 1927a [CM24172,24173]

Solen cf. *krusensterni*: Yokoyama, 1932a [CM26107]

Solen gordonis: Yokoyama, 1920 [CM20358,20359], Taki and Oyama, 1954 [CM 20358], Oyama, 1973 [CM20358]

Solen gouldi: Yokoyama, 1927b [CM24521], Taki and Oyama, 1954 [CM24380]

Solen gouldii: Tokunaga, 1906 [CM13526], Yokoyama, 1925a [CM22207], Yokoyama, 1927a [CM23951], Yokoyama, 1927b [CM24380]

Solen grandis: Yokoyama, 1922a [CM21245-21247], Yokoyama, 1925a [CM22206], Yokoyama, 1925c [CM22585], Yokoyama, 1926c [CM22878,22879], Yokoyama, 1927c [CM24884], Taki and Oyama, 1954 [CM21245], Oyama, 1973 [CM21245]

Solen krusensterni: Otuka, 1932 [CM10628], Taki and Oyama, 1954 [CM21248], Chinzei, 1961 [CM8757-8761]

Solen krusensternii: Tokunaga, 1906 [CM13527-13529], Yokoyama, 1922a [CM 21248-21253], Yokoyama, 1925c [CM22586,22587], Yokoyama, 1926g [CM23447], Yokoyama, 1926j [CM27206], Yokoyama, 1927a [CM23947-23950], Yokoyama, 1927b [CM24377-24379], Yokoyama, 1927c [CM24881-24883]

Solen sp.: Yokoyama, 1932a [CM26108]

Solen sp.: Otuka, 1934 [CM12022,12023]

Solen sp.: Otuka, 1935b [CM12609]

Solen strictus: Oyama, 1973 [CM24380]

Soletellina minoensis: Yokoyama, 1926c [CM22884-22888]

Soletellina (Nuttalia) olivacea: Taki and Oyama, 1954 [CM21268,21271]

Soletellina olivacea: Yokoyama, 1922a [CM21268-21271], Yokoyama, 1927b [CM 24384]

Soletellina (Soletellina) atrata: Taki and Oyama, 1954 [CM21263,21264]

Soletellina(?) sp.: Yokoyama, 1927e [CM26337,26338]

Soletellina violacea: Yokoyama, 1922a [CM21263-21267], Yokoyama, 1925a [CM 22217-22219], Yokoyama, 1927b [CM24515], Yokoyama, 1930a [CM25605]

Spisula bernardi: Yokoyama, 1922a [CM21219-21221], Otuka, 1932 [CM10629]

Spisula grayana: Yokoyama, 1922a [CM21216-21218], Yokoyama, 1925a [CM22203 -22205], Yokoyama, 1925b [CM22494], Yokoyama, 1925c [CM22583], Yokoyama, 1926b [CM22789], Yokoyama, 1926e [CM23027], Yokoyama, 1926f [CM23200], Yokoyama, 1926j [CM27205,27249], Yokoyama, 1927e [CM26336], Yokoyama, 1929b [CM26908], Yokoyama, 1930c [CM25669], Otuka, 1936a [CM12792], Makiyama, 1957 [CM22203], Makiyama, 1959 [CM26336,26908]

Spisula (Mactromeris) voyi: Taki and Oyama, 1954 [CM21216,21217], Chinzei, 1961 [CM8730-8739], Oyama, 1973 [CM21216,21217]

Spisula onnechiuria: Otuka, 1940b [CM12660,12669]

Spisula (Oxyperas) sp.: Iwasaki, 1970 [CM9273]

Cenozoic Bivalvia (continued)

Spisula polynyma voyi: Makiyama, 1958 [CM22583]

Spisula (Pseudocardium) kurikoma: Chinzei, 1961 [CM8717-8729]

Spisula (Pseudocardium) sachalinensis: Oyama, 1973 [CM21206,21207,21211, 21212]

Spisula sachalinensis: Taki and Oyama, 1954 [CM21206,21207,21211,21212], Makiyama, 1958 [CM22582], Makiyama, 1959 [CM26903,26905]

Spisula? sp.: Otuka, 1934 [CM12033]

Spisula voyi: Chinzei, 1973 [CM8249,8250]

Spondylus cruentus: Yokoyama, 1922a [CM21547], Yokoyama, 1924a [CM21961, 21962], Yokoyama, 1926f [CM23259], Otuka, 1935b [CM12529,12530], Taki and Oyama, 1954 [CM21547,21961], Oyama, 1973 [CM21547,21961]

Spondylus (Meotolima) ogasawaranus: Iwasaki, 1975 [CM8480-8489]

Striarca (Didimacar) tenebrica: Taki and Oyama, 1954 [CM20611,21989], Oyama, 1973 [CM20611,21989]

Striarca (Galactella) interplicata: Oyama, 1973 [CM20613,24543]

Striarca (Galactella) yokoyamai: Taki and Oyama, 1954 [CM20613,24543]

Sunetta (Cyclosunetta) menstrualis: Taki and Oyama, 1954 [CM21341-21343], Oyama, 1973 [CM21341-21343]

Sunetta excavata: Yokoyama, 1922a [CM21341-21347], Yokoyama, 1923d [CM 24663], Yokoyama, 1927b [CM24421,24422]

Tapes amabilis: Yokoyama, 1920 [CM20419]

Tapes decussata var. *philippinarum*: Tokunaga, 1906 [CM13581,13582]

Tapes euglyptus: Tokunaga, 1906 [CM13584,13585], Yokoyama, 1922a [CM21375], Yokoyama, 1923d [CM24664,24678], Yokoyama, 1926g [CM23472,23473], Yokoyama, 1927a [CM24021,24022], Makiyama, 1957 [CM24664]

Tapes philippinarum: Yokoyama, 1920 [CM20417,20418], Yokoyama, 1922a [CM 21376,21377], Yokoyama, 1927a [CM24017-24020], Yokoyama, 1927b [CM24432]

Tapes rigidus: Tokunaga, 1906 [CM13583]

Tapes (Ruditapes) japonicus: Oyama, 1973 [CM20417]

Tapes (Ruditapes) variegatus kioroshiensis: Oyama, 1973 [CM20414,20415]

Tapes (Siratoria) siratoriensis: Otuka, 1937a [CM25550], Otuka, 1938c [CM 12737]

Tapes sp.: Yokoyama, 1925d [CM22707-22710]

Tapes sp.: Yokoyama, 1929a [CM25550]

Tapes sp.: Yokoyama, 1930a [CM25613-25617]

Tapes sp.: Yokoyama, 1930c [CM25687]

Tapes sp.: Yokoyama, 1931a [CM25747]

Tapes sp.: Makiyama, 1958 [CM22707]

Cenozoic Bivalvia (continued)

Tapes? sp.: Yokoyama, 1926d [CM22983]

Tapes? sp.: Yokoyama, 1930a [CM25618]

Tapes? sp.: Yokoyama, 1931a [CM25805]

Tapes undulatus: Yokoyama, 1925a [CM22251,22252], Yokoyama, 1927b [CM24433, 24434]

Tapes(?) uyemurai: Yokoyama, 1927e [CM26347-26351]

Tapes variegatus: Yokoyama, 1920 [CM20414-20416], Yokoyama, 1922a [CM21378 -21382], Yokoyama, 1925b [CM22508-22511], Yokoyama, 1926i [CM27166,27167], Yokoyama, 1927a [CM24015,24016], Yokoyama, 1927b [CM24429-24431], Makiyama, 1957 [CM22510]

Taras ferruginata: Otuka, 1934 [CM11954-11956,11958,11971,11979,12943]

Taras lunaris: Otuka, 1935b [CM12549a,12549b]

Tellina aff. *rutile*: Tokunaga, 1906 [CM13562,13563]

Tellina alternata var. *chibana*: Yokoyama, 1922a [CM21286-21290], Yokoyama, 1924b [CM22072], Yokoyama, 1926j [CM27210], Yokoyama, 1927b [CM24398]

Tellina besshoensis: Yokoyama, 1924b [CM22074,22075], Yokoyama, 1925a [CM 22220], Yokoyama, 1925b [CM22376-22378], Yokoyama, 1928b [CM25353], Yokoyama, 1929b [CM26915,26916], Yokoyama, 1930c [CM25670]

Tellina delta: Yokoyama, 1922a [CM21297-21303], Yokoyama, 1927a [CM23977-23979], Yokoyama, 1927b [CM24395-24397]

Tellina iridella: Yokoyama, 1924a [CM21910,21911], Yokoyama, 1927a [CM23968 -23970], Yokoyama, 1927b [CM24392]

Tellina izurensis: Yokoyama, 1925a [CM22224], Yokoyama, 1927e [CM26340, 26341]

Tellina jedoensis: Yokoyama, 1922a [CM21272-21274,21670], Yokoyama, 1926i [CM27159], Yokoyama, 1927a [CM23960-23962]

Tellina kakumana: Yokoyama, 1927c [CM24891]

Tellina miyatensis: Yokoyama, 1920 [CM20374], Yokoyama, 1922a [CM21292-21296], Yokoyama, 1926j [CM27209], Yokoyama, 1927a [CM23975,23976]

Tellina (Moerella?) sp.: Iwasaki, 1970 [CM9274]

Tellina nipponica: Tokunaga, 1906 [CM13564]

Tellina nitidula: Tokunaga, 1906 [CM13551,13552], Yokoyama, 1920 [CM20364, 20365], Yokoyama, 1922a [CM21281-21285,21671], Yokoyama, 1927a [CM23964-23967], Yokoyama, 1927b [CM24387-24391], Yokoyama, 1927c [CM24888-24890]

Tellina ojiensis: Tokunaga, 1906 [CM13561], Yokoyama, 1920 [CM20366-20369], Yokoyama, 1922a [CM21291], Yokoyama, 1926i [CM27160], Yokoyama, 1927a [CM23971], Yokoyama, 1927b [CM24399,24400]

Tellina optiva: Yokoyama, 1923c [CM24565-24567], Yokoyama, 1925a [CM22221-22223,27090,27091], Yokoyama, 1925d [CM22695-22697], Yokoyama, 1926d [CM 22962], Yokoyama, 1926e [CM23029-23031], Yokoyama, 1930c [CM25671-25677], Yokoyama, 1931a [CM25794,25823,25868]

Cenozoic Bivalvia (continued)

Tellina pallidula: Yokoyama, 1927b [CM24393,24394,24513]

Tellina (Peronidia) lutea t-matumotoi: Otuka, 1940b [CM12663,12668,12670, 12677,12678]

Tellina (peronidia) protovenulosa: Chinzei, 1961 [CM8742-8755]

Tellina radiato-lineata: Yokoyama, 1924a [CM21912-21914]

Tellina sejugata: Yokoyama, 1924b [CM22073], Yokoyama, 1925c [CM22589]

Tellina serricostata: Tokunaga, 1906 [CM13556-13558], Yokoyama, 1920 [CM 20372,20373], Yokoyama, 1927a [CM23973,23974]

Tellina sp.: Yokoyama, 1925b [CM22379,22497]

Tellina sp.: Yokoyama, 1926d [CM22971,22980]

Tellina sp.: Yokoyama, 1931a [CM25782,25795,25824]

Tellina sp.: Yokoyama, 1932a [CM26117-26121]

Tellina sp.: Otuka, 1936a [CM13034]

Tellina sp.: Otuka, 1943b [CM13254]

Tellina sp.: Yokoyama, 1926g [CM23448]

Tellina? sp.: Yokoyama, 1932a [CM26122]

Tellina tenera: Tokunaga, 1906 [CM13559,13560]

Tellina venulosa: Yokoyama, 1922a [CM21275-21280], Yokoyama, 1927a [CM 23963], Yokoyama, 1927b [CM24386], Yokoyama, 1927c [CM24885-24887], Yokoyama, 1927e [CM26339], Yokoyama, 1929b [CM26914], Yokoyama, 1932a [CM 26115,26116], Makiyama, 1959 [CM26339,26914]

Tellina vestalioides: Yokoyama, 1920 [CM20370,20371], Yokoyama, 1927a [CM 23972]

Tellina? wagaensis: Otuka, 1943b [CM13243]

Tellina yedoensis: Tokunaga, 1906 [CM13553-13555]

Teredo sp.: Yokoyama, 1927b [CM24357]

Teredo sp.: Yokoyama, 1929b [CM26898]

Teredo sp.: Yokoyama, 1930c [CM25660]

Teredo sp.: Yokoyama, 1932a [CM26096]

Teredo sp.: Taki and Oyama, 1954 [CM24357]

"Teredo" sp.: Oyama, 1973 [CM24357]

Theora (Endopleura) lubrica: Taki and Oyama, 1954 [CM23957,23958]

Theora lubrica: Yokoyama, 1927a [CM23957-23959], Yokoyama, 1927b [CM24385], Otuka, 1935b [CM12597,13026], Oyama, 1973 [CM23957,23958]

Thracia hamayashikiensis: Makiyama, 1958 [CM22608]

Thracia hitosaoensis: Otuka, 1941a [CM13249], Otuka, 1943b [CM13249]

Cenozoic Bivalvia (continued)

Thracia kakumana: Makiyama, 1957 [CM21701], Makiyama, 1959 [CM24891], Chinzei, 1973 [CM8085,8187-8191]

Thracia papyracea: Yokoyama, 1922a [CM21498-21500], Yokoyama, 1927b [CM 24473,24474], Otuka, 1932 [CM10633]

Thracia pubescens: Yokoyama, 1923a [CM21701], Yokoyama, 1925a [CM22295, 22296], Yokoyama, 1925c [CM22608], Yokoyama, 1927c [CM24934], Yokoyama, 1928b [CM25377], Yokoyama, 1930a [CM25630], Makiyama, 1957 [CM22295]

Thracia sematana: Yokoyama, 1930c [CM25718], Makiyama, 1959 [CM25718]

Thracia sp.: Yokoyama, 1930c [CM25718], Makiyama, 1959 [CM25718]

Thracia transmontana: Yokoyama, 1922a [CM21501-21506], Yokoyama, 1926f [CM 23244], Yokoyama, 1927a [CM24102,24103], Yokoyama, 1927b [CM24475], Otuka, 1935b [CM12621]

Thraciopsis transmontana: Taki and Oyama, 1954 [CM21501,21502], Oyama, 1973 [CM21501,21502]

Thyasira (Axinopsida) sp.: Iwasaki and Ono, 1977 [CM8476]

Thyasira bisecta: Yokoyama, 1924b [CM22091], Yokoyama, 1925a [CM22279-22284], Yokoyama, 1925c [CM22602], Yokoyama, 1925d [CM22730-22735], Yokoyama, 1926f [CM23216-23218], Yokoyama, 1926j [CM27254], Yokoyama, 1927b [CM24452], Yokoyama, 1927c [CM24917], Yokoyama, 1928b [CM25366], Yokoyama, 1929b [CM26932,26933], Yokoyama, 1930c [CM25705-25708], Yokoyama, 1931a [CM25750,25765,25779,25793,25806,25811], Otuka, 1943b [CM13235], Makiyama, 1957 [CM22091,22282], Makiyama, 1958 [CM22730,22731,23038,23216,23217], Chinzei, 1973 [CM8141-8143]

Thyasira bisecta nipponica: Yokoyama, 1926e [CM23038], Otuka, 1943b [CM13236]

Thyasira bisecta var. *nipponica*: Yokoyama, 1926d [CM22972,23007], Yokoyama, 1926e [CM23038,23039,27098], Yokoyama, 1926j [CM27255,27276]

Thyasira bisectoides: Otuka, 1943b [CM13237]

Thyasira (Conchocele) bisecta: Oyama, Mizuno and Sakamoto, 1960 [CM22091]

Thyasira (Conchocele)(bisecta var.?*) disjuncta*: Taki and Oyama, 1954 [CM 24452]

Thyasira crassiuscula: Yokoyama, 1927c [CM24918], Makiyama, 1959 [CM24918]

Thyasira gouldii: Yokoyama, 1927a [CM24063], Yokoyama, 1927b [CM24453, 24514], Yokoyama, 1928b [CM25367], Yokoyama, 1929b [CM26934], Makiyama, 1959 [CM26934]

Thyasira nipponica: Otuka, 1935b [CM13021,13022]

Thyasira ozawai: Yokoyama, 1926f [CM23219], Makiyama, 1958 [CM23219]

Thyasira rotundata: Yokoyama, 1926j [CM23573,23574], Otuka, 1939a [CM12852]

Thyasira (Thyasira) tokunagai: Taki and Oyama, 1954 [CM24063,24453,24514], Oyama, 1973 [CM24063,24453,24514]

Thyasira trigonata: Yokoyama, 1922a [CM21417,21418]

Cenozoic Bivalvia (continued)

"Thyasira" trigonata: Taki and Oyama, 1954 [CM21417,2;418]

Thyasira yabei: Otuka, 1935b [CM12548]

Timoclea nipponica: Mizuno, 1953 [CM15286-15288]

Trachycardium aff. *elongatum*: Makiyama, 1958 [CM22964]

Trachycardium angustum: Makiyama, 1958 [CM22599]

Trachycardium burchardi: Makiyama, 1958 [CM22803,22804]

Trachycardium shiobarense: Makiyama, 1958 [CM22806-22809], Makiyama, 1959 [CM25966]

Trapezium cf. *jobanicum*: Iwasaki and Ono, 1977 [CM8474,8475]

Trapezium japonica: Otuka, 1935b [CM12536]

Trapezium liratum: Yokoyama, 1922a [CM21478], Yokoyama, 1927b [CM24471], Yokoyama, 1929a [CM25552]

Trapezium (Neotrapezium) japonicum: Taki and Oyama, 1954 [CM21472], Oyama, 1973 [CM21472]

Trapezium (Neotrapezium) liratum: Oyama, 1973 [CM21475,21477,21478]

Trapezium (Neotrapezium) nipponicum: Taki and Oyama, 1954 [CM21475,21477, 21478]

Trapezium nipponicum: Yokoyama, 1922a [CM21473-21476], Yokoyama, 1926f [CM 23240,23241], Yokoyama, 1927a [CM24092-24095]

Trapezium ventricosum: Yokoyama, 1922a [CM21477]

Tresus keenae: Oyama, 1973 [CM21201,21202,21235]

Tresus nuttali: Tokunaga, 1906 [CM13549,13550], Yokoyama, 1922a [CM21235-21239], Yokoyama, 1925c [CM22584], Yokoyama, 1926i [CM27158], Yokoyama, 1927a [CM23941-23943]

Tresus sp.: Tokunaga, 1906 [CM13548]

Tresus sp.: Yokoyama, 1925b [CM22496]

Trichomusculus divaricatus: Otuka, 1935a [CM12501,12502]

Umitakea japonica: Oyama, 1973 [CM20337,20338]

Unio kobayashiensis: Otuka, 1934 [CM12910]

Unio moraiensis: Suzuki, 1941d [CM15245-15247,15250-15252]

Unio perdahuricus: Makiyama, 1959 [CM26277]

Unio uryuensis: Suzuki, 1941b [CM15202], Oyama, Mizuno and Sakamoto, 1960 [CM15202]

Varicorbula bifrons: Taki and Oyama, 1954 [CM21186], Oyama, 1973 [CM21186]

Varicorbula yokoyamai: Taki and Oyama, 1954 [CM21181,21182], Oyama, 1973 [CM21181,21182]

Vasticardium otukai: Oyama, Mizuno and Sakamoto, 1960 [CM22712]

Cenozoic Bivalvia (continued)

Venericardia cf. *ferruginea*: Yokoyama, 1932a [CM26250-26253]

Venericardia cf. *tokunagai*: Yokoyama, 1926d [CM22979]

Venericardia cipangoana: Yokoyama, 1920 [CM20470,20473,20474], Yokoyama, 1922a [CM21445-21450], Yokoyama, 1923a [CM21696], Yokoyama, 1926f [CM 23225,27114], Yokoyama, 1926j [CM27225], Yokoyama, 1927b [CM24468], Yokoyama, 1927c [CM24926,24927], Yokoyama, 1927e [CM26359], Yokoyama, 1928b [CM25371]

Venericardia (Cyclocardia?) abesinaiensis: Otuka, 1940b [CM12661]

Venericardia (Cyclocardia) aomoriensis: Chinzei, 1961 [CM8655]

Venericardia (Cyclocardia) cf. *crebricostata*: Chinzei, 1961 [CM8654]

Venericardia (Cyclocardia) crebricostata: Otuka, 1939a [CM12834]

Venericardia (Cyclocardia?) dodairensis: Oyama, Mizuno and Sakamoto, 1960 [CM22095,22096]

Venericardia (Cyclocardia) ferruginea: Taki and Oyama, 1954 [CM20475, 20476], Oyama, 1973 [CM20475,20476]

Venericardia (Cyclocardia) ferruginea orbicularis: Makiyama, 1957 [CM21697]

Venericardia (Cyclocardia) inflata: Mizuno, 1952 [CM15278,15279]

Venericardia (Cyclocardia) laxata: Oyama, Mizuno and Sakamoto, 1960 [CM 22094]

Venericardia (Cyclocardia) orbica: Oyama, Mizuno and Sakamoto, 1960 [CM 22404]

Venericardia (Cyclocardia) pacifera: Oyama, Mizuno and Sakamoto, 1960 [CM 22093]

Venericardia (Cyclocardia) siogamensis: Otuka, 1941a [CM12680,12681,12684], Mizuno, 1952 [CM15280]

Venericardia (Cyclocardia) tokunagai: Oyama, Mizuno and Sakamoto, 1960 [CM 22092]

Venericardia (Cyclocardia) vestitoides: Mizuno, 1952 [CM15275-15277]

Venericardia (Cyclocardia?) vestitoides: Oyama, Mizuno and Sakamoto, 1960 [CM15275-15277]

Venericardia ferruginea: Yokoyama, 1920 [CM20475-20485], Yokoyama, 1922a [CM21451-21453], Yokoyama, 1925a [CM22287-22294], Yokoyama, 1925b [CM 22400-22403,22528], Yokoyama, 1925d [CM22737,22738], Yokoyama, 1926e [CM 23041], Yokoyama, 1926f [CM23226-23228], Yokoyama, 1926j [CM27226,27260, 27283], Yokoyama, 1927a [CM24083-24085], Yokoyama, 1927c [CM24923-24925], Yokoyama, 1927d [CM24984-24986], Yokoyama, 1928a [CM25218], Yokoyama, 1928b [CM25372-25373], Yokoyama, 1930a [CM25623], Yokoyama, 1931a [CM 25817], Otuka, 1934 [CM12916-12921], Otuka, 1935b [CM12543], Otuka, 1936a [CM12789], Otuka, 1936c [CM12808,13048]

Venericardia ferruginea ochiaiensis: Chinzei, 1959 [CM8501-8512]

Venericardia ferruginea var. *orbicularis*: Yokoyama, 1923a [CM21697,21698]

Cenozoic Bivalvia (continued)

Venericardia ferruginosa: Otuka, 1932 [CM10634], Otuka, 1934 [CM11940-11944], Otuka, 1935b [CM12542]

Venericardia laxata: Yokoyama, 1924b [CM22094,27072-27080], Yokoyama, 1925b [CM22393-22398]

Venericardia (Megacardita) ferruginosa: Oyama, 1973 [CM20472,21445]

Venericardia (Megacardita) japonica: Mizuno, 1952 [CM15281,15282], Oyama, Mizuno and Sakamoto, 1960 [CM15281,15282]

Venericardia (Megacardita) kiiensis cipangoana: Taki and Oyama, 1954 [CM 21445]

Venericardia (Megacardita) kiiensis "cipangoana": Taki and Oyama, 1954 [CM 20472]

Venericardia (Miodontiscus) prolongata: Makiyama, 1958 [CM23229]

Venericardia nakamurai: Yokoyama, 1923a [CM21699], Yokoyama, 1926f [CM23229, 23230], Yokoyama, 1927c [CM24928,24929], Otuka, 1935b [CM12544], Makiyama, 1957 [CM21699]

Venericardia nipponica: Yokoyama, 1911b [CM20016,20032], Makiyama, 1958 [CM20016]

Venericardia ochiaiensis: Chinzei, 1958 [CM8501-8512]

Venericardia orbica: Yokoyama, 1925b [CM22404]

Venericardia pacifera: Yokoyama, 1924b [CM22093,27070,27071], Yokoyama, 1925b [CM22399], Yokoyama, 1931a [CM25842,25845]

Venericardia panda: Otuka, 1938b [CM12695], Makiyama, 1958 [CM23479,23480]

Venericardia sp.: Yokoyama, 1924b [CM22095,22096]

Venericardia sp.: Yokoyama, 1925d [CM22736]

Venericardia sp.: Yokoyama, 1926c [CM22917]

Venericardia sp.: Yokoyama, 1930c [CM25714-25716]

Venericardia sp.: Yokoyama, 1931a [CM25774,25778]

Venericardia sp.: Yokoyama, 1932a [CM26254]

Venericardia sp.: Makiyama, 1957 [CM22095,22096]

Venericardia subnipponica: Makiyama, 1958 [CM22736]

Venericardia tokunagai: Yokoyama, 1924b [CM22092,27069], Yokoyama, 1926c [CM22911-22916], Yokoyama, 1929b [CM26935,26936], Yokoyama, 1932a [CM 26249]

Venericardia toneana: Yokoyama, 1922a [CM21454-21457,21674], Yokoyama, 1927a [CM24086,24087], Otuka, 1932 [CM10635]

Venericardia (Venericor) mandaica: Oyama, Mizuno and Sakamoto, 1960 [CM 20018-20020]

Venericardia (Venericor) nipponica: Oyama, Mizuno and Sakamoto, 1960 [CM 20016]

Cenozoic Bivalvia (continued)

Venerupis (Amygdala) semidecussata: Taki and Oyama, 1954 [CM20417]

Venerupis (Amygdala) variegata var.: Taki and Oyama, 1954 [CM20414,20415]

Venerupis insignis: Yokoyama, 1920 [CM20410-20413], Yokoyama, 1924a [CM 21927]

Venerupis irus: Yokoyama, 1920 [CM20407-20409], Yokoyama, 1924a [CM21925, 21926,22024]

Venerupis semipurpurea: Yokoyama, 1922a [CM21369-21374]

Ventricolaria toreuma: Oyama, 1973 [CM21924]

Ventricoloidea foveolata: Makiyama, 1958 [CM23467-23469,23536]

Venus foliacea: Tokunaga, 1906 [CM13573]

Venus furtiva: Yokoyama, 1924b [CM22079]

Venus jedoensis: Yokoyama, 1920 [CM20394-20400], Yokoyama, 1922a [CM21354-21356], Yokoyama, 1924a [CM21922,21923,22023], Yokoyama, 1925a [CM22248], Yokoyama, 1926f [CM23209], Yokoyama, 1927b [CM24425]

Venus laetifica: Yokoyama, 1928b [CM25358]

Venus (Mercenaria) stimpsoni: Yokoyama, 1922a [CM21348-21353], Yokoyama, 1923c [CM24568-24572], Yokoyama, 1923d [CM24662], Yokoyama, 1925a [CM 22247], Yokoyama, 1925b [CM22506,22507], Yokoyama, 1925c [CM22592,22593], Yokoyama, 1926f [CM23208], Yokoyama, 1926g [CM23460], Yokoyama, 1926j [CM27216,27250], Yokoyama, 1927a [CM24005,24006], Yokoyama, 1927d [CM 24979,24980], Yokoyama, 1928b [CM25357], Yokoyama, 1931a [CM25800,25809]

Venus (Mercenaria) stimpsoni (?): Yokoyama, 1925d [CM22705]

Venus Mitsiana: Yokoyama, 1911b [CM20022]

Venus? mitsuiana: Makiyama, 1957 [CM20022]

Venus neastartoides: Yokoyama, 1922a [CM21357-21362], Yokoyama, 1927b [CM 24423,24424]

Venus ozawai: Yokoyama, 1926g [CM23461-23463], Makiyama, 1958 [CM23461]

Venus? okadana: Yokoyama, 1932a [CM26136-26145]

Venus rigida: Yokoyama, 1927a [CM24007-24009], Yokoyama, 1931a [CM25836], Yokoyama, 1932a [CM26133]

Venus sannosawensis: Makiyama, 1959 [CM26134]

Venus? sannosawensis: Yokoyama, 1932a [CM26134,26135]

Venus sp.: Yokoyama, 1926d [CM22963]

Venus sp.: Makiyama, 1958 [CM22706]

Venus? sp.: Yokoyama, 1925d [CM22706]

Venus stimpsoni: Tokunaga, 1906 [CM13571,13572], Yokoyama, 1927c [CM24904], Yokoyama, 1932a [CM26131,26132]

Venus terrena: Yokoyama, 1924b [CM22080,27059]

Cenozoic Bivalvia (continued)

Venus tokudai: Makiyama, 1959 [CM26147]

Venus toreuma: Yokoyama, 1924a [CM21924], Yokoyama, 1925a [CM22249,22250]

Venus (Venus) toreuma: Taki and Oyama, 1954 [CM21924]

Vermetus ebaranus: Yokoyama, 1927a [CM23758-23761], Yokoyama, 1928a [CM 25141-25143]

"Vermetus" ebaranus: Yokoyama, Taki and Oyama, 1954 [CM23758-23760]

Volsella (Amygdalum) izirii: Otuka, 1943a [CM13203,13207]

Volsella barbata: Otuka, 1934 [CM11927,11936,11937]

Volsella difficilis: Makiyama, 1958 [CM22612]

Volsella (Volsella) compta: Taki and Oyama, 1954 [CM21513]

Volsella (Volsella) difficilis: Taki and Oyama, 1954 [CM20511]

Volsella (Volsella) nipponica: Taki and Oyama, 1954 [CM21956]

Woodia concentrica: Yokoyama, 1920 [CM20491,20493]

Yoldia breviscapha: Yokoyama, 1932a [CM26310], Makiyama, 1959 [CM26310]

Yoldia (Cnesterium) keppeliana notabilis: Otuka, 1936a [CM12773,12774]

Yoldia (Cnesterium) notabilis: Taki and Oyama, 1954 [CM21654], Iwasaki, 1970 [CM8895-8897], Oyama, 1973 [CM21654]

Yoldia (Cnesterium) yabei: Oyama, Mizuno and Sakamoto, 1960 [CM22110]

Yoldia cooperi ochotensis: Otuka, 1934 [CM11847,11848,11852,11853]

Yoldia ensicula: Yokoyama, 1926b [CM22836], Makiyama, 1958 [CM22836]

Yoldia gratiosa: Yokoyama, 1923c [CM24591,26366], Yokoyama, 1925d [CM22762], Yokoyama, 1926d [CM22997]

Yoldia intermedia kadonosawaensis: Otuka, 1934 [CM11849,11850,12883-12886]

Yoldia japonica: Yokoyama, 1928a [CM25261]

Yoldia lanceolata: Tokunaga, 1906 [CM13614]

Yoldia laudabilis: Yokoyama, 1924b [CM22111,27086,27087], Makiyama, 1957 [CM22111]

Yoldia lischkei: Yokoyama, 1925a [CM22352,22353]

Yoldia notabilis: Yokoyama, 1922a [CM21654,21655], Yokoyama, 1927a [CM24166, 24167], Yokoyama, 1927c [CM24964-24966], Yokoyama, 1929b [CM26952-26956], Otuka, 1939a [CM12844], Makiyama, 1959 [CM26952], Chinzei, 1973 [CM8248]

Yoldia sagittaria: Yokoyama, 1925b [CM22428-22431,22537], Yokoyama, 1926c [CM22942], Yokoyama, 1926e [CM23061,23062], Yokoyama, 1927e [CM26364], Yokoyama, 1929b [CM26951], Yokoyama, 1930c [CM25734-25737], Yokoyama, 1931a [CM25776,25783], Yokoyama, 1932a [CM26307,26308], Otuka, 1934 [CM 11851], Makiyama, 1957 [CM22428,22430], Makiyama, 1958 [CM23061], Makiyama, 1959 [CM26364,26951]

Cenozoic Bivalvia (continued)

Yoldia scapha: Yokoyama, 1926e [CM23063-23068], Yokoyama, 1926f [CM23305], Yokoyama, 1929b [CM26947-26950], Yokoyama, 1930c [CM25732,25733], Yokoyama, 1932a [CM26309], Makiyama, 1958 [CM23305]

Yoldia sp.: Yokoyama, 1932a [CM26311,26312]

Yoldia sp.: Otuka, 1936 [CM12887]

Yoldia sp.: Otuka, 1936 [CM11862]

Yoldia thraciaeformis: Otuka, 1934 [CM11846], Otuka, 1939a [CM12845], Otuka, 1943b [CM13226], Makiyama, 1958 [CM23064-23068], Makiyama, 1959 [CM26948,26949]

Yoldia tokunagai: Yokoyama, 1925b [CM22433-22447], Makiyama, 1957 [CM22434, 22436,22437,22439,22441-22443]

Yoldia (Yoldia) laudabilis var. *h-matsuii*: Mizuno, 1954 [CM15304,15305], Oyama, Mizuno and Sakamoto, 1960 [CM15304]

Yoldia (Yoldia) laudabilis: Mizuno, 1954 [CM15289-15301,22111], Oyama, Mizuno and Sakamoto, 1960 [CM15289,15292,22111]

Yoldia (Yoldia) naganumana: Taki and Oyama, 1954 [CM20685], Oyama, 1973 [CM20685]

Yoldia yabei: Makiyama, 1957 [CM22109,22110]

Zirfaea subconstricta: Oyama, 1973 [CM21899,21903]

Zirphaea subconstricta: Taki and Oyama, 1954 [CM21899,21903]

Zirphaea subconstricta kotorai: Otuka, 1934 [CM12053]

Zozia uetanii: Otuka, 1938c [CM12740,12741]

RECENT BIVALVIA

Amusium pleuronectes: Otuka, 1936d [RM13091]

Anadara gubernaculum luzonica: Otuka, 1936b [RM13073]

Anadara nodifera: Otuka, 1936b [RM13072]

Barbatia decussata: Otuka, 1936b [RM13070]

Barbatia fusca: Otuka, 1936b [RM13069]

Barbatia obtusoides: Otuka, 1936b [RM13071]

Brachidontes setiger: Otuka, 1936d [RM13082,13083]

Cardium (Nemocardium) bechei: Otuka, 1937b [RM13125]

Cardium (Ringicardium) asiaticum: Otuka, 1937b [RM13127]

Cardium (Ringicardium?) mansitii: Otuka, 1937b [RM13129]

Cardium (Ringicardium) multispinosum: Otuka, 1937b [RM13128]

Cardita cumingiana: Otuka, 1937b [RM13114]

Cardita nodulosa: Otuka, 1937b [RM13115]

Recent Bivalvia (continued)

Cardita variegata: Otuka, 1937b [RM13113]

Chama sp.: Otuka, 1937b [RM13124]

Chlamys irregularis: Otuka, 1936d [RM13093]

Codakia interrupta: Otuka, 1937b [RM13122]

Codakia (Pillucina) pisidium: Otuka, 1937b [RM13123]

Corbicula fluminea: Otuka, 1937b [RM13116]

Corbicula subsulcata: Otuka, 1937b [RM13117]

Corculum (Fragum) bannoi: Otuka, 1937b [RM13131,13132]

Corculum (Lunulicardia) retusum: Otuka, 1937b [RM13133]

Crassatellites (Crassatina) foveolatus: Otuka, 1937b [RM13110]

Isognomon acutirostris: Otuka, 1936d [RM13087]

Isognomon perna: Otuka, 1936d [RM13088]

Joannisiella sp.: Otuka, 1937b [RM13121]

Lima lima: Otuka, 1936d [RM13094]

Limopsis multistriata: Otuka, 1936b [RM13068]

Lithophaga (Botula) cinnamomea: Otuka, 1936d [RM13085]

Lithophaga malayana: Otuka, 1936d [RM13086]

Nuculana gordonis takaoensis: Otuka, 1936b [RM13064-13066]

Nucula (Nucula) niponica: Otuka, 1936a [RM12771]

Pandora (Kennerlia) bicarinata: Otuka, 1936a [RM13035]

Plicatula simplex: Otuka, 1936d [RM13090]

Pteria (Pinctada) martensii: Otuka, 1936d [RM13089]

Septifer bilocularis: Otuka, 1936d [RM13084]

Serripes laperousii: Otuka, 1935c [RM13027]

Serripes notabilis: Otuka, 1935c [RM13028]

Trapezium aff. *sublaevigatum*: Otuka, 1937b [RM13119]

Trapezium japonicum: Otuka, 1937b [RM13118]

Trisidos semitorta: Otuka, 1936b [RM13076]

Venericardia (Cardites) crenulicostata: Otuka, 1937b [RM13111]

Venericardia (Cardites) granulicostata: Otuka, 1937b [RM13112]

Volsella philippinarum: Otuka, 1936d [RM13080]

Yoldia lepidula: Otuka, 1936b [RM13067]

Yoldia (Yoldia) limatula: Mizuno, 1954 [RM15302,15303]

CENOZOIC CEPHALOPODA

Argonauta hians: Kobayashi, 1954c [CM4682]

Argonatuta tokunagai: Tokoyama, 1913 [CM4680,4690], Kobayashi, 1954c [CM 4680]

"Aturia" matsushitai: Kobayashi, 1956a [CM4684], Oyama, Mizuno and Sakamoto [CM4684]

Aturia minoensis: Kobayashi, 1954d [CM4683], Kobayashi, 1960 [CM4701]

Aturia cf. *minoensis*: Kobayashi and Horikoshi, 1958 [CM4695,4696], Kobayashi, 1960 [CM4702]

Aturia nagaoi: Oyama, Mizuno and Sakamoto, 1960 [CM20025]

Aturia ziczac: Yokoyama, 1911b [CM20025,20026], Makiyama, 1957 [CM20025, 20026]

Eutrephoceras japonicum: Kobayashi and Kamada, 1959a [CM8494,8498,8499], Kobayashi and Kamada, 1959b [CM8495-8497,8500]

Izumonauta kagana: Kobayashi, 1956b [CM4685,4686]

Izumonauta kasataniensis: Kobayashi, 1956b [CM4687-4689]

Izumonauta lata: Kobayashi, 1954c [CM4681]

Izumonauta tokunagai: Kobayashi, 1956b [CM4690]

Nautilus izumoensis: Yokoyama, 1913 [CM24531]

"Nautilus" izumoensis: Kobayashi, 1960 [CM4697-4700]

Neocymatoceras tsukushiense: Kobayashi, 1954a [CM8492], Oyama, Mizuno and Sakamoto, 1960 [CM8492]

Obinautilus pulchra: Kobayashi, 1954b [CM8493], Oyama, Mizuno and Sakamoto [CM8493]

ARTHROPODA

CENOZOIC CRUSTACEA

Acanthocythereis? sp.: Yajima, 1982 [CA9843]

Actinocythereis kisarazuensis: Yajima, 1978 [CA8420,8421]

Ambostracon ikeyai: Yajima, 1978 [CA8433-8436]

Argilloecia lunata: Frydl, 1982 [CA15001-15005]

Aurila kiritsubo: Yajima, 1982 [CA9863-9865]

Aurila sp.: Yajima, 1982 [CA9866]

Aurila sp.: Frydl, 1982 [CA15017]

Aurila sp.: Frydl, 1982 [CA15018,15019]

Australimoosella tomokoae: Yajima, 1982 [CA9853-9855]

Balanus amaraquaticus: Yamaguchi, 1980 [CA9950-9999]

Cenozoic Crustacea (continued)

Balanus crenatus: Yamaguchi, 1977a,b [CA8331-8348]

Balanus kondakovi: Yamaguchi, 1977a,b [CA8326-8329]

Balanus (Megabalanus) rosa: Yamaguchi, 1973 [CA8205,8206], Yamaguchi,1977 a,b [CA8359,8360]

Balanus reticulatus: Yamaguchi, 1977a,b [CA8318-8324]

Balanus rostratus: Yamaguchi, 1977a,b [CA8279-8291]

Balanus sendaicus: Yamaguchi, 1982 [CA9641-9688]

Bicornucythere bisanensis: Okada, 1981 [CA15340]

Buntonia hanaii: Yajima, 1978 [CA8417,8418,8426-8428]

Buntonia sp.: Hanai, 1961a [CA8395]

Bythoceratina sp.: Yajima, 1982 [CA9875]

Bythocythere maisakensis: Yajima, 1982 [CA9873,9874]

Callistocythere alata: Yajima, 1982 [CA9822,9823]

Callistocythere hayamensis: Yajima, 1982 [CA9824,9825]

Callistocythere hotaru: Yajima, 1982 [CA9826,9827]

Callistocythere japonica: Yajima, 1982 [CA9829,9830]

Callistocythere numaensis: Frydl, 1982 [CA15007-15009]

Callistocythere rugosa: Yajima, 1982 [CA9828]

Callistocythere setanensis: Hanai, 1957a [CA2570,2571]

Callistocythere sp.: Yajima, 1978 [CA8437-8439]

Callistocythere sp.: Yajima, 1982 [CA9831,9832]

Callistocythere tateyamaensis: Frydl, 1982 [CA15010-15013,15043,15044]

Campylocythereis? ukifune: Yajima, 1982 [CA9856-9858]

Caudites? posterocostatus: Yajima, 1982 [CA9871]

Cirripedes: Yokoyama, 1923a [CA21721]

Cletocythereis rastromarginata: Yajima, 1982 [CA9844]

Coquimba ishizakii: Yajima, 1978 [CA8429-8432], Yajima, 1982 [CA9872]

Cornucoquimba tosaensis: Yajima, 1978 [CA8440-8442]

Coronula diadema: Yokoyama, 1910c [CA24527-24529]

Cythere japonica: Hanai, 1959b [CA3342-3345]

Cythere lutea uranipponica: Hanai, 1959b [CA3333-3337], Hanai, 1970 [CA 3333,3336]

Cytherois asamushiensis: Yajima, 1982 [CA9915,9916]

Cytherois sp.: Yajima, 1982 [CA9917,9918]

Cenozoic Crustacea (continued)

Cytherois? sp.: Frydl, 1982 [CA15039]

Cytheroma? hanaii: Yajima, 1978 [CA8413,8414]

Cytheromorpha acupunctata: Hanai, 1961a [CA8399]

Cytheropteron raum: Hanai, 1957c [CA2631]

Cytheropteron sawanense: Hanai, 1957c [CA2623-2626]

Cytheropteron uchioi: Hanai, 1957c [CA2627,2630]

Cytherura subundata: Hanai, 1957c [CA2606-2609]

Cytherura leptocytheroidea: Hanai, 1957c [CA2610,2611]

Eucytherura utsusemi: Yajima, 1982 [CA9879-9881]

Eucythere yugao: Yajima, 1982 [CA9815,9816]

Finmarchinella (Barentsovia) hanaii: Okada, 1979 [CA9614-9626]

Finmarchinella (Barentsovia) japonica: Yajima, 1982 [CA9861,9862]

Finmarchinella (Barentsovia) nealei: Okada, 1979 [CA9627-9631]

Finmarchinella (Finmarchinella) uranipponica: Yajima, 1982 [CA9859,9860]

Hemicythere sp.: Hanai, 1961a [CA8393]

Henicythere? sp.: Frydl, 1982 [CA15015]

Homolopsis japonicus: Yokoyama, 1911b [CA20027], Makiyama, 1957 [CA20027]

Howeina camptocytheroidea: Hanai, 1957c [CA2612-2615], Hanai, Ikeya, Ishizaki, Sekiguchi and Yajima, 1977 [CA2612,2613,8400,8408]

Kangarina hayamii: Yajima, 1982 [CA9892-9894]

Kobayashiina hyalinosa: Hanai, 1957c [CA2633-2636], Hanai, 1970 [CA3872], Hanai, Ikeya, Ishizaki, Sekiguchi and Yajima, 1977 [CA2633-2636,8409]

Krithe aff. *bartonensis*: Hanai, 1959a [CA2906,2907]

Krithe sawanensis: Hanai, 1959a [CA2908-2912]

Lixouria nipponica: Yajima, 1978 [CA8419,8424,8425]

Loxoconcha hanachirusato: Yajima, 1982 [CA9895-9898]

Loxoconcha laeta: Yajima, 1982 [CA9899,9900]

Loxoconcha optima: Yajima, 1982 [CA9901,9902]

Loxoconcha sp.: Hanai, 1961a [CA8402,8403]

Loxoconcha sp.: Frydl, 1982 [CA15030,15031]

Loxoconcha tamakazura: Yajima, 1982 [CA9903,9904]

Loxoconcha tosaensis: Yajima, 1982 [CA9905,9906]

Loxoconcha viva: Yajima, 1982 [CA9907,9908]

Loxocythere inflata: Hanai, 1959b [CA3346-3349]

Cenozoic Crustacea (continued)

Megabalanus volcano: Yamaguchi, 1977a,b [CA8349-8358,8361]

Munseyella hatatatensis: Yajima, 1982 [CA9817,9818]

Munseyella oborozukiyo: Yajima, 1982 [CA9819,9820]

Munseyella sp.: Yajima, 1982 [CA9821]

Mutilus (Mutilus) sp.: Hanai, 1961a [CA8394]

Nemonoceratina microreticulate: Hanai, 1970 [CA3844-3849], Yajima, 1982 [CA9835-9838]

Neomonoceratina sp.: Frydl, 1982 [CA15014]

Neocytherideis aoi: Yajima, 1982 [CA9805-9810]

Nipponocythere bicarinata: Yajima, 1982 [CA9909-9912]

Nipponocythere hastata: Frydl, 1982 [CA15032-15035]

Paijenborchella iocosa: Hanai, 1970 [CA3826,3827]

Paijenborchella miurensis: Hanai, 1970 [CA3835]

"Paijenborchella" sp.: Hanai, 1970 [CA3843]

Paijenborchella spinosa: Hanai, 1970 [CA3838-3842]

Paijenborchella triangularis: Hanai, 1970 [CA3828-3832,3869,3881]

Palmenella limicola: Hanai, 1970 [CA3850-3854]

Palmenella sp.: Hanai, 1970 [CA3855]

Paracypris sp.: Yajima, 1982 [CA9803,9804]

Paracypris sp.: Frydl, 1982 [CA15006]

Paracytheridea bosoensis: Yajima, 1978 [CA8415,8416]

Paracytheroma sp.: Yajima, 1982 [CA9921-9924]

Paradoxostoma sp.: Frydl, 1982 [CA15036]

Paradoxostoma sp.: Frydl, 1982 [CA15037]

Paradoxostoma sp.: Frydl, 1982 [CA15038]

Pectocythere quadrangulata: Hanai, 1957b [CA2594,2595], Hanai, Ikeya, Ishizaki, Sekiguchi and Yajima, 1977 [CA2594]

Pontocythere sp.: Yajima, 1982 [CA9811,9812]

Pontocythere sp.: Yajima, 1982 [CA9813,9814]

Propontocypris (Propontocypris) sp.: Frydl, 1982 [CA15042]

Propontocypris (Propontocypris) sp.: Yajima, 1982 [CA9801,9802]

Pseudocythere frydli: Yajima, 1982 [CA9876-9878]

Pseudopsammocythere tokyoensis: Yajima, 1978 [CA8410-8412]

Robertsonites? reticuliformis: Yajima, 1982 [CA9852]

Cenozoic Crustacea (continued)

Robustaurila assimilis: Yajima, 1982 [CA9867-9869]

Rocaleberis? sp.: Yajima, 1982 [CA9846]

Schizocythere asagao: Yajima, 1982 [CA9833,9834]

Schizocythere okhotskensis: Hanai, 1970 [CA3866-3868,3877-3880]

Sclerochilus sp.: Yajima, 1982 [CA9919]

Sclerochilus sp.: Yajima, 1982 [CA9920]

Semicytherura sabula: Frydl, 1982 [CA15o23-15029,15040,15041]

Semicytherura sp.: Yajima, 1982 [CA9891]

Semicytherura wakamurasaki: Yajima, 1982 [CA9882-9890]

Solidobalanus (Hesperibalanus) hesperius: Yamaguchi, 1977a,b [CA8300=8312]

Spinileberis quadriaculeata: Hanai, 1961b [CA4995-4999]

Stigmatocythere? sp.: Yajima, 1982 [CA9845]

"Toulminia" hokkaidoana: Hanai, 1957b [CA2593]

Tracyleberis so.: Yajima, 1978 [CA8422,8423]

Trachyleberis straba: Frydl, 1982 [CA15020-15022]

Trachyleberis? tosaensis: Yajima, 1982 [CA9839-9842]

Urocythereis? gorokuensis: Yajima, 1982 [CA9870]

Wichmannella bradyformis: Yajima, 1982 [CA9847-9851]

Xanthilites pentagonalis: Yokoyama, 1911b [CA20028,20029], Makiyama, 1975 [CA2008]

Xestoleberis suetsumuhana: Yajima, 1982 [CA9913,9914]

RECENT CRUSTACEA

Balanus albicostatus: Yamaguchi, 1977a,b [RA8265,8266,8271,8275,8313-8317, 8366,8371]

Balanus amphitrite: Yamaguchi, 1977a,b [RA8263,8264,8270,8274,8365,8370]

Balanus crenatus: Yamaguxhi, 1977a,b [RA8330]

Balanus kondakovi: Yamaguchi, 1977a,b [RA8268,8269,8273,8362-8364]

Balanus (Megabalanus) rosa: Yamaguchi, 1973 [RA8197-8199,8203,8204]

Balanus (Megabalanus) volcano: Yamaguchi, 1973 [RA8200-8204]

Balanus reticulatus: Yamaguchi, 1977a,b [RA8267,8272,8276,8367,8372]

Balanus rostratus: Yamaguchi, 1977a,b [RA8277,8278,8369,8373-8376]

Balanus trigonus: Yamaguchi, 1977a,b [RA8292-8294]

Bicornucythere bisanensis: Okada, 1981 [RA15339]

Bythoceratina sp.: Hanai, 1961a [RA8385,8386]

Recent Crustacea (continued)

Bythocytherinae new genus: Hanai, 1961a [RA8386]

Callistocythere alata: Hanai, 1957a [RA2547-2549]

Callistocythere hayamensis: Hanai, 1957a [RA2559-2561]

Callistocythere japonica: Hanai, 1957a [RA2572-2575]

Callistocythere japonica uranipponica: Hanai, 1957a [RA2576,2577]

Callistocythere minor: Hanai, 1957a [RA2585-2588]

Callistocythere nipponica: Hanai, 1957a [RA2541,2542]

Callistocythere pumila: Hanai, 1957a [RA2578-2581]

Callistocythere reticulata: Hanai, 1957a [RA2543-2546]

Callistocythere rugosa: Hanai, 1957a [RA2550-2553]

Callistocythere subjaponica: Hanai, 1957a [RA2566-2569]

Callistocythere undata: Hanai, 1957a [RA2554-2557]

Callistocythere undulatifacialis: Hanai, 1957a [RA2562-2565]

Cushmanidea japonica: Hanai, 1959a [RA2889-2891]

Cushmanidea kashiwarensis: Hanai, 1959a [RA2885-2888]

Cushmanidea miurensis: Hanai, 1959a [RA2896-2899]

Cushmanidea subjaponica: Hanai, 1959a [RA2892-2895]

Cythere lutea omotenipponica: Hanai, 1959b [RA3338-3341], Hanai, 1970 [RA 3883,3884]

Cytheropteron miurense: Hanai, 1957c [RA2632]

Cytheropteron sp.: Hanai, 1970 [RA3871]

Cytherura miurensis: Hanai, 1957c [RA2600,2601]

Cytherura quadrata: Hanai, 1957c [RA2603-2605]

Cytherura skippa: Hanai, 1957c [RA2602]

Cytherura tetragona: Hanai, 1957c [RA2598,2599]

Echinocythereis sp.: Hanai, 1961a [RA8397]

Eucytherinae new genus: Hanai, 1961a [RA8389]

Hemicytherura cuneata: Hanai, 1957c [RA2619,2620]

Henicytherura kajiyamai: Hanai, 1957c [RA2616-2618]

Hemicytherura tricarinata: Hanai, 1957c [RA2621,2622]

Howeina camptocytheroidea: Hanai, Ikeya, Ishizaki, Sekiguchi and Yajima, 1977 [RA8407]

Loxoconcha sp.: Hanai, 1961a [RA8400,8401]

Loxoconchinae new genus: Hanai, 1961a [RA8398]

Recent Crustacea (continued)

Microxestoleberis sp.: Hanai, 1961a [RA8390]

Neocyprideis pseudadonta: Hanai, 1959a [RA2901-2904]

Paijenborchella miurensis: Hanai, 1970 [RA3833,3834,3836,3837,3882]

Paradoloria pellucida: Hanai, 1974 [RA3901-3904]

Paradoxostoma yatsui: Hanai, 1961a [RA8387]

Parakrithella pseudadonta: Hanai, Ikeya, Ishizaki, Sekiguchi and Yajima, 1977 [RA2901,8404-8406]

Rotundracythere rotundra: Hanai, 1961a [RA8388]

Schizocythere kishinouyei: Hanai, 1970 [RA3856-3860,3870,3873-3876,3885,3886]

Schizocythere okhotskensis: Hanai, 1970 [RA3861-3865]

Solidobalanus (Hesperibalanus) hesperius: Yamaguchi, 1977a,b [RA8295-8299, 8368, 8377, 8378, 8380-8384]

Tanella miurensis: Hanai, 1957a [RA2582-2584]

"Toulminia" japonica: Hanai, 1957b [RA2589-2592]

Trachyleberis scabrocuneata: Hanai, 1961a [RA8396]

Xestoleberis sp.: Hanai, 1961a [RA8391,8392]

ECHINODERMATA

CENOZOIC ECHINOIDEA

Astriclypeus integer: Tokunaga (Yoshiwara), 1903 [CE13381-13384], Otuka, 1938b [CE12713]

Brissopsis luzonica: Tokunaga (Yoshiwara), 1903 [CE13399]

Coptosoma crenulare: Tokunaga (Yoshiwara), 1903 [CE13361]

Echinarachnius mirabilis: Tokunaga (Yoshiwara), 1903 [CE13370-13373], Tokunaga, 1906 [CE13691]

Echinarachnius parma: Tokunaga (Yoshiwara), 1903 [CE13374-13377]

Echinarachnius sp.: Otuka, 1940b [CE12667]

Echinodiscus formosus: Tokunaga (Yoshiwara), 1903 [CE13378-13380]

Echinolampas yoshiwarai: Tokunaga (Yoshiwara), 1903 [CE13386]

Fibularia acuta: Tokunaga (Yoshiwara), 1903 [CE13364], Tokunaga, 1906 [CE13692]

Glypeaster testitudinarius: Tokunaga (Yoshiwara), 1903 [CE13365,13366]

Hypsospangus japonicus: Tokunaga (Yoshiwara), 1903 [CE13397,13398]

Ilarionis yoshiwarai: Tokunaga (Yoshiwara), 1903 [CE13385]

Laganum decagonalis: Tokunaga (Yoshiwara), 1903 [CE13367,13368], Tokunaga, 1906 [CE13689,13690]

Cenozoic Echinoidea (continued)

Laganum fudsiyama: Tokunaga (Yoshiwara), 1903 [CE13369], Otukam 1938b [CE 12704]

Laganum fudsiyama tokunagai: Otuka, 1938b [CE12703]

Linthia nipponica: Tokunaga (Yoshiwara), 1903 [CE13387-13392], Yokoyama, 1927d [CE25004]

Prenaster boninensis: Tokunaga (Yoshiwara), 1903 [CE13396]

Salenia (Pleurosalenia) hakkaidoensis: Tokunaga (Yoshiwara), 1903 [CE13360]

Schizaster nummuliticus: Tokuyama (Yoshiwara), 1903 [CE13394,13395]

Schizaster recticanalis: Tokunaga (Yoshiwara), 1903 [CE13393]

Scutella sp.: Yokoyama, 1927d [CE25005]

Temnopleurus toreumaticus: Tokunaga (Yoshiwara), 1903 [CE13362,13363], Tokunaga, 1906 [CE13688]

RECENT ECHINOIDEA

Fibularia acuta: Tokunaga (Yoshiwara), 1903 [RE13364]

CENOZOIC CRINOIDEA

Pentacrinus ariakensis: Yokoyama, 1911b [CE20003], Makiyama, 1957 [CE20003]

VERTEBRATA

CENOZOIC VERTEBRATA

Aegista (Plectotropis) vatheletii: Takai and Hasegawa, 1966 [CV15388b]

Amynodon watanabei: Takai, 1950 [CV6187,6188]

"Anthracothema" tsuchitai: Takai, 1961 [CV6189]

Aves gen. et sp.: Takai, 1970 [CV15128]

Avitolabrax denticulatus: Takai, 1942 [CV6142,6143]

Bison priscus: Takai, 1941b [CV6140]

Bufo bufo japonicus: Takai and Hasegawa, 1966 [CV15380]

Bufo sp.: Takai, 1962 [CV6219]

Caenolophus makii: Takai, 1939a [CV6059,6061]

Canis lupus: Takai, 1962 [CV6192,6193]

Capra sp.: Takai, 1970 [CV15048-15055]

Carnivora gen. et sp.: Takai, 1970 [CV14600]

Cervus elaphus: Takai, 1943 [CV6149], Takai, 1970 [CV14748-14770]

Cervus nippon: Takai, 1962 [CV6199,6200,6203], Takai, 1961 [CV15348,15349]

Cenozoic Vertebrata (continued)

Cervus sp.: Takai and Hasegawa, 1966 [CV15372,15384-15386]

Chelonia gen. et sp.: Takai, 1970 [CV15129-15159]

Chilotherium pugnator: Takai, 1949 [CV6186]

Clemmys japonica: Takai and Hasegawa, 1966 [CV15379]

Colodon hodosimai: Takai, 1939a [CV6049]

Cristidentinus sp.: Takai, 1945 [CV6054]

Dama mesopotamica: Takai, 1970 [CV14625-14747]

Desmatotherium grangeri: Takai, 1939a [CV6054]

Desmostylus japonicus: Tokunaga and Iwasaki, 1914 [CV13352-13359]

Elephas antiquus: Tokunaga, 1906 [CV6002-6004]

Elephas indicus: Takai and Shikama, 1963 [CV13810]

Elephas mammonteus: Takai, 1939b [CV6127], Takai, 1941a [CV6137]

Elephas Namadicus: Naumann, 1881 [CV13809,13810]

Elephas trogontherii or *Palaeoloxodon namadicus*: Tokunaga, 1940 [CV13827]

Elaphe quadrivirgata quadrivirgata: Takai, 1962 [CV6206-6210]

Equus caballus: Takai, 1970 [CV14601-14610]

Felis cf. *pardus*: Takai and Hasegawa, 1966 [CV15353-15366], Takai, 1970 [CV6194-6196]

Gazella cf. *subgutturosa*: Takai, 1970 [CV14771-14999,15046,15047]

Graphophasianus soemmerringii scintillans: Takai, 1970 [CV6204]

Indeterminable ungulate bone: Tokunaga, 1906 [CV13696]

Insectivora gen. et sp.: Takai, 1970 [CV14588]

Izuus nakamurai: Tokunaga and Saito, 1938 [CV13804]

Lamna cf. *cuspidata*: Yokoyama, 1911b [CV20030], Makiyama, 1957 [CV20030]

Lepus cf. *brachyurus*: Takai, 1962 [CV6205]

Lophialetes tokunagai: Takai, 1939a [CV6058]

Macaca fuscata: Takai and Hasegawa, 1966 [CV15367-15370]

Macaca sp.: Takai, 1970 [CV14589]

Mammalia gen. and sp.: Yoshiwara and Iwasaki, 1902 [CV13352-13359]

Mammalia gen. et sp.: Takai, 1970 [CV15056-15127]

Megaceros ordosianus: Takai, 1943 [CV6150]

Megalophaedusa martensii: Takai and Hasegawa, 1966 [CV15388a]

Meles leuculus kuzuuensis: Takai and Hasegawa, 1966 [CV15387]

Metacervulus astylodon: Takai, 1975 [CV6220-6255, 13830-14587]

Microtus montebelli: Takai, 1962 [CV6211]

Cenozoic Vertebrata (continued)

Minioterus? sp.: Takai, 1962 [CV6212,6213]

Mogera wogura: Takai, 1962 [CV6214-6216,15378]

Murinae gen. et sp.: Takai, 1970 [CV14590]

Myliobatis sp.: Tokunaga, 1906 [CV6001]

Myospalax fontanus: Takai, 1940 [CV6130]

Nyctereutes viverrinus: Takai, 1962 [CV6201]

Oncorhynchus sp.: Takai and Hasegawa, 1966 [CV15383]

Ophidia gen. et sp.: Takai, 1970 [CV15160]

Palaeoloxodon aomoriensis: Tokunaga and Takai, 1936 [CV6008], Tokunaga, 1936 [CV6008], Takai, 1962 [CV6202]

Palaeoloxodon namadicus: Takai, 1941a [CV6138]

Palaeoloxodon namadicus naumanni: Takai, 1937 [CV6015]

Palaeoloxodon naumanni: Takai and Shikama, 1963 [CV13809]

Palaeotapirus yagii: Takai, 1949 [CV6185]

Parasilurus asotus?: Takai and Hasegawa, 1966 [CV15381,15382]

Parastegodon akashiensis: Takai, 1936a [CV6007]

Parelephas trogontherii: Takai, 1936b [CV6014]

Parelephas cf. *trogontherii*: Takai, 1943 [CV6147]

Phinolophus ferrum-equinum: Takai and Hasegawa, 1966 [CV15373-15376]

Protitanotherium koreanicum: Takai, 1939a [CV6028,6029,6033,6035,6036,6039, 6047]

Rhinoceros (Chilotherium) sp.: Takai, 1943 [CV6148]

Rhinolophus cornatus: Takai and Hasegawa, 1966 [CV15377]

Sardinia? sp.: Otuka, 1943a [CV13212]

Sinomegaceroides sp.: Takai, 1962 [CV6197,6198]

Sinomegaceros yabei: Takai and Chinzei, 1961 [CV15350-15352]

Stegodon Cliftii: Naumann, 1881 [CV13805]

Stegodon insignis: Naumann, 1881 [CV13806,13807]

Stegodon orientalis: Tokunaga and Takai, 1938 [CV6017], Takai and Shikama, 1963 [CV6017]

Stegodon sinensis: Takai, 1936b [CV6013]

Stegolophodon pseudolatidens: Takai and Fujii, 1961 [CV6190]

Sus scrofa: Takai, 1970 [CV14611-14624]

Urtrichus talpoides: Takai, 1962 [CV6217,6218]

Vulpes vulpes palaestina: Takai, 1970 [CV14591-14599]

RECENT VERTEBRATA

Lateolabrax japonicus: Takai, 1942 [RV6132,6133]

Niphon spinosus: Takai, 1942 [RV6134]