

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

PART III. SUPPLEMENT(1)

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Material Reports No.15, 1988

FOREWORD

Needless to say, adequate curation and preservation of type and described paleontological specimens are an important duty of each geological institution and entrusted museum. In 1987, Mr. Takeo Ichikawa reached the age of limit and officially retired from the staff of the Geological Institute, University of Tokyo after various selfless contributions to the development of geology and paleontology. Among others, he has curated more than 20,000 specimens which had been described in more than 650 scientific papers by many geologists and paleontologists belonged or related to this university. For more than 15 years he devoted three days a week to this laborious task in the University Museum, University of Tokyo.

Now, I am very proud of hearing from many foreign research visitors that the paleontological specimens of this museum are one of the best curated collections in the world. Though successive chairmen of the Department of Historical Geology and Palaeontology are officially responsible to the care of the specimens, we owe this favorable state entirely to Mr. Ichikawa's continual efforts. Every research visitor can be easily of access to any described specimens by consulting his published catalogues which are called by the name of "yellow books".

Mr. Ichikawa's method of curating may be rather old-fashioned, since no computer-based data retrieval system has been introduced. However, he collated described specimens one by one with plates, text-figures and descriptions in original papers, and achieved perfect arrangement and catalogueing. Without such laborious collations any advanced retrieval system would be constructed in vain.

When Mr. Ichikawa retired last spring, the first draft of his third "yellow book" was near completion but needed further polishing. He continued working hard until today as a volunteer with a sense of mission and boundless joy in finding described specimens in disordered collections. On the occasion of the completion of his manuscript, I praise his unique and outstanding contribution and thank him from the bottom of my heart for the great benefit bestowed on so many investigators in the world.

March, 1988

Itaru Hayami

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PART III, SUPPLEMENT (1)

by

Takeo ICHIKAWA

Introduction

This catalogue is a continuation of Part 1 (Ichikawa and Hayami, 1978) and Part 2 (Ichikawa, 1983) of the same main title, dealing with newly curated (and restudied) type and described paleontological specimens in the Department of Historical Geology and Palaeontology of the University Museum.

The following kinds of specimens are treated in this part:

- 1) Paleozoic and Mesozoic fossils described after 1977.
- 2) Cenozoic fossils and Recent specimens described after 1982.
- 3) Described specimens newly found in old disordered collections of this department.
- 4) Fossils described by the members of APRSA (Association for Palaeontological Research in Southeast Asia) during 1964-1984, the depository of which was determined to be this museum.
- 5) Already catalogued specimens, the illustration of which was newly shown or reproduced with indication of repository.

The purpose and format of this catalogue are the same as those of the preceding parts; newly curated and restudied specimens are listed by published papers arranged in alphabetical order of their authors (and dates). Taxonomic names are uncritically listed except for some obvious typographical errors. Type categories were examined as possible, though their correct judgement is often beyond my ability.

INTRODUCTION

The listed specimens (including missing ones) are 5245 in total and made up of many phyla of various ages as follows:

Paleozoic Plantae (with prefix PP)	28
Paleozoic Protista (with prefix PF)	13
Paleozoic Porifera (with prefix PS)	4
Paleozoic Coelenterata (with prefix PC)	25
Paleozoic Brachiopoda and Bryozoa (with prefix PB)	95
Paleozoic Mollusca (with prefix PM)	106
Paleozoic Arthropoda (with prefix PA)	1076
Paleozoic Echinodermata (with prefix PE)	9
Paleozoic Hemicordata (with prefix PH)	13
Paleozoic Vertebrata (with prefix PV)	7
Paleozoic Problematica (with prefix PW)	2
Mesozoic Plantae (with prefix MP)	6
Mesozoic Porifera (with prefix MS)	1
Mesozoic Coelenterata (with prefix MC)	10
Mesozoic Brachiopoda (with prefix MB)	21
Mesozoic Mollusca (with prefix MM)	1413
Mesozoic Arthropoda (with prefix MA)	11
Mesozoic Echinodermata (with prefix ME)	62
Mesozoic Vertebrata (with prefix MV)	12
Mesozoic Problematica (with prefix MW)	3
Cenozoic Plantae (with prefix CP)	1
Cenozoic Protista (with prefix CF)	2
Cenozoic Brachiopoda (with prefix CB)	3
Cenozoic Mollusca (with prefix CM)	1879
Cenozoic Arthropoda (with prefix CA)	209
Cenozoic Echinodermata (with prefix CE)	3
Cenozoic Vertebrata (with prefix CV)	54
Cenozoic Problematica (with prefix CW)	1
Recent Brachiopoda (with prefix RB)	2
Recent Mollusca (with prefix RM)	170
Recent Arthropoda (with prefix RA)	4

These specimens (except already curated ones) are arranged in the type

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room in the order of this catalogue.

I express my sincere gratitude to Professor Emeritus Tetsuro Hanai for his continuous warm encouragement since the beginning of this curatorial project. I am also much indebted to Professor Itaru Hayami for his kind advice and critical reading the first draft with corrections of misspelling of taxonomic names and also with checking of type categories in terms of the International Codes of Zoological Nomenclature. Dr. Minoru Utada and many other members of the University Museum kindly provided me with various facilities to promote my curatorial work.

References

- 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.
- Ichikawa, T. (1983): 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. *Univ. Mus. Univ. Tokyo, Mater. Rept.*, no.9, pp.i-iv, 1-536.

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.

ANDO

Ando, H. (1984): Paleontological significance of late Triassic bivalve Monotis. Pt.II: In the case of materials from the southern Kitakami Mountains, Northeast Japan. *Fossils*, no.35, pp.1-15, pls.1,2, text-figs.1-7.

- MM15710. *Monotis scutiformis* (Teller), p.5, pl.1, fig.1.
MM15711. *Monotis scutiformis* (Teller), p.5, pl.1, fig.2.
MM15712. *Monotis scutiformis* (Teller), p.5, pl.1, fig.3.
MM15713. *Monotis scutiformis* (Teller), p.5, pl.1, fig.4.
MM15714. *Monotis scutiformis* (Teller), p.5, pl.1, fig.5.
MM15715. *Monotis ochotica densistriata* (Teller), p.5, pl.1, fig.6.
MM15716. *Monotis ochotica densistriata* (Teller), p.5, pl.1, fig.7.
MM15717. *Monotis ochotica densistriata* (Teller), p.5, pl.1, fig.8.
MM15718. *Monotis ochotica densistriata* (Teller), p.5, pl.1, fig.9.
MM15719. *Monotis ochotica densistriata* (Teller), p.5, pl.1, fig.10.
MM15720. *Monotis ochotica ochotica* (Keyserling), p.5, pl.1, fig.11.
MM15721. *Monotis ochotica ochotica* (Keyserling), p.5, pl.1, fig.12.
MM15722. *Monotis ochotica ochotica* (Keyserling), p.5, pl.1, fig.13.
MM15723. *Monotis ochotica ochotica* (Keyserling), p.5, pl.1, fig.14.
MM15724. *Monotis ochotica ochotica* (Keyserling), p.5, pl.1, fig.15.
MM15725. *Monotis ochotica ochotica* (Keyserling), p.5, pl.1, fig.16.
MM15726. *Monotis ochotica ochotica* (Keyserling), p.5, pl.1, fig.17.
MM15727. *Monotis ochotica ochotica* (Keyserling), p.5, pl.1, fig.18.
MM15728. *Monotis zabaikalica* (Kiparisova), p.5, pl.2, fig.1.
MM15729. *Monotis zabaikalica* (Kiparisova), p.5, pl.2, fig.2.
MM15730. *Monotis zabaikalica* (Kiparisova), p.5, pl.2, fig.3.
MM15731. *Monotis zabaikalica* (Kiparisova), p.5, pl.2, fig.4.
MM15732. *Monotis zabaikalica* (Kiparisova), p.5, pl.2, fig.5.
MM15733. *Monotis zabaikalica* (Kiparisova), p.5, pl.2, fig.6.
MM15734. *Monotis zabaikalica* (Kiparisova), p.5, pl.2, fig.7.
MM15735. *Monotis zabaikalica* (Kiparisova), p.5, pl.2, fig.8.
MM15736. *Monotis zabaikalica* (Kiparisova), p.5, pl.2, fig.9.
MM15737. *Monotis zabaikalica* (Kiparisova), p.5, pl.2, fig.10.
MM15738. *Monotis zabaikalica* (Kiparisova), p.5, pl.2, fig.11.
MM15739. *Monotis scutiformis* (Teller), p.5, pl.2, fig.12.
MM15740. *Monotis ochotica ochotica* (Keyserling), p.5, pl.2, fig.13.

BRAUNS - CHINZEI

Brauns, C. (1883): Ueber japonische diluviale Säugetiere. *Zeit. deut. geol. Gesell.*, Bd.35, Heft 1, pp.1-58, pl.1.

CV6191. *Elephas (Euelephas) antiquus* Falconer, p.33, pl.1, figs.3,4.

Chinzei, K. (1968a): Pliocene Mollusca from northern corner of the Kitakami massif, 1. *Atlas of Japanese fossils-3*, 4pp., pl.N-2, Tsukiji Shokan Pub. Co. Ltd.

- CM8501. *Venericardia ochiaiensis* Chinzei, pl.N-2, fig.2a,b, Holotype. [see also Chinzei (1958)]
- CM8513. *Alvania awa* Chinzei, pl.N-2, fig.11a,b, Holotype. [see also Chinzei (1959)]
- CM8521. *Turritella cf. nipponica* Yokoyama, pl.N-2, fig.13. [ditto]
- CM8526. *Natica (Tectonatica) nussa* [error of *russa*] Gould, pl.N-2, fig.5. [ditto]
- CM8531. *Neptunea otukai* Chinzei, pl.N-2, fig.6, Holotype. [ditto]
- CM8532. *Antillophos (Coraeophos) ninohense* (Chinzei), pl.N-2, fig.14a,b, Holotype. [ditto]
- CM8534. "Macron" *nipponensis* Chinzei, pl.N-2, fig.15, Holotype. [dotto]
- CM8535. *Admete lischkei* (Yokoyama), pl.N-2, fig.12a,b. [ditto]
- CM8537. *Suavodrillia oyamai* Chinzei, pl.N-2, fig.9a,b, Holotype. [ditto]
- CM8540. *Antiplanes (Rectiplanes) sadoensis* (Yokoyama), pl.N-2, fig.8a,b. [ditto]
- CM8543. *Propebela cf. nakamurai* Onoyama, pl.N-2, fig.6a,b. [ditto]
- CM8545. *Propebela cf. turricula* (Montague), pl.N-2, fig.7a,b. [ditto]
- CM8555. *Menestho iwatensis* Chinzei, pl.N-2, fig.10a,b, Holotype. [ditto]
- CM8558. *Glycymeris derelicta* (Yokoyama), pl.N-2, fig.1a,b. [ditto]
- CM8566. *Nucinella ochiaiensis* Chinzei, pl.N-2, fig.3a,b, Holotype. [ditto]
- CM8576. *Macoma calcarea* (Gmelin), pl.N-2, fig.4. [ditto]

Chinzei, K. (1968b): Pliocene Mollusca from northern corner of the Kitakami massif, 2. *Atlas of Japanese fossils-4*, 4pp., pl.N-3, Tsukiji Shokan Pub. Co. Ltd.

- CM8594. *Pecten (Fortipecten) kenyoshiensis* Chinzei, pl.N-3, fig.5a,b, Holotype. [see also Chinzei (1960)]
- CM8633. *Anadara (Anadara) tatunokutiensis nagawensis* Chinzei, pl.N-3, fig.1a-c, Holotype. [see also Chinzei (1961)]

CHINZEI

Chinzei, K. (1968b): continued

- CM8655. *Venericardia (Cyclocardia) aomoriensis* Chinzei, pl.N-3, fig.2a-c, Holotype. [see also Chinzei (1961)]
- CM8700. *Mercenaria stimpsoni* (Gould), pl.N-3, fig.7. [ditto]
- CM8710. *Protothaca (Callithaca) adamsi* (Reeve), pl.N-3, fig.6. [ditto]
- CM8726. *Spisula (Pseudocardium) kurikoma* (Nomura), pl.N-3, fig.4a,b. [ditto]
- CM8745. *Peronidia protovenulosa* (Nomura), pl.N-3, fig.3. [ditto]

Chinzei, K. (1986): Shell structure, growth, and functional morphology of an elongate Cretaceous oyster. *Palaeontology*, vol.29, pt.1, pp.139-154, pl.18, text-figs.1-7.

- MM17080. *Konostrea konbo* (Hayasaka and Hayasaka), p.140, pl.18, figs.1a,b, 2a,b; text-fig.3.
- MM17081. *Konostrea konbo* (Hayasaka and Hayasaka), p.140, pl.18, figs.3,4.
- MM17082. *Konostrea konbo* (Hayasaka and Hayasaka), p.140, text-fig.5.
- MM17083. *Konostrea konbo* (Hayasaka and Hayasaka), p.140, text-fig.6E.

The following specimens, though not illustrated, are also preserved in this museum.

Konostrea konbo (Hayasaka and Hayasaka): MM17084, MM17085, MM17086, MM17087, MM17088, MM17089, MM17090, MM17091, MM17092, MM17093, MM17094, MM17095, MM17096, MM17097, MM17098, MM17099, MM17100, MM17101, MM17102, MM17103, MM17104, MM17105, MM17106, MM17107, MM17108, MM17109, MM17110, MM17111, MM17112, MM17113, MM17114, MM17115, MM17116, MM17117, MM17118, MM17119, MM17120, MM17121, MM17122, MM17123, MM17124, MM17125, MM17126, MM17127, MM17128, MM17129, MM17130, MM17131, MM17132, MM17133, MM17134, MM17135, MM17136, MM17137, MM17138, MM17139, MM17140, MM17141, MM17142, MM17143

HAMADA

Hamada, T. (1961): The Middle Palaeozoic group of Japan and its bearing on her geological history. *Jour. Fac. Sci. Univ. Tokyo*, sec.2, vol.13, pt.1, pp.1-79, text-figs.1-30.

PC5708. *Favosites* sp., p.51, text-fig.27.

Hamada, T. (1964a): Two Carboniferous brachiopods from Loei, Thailand. *Japan. Jour. Geol. Geogr.*, vol.35, no.1, pp.5-15, pl.1.

PB15956. *Purdonella magna* Hamada, p.10, pl.1, fig.1a-e, Holotype.

PB15957. *Brachythyrina strangwaysi* (Verneuil), p.12, pl.1, fig.2a-e.

Hamada, T. (1964b): Some Middle Ordovician brachiopods from Satun, southern Thailand. *Japan. Jour. Geol. Geogr.*, vol.35, nos.2-4, pp.213-221, pl.10.

PB15958a. *Cyrtotella thailandica* Hamada, p.214, pl.10, figs.10a,b,14, Holotype.

PB15958b. *Cyrtotella thailandica* Hamada, p.214, pl.10, fig.15, Paratype.

PB15959a. *Cyrtotella thailandica* Hamada, p.214, pl.10, fig.11, Paratype.

PB15959b. *Cyrtotella* (?) sp. indet., p.217, pl.10, fig.24.

PB15960. *Cyrtotella thailandica* Hamada, p.214, pl.10, fig.12, Paratype.

PB15961a. *Cyrtotella thailandica* Hamada, p.214, pl.10, fig.13, Paratype.

PB15962. *Cyrtotella thailandica* Hamada, p.214, pl.10, fig.18, Paratype.

PB15963. *Cyrtotella thailandica* Hamada, p.214, pl.10, fig.20, Paratype.

PB15964. *Cyrtotella transversalis* Hamada, p.216, pl.10, fig.22a,b, Holotype.

PB15965. *Cyrtotella transversalis* Hamada, p.216, pl.10, fig.23, Paratype.

PB15966. *Multicostella* (?) sp. indet., p.217, pl.10, fig.25a,b.

PB15967. *Rafinesquina komalarjuni* Hamada, p.218, pl.10, fig.7a,b, Paratype.

PB15968. *Rafinesquina komalarjuni* Hamada, p.218, pl.10, fig.8a,b, Holotype.

PB15969. *Rafinesquina komalarjuni* Hamada, p.218, pl.10, fig.9a-c, Paratype.

PB15970. *Öpikina* (?) *bellicostata* Hamada, p.219, pl.10, fig.2, Paratype.

PB15971. *Öpikina* (?) *bellicostata* Hamada, p.219, pl.10, fig.3, Holotype.

The following specimens, which were mentioned but not illustrated in this paper, are also preserved in this museum.

Cyrtotella thailandica Hamada: PB15961b, PB15972, PB15973, PB15974, Paratypes.

HANAI

Hanai, T. (1982): A story of the belemnite---developmental approach to fossil morphology. *Trans. Proc. Palaeont. Soc. Japan*, N. S., no.128, pp.421-432, pl.66, text-figs.1-9.

- MM2535. *Neohibolites miyakoensis* Hanai, p.423, pl.66, fig.1a,b, Paratype. [see also Hanai (1953)]
- MM2541. *Neohibolites miyakoensis* Hanai, p.423, text-fig.1, Paratype. [see also Hanai (1953)]
- MM6995. *Neohibolites miyakoensis* Hanai, p.425, pl.66, fig.2.
- MM6996. *Neohibolites miyakoensis* Hanai, p.426, pl.66, fig.3a,b. (missing)
- MM6997. *Neohibolites miyakoensis* Hanai, p.430, pl.66, fig.4a-c. (missing)

Hanai, T. (1983): A story of the belemnite---an approach based on the method of inventing auxiliary assumptions in paleontology. *Trans. Proc. Palaeont. Soc. Japan*, N. S., no.131, pp.125-134, text-figs.1-3.

- MM6000. *Neohibolites miyakoensis* Hanai, p.128, text-fig.2.

Hanai, T., Obata, I. and Hayami, I. (1968): Notes on the Cretaceous Miyako group. *Mem. Nat. Sci. Museum*, no.1, pp.20-28, pls.1-4.

- MM15486. *Neritopsis* n. sp., p.28, pl.4, fig.3.
- MM15498. *Otostoma japonicum* (Nagao), p.28, pl.4, fig.2.
- MM15531. "*Nododelphinula*" *elegans* Nagao, p.28, pl.4, fig.6. [see also Masutomi and Hamada (1966)]
- MM15575. *Tylostoma miyakoense* Nagao, p.28, pl.4, fig.1. [see also Masutomi and Hamada (1966)]
- MM15657. *Trajanella japonica* Nagao, p.28, pl.4, fig.7.
- MM15662. *Pseudomelania elegantula* Nagao, p.28, pl.4, fig.8. [see also Masutomi and Hamada (1966)]
- MM15694. *Cimolithium (?) miyakoense* (Nagao), p.28, pl.4, fig.4.
- MM15701. *Nerinea rigida* Nagao, p.28, pl.4, fig.5.

HAYAMI

Hayami, I. (1984): Natural history and evolution of *Cryptopecten* (a Cenozoic-Recent pectinid genus). *Univ. Mus. Univ. Tokyo, Bull.*, no.24, pp. 1-149, pls.1-13, text-figs.1-26.

- CM16001a. *Cryptopecten bullatus* (Dautzenberg and Bavay), p.96,122, pl.2, fig.1a,b.
- CM16001b. *Cryptopecten bullatus* (Dautzenberg and Bavay), p.96,122, pl.2, fig.2a,b.
- RM16002a. *Cryptopecten bullatus* (Dautzenberg and Bavay), p.21,96,122, pl.10, fig.3a,b; pl.11, fig.3a,b.
- RM16002b. *Cryptopecten bullatus* (Dautzenberg and Bavay), p.96,122, pl.1, fig.5a-f.
- RM16007a. *Cryptopecten bullatus* (Dautzenberg and Bavay), p.96,122, pl.2, fig.3a-f.
- CM16015a. *Cryptopecten nux nux* (Reeve), p.21,100,124, pl.12, fig.1.
- CM16015b. *Cryptopecten nux nux* (Reeve), p.21,100,124, pl.12, fig.2.
- CM16015c. *Cryptopecten nux nux* (Reeve), p.100,124, pl.3, fig.1a-d.
- CM16015d. *Cryptopecten nux nux* (Reeve), p.100,124, pl.3, fig.2a-d.
- RM16020. *Cryptopecten nux nux* (Reeve), p.100,124, pl.2, fig.4a-h.
- CM16030a. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,127, pl.7, fig.9a-d.
- CM16030b. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,127, pl.7, fig.10.
- CM16033a. *Cryptopecten vesiculosus makiyamai* Hayami, p.26,109,127, pl.7, fig.12, text-fig.7, Holotype.
- CM16033b. *Cryptopecten vesiculosus makiyamai* Hayami, p.109,127, pl.7, fig.11, Paratype.
- CM16038a. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,128, pl.7, fig.7.
- CM16038b. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,128, pl.7, fig.8.
- CM16051a. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,130, pl.6, fig.1a-c.
- CM16051b. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,130, pl.6, fig.2a-c.
- CM16051c. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,130, pl.6, fig.3a-c.
- CM16051d. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,130, pl.6, fig.4a-c.
- CM16051e. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,130, pl.6, fig.5a-c.

HAYAMI

Hayami, I. (1984): continued

- CM16051f. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105, 130, pl.6, fig.6a-c.
- CM16051g. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.26, 105, 130, text-fig.7.
- CM16051h. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.25, 105, 130, text-fig.6C.
- CM16051i. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.25, 105, 130, text-fig.6D.
- CM16057a. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105, 130, pl.7, fig.1.
- CM16057b. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.26, 105, 130, pl.7, fig.2.
- CM16057c. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105, 130, pl.7, fig.3.
- CM16057d. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105, 130, pl.7, fig.4.
- CM16057e. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105, 130, pl.7, fig.5.
- CM16057f. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105, 130, pl.7, fig.6.
- CM16057g. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.26, 105, 130, text-fig.7.
- CM16059a. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.21, 105, 131, pl.10, fig.1a,b; pl.11, fig.1a,b.
- CM16059b. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.21, 105, 131, pl.10, fig.2a,b; pl.11, fig.2a,b.
- RM16061a. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.21, 105, 131, pl.12, fig.6; pl.13, fig.2a-d.
- RM16061b. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.26, 105, 131, text-fig.7.
- RM16083a. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.26, 105, 132, text-fig.7.
- RM16138. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105 , 135, pl.3, fig.5.
- RM16138a. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.21, 105, 135, pl.13, fig.1a-d.
- CM16138b. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105, 135, pl.4, fig.1a-d; pl.5, fig.1a-f.
- RM16138c. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105, 135, pl.4, fig.2a-d; pl.5, fig.2a-d.

HAYAMI

Hayami, I. (1984): continued

- RM16138d. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,135, pl.F, fig.3a,b; pl.4, fig.3a-d; pl.5, fig.3a-f.
- RM16138e. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.25,105,135, text-fig.6A.
- RM16138f. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.25,105,135, text-fig.6B.
- RM16138g. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,135, pl.F, fig.4a,b.
- CM16170a. *Cryptopecten spinosus* Hayami, p.21,111,137, pl.12, figs.3,5, Paratype.
- CM16170b. *Cryptopecten spinosus* Hayami, p.21,111,137, pl.12, fig.4, Paratype.
- CM16170c. *Cryptopecten spinosus* Hayami, p.111,137, pl.8, fig.2a-d, Paratype.
- CM16170d. *Cryptopecten spinosus* Hayami, p.111,137, pl.8, fig.1a,b, Paratype.
- CM16170e. *Cryptopecten spinosus* Hayami, p.111,137, pl.8, fig.3a-e, Holotype.
- CM16170f. *Cryptopecten spinosus* Hayami, p.111,137, pl.8, fig.4a,b, Paratype.
- CM16170g. *Cryptopecten spinisus* Hayami, p.111,137, pl.8, fig.5, Paratype.
- CM16171a. *Cryptopecten yanagawaensis* (Nomura and Zinbo), p.113,137, pl.8, fig.6.
- CM16171b. *Cryptopecten yanagawaensis* (Nomura and Zinbo), p.113,137, pl.8, fig.7.
- CM16171c. *Cryptopecten yanagawaensis* (Nomura and Zinbo), p.113,137, pl.8, fig.8.
- CM16171d. *Cryptopecten yanagawaensis* (Nomura and Zinbo), p.113,137, pl.8, fig.9.
- CM16180a. *Cryptopecten nux sematensis* (Oyama), p.103,124, pl.3, fig.4a-d.
- RM16184a. *Cryptopecten bullatus* (Dauyzenberg and Bavay), p.96,122, pl.F, fig.1a,b.
- RM16186a. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,135, pl.F, fig.2.
- RM16191a. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,132, pl.F, fig.5.
- RM16191b. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,132, pl.F, fig.7.
- RM16191c. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105,132, pl.F, fig.8.

HAYAMI

Hayami, I. (1984): continued

- RM16192a. *Cryptopecten vesiculosus vesiculosus* (Dunker), p.105, 132, pl.F,
fig.6.
- RM16192b. *Cryptoplecten vesiculosus vesiculosus* (Dunker), p.105, 132, pl.F,
fig.10.
- RM16193a. *Cryptoplecten vesiculosus vesiculosus* (Dunker), p.105, 132, pl.F,
fig.9.
- CM21561. *Cryptoplecten nux sematensis* (Oyama), p.103, pl.3, fig.3a-d,
Holotype. [see also Yokoyama (1922)]

The following specimens, though not illustrated, were also preserved in
this museum.

Cryptoplecten bullatus (Dautzenberg and Bavay): CM16001, RM16002, RM16003,
RM16004, RM16005, RM16006, RM16008, RM16009, RM16181, RM16183, RM16184,
RM16185, RM16195

Cryptoplecten nux nux (Reeve): CM16010, CM16011, CM16012, CM16013, CM16014,
CM16015, RM16016, RM16017, RM16018, RM16019, RM16021, RM16022, RM16023,
RM16024, CM16029, RM16294

Cryptoplecten vesiculosus vesiculosus (Dunker): CM16025, CM16026, CM16027
(missing), CM16028, CM16030, CM16031, CM16032, CM16035, CM16036, CM16037,
CM16038, CM16039, CM16040, CM16041, CM16042, CM16043, CM16044, CM16045,
CM16046, CM16047, CM16048, CM16049, CM16050, CM16051, CM16052, CM16053,
CM16054, CM16055, CM16056, CM16057, RM16058, RM16059, RM16060, RM16061,
RM16062, RM16063, RM16064, RM16065, RM16066, RM16067, RM16068, RM16069,
RM16070, RM16071, RM16072, RM16073, RM16074, RM16075, RM16076, RM16077,
RM16078, CM16079, RM16080, RM16081, RM16082, RM16083, RM16084, RM16085,
RM16086, RM16087, RM16088, RM16089, RM16090, RM16091, RM16092, RM16093,
RM16094, RM16095, RM16096, RM16097, RM16098, RM16099, RM16100, RM16101,
RM16102, RM16103, RM16104, RM16105, RM16106, RM16107, RM16108, RM16109,
RM16110, RM16111, RM16112, RM16113, RM16114, RM16115, RM16116, RM16117,
RM16118, RM16119, RM16120, RM16121, RM16122, RM16123, RM16124, RM16125,
RM16126, RM16127, RM16128, RM16129, RM16130, RM16131, RM16132, RM16133,
RM16134, RM16135, RM16136, RM16137, RM16139, RM16140, RM16141, RM16142,
RM16143, RM16144, RM16145, RM16146, RM16147, RM16148, RM16149, RM16150,
RM16151, RM16152, RM16153, RM16154, RM16155, RM16156, RM16157, RM16158,
RM16159, RM16160, RM16161, RM16162, RM16163, RM16164, RM16165, RM16166,
RM16167, RM16168, RM16169, RM16172, RM16173, RM16174, RM16175, RM16176,
RM16177, RM16178, RM16179, RM16182, RM16186, CM16187, CM16188, CM16189,
CM16190, RM16191, RM16192, RM16193, CM20549, CM20550 (missing), CM20551,
CM20552, CM21557, CM22310

Cryptoplecten vesiculosus makiyamai Hayami: CM16033, CM16034, Paratypes.

Cryptoplecten spinosus Hayami: CM16170, Paratype.

Cryptoplecten yanagawaensis (Nomura and Zinbo): CM16171

Cryptoplecten nux sematensis (Oyama): CM16180, CM21562

HAYAMI

Hayami, I. (1985): Systematics and evolution of *Volachlamys* from Japan (preliminary notes). *Venus*, vol.44, no.1, pp.3-14, pl.1, text-figs.1-3.

CM16777a. *Volachlamys yagurai* (Makiyama), p.10, pl.1, fig.3a,b.

CM16778a. *Volachlamys yagurai* (Makiyama), p.10, pl.1, fig.4.

CM16778b. *Volachlamys yagurai* (Makiyama), p.10, pl.1, fig.5.

Hayami, I. and Akahane, H. (1981): A new species of *Plagiostoma* from the Kuruma group and Domerian transgression in the Inner Zone of Southwest Japan. *Bull. Toyama Sci. Mus.*, no.3, pp.1-6, pl.1, text-figs.1,2.

MM9700.* *Plagiostoma toyamanum* Hayami and Akahane, p.2, pl.1, figs.1,2, Holotype.

Hayami, I. and Kanie, Y. (1980): Mode of life of a giant capulid gastropod from the upper Cretaceous of Saghalian and Japan. *Palaeontology*, vol.23, pt.3, pp.689-698, pl.87, text-figs.1-3.

MM5535. *Gigantocapulus giganteus* (Schmidt), p.692, pl.87, figs.1,2, text-fig.1. [see also Kanie (1975)]

MM5711. *Gigantocapulus giganteus* (Schmidt), p.693, text-fig.2a-c.

The following specimens which were mentioned but not illustrated in this paper, are also preserved in this museum.

Gigantocapulus giganteus (Schmidt): MM5709, MM5710, MM5712, MM5713

Hayami, I. and Kase, T. (1977): A systematic survey of the Paleozoic and Mesozoic Gastropoda and Paleozoic Bivalvia from Japan. *Univ. Mus. Univ. Tokyo, Bull.*, no.13, pp.1-158, pls.1-11, text-figs.1,2.

PM0061. *Bucania katoi* Kobayashi, p.18, pl.1, fig.8a,b, Holotype. [see also Kobayashi (1930)]

PM0069. *Loxoplocus (Lophospira) acutus* (Grabau), p.29, pl.3, fig.4. [see also Kobayashi (1930)]

PM0076. *Eotomaria concava* Kobayashi, p.27, pl.3, fig.1a,b, Holotype. [see also Kobayashi (1930)]

PM0080. *Helicotoma yabei* Kobayashi, p.22, pl.2, fig.5a,b, Holotype. [see also Kobayashi (1930)]

PM0083. *Maclurites tofangoensis* (Kobayashi), p.21, pl.1, fig.9a-c, Syntype. [see also Kobayashi (1930)]

HAYAMI

Hayami, I. and Kase, T. (1977): continued

- PM0090. *Trochonema ozawai* Kobayashi, p.33, pl.3, fig.8a,b, Holotype. [see also Kobayashi (1930)]
- PM0184. *Liospira lenticularis* Kobayashi, p.27, pl.3, fig.2a,b, Holotype. [see also Kobayashi (1931b)]
- PM0187. *Ophileta ichimurai* (Kobayashi), p.25, pl.2, fig.8a,b, Holotype. [see also Kobayashi (1931b)]
- PM0191. *Holopea tateiwai* Kobayashi, p.33, pl.3, fig.9, Holotype. [see also Kobayashi (1931b)]
- PM0535. *Ctenodonta nipponica* Kobayashi, p.82, pl.9, fig.1a,b, Holotype. [see also Kobayashi (1934b)]
- PM0544. *Palaeoconcha ? samenoha* (Kobayashi), p.83, pl.9, fig.6, Syntype. [see also Kobayashi (1934b)]
- PM0553. *Cleonychia oviformis* Kobayashi, p.87, pl.9, fig.3, Holotype. [see also Kobayashi (1934b)]
- PM0556. *Modiolopsis kogenensis* Kobayashi, p.97, pl.9, fig.5, Holotype. [see also Kobayashi (1934b)]
- PM0557. *Modiolopsis kogenensis* Kobayashi, p.97, pl.9, fig.4, Paratype. [see also Kobayashi (1934b)]
- PM0562. *Goniophora (Cosmogoniophora) orientalis* Kobayashi, p.96, pl.9, fig.12, Holotype. [see also Kobayashi (1934b)]
- PM0581. *Loxoplocus (Lophospira) pagoda* (Salter), p.31, pl.3, fig.10. [see also Kobayashi (1934b)]
- PM0588. *Loxoplocus (Lophospira) tateiwai* (Kobayashi), p.31, pl.3, fig.3, Holotype. [see also Kobayashi (1934b)]
- PM0593. *Lesueurilla shirakii* (Kobayashi), p.23, pl.2, fig.3a,b, Syntype. [see also Kobayashi (1934b)]
- PM0602. *Scalites katoi* (Kobayashi), p.26, pl.2, fig.2a,b, Holotype. [see also Kobayashi (1934b)]
- MM0944. *Protoscaeogyra reversa* (Kobayashi), p.21, pl.2, fig.2a-c, Holotype. [see also Kobayashi (1935c)]
- PM1468. *Helcionella acuticosta pacifica* Saito, p.16, pl.1, fig.1a,b, Holotype. [see also Saito (1936)]
- PM1473. *Coreospira rugosa* Saito, p.17, pl.1, fig.4a,b, Holotype. [see also Saito (1936)]
- PM2302. *Scalites irregularis* Kobayashi, p.26, pl.2, fig.6a,b, Holotype. [see also Kobayashi (1958e)]
- PM2304. *Helicotoma amanoi* Kobayashi, p.22, pl.2, fig.4a,b, Holotype. [see also Kobayashi (1958e)]
- PM2317. *Helcionella coreanica* Kobayashi, p.16, pl.1, fig.2, Syntype. [see also Kobayashi (1958c)]

HAYAMI

Hayami, I. and Kase, T. (1977): continued

- PM2318. *Hampilina goniospira* Kobayashi, p.16, pl.1, fig.3a,b, Holotype. [see also Kobayashi (1958c)]
- MM3663. *Neritopsis (Neritopsis) mutabilis* Hayami, p.39, pl.4, fig.10a,b, Holotype. [see also Hayami (1960d)]
- MM3667. *Neritopsis (Neritopsis ?) elegans* Hayami, p.39, pl.4, fig.9, Holotype. [see also Hayami (1960d)]
- MM3672. *Pictavia toyorana* Hayami, p.60, pl.7, fig.6, Holotype. [see also Hayami (1960d)]
- PM4356. *Naticopsis (Naticopsis) wakimizui* Hayasaka, p.37, pl.4, fig.6.
- PM5306. *Actinodontophora katsurensis* Ichikawa, p.98, pl.10, fig.7, Holotype. [see also Ichikawa (1951a)]
- MM6315. *Siragimelania tateiwai tateiwai* (Suzuki), p.51, pl.6, fig.6a-c, Holotype. [see also Suzuki (1941)]
- MM7743. *Paraturbo kumasoana* (Matsumoto), p.41, pl.5, fig.3, Lectotype. [see also Matsumoto (1938a)]
- MM7940.* *Brotiopsis wakinoensis* (Kobayashi and Suzuki), p.50, pl.6, fig.5, Holotype. [see also Kobayashi and Suzuki (1936)]
- MM15531. *Nododelphinula elegans* Nagao, p.42, pl.5, fig.4a-c. [see also Masutomi and Hamada (1966)]

Hayami, I., Maeda, S. and Fuller, C. R. (1977): Some late Triassic Bivalvia and Gastropoda from the Domeyko range of north Chile. *Trans. Proc. Palaeont. Soc. Japan*, N. S., no.108, pp.202-221, pls.28-30, Text-figs. 1-3.

- MM17155. [= GC1001] *Modiolus* sp. indet., p.208, pl.28, fig.2.
- MM17157. [= GC1003] *Pinna (Pinna)* sp. indet., p.209, pl.28, fig.1a,b.
- MM17163. [= GC1009] *Eopecten* sp. indet., p.209, pl.28, fig.3.
- MM17164. [= GC1010] *Plicatula* sp. indet., p.210, pl.28, fig.4.
- MM17165. [= GC1014] *Pseudolimea chongi* Hayami and Maeda, p.210, pl.28, fig.5, Paratype.
- MM17166. [= GC1011] *Pseudolimea chongi* Hayami and Maeda, p.210, pl.28, fig.6, Holotype.
- MM17167. [= GC1016] *Pseudolimea chongi* Hayami and Maeda, p.210, pl.28, fig.7, Paratype.
- MM17168. [= GC1013] *Pseudolimea chongi* Hayami and Maeda, p.210, pl.28, fig.8, Paratype.
- MM17169. [= GC1012] *Pseudolimea chongi* Hayami and Maeda, p.210, pl.28, fig.9a-c, Paratype.

HAYAMI

Hayami, I., Maeda, S. and Fuller, C.R. (1977): continued

- MM17174. [= GC1021] *Antiquilima atacamensis* Hayami and Maeda, p.211, pl. 28, fig.10, Paratype.
- MM17175. [= GC1022] *Antiquilima atacamensis* Hayami and Maeda, p.211, pl. 28, fig.11, Paratype.
- MM17176. [= GC1020] *Antiquilima atacamensis* Hayami and Maeda, p.211, pl. 28, fig.12, Holotype.
- MM17180. [= GC1026] *Gryphaea* sp. indet., p.212, pl.29, fig.1.
- MM17181. [= GC1027] *Gryphaea* sp. indet., p.212, pl.29, fig.2.
- MM17183. [= GC1029] *Unionites* sp. indet., p.213, pl.29, fig.3a,b.
- MM17184. [= GC1031] *Unionites* sp. indet., p.213, pl.29, fig.4.
- MM17187. [= GC1034] *Myophorigonia* sp. aff. *M. paucicostata* (Jaworski), p.213, pl.29, fig.5.
- MM17188. [= GC1033] *Myophorigonia* sp. aff. *M. paucicostata* (Jaworski), p.213, pl.29, fig.6.
- MM17190. [= GC1036] *Schafhaeutlia americana* Cox, p.214, pl.29, fig.7.
- MM17191. [= GC1037] *Palaeocardita peruviana* Cox, p.214, pl.30, fig.1a,b.
- MM17192. [= GC1042] *Palaeocardita peruviana* Cox, p.214, pl.30, fig.2.
- MM17193. [= GC1041] *Palaeocardita peruviana* Cox, p.214, pl.30, fig.3.
- MM17194. [= GC1038] *Palaeocardita peruviana* Cox, p.214, pl.30, fig.4.
- MM17195. [= GC1040] *Palaeocardita peruviana* Cox, p.214, pl.30, fig.5a-c.
- MM17197. [= GC1044] *Septocardia peruviana* (Cox), p.215, pl.29, fig.8a,b.
- MM17198. [= GC1043] *Septocardia peruviana* (Cox), p.215, pl.29, fig.9a-c.
- MM17199. [= GC1045] *Septocardia peruviana* (Cox), p.215, pl.29, fig.10.
- MM17200. [= GC1046] *Isopristes* sp. indet., p.217, pl.29, fig.11a-c.
- MM17201. [= GC1048] *Isopristes* sp. indet., p.217, pl.29, fig.12.
- MM17203. [= GC1050] *Planospirina* sp. indet., p.217, pl.30, fig.8a,b.
- MM17204. [= GC1053] *Chartronella pacifica* (Jaworski), p.218, pl.30, fig. 9.
- MM17205. [= GC1052] *Chartronella pacifica* (Jaworski), p.218, pl.30, fig. 10.
- MM17206. [= GC1051] *Chartronella pacifica* (Jaworski), p.218, pl.30, fig. 11.
- MM17207. [= GC1060] Gastropod genus and species indet., p.219, pl.30, fig. 6.
- MM17208. [= GC1059] Gastropod genus and species indet., p.219, pl.30, fig.7a,b.

HAYAMI

Hayami, I., Maeda, S. and Fuller, C.R. (1977): continued

The following specimens, though not illustrated, were also preserved in this museum.

Modiolus sp. indet.: MM17156 [= GC1002]

Pinna (Pinna) sp. indet.: MM17158 [= GC1004], MM17159 [= GC1005], MM17160 [= GC1006], MM16161 [= GC1007], MM17162 [= GC1008]

Pseudolima chongi Hayami and Maeda: MM17170 [= GC1015], MM17171 [= GC1017], MM17172 [= GC1018], MM17173 [= GC1019], Paratypes.

Antiquilima atacamensis Hayami and Maeda: MM17177 [= GC1023], MM17178 [= GC1024], MM17179 [= GC1025], Paratypes.

Gryphaea sp. indet.: MM17182 [= GC1028]

Unioites sp. indet.: MM17185 [= GC1030], MM17186 [= GC1032]

Myophorigonia sp. aff. *M. paucicostata* (Jaworski): MM17189 [= GC1035]

Palaeocardita peruviana Cox: MM17196 [= GC1039] (missing)

Isopristes sp. indet.: MM17202 [= GC1047]

Hayami, I. and Oji, T. (1980): Early Cretaceous Bivalvia from the Choshi district, Chiba Prefecture, Japan. *Trans. Proc. Palaeont. Soc. Japan*, N. S., no.120, pp.419-448, pls.51-53, text-fig.1.

MM9701. *Nuculopsis (Palaeonucula) ishidoensis* (Yabe and Nagao), p.423, pl.51, fig.1a-e.

MM9702. *Nuculopsis (Palaeonucula) ishidoensis* (Yabe and Nagao), p.423, pl.51, fig.6.

MM9703. *Nuculopsis (Palaeonucula) ishidoensis* (Yabe and Nagao), p.423, pl.51, fig.5.

MM9704. *Nuculopsis (Palaeonucula) ishidoensis* (Yabe and Nagao), p.423, pl.51, fig.4.

MM9713. *Nuculopsis (Palaeonucula) ishidoensis* (Yabe and Nagao), p.423, pl.51, fig.3a,b.

MM9716. *Nuculopsis (Palaeonucula) ishidoensis* (Yabe and Nagao), p.423, pl.51, fig.2.

MM9718. *Portlandia sanchuensis* (Yabe and Nagao), p.425, pl.51, fig.7.

MM9719. *Portlandia sanchuensis* (Yabe and Nagao), p.425, pl.51, fig.9.

MM9720. *Portlandia sanchuensis* (Yabe and Nagao), p.425, pl.51, fig.8.

MM9721. *Portlandia sanchuensis* (Yabe and Nagao), p.425, pl.51, fig.10.

MM9722. *Mesosacella (?) choshiensis* Hayami, p.426, pl.51, fig.11, Holotype.

HAYAMI

Hayami, I. and Oji, T. (1980): continued

- MM9723. *Mesosaccella* (?) *choshiensis* Hayami, p.426, pl.51, fig.12, Paratype.
- MM9725. *Solemya* sp. indet., p.427, pl.51, fig.15.
- MM9726. *Solemya* sp. indet., p.427, pl.51, fig.16.
- MM9727. *Solemya* sp. indet., p.427, pl.51, fig.17a,b.
- MM9731. *Grammatodon* (*Nanonavis*) *yokoyamai* Yabe and Nagao, p.428, pl.52, fig.6a-e.
- MM9732. *Grammatodon* (*Nanonavis*) *yokoyamai* Yabe and Nagao, p.428, pl.52, fig.1a-c.
- MM9734. *Grammatodon* (*Nanonavis*) *yokoyamai* Yabe and Nagao, p.428, pl.52, fig.4.
- MM9736. *Grammatodon* (*Nanonavis*) *yokoyamai* Yabe and Nagao, p.428, pl.52, fig.3a,b.
- MM9739. *Grammatodon* (*Nanonavis*) *yokoyamai* Yabe and Nagao, p.428, pl.52, fig.5.
- MM9739. *Grammatodon* (*Nanonavis*) *yokoyamai* Yabe and Nagao, p.428, pl.52, fig.2.
- MM9743. *Pinna* (*Pinna*) sp. indet., p.430, pl.51, fig.18.
- MM9744. *Astarte* (*Astarte*) *subsenecta* Yabe and Nagao, p.431, pl.53, fig.1.
- MM9746. *Astarte* (*Astarte*) *subsenecta* Yabe and Nagao, p.431, pl.53, fig.3.
- MM9747. *Astarte* (*Astarte*) *subsenecta* Yabe and Nagao, p.431, pl.53, fig.4.
- MM9748. *Astarte* (*Astarte*) *subsenecta* Yabe and Nagao, p.431, pl.53, fig.6.
- MM9753. *Caestocorbula shikamai* Hayami, p.436, pl.53, fig.10a-c, Holotype.
- MM9755. *Caestocorbula shikamai* Hayami, p.436, pl.53, fig.11a,b, Paratype.
- MM9759. *Caestocorbula shikamai* Hayami, p.436, pl.53, fig.12, Paratype.
- MM9762. *Caestocorbula shikamai* Hayami, p.436, pl.53, fig.9, Paratype.
- MM9763. *Caestocorbula shikamai* Hayami, p.436, pl.53, fig.8, Paratype.
- MM9764. *Caestocorbula minima* Hayami, p.437, pl.53, fig.15a,b, Holotype.
- MM9766. *Caestocorbula minima* Hayami, p.437, pl.53, fig.16, Paratype.
- MM9767. *Corbulomima* sp. cf. *C. nuciformis* Vokes, p.438, pl.53, fig.13a,b.
- MM9768. *Corbulomima* sp. cf. *C. nuciformis* Vokes, p.438, pl.53, fig.14a,b.
- MM9769. *Laevicardium* (?) sp. aff. *L.* (?) *ishidoense* (Yabe and Nagao), p.434, pl.53, fig.7a,b.
- MM9771. *Rasatrix suzukii* Hayami, p.434, pl.51, fig.20, Holotype.
- MM9772. *Rasatrix suzukii* Hayami, p.434, pl.51, fig.22, Paratype.
- MM9773. *Rasatrix suzukii* Hayami, p.434, pl.51, fig.21, Paratype.

HAYAMI

Hayami, I. and Oji, T. (1980): continued

- MM9774. *Rasatrix suzukii* Hayami, p.434, pl.51, fig.19, Paratype.
MM9779. *Pterotrigonia (Pterotrigonia) pocilliformis* (Yokoyama), p.431, pl.52, fig.7.
MM9783. *Plectomya aritagawana* Hayami, p.439, pl.53, fig.17.
MM9784. *Mesosaccella (?)* sp. indet., p.427, pl.51, fig.13.
MM9785. *Mesosaccella (?)* sp. indet., p.427, pl.51, fig.14.
MM9786. *Astarte (Astarte) subsenecta* Yabe and Nagao, p.431, pl.53, fig.2.
MM9787. *Astarte (Astarte) subsenecta* Yabe and Nagao, p.431, pl.53, fig.5.

The following specimens, which were mentioned but not illustrated in this paper, are also preserved in this museum.

Nuculopsis (Palaeonucula) ishidoensis (Yabe and Nagao): MM9705, MM9706, MM9707, MM9708, MM9709, MM9710, MM9711, MM9712, MM9714, MM9715, MM9717

Solemya sp. indet.: MM9728, MM9729, MM9730

Grammatodon (Nanonavis) yokoyamai Yabe and Nagao: MM9733, MM9735, MM9738, MM9740, MM9741, MM9742

Astarte (Astarte) subsenecta Yabe and Nagao: MM9745, MM9749, MM9750, MM9751, MM9752

Caestocorbula shikamai Hayami: MM9754, MM9756, MM9757, MM9758, MM9760, MM9761, Paratypes

Caestocorbula minima Hayami: MM9765, Paratype

Laevicardium (?) sp. aff. L. (?) *ishidoense* (Yabe and Nagao): MM9770

Rasatrix suzukii Hayami: MM9775, MM9776, MM9777, MM9778, Paratypes

Pterotrigonia (Pterotrigonia) pocilliformis (Yokoyama): MM9780, MM9781, MM9782

HIRANO - IWASAKI

Hirano, H. (1975a): Ammonoid fossils of Japan, 5 (Jurassic Ammonites, 9-Toyora group, 3). *Atlas of Japanese fossils*, no.48-303, 4pp., pl.J-10, Tsukiji Shokan Pub. Co. Ltd.

MM7058. *Harpoceras chrysanthemum* (Yokoyama), pl.J-10, fig.1, Lectotype. [see also Yokoyama (1904b), Hirano (1973a)]

MM7064. *Harpoceras chrysanthemum* (Yokoyama), pl.J-10, fig.4. [see also Yokoyama (1904b), Hirano (1973a)]

Hirano, H. (1975b): Ammonoid fossils of Japan, 5 (Jurassic Ammonites, 11-Toyora group, 5). *Atlas of Japanese fossils*, no.48-305, 4pp., pl.J-12, Tsukiji Shokan Pub. Co. Ltd.

MM7066. *Peronoceras subfibulatum* (Yokoyama), pl.J-12, fig.5, Lectotype. [see also Yokoyama (1904b), Hirano (1973b)]

MM7067. *Peronoceras subfibulatum* (Yokoyama), pl.J-12, fig.8, Paralectotype. [see also Yokoyama (1904b), Hirano (1973b)]

MM7068. *Peronoceras subfibulatum* (Yokoyama), pl.J-12, fig.6, Paralectotype. [see also Yokoyama (1904b), Hirano (1973b)]

MM7069. *Peronoceras subfibulatum* (Yokoyama), pl.J-12, fig.7, Paralectotype. [see also Yokoyama (1904b), Hirano (1973b)]

MM7073. *Dactylioceras (Dactylioceras) helianthoides* Yokoyama, pl.J-12, fig.3, Lectotype. [see also Yokoyama (1904b), Hirano (1971)]

MM7074. *Dactylioceras (Dactylioceras) helianthoides* Yokoyama, pl.J-12, fig.2, Paralectotype. [see also Yokoyama (1904b), Hirano (1971)]

Iwasaki, Y. (1970b): Miocene molluscan fossils from the Tanakura-Hanawa area, Fukushima Pref., 1. *Atlas of Japanese Fossils*, no.10-57, 4pp., pl.N-17, Tsukiji Shokan Pub. Co. Ltd. [see also Iwasaki (1970a)]

CM8851. *Glycymeris cisshuensis* Makiyama, pl.N-17, fig.16.

CM9284. *Cerithium (Contumax) kobelti* Dunker, pl.N-17, fig.1.

CM9294. *Crepidula symmetrica* Nomura and Hatai, pl.N-17, fig.2.

CM9300. *Sinum yabei* Otuka, pl.N-17, fig.4a,b.

CM9301. *Neptunea hukusimensis* Nomura and Hatai, pl.N-17, fig.9.

CM9320. *Neverita kiritaniana* (Yokoyama), pl.N-17, fig.3.

CM9358. *Ocenebra cfr. japonica* (Dunker), pl.N-17, fig.5.

CM9360. *Siphonalia spadicea* (Reeve), pl.N-17, fig.8.

CM9362. *Phos iwakianus* (Yokoyama), pl.N-17, fig.7.

CM9372. *Phos iwakianus* (Yokoyama), pl.N-17, fig.6.

IWASAKI - KANAGAWA

Iwasaki, Y. (1970b): continued

- CM9381. *Nassarius tunetoyoensis* Nomura and Hatai, pl.N-17, fig.10.
- CM9382. *Nassarius tunetoyoensis* Nomura and Hatai, pl.N-17, fig.11.
- CM9389. *Cancellaria hukusimana* Nomura and Hatai, pl.N-17, fig.12.
- CM9396. *Surculites (Megasurcula) cryptoconoides* (Makiyama), pl.N-17, fig.13.
- CM9419. *Anadara tanakuraensis* Noda, pl.N-17, fig.15a,b.

Iwasaki, Y. (1970c): Miocene molluscs from the Tanakura-Hanawa area, Fukushima Pref., 2. *Atlas of Japanese Fossils*, no.12-68, 4pp., pl.N-24, Tsukiji Shokan Pub. Co. Ltd. [see also Iwasaki (1970a)]

- CM8873. *Protothaca tateiwai* (Makiyama), pl.N-24, fig.8.
- CM8883. *Mercenaria chitaniana* (Yokoyama), pl.N-24, fig.9.
- CM8905. *Dosinia kaneharai* Yokoyama, pl.N-24, fig.7.
- CM8947. *Dosinia (Phacosoma) hataii* Masuda, pl.N-24, fig.6.
- CM8962. *Laevicardium shiobarensense* (Yokoyama), pl.N-24, fig.5a,b.
- CM9154. *Lucinoma annulata* (Reeve), pl.N-24, fig.4.
- CM9178. *Patinopecten paraplebejus* (Nomura and Hatai), pl.N-24, fig.2.
- CM9226. *Chlamys kaneharai* (Yokoyama), pl.N-24, fig.1.
- CM9236. *Felaniella usta* (Gould), pl.N-24, fig.3.
- CM9265. *Macoma incongrua* (von Martens), pl.N-24, fig.10.

Kanagawa, K. and Ando, H. (1983): Discovery of Monotis in the Ofunato area, southern Kitakami mountains and its significance. *Jour. Geol. Soc. Japan*, vol.89, no.3, pp.187-190, text-figs.1-3.

- MM6926. *Monotis ochotica* (Keyserling), p.188, fig.3-1L.
- MM6927. *Monotis ochotica* (Keyserling), p.188, fig.3-1R.
- MM6928. *Monotis ochotica* (Keyserling), p.188, fig.2-2U.
- MM6929. *Monotis ochotica* (Keyserling), p.188, fig.3-2L.
- MM6930. *Monotis ochotica* (Keyserling), p.188, fig.3-3U.
- MM6931. *Monotis ochotica* (Keyserling), p.188, fig.3-3L.
- MM6932. *Monotis ochotica* (Keyserling), p.188, fig.3-4.
- MM6933. *Monotis ochotica* (Keyserling), p.188, fig.3-5.
- MM6934. *Monotis ochotica* (Keyserling), p.188, fig.3-6.
- MM6935. *Monotis ochotica* (Keyserling), p.188, fig.3-7.

KASE

Kase, T. (1984): Early Cretaceous marine and brackish-water Gastropoda from Japan. pp.1-263, pls.1-31, text-figs.1-22, National Science Museum, Tokyo.

- MM7900. *Cassiope (Cassiopella) angusta* (Kobayashi and Suzuki), p.119, pl.17, fig.3, Paralectotype. [see also Kobayashi and Suzuki (1939)]
- MM7903. *Cassiope (Cassiope) neumayri* (Nagao), p.113, pl.17, fig.9. [see also Kobayashi and Suzuki (1939)]
- MM7904. *Cassiope (Cassiopella) angusta* (Kobayashi and Suzuki), p.119, pl.17, fig.5a-c, Lectotype. [see also Kobayashi and Suzuki (1939)]
- MM15414. *Conotomaria* sp. cf. *C. lima* (d'Orbigny), p.48, pl.1, fig.1a-d.
- MM15415. *Conotomaria oshimensis* Kase, p.49, pl.1, fig.2a-e, Holotype.
- MM15416. *Acmaea* ? *moshiensis* Kase, p.53, pl.3, fig.2a,b, Holotype.
- MM15417. *Acmaea* ? *moshiensis* Kase, p.53, pl.3, fig.3a,b, Paratype.
- MM15418. *Acmaea* ? *moshiensis* Kase, p.53, pl.3, fig.5, Paratype.
- MM15421. *Acmaea* ? *moshiensis* Kase, p.53, pl.3, fig.1a,b, Paratype.
- MM15422. *Acmaea* ? *moshiensis* Kase, p.53, pl.3, fig.4, Paratype.
- MM15423. *Scurriopsis (Dietrichiella?)* sp. B, p.52, pl.2, fig.7a,b.
- MM15424. *Scurriopsis (Scurriopsis)* *oshimensis* Kase, p.51, pl.2, fig.8a,b, Paratype.
- MM15425. *Scurriopsis (Scurriopsis)* *oshimensis* Kase, p.51, pl.2, fig.10a,b, Paratype.
- MM15426. *Scurriopsis (Scurriopsis)* *oshimensis* Kase, p.51, pl.2, fig.11a,b, Holotype.
- MM15427. *Patella* (s. l.) *miyakoensis* Kase, p.54, pl.2, fig.4a,b, Holotype.
- MM15428. *Patella* (s. l.) *miyakoensis* Kase, p.54, pl.2, fig.5a,b, Paratype.
- MM15429. *Scurriopsis (Scurriopsis)* *aptiana* Kase, p.50, pl.2, fig.2a,b, Holotype.
- MM15430. *Scurriopsis (Scurriopsis)* *aptiana* Kase, p.50, pl.2, fig.3, Paratype.
- MM15431. *Scurriopsis (Scurriopsis)* sp. cf. *S. (S.) aptiana* Kase, p.50, pl.2, fig.9a,b.
- MM15432. *Proconulus hiraigensis* Kase, p.64, pl.4, fig.11a-c, Holotype.
- MM15433. *Proconulus hiraigensis* Kase, p.64, pl.4, fig.2a-c, Paratype.
- MM15434. *Proconulus hiraigensis* Kase, p.64, pl.4, fig.3a,b, Paratype.
- MM15435. *Proconulus hiraigensis* Kase, p.64, pl.4, fig.12a,b, Paratype.
- MM15437. *Proconulus hiraigensis* Kase, p.64, pl.4, fig.5a-c, Paratype.
- MM15438. *Discotectus crassus* (Nagao), p.69, pl.4, fig.13a-c.

KASE

Kase, T. (1984): continued

- MM15439. *Discotectus cripus* (Blanckenhorn), p.67, pl.4, fig.6a,b.
- MM15441. *Discotectus cripus* (Blanckenhorn), p.67, pl.4, fig.8.
- MM15442. *Discotectus cripus* (Blanckenhorn), p.67, pl.4, fig.9a,b.
- MM15443. *Discotectus cripus* (Blanckenhorn), p.67, pl.4, fig.7.
- MM15444. *Discotectus cripus* (Blanckenhorn), p.67, pl.4, fig.10a,b.
- MM15445. *Ozodochilus coessmanni* Kase, p.65, pl.5, fig.1a-c; text-fig.16, Holotype.
- MM15446. *Chilodonta* sp. cf. *C. antiqua* Whitfield, p.71, pl.6, fig.1a-c.
- MM15447. *Chilodonta* sp. cf. *C. antiqua* Whitfield, p.71, pl.6, fig.3a-c.
- MM15448. *Semisolarium incrassatum* (Nagao), p.58, pl.5, fig.6a-c.
- MM15450. *Semisolarium incrassatum* (Nagao), p.58, pl.5, fig.3a-c.
- MM15452. *Semisolarium incrassatum* (Nagao), p.58, pl.5, fig.5a-c.
- MM15453. *Semisolarium incrassatum* (Nagao), p.58, pl.5, fig.4a-c.
- MM15457. *Afrollonia matsushimensis* Kase, p.60, pl.6, fig.9a-c, Holotype.
- MM15458. *Afrollonia matsushimensis* Kase, p.60, pl.6, fig.10a-d, Paratype.
- MM15459. *Afrollonia matsushimensis* Kase, p.60, pl.6, fig.8a-c, Paratype.
- MM15461. *Afrollonia matsushimensis* Kase, p.60, pl.6, fig.5, Paratype.
- MM15462. *Calliomphalus* (*Calliomphalus*) *aptianus* Kase, p.61, pl.5, fig.7 a-c, Holotype.
- MM15463. *Michaletia japonica* Kase, p.62, pl.5, fig.8a-d; text-fig.15, Holotype.
- MM15464. *Ataphrus* (*Ataphrus*) *yokoyamai* Nagao, p.72, pl.7, fig.11a,b.
- MM15465. *Ataphrus* (*Ataphrus*) *yokoyamai* Nagao, p.72, pl.7, fig.2a-c.
- MM15466. *Ataphrus* (*Ataphrus*) *yokoyamai* Nagao, p.72, pl.7, fig.3a-c.
- MM15467. *Ataphrus* (*Ataphrus*) *yokoyamai* Nagao, p.72, pl.7, fig.5a-c.
- MM15468. *Ataphrus* (*Ataphrus*) *yokoyamai* Nagao, p.72, pl.7, fig.4a-c.
- MM15469. *Ataphrus* (*Ataphrus*) *Yokoyamai* Nagao, p.72, pl.7, fig.7a-c.
- MM15470. *Ataphrus* (*Ataphrus*) sp. cf. A. (A.) *desori* (Pictet and Campiche), p.74, pl.6, fig.7a-c.
- MM15471. *Ataphrus* (*Ataphrus*) sp. cf. A. (A.) *desori* (Pictet and Campiche), p.74, pl.6, fig.6a-c.
- MM15472. *Ataphrus* (*Ataphrus*) sp., p.75, pl.6, fig.4a,b.
- MM14573. *Trachopsidea japonica* Kase, p.76, pl.7, fig.1, Paratype.
- MM15474. *Trachopsidea japonica* Kase, p.76, pl.7, fig.8a,b, Holotype.
- MM15476. *Trachopsidea japonica* Kase, p.76, pl.7, fig.10a,b, Paratype.

KASE

Kase, T. (1984): continued

- MM15477. *Trochopsidea japonica* Kase, p.76, pl.7, fig.12a,b, Paratype.
- MM15478. *Trochopsides japonica* Kase, p.76, pl.7, fig.9a-c, Paratype.
- MM15481. *Prototurbo typicus* Kase, p.78, pl.6, fig.12a-d, Holotype.
- MM15483. *Prototurbo typicus* Kase, p.78, pl.6, fig.11a-d, Paratype.
- MM15484. *Homalopoma* (s. l.) *iwatense* Kase, p.79, pl.5, fig.2a-c, Holotype.
- MM15485. *Solariella* sp. cf. *S. cruciana* (Pictet and Compiche), p.70, pl.6, fig.13.
- MM15486. *Neritopsis* (*Neritopsis*) *tanohatensis* Kase, p.82, pl.8, fig.7a-c, Holotype. [see also Hanai, Obata and Hayami (1968)]
- MM15487. *Neritopsis* (*Neritopsis*) *tanohatensis* Kase, p.82, pl.8, fig.8a-c, Paratype.
- MM15488. *Neritopsis* (*Neritopsis*) *tanohatensis* Kase, p.82, pl.8, fig.5a-c, Paratype.
- MM15489. *Neritopsis* (*Neritopsis*) *tanohatensis* Kase, p.82, pl.8, fig.4a-c, Paratype.
- MM15490. *Neritopsis* (*Neritopsis*) *tanohatensis* Kase, p.82, pl.8, fig.2a,b, Paratype.
- MM15491. *Neritopsis* (*Neritopsis*) sp., p.83, pl.8, fig.1a-c.
- MM15492. *Neritopsis* (*Hayamiella*) *japonica* Kase, p.84, pl.8, fig.6a-c, Holotype.
- MM15493. *Neritoma* (*Neridomus*) sp. cf. *N.* (*N.*) *dolichostoma* (Cossmann), p.86, pl.10, fig.9a-e.
- MM15494. *Neritoma* (*Neridomus*) sp. cf. *N.* (*N.*) *dolichostoma* (Cossmann), p.86, pl.10, fig.10a-e.
- MM15497. *Lissochilus hanaii* Kase, p.88, pl.10, fig.7a-d, Holotype.
- MM15498. *Otostoma japonicum* (Nagao), p.90, pl.9, fig.2a-c. [see also Hanai, Obata and Hayami (1968)]
- MM15499. *Otostoma japonicum* (Nagao), p.90, pl.9, fig.3a-c.
- MM15500. *Otostoma japonicum* (Nagao), p.90, pl.9, fig.5a-c.
- MM15501. *Otostoma japonicum* (Nagao), p.90, pl.10, fig.6a-c.
- MM15502. *Otostoma japonicum* (Nagao), p.90, pl.10, fig.8a,b.
- MM15503. *Otostoma japonicum* (Nagao), p.90, pl.9, fig.9a,b.
- MM15504. *Otostoma japonicum* (Nagao), p.90, pl.9, fig.8a-c.
- MM15505. *Otostoma japonicum* (Nagao), p.90, pl.9, fig.4a-c.
- MM15507. *Otostoma japonicum* (Nagao), p.90, pl.9, fig.7a,b.
- MM15508. *Otostoma japonicum* (Nagao), p.90, pl.9, fig.1a-c.
- MM15510. *Otostoma* sp., p.91, pl.10, fig.5a-c.

KASE

Kase, T. (1984): continued

- MM15511. *Shikamacirrus nipponicus* Kase, p.93, pl.13, fig.7a-d, Holotype.
- MM15512. *Shikamacirrus nipponicus* Kase, p.93, pl.13, fig.8, Paratype.
- MM15513. *Shikamacirrus nipponicus* Kase, p.93, pl.13, fig.9, Paratype.
- MM15514. *Shikamacirrus nipponicus* Kase, p.93, pl.13, fig.2a,b, Paratype.
- MM15515. *Shikamacirrus nipponicus* Kase, p.93, pl.13, fig.6, Paratype.
- MM15516. *Shikamacirrus nipponicus* Kase, p.93, pl.13, fig.1a,b, Paratype.
- MM15517. *Shikamacirrus nipponicus* Kase, p.93, pl.13, fig.3, Paratype.
- MM15518. *Shikamacirrus nipponicus* Kase, p.93, pl.13, fig.4, Paratype.
- MM15519. *Shikamacirrus nipponicus* Kase, p.93, pl.13, fig.5a-c, Paratype.
- MM15520. *Onkospira haipensis* Kase, p.95, pl.11, fig.9a-c, Holotype.
- MM15521. *Onkospira haipensis* Kase, p.95, pl.11, fig.11a-c, Paratype.
- MM15522. *Onkospira haipensis* Kase, p.95, pl.11, fig.10a-c, Paratype.
- MM15523. *Onkospira haipensis* Kase, p.95, pl.11, fig.12a,b, Paratype.
- MM15525. *Onkospira* sp., p.96, pl.14, fig.8.
- MM15526. *Nododelphinula hiraigensis* Kase, p.100, pl.11, fig.15a-c, Paratype.
- MM15527. *Nododelphinula hiraigensis* Kase, p.100, pl.11, fig.14a-d, Holotype.
- MM15528. *Nododelphinula hiraigensis* Kase, p.100, pl.11, fig.16a-c, Paratype.
- MM15531. *Hanaispira annularis* (Stoliczka), p.103, pl.12, fig.5a-c. [see also Masutomi and Hamada (1966)]
- MM15534. *Hanaispira annularis* (Stoliczka), p.103, pl.12, fig.4a-c.
- MM15535. *Hanaispira annularis* (Stoliczka), p.103, pl.13, fig.12a-c.
- MM15536. *Hanaispira annularis* (Stoliczka), p.103, pl.12, fig.3a-c.
- MM15539. *Hanaispira annularis* (Stoliczka), p.103, pl.12, fig.2a-c.
- MM15540. *Hanaispira annularis* (Stoliczka), p.103, pl.13, fig.10a-c.
- MM15541. *Hanaispira annularis* (Stoliczka), p.103, pl.12, fig.1a-c.
- MM15542. *Hanaispira annularis* (Stoliczka), p.103, pl.13, fig.11a-c.
- MM15543. *Hanaispira annularis* (Stoliczka), p.103, pl.13, fig.13a,b.
- MM15544. *Trypanotrochus rikuchuensis* (Nagao), p.97, pl.11, fig.1a-c.
- MM15545. *Trypanotrochus rikuchuensis* (Nagao), p.97, pl.11, fig.2.
- MM15546. *Trypanotrochus rikuchuensis* (Nagao), p.97, pl.11, fig.3a,b.
- MM15547. *Trypanotrochus rikuchuensis* (Nagao), p.97, pl.11, fig.4.
- MM15548. *Trypanotrochus rikuchuensis* (Nagao), p.97, pl.11, fig.5.

KASE

Kase, T. (1984): continued

- MM15550. *Trypanotrochus cretaceus* Kase, p.98, pl.11, fig.6a-c, Holotype.
- MM15551. *Trypanotrochus cretaceus* Kase, p.98, pl.11, fig.7a-c, Paratype.
- MM15552. *Trypanotrochus cretaceus* Kase, p.98, pl.11, fig.8a,b, Paratype.
- MM15554. *Cassiope (Cassiope)* sp., p.115, text-fig.18 L.
- MM15555. *Cassiope (Cassiope)* sp., p.115, text-fig.18 R.
- MM15556. *Archimedea rigida* (Nagao), p.173, pl.29, fig.5; pl.30, fig.12.
- MM15557. *Archimedea rigida* (Nagao), p.173, pl.29, fig.6.
- MM15558. *Aptyxiella hideshimensis* Kase, p.175, pl.30, fig.11, Holotype.
- MM15559. *Aptyxiella hideshimensis* Kase, p.175, pl.30, fig.10, Paratype.
- MM15560. *Aptyxiella hideshimensis* Kase, p.175, pl.29, fig.1a,b, Paratype.
- MM15561. *Aptyxiella hideshimensis* Kase, p.175, pl.29, fig.2, Paratype.
- MM15562. *Aptyxiella hideshimensis* Kase, p.175, pl.31, fig.1, Paratype.
- MM15563. *Endiatrachelus* sp. cf. *E. parallela* (Anderson and Hanna), p.178, pl.30, fig.8.
- MM15564. *Endiatrachelus* sp. cf. *E. parallela* (Anderson and Hanna), p.178, pl.30, fig.9.
- MM15565. *Endiatrachelus* sp. cf. *E. parallela* (Anderson and Hanna), p.178, pl.30, fig.7a,b.
- MM15567. *Endiatrachelus* sp. cf. *E. parallela* (Anderson and Hanna), p.178, pl.31, fig.2.
- MM15568. *Gyrodes munitus* (Forbes), p.150, pl.25, fig.13a-d.
- MM15569. *Gyrodes munitus* (Forbes), p.150, pl.25, fig.12a,b.
- MM15571. *Gyrodes nagaoi* Kase, p.151, pl.24, fig.2a-c, Holotype.
- MM15572. *Gyrodes nagaoi* Kase, p.151, pl.24, fig.3, Paratype.
- MM15573. *Globularia* ? sp. aff. *G. cureti* (Cossmann), p.153, pl.24, fig.1.
- MM15574. *Globularia* ? *neritiformis* Kase, p.154, pl.27, fig.1a-d, Holotype.
- MM15575. *Tylostoma miyakoense* Nagao, p.158, pl.26, fig.4a-c. [see also Masutomi and Hamada (1966)]
- MM15576. *Tylostoma miyakoense* Nagao, p.158, pl.26, fig.2a,b.
- MM15577. *Tylostoma miyakoense* Nagao, p.158, pl.26, fig.1a,b.
- MM15578. *Tylostoma miyakoense* Nagao, p.158, pl.26, fig.3a,b.
- MM15586. *Tylostoma hanaii* Kase, p.159, pl.27, fig.3a-c, Holotype.
- MM15587. *Tylostoma hanaii* Kase, p.159, pl.27, fig.2a,b, Paratype.
- MM15588. *Amauropsis importuna* (Nagao), p.154, pl.25, fig.1a-c.
- MM15589. *Amauropsis importuna* (Nagao), p.154, pl.25, fig.4a-c.

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Kase, T. (1984): continued

- MM15590. *Amauopsis importuna* (Nagao), p.154, pl.25, fig.6a,b.
- MM15591. *Amauopsis importuna* (Nagao), p.154, pl.25, fig.7.
- MM15593. *Amauopsis importuna* (Nagao), p.154, pl.25, fig.2.
- MM15594. *Amauopsis importuna* (Nagao), p.154, pl.25, fig.3.
- MM15595. *Amauopsis importuna* (Nagao), p.154, pl.25, fig.9.
- MM15597. *Amauopsis importuna* (Nagao), p.154, pl.25, fig.5.
- MM15606. *Euspira* sp., p.156, pl.25, fig.10a,b.
- MM15607. *Drepanochilus elegantodigitatus* Nagao, p.139, pl.23, fig.3a-c.
- MM15608. *Drepanochilus elegantodigitatus* Nagao, p.139, pl.23, fig.1.
- MM15609. *Drepanochilus elegantodigitatus* Nagao, p.139, pl.23, fig.5.
- MM15610. *Drepanochilus elegantodigitatus* Nagao, p.139, pl.23, fig.2a,b.
- MM15611. *Drepanochilus elegantodigitatus* Nagao, p.139, pl.23, fig.4.
- MM15612. *Drepanochilus* sp., p.141, pl.22, fig.1a,b.
- MM15613. *Perissoptera* sp. aff. *P. parkinsoni* (Mantell), p.141, pl.22, fig.7.
- MM15614. *Ceratosiphon* sp. cf. *C. ebrayi* (de Loriol), p.144, pl.22, fig.6.
- MM15615. *Arrhoges (Latiala) hayamii* Kase, p.145, pl.22, fig.9, Holotype.
- MM15617. *Arrhoges (Latiala) hayamii* Kase, p.145, pl.22, fig.10, Paratype.
- MM15618. *Arrhoges (Latiala) hayamii* Kase, p.145, pl.22, fig.8a,b, Paratype.
- MM15619. *Acirsa (Hemiacirsa) miyakoensis* (Nagao), p.164, pl.28, fig.13.
- MM15620. *Acirsa (Hemiacirsa) miyakoensis* (Nagao), p.164, pl.28, fig.14.
- MM15621. *Confusiscala* sp. cf. *C. novemvaricosa* (Whitfield), p.166, pl.28, fig.11a,b.
- MM15622. *Confusiscala* sp. cf. *C. novemvaricosa* (Whitfield), p.166, pl.28, fig.12.
- MM15625. *Acteon* ? sp., p.167, pl.28, fig.3.
- MM15626. *Acteon* ? sp., p.167, pl.28, fig.4.
- MM15627. *Tornatellaea* sp. cf. *T. ebrayi* (de Loriol), p.168, pl.28, fig.1a,b.
- MM15628. *Tornatellaea* sp. cf. *T. ebrayi* (de Loriol), p.168, pl.28, fig.2.
- MM15629. *Eriptycha minima* (Nagao), p.170, pl.28, fig.10a,b.
- MM15630. *Eriptycha minima* (Nagao), p.170, pl.28, fig.7a,b.
- MM15631. *Eriptycha minima* (Nagao), p.170, pl.28, fig.8a,b.
- MM15632. *Eriptycha minima* (Nagao), p.170, pl.28, fig.6a,b.
- MM15633. *Eriptycha minima* (Nagao), p.170, pl.28, fig.9a,b.

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Kase, T. (1984): continued

- MM15634. *Eriptycha minima* (Nagao), p.170, pl.28, fig.5a,b.
MM15639. *Torquesia yaegashii* (Nagao), p.121, pl.19, fig.8a,b.
MM15640. *Torquesia yaegashii* (Nagao), p.121, pl.19, fig.6.
MM15641. *Torquesia yaegashii* (Nagao), p.121, pl.19, fig.4.
MM15642. *Torquesia yaegashii* (Nagao), p.121, pl.19, fig.5.
MM15643. *Torquesia yaegashii* (Nagao), p.121, pl.19, fig.7.
MM15645. *Turritella* ? sp. A, p.123, pl.19, fig.13a,b.
MM15646. *Cirsocerithium subspinosum* (Deshayes), p.130, pl.20, fig.11a,b.
MM15647. *Cirsocerithium subspinosum* (Deshayes), p.130, pl.20, fig.10a,b.
MM15649. *Cirsocerithium reticulatum* (Nagao), p.131, pl.20, fig.12a-c.
MM15650. *Cirsocerithium reticulatum* (Nagao), p.131, pl.20, fig.13.
MM15652. *Symmetrocapulus hanaii* Kase, p.149, pl.24, fig.7a-c, Holotype.
MM15653. *Symmetrocapulus hanaii* Kase, p.149, pl.24, fig.5a-c, Paratype.
MM15654. *Symmetrocapulus hanaii* Kase, p.149, pl.24, fig.6, Paratype.
MM15655. *Hanai'bursa aquilana* (Parona), p.162, pl.28, fig.16a,b.
MM15656. *Trajanella fraasi* (Dietrich), p.108, pl.15, fig.5a-c.
MM15657. *Trajanella fraasi* (Dietrich), p.108, pl.15, fig.6a-c. [see also Hanai, Obata and Hayami (1968)]
MM15660. *Trajanella fraasi* (Dietrich), p.108, pl.15, fig.4.
MM15662. *Pseudomelania elegantula* Nagao, p.107, pl.16, fig.4a-c. [see also Masutomi and Hamada (1966), Hanai, Obata and Hayami (1968)]
MM15663. *Pseudomelania elegantula* Nagao, p.107, pl.16, fig.3a-c.
MM15664. *Pseudomelania elegantula* Nagao, p.107, pl.16, fig.2.
MM15665. *Pseudomelania elegantula* Nagao, p.107, pl.16, fig.1a,b.
MM15670. *Cimolithium* ? *miyakoense* (Nagao), p.135, pl.21, fig.5a-c.
MM15671. *Cimolithium* ? *miyakoense* (Nagao), p.135, pl.21, fig.9a,b.
MM15672. *Cimolithium* ? *miyakoense* (Nagao), p.135, pl.21, fig.7.
MM15673. *Cimolithium* ? *miyakoense* (Nagao), p.135, pl.21, fig.6.
MM15674. *Cimolithium* ? *miyakoense* (Nagao), p.135, pl.21, fig.8.
MM15675. *Cimolithium* ? *miyakoense* (Nagao), p.135, pl.21, fig.4.
MM15676. *Cimolithium* ? *miyakoense* (Nagao), p.135, pl.21, fig.2.
MM15677. *Cimolithium* ? *miyakoense* (Nagao), p.135, pl.21, fig.3a-c.
MM15679. *Cimolithium* ? *miyakoense* (Nagao), p.135, pl.21, fig.1a,b.
MM15688. *Cimolithium* ? *miyakoense* (Nagao), p.135, text-fig.20 L.

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Kase, T. (1984): continued

- MM15689. *Cimolithium ? miyakoense* (Nagao), p.135, text-fig.20 R.
MM15690. *Nododelphinula hiraigensis* Kase, p.100, pl.11, fig.13a-c, Paratype.
MM15691. *Mesoneritina ? sp.*, p.92, pl.10, fig.4a,b.
MM15692. *Bathraspira excavata* Nagao, p.133, pl.20, fig.15.
MM15694. *Pyrazus ? scalariformis* Nagao, p.137, pl.20, fig.18a,b. [see also Hanai, Obata and Hayami (1968)]
MM15695. *Pyrazus ? scalariformis* Nagao, p.137, pl.20, fig.19a,b.
MM15696. *Tylostoma* sp., p.161, pl.27, fig.4; pl.28, fig.17.
MM15697. *Otostoma japonicum* (Nagao), p.90, pl.10, fig.1a,b.
MM15698. *Otostoma japonicum* (Nagao), p.90, pl.10, fig.2a,b.
MM15699. *Otostoma japonicum* (Nagao), p.90, pl.10, fig.3.
MM15700. *Semisolarium incrassatum* (Nagao), p.58, pl.5, fig.9.
MM15701. *Archimedea rigida* (Nagao), p.173, pl.29, fig.7. [see also Hanai, Obata and Hayami (1968)]
MM15703. *Pyrgulifera nodosa* Kase, p.129, pl.14, fig.2a-c, Holotype.
MM15704. *Pyrgulifera nodosa* Kase, p.129, pl.14, fig.3, Paratype.
MM15705. *Pyrgulifera nodosa* Kase, p.129, pl.14, fig.1a,b, Paratype.
MM15706. *Calliostoma ? sp.*, p.63, pl.4, fig.1.
MM15707. *Brunonia undulata* Kase, p.56, pl.3, fig.6a,b, Holotype.
MM15708. *Brunonia undulata* Kase, p.56, pl.3, fig.7a,b, Paratype.
MM15712a. *Purpuroidea* sp., p.105, pl.14, fig.4a-c.

The following specimens, which were mentioned but not illustrated in this paper, are also preserved in this museum.

Acmaea ? moshiensis Kase: MM15419, MM15420, Paratypes.

Proconulus hiraigensis Kase: MM15436, Paratype.

Discotectus cripus (Blanckenhorn): MM15440

Semisolarium incrassatum (Nagao): MM15449, MM15451, MM15454, MM15455, MM15456

Afrollonia matsushimensis Kase: MM15460, Paratype.

Trochopsides japonica Kase: MM15475, MM15479, MM15480, Paratypes.

Prototurbo typicus Kase: MM15482, Paratype.

Neritoma (Neridomus) sp. cf. N. (N.) dolichostoma (Cossmann): MM15495, MM15496.

Otostoma japonicum (Nagao): MM15506, MM15509

Onkospira haipensis Kase: MM15524, Paratype.

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Kase, T. (1984): continued

Nododelphinula hiraigensis Kase: MM15529, MM15530, Paratypes.

Hanaispira annularis (Stoliczka): MM15532, MM15533, MM15537, MM15538

Trypanotrochus rikuchuensis (Nagao): MM15549

Trypanotrochus cretaceus Kase: MM15553, Paratype.

Endiatrachelus sp. cf. *E. parallela* (Anderson and Hanna): MM15566

Gyrodes munitus (Forbes): MM15570

Tylostoma miyakoense Nagao: MM15579, MM15580, MM15581, MM15582, MM15583, MM15584, MM15585

Amauropsis importuna (Nagao): MM15592, MM15596, MM15598, MM15599, MM15600, MM15601, MM15602, MM15603, MM15604, MM15605

Arrhoges (Latiala) hayamii Kase: MM15616, Paratype.

Confusiscala sp. cf. *C. novemvaricosa* (Whitfield): MM15623, MM15624

Eriptycha minima (Nagao): MM15635, MM15636, MM15637, MM15638

Torquesia yaegashii (Nagao): MM15644

Cirsocerithium subspinosum (Deshayes): MM15648

Cirsocerithium reticulatum (Nagao): MM15651

Trajanella fraasi (Dietrich): MM15658, MM15659, MM15661

Pseudomelania elegantula Nagao: MM15666, MM15667, MM15668, MM15669

Cimolithium ? miyakoense (Nagao): MM15678, MM15680, MM15681, MM15682, MM15683, MM15684, MM15685, MM15686, MM15687

Bathraspira excavata Nagao: MM15693

Tylostoma hanaii Kase: MM15709, MM15710a, MM15711a, Paratypes.

Purpuroidea sp.: MM15713a

KOBAYASHI

Kobayashi, T. (1960): Some Ordovician fossils from East Tonkin, Viet Nam.
Japan. Jour. Geol. Geogr., vol.31, pp.39-48, pl.5.

- PA15975.* *Lonchodomas* sp., p.39, pl.5, fig.2.
PA15976.* Agnostid, indet., p.40, pl.5, fig.3.
PS15977.* *Receptaculites* (?) sp., p.41, pl.5, fig.8.
PA15978.* *Vietnamia douvillei* (Mansuy), p.44, pl.5, fig.4.
PA15979.* *Vietnamia douvillei* (Mansuy), p.44, pl.5, fig.5.
PA15980.* *Ceraurinella* cfr. *mitis* (reed), p.46, pl.5, fig.1.

Kobayashi, T. (1963a): On the Cretaceous Ban Na Yo fauna of east Thailand
with a note on the distribution of *Nippononaia*, *Trigonoides* and *Plicatounio*.
Japan. Jour. Geol. Geogr., vol.34, no.1, pp.35-43, pl.3.

- MM4897.* *Nippononaia mekongensis* Kobayashi, p.39, pl.3, fig.1a,b, Paratype.
MM4898.* *Nippononaia mekongensis* Kobayashi, p.39, pl.3, fig.2a,b, Paratype.
MM4899.* *Nippononaia mekongensis* Kobayashi, p.39, pl.3, fig.3a,b, Holotype.
MM4900.* *Nippononaia mekongensis* Kobayashi, p.39, pl.3, fig.4a,b, Paratype.
MM4901.* *Nippononaia mekongensis* Kobayashi, p.39, pl.3, fig.5, Paratype.
MM4902.* *Nippononaia mekongensis* Kobayashi, p.39, pl.3, fig.6, Paratype.
MM4903.* *Trigonoides* sp. nov., p.40, pl.3, fig.8.
MM4904.* *Plicatounio* sp. nov., p.41, pl.3, fig.7.
MM4905.* *Paranodonta* (?) *khoratensis* Kobayashi, p.41, pl.3, fig.9, Paratype.
MM4906.* *Paranodonta* (?) *khoratensis* Kobayashi, p.41, pl.3, fig.10, Holotype.

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Malaya. *Japan. Jour. Geol. Geogr.*, vol.34, nos.2-4, pp.101-112, pl.5.

- MM4915. *Daonella indica* Bittner, p.108, pl.5, fig.2.
MM4916.* *Daonella indica* Bittner, p.108, pl.5, fig.3.
MM4917.* *Daonella sakawana* Mojsisovics, p.108, pl.5, fig.8.
MM4918.* *Daonella lommeli* (Wissmann), p.109, pl.5, fig.6.
MM4919.* *Daonella pahangensis* Kobayashi, p.110, pl.5, fig.11, Holotype.
MM4920.* *Daonella pichleri* Mojsisovics, p.110, pl.5, fig.4.
MM4921.* *Daonella pichleri* Mojsisovics, p.110, pl.5, fig.5b.

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Kobayashi, T. (1963c): Halobia and some other fossils from Kedah, north-west Malaya. *Japan. Jour. Geol. Geogr.*, vol.34, nos.2-4, pp.113-128, pl.6, text-figs.1,2.

- ME16201.* *Entrachus* (?) sp., p.118, pl.6, figs.16,17.
MB16202.* "*Rhynchonella*" *malayensis* Kobayashi, p.118, pl.6, fig.9, Syntype.
MB16203.* "*Rhynchonella*" *malayensis* Kobayashi, p.118, pl.6, fig.10, Syntype.
MM16204.* *Posidonia* sp. aff. *P. siamensis* (Reed), p.119, pl.6, fig.15.
MM16205.* *Posidonia kedahensis* Kobayashi, p.120, pl.6, fig.2, Paratype.
MM16206.* *Posidonia kedahensis* Kobayashi, p.120, pl.6, fig.3, Paratype.
MM16207.* *Posidonia kedahensis* Kobayashi, p.120, pl.6, fig.4, Paratype.
MM16208.* *Posidonia kedahensis* Kobayashi, p.120, pl.6, fig.5, Paratype.
MM16209.* *Posidonia kedahensis* Kobayashi, p.120, pl.6, fig.6, Paratype.
MM16210.* *Posidonia kedahensis* Kobayashi, p.120, pl.6, fig.7, Holotype.
MM16211.* *Posidonia kedahensis* Kobayashi, p.120, pl.6, fig.8, Paratype.
MM16212.* *Posidonia* cfr. *japonica* Kobayashi and Hukasawa, p.121, pl.6, fig.1.
MM16213. *Halobia charlysna* Mojsisovics, p.121, pl.6, fig.20. (missing)
MM16214.* *Halobia talauana* Wanner, p.122, pl.6, fig.14.
MM16215.* *Halobia subquadrata* Kobayashi, p.123, pl.6, fig.21, Holotype.
MM16216.* *Halobia subquadrata* Kobayashi, p.123, pl.6, fig.22, Paratype.
MM16217.* *Halobia aotii* Kobayashi and Ichikawa, p.123, pl.6, fig.18.
MM16218. *Halobia parallela* Kobayashi, p.124, pl.6, fig.11, Paratype.
MM16219.* *Halobia parallela* Kobayashi, p.124, pl.6, fig.12, Holotype.
MM16220. *Halobia comata* Bittner, p.124, pl.6, fig.13.
MM16221.* *Halobia indica* Bittner, p.125, text-fig.2.
MM16222.* *Pecten (Chlamys) courtieri* Kobayashi, p.126, pl.6, fig.19, Holotype.

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- PM6893. *Maclurites tofangoensis* (Kobayashi), p.235, fig.2a.

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Kobayashi, T. (1966): continued

- PB6894. *Lingulella marcia* Walcott, p.234, fig.2b.
PB6895. *Acrothele eryx* Walcott, p.234, fig.2c.
PB6896. *Acrothele eryx* Walcott, p.234, fig.2d.
PA6897. *Pseudoliostracina walcotti* (Resser and Endo), p.234, fig.2e.
PA6898. *Pseudagnostus longicollis* Kobayashi, p.283, fig.7 upper, Syntype.
PA6899. *Pseudagnostus longicollis* Kobayashi, p.283, fig.7 middle, Syntype.
PA6900. *Pseudagnostus longicollis* Kobayashi, p.283, fig.7 lower, Syntype.

Kobayashi, T. (1968): The Cretaceous non-marine pelecypods from the Nam Phung Dam site in the northeastern part of the Khorat Plateau, Thailand with a note on the Trigonioididae. *Geol. Palaeont. Southeast Asia*, vol.4, pp.109-138, pls.20-23, text-figs.1,2.

- MM4907.* *Plicatotrigonoides* (?) *subovalis* Kobayashi, p.128, pl.20, fig.1 a,b, Holotype.
MM4908.* *Plicatotrigonoides* (?) *subovalis* Kobayashi, p.128, pl.20, fig.2, Paratype.
MM4909.* *Pseudohyria* (?) sp., p.129, pl.22, fig.1a,b.
MM4910.* *Nippononaia carinata* Kobayashi, p.130, pl.21, fig.1a,b, Holotype.
MM4911.* *Nippononaia* (*Mekongiconcha*) *robusta* Kobayashi, p.132, pl.21, fig.3a,b, Holotype.
MM4912.* *Nippononaia* (*Mekongiconcha*) *subquadrata* Kobayashi, p.132, pl.20, fig.5, Holotype.
MM4913.* *Plicatounio namphungensis* Kobayashi, p.133, pl.21, fig.2a-c, Holotype.
MM4914.* "Unio" *sampanoides* Kobayashi, p.134, pl.22, fig.2a,b, Holotype.

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- PM0051. *Discoactinoceras multiplexum* Kobayashi, p.226, pl.31, figs.1-5; text-figs.1,2, Holotype. [see also Kobayashi (1928)]
PM4296. *Discoactinoceras* cf. *multiplexum* Kobayashi, p.228, pl.32, fig.1 a,b.
PM4297. *Discoactinoceras* cf. *multiplexum* Kobayashi, p.228, pl.32, fig.2 a-c.

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Kobayashi, T. (1978): continued

- PM4298. *Discoactinoceras okdongense* Kobayashi, p.229, pl.32, fig.3, Paratype.
- PM4299. *Discoactinoceras okdongense* Kobayashi, p.229, pl.32, fig.4a-c, Paratype.
- PM4300. *Discoactinoceras okdongense* Kobayashi, p.229, pl.32, fig.5a-c, Holotype.

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- PM8208. *Irianoceras antiquum* Kobayashi, p.628, fig.1a-d, Holotype.
- PM8209. *Irianoceras antiquum* Kobayashi, p.628, fig.2a,b, Paratype.
- PM8210. *Irianoceras antiquum* Kobayashi, p.628, fig.3a-c, Paratype.

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- MM4922. *Daonella indica* Bittner, p.104, text-fig.3a.
- MM4923. *Daonella* cfr. *indica* Bittner, p.110, text-fig.4a.
- MM4924. *Paratrachyceras* (?) sp., p.110, text-fig.4b.
- MM4925. *Posidonia* sp., p.110, text-fig.4c.
- MM4926. *Posidonia tawarensis* Kobayashi and Tokuyama, p.114, pl.24, fig.3, Syntype.
- MM4927. *Posidonia tawarensis* Kobayashi and Tokuyama, p.114, pl.24, fig.4, Syntype.
- MM4928. *Posidonia* cfr. *idriana* (Mojsisovics), p.115, pl.24, fig.1.
- MM4929. *Posidonia* cfr. *idriana* (Mojsisovics), p.115, pl.24, fig.2.
- MM4930. *Posidonia* cfr. *cycloidalis* Kittl, p.115, pl.24, fig.5.
- MM4931. *Posidonia* (?) sp. A, p.115, pl.24, fig.6.
- MM4932. *Posidonia* (?) sp. B, p.115, pl.24, fig.7.
- MM4933. *Daonella posidoniformis* Kobayashi and Tokuyama, p.116, pl.24, fig.13, Syntype.
- MM4934. *Daonella multilineata* (Jones), p.116, pl.24, fig.17.
- MM4935. *Daonella multilineata* (Jones), p.116, pl.24, fig.18.

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Kobayashi, T., Burton, C. K., Tokuyama, A. and Yin, E. H. (1967): continued

- MM4936. *Daonella* sp. cf. *D. kotoi* Mojsisovics, p.117, pl.24, fig.8.
MM4937. *Daonella* sp. cf. *D. kotoi* Mojsisovics, p.117, pl.24, fig.9.
MM4938. *Daonella burtoni* Kobayashi and Tokuyama, p.117, pl.24, fig.15, Holotype.
MM4939. *Daonella procteri* Kobayashi and Tokuyama, p.118, pl.24, fig.16; text-fig.3b, Syntype.
MM4940. *Daonella* cfr. *pectinoides* Kobayashi and Tokuyama, p.118, pl.24, fig.14.
MM4941. *Halobia* cfr. *austriaca* Mojsisovics, p.118, pl.24, fig.11.
MM4942. *Halobia* cfr. *austriaca* Mojsisovics, p.118, pl.24, fig.12.
MM4943. *Halobia* cfr. *molukkana* Wanner, p.119, pl.24, fig.10.
MW4944. *Serpulites* (s. l.) sp., p.119, text-fig.5a.
MW4945. *Serpulites* (s. l.) sp., p.119, text-fig.5b.

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- PA4962b. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.1, Paratype.
PA4962e. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.10, Paratype.
PA4962g. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.12, Paratype.
PA4963a. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.9, Paratype.
PA4963d. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.2, Paratype.
PA4963l. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.20, Paratype.
PA4964a. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.3, Paratype.
PA4965a. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.25, Paratype.
PA4965d. *Dalmanitina malayensis* Kobayashi and Hamada, p.17, pl.4, fig.4, Paratype.
PA4966b. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.5, Paratype.

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Kobayashi, T. and Hamada, T. (1964a): continued

- PA4967b. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.6, Paratype.
- PA4968a. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.11, Paratype.
- PA4968b. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.7, Paratype.
- PA4969a. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.8, Holotype.
- PA4970f. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.13, Paratype.
- PA4971d. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.14, Paratype.
- PA4972c. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.15, Paratype.
- PA4973a. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.16, Paratype.
- PA4974a. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.27, Paratype.
- PA4974b. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.28, Paratype.
- PA4974d. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.17, Paratype.
- PA4975c. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.18, Paratype.
- PA4975d. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.21, Paratype.
- PA4976e. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.19, Paratype.
- PA4977a. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.22, Paratype.
- PA4978s. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.23, Paratype.
- PA4979b. *Dalmanitina malayensis* Kobayashi and Hamada, p.107, pl.4, fig.24, Paratype.

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- PM4946.* *Lophospira* sp. a, p.206, pl.9, fig.18.
- PM4947. *Lophospira* sp. a, p.206, pl.9, fig.19.
- PM4948a. *Lophospira* sp. a, p.206, pl.9, fig.20.
- PM4948b. Endoceroid siphuncle (?), p.207, pl.9, fig.16.
- PM4948c. Ormoceroid, gen. et sp. indet., p.207, pl.9, fig.17.
- PM4949. *Lophospira* sp. b, p.207, pl.9, fig.21.
- PM4950. *Lophospira* sp. b, p.207, pl.9, fig.22.
- PA4951. *Basiliella satunensis* Kobayashi and Hamada, p.208, pl.9, fig.1a,b, Holotype.
- PA4952. *Basiliella satunensis* Kobayashi and Hamada, p.208, pl.9, fig.2, Paratype.
- PA4953. *Basiliella satunensis* Kobayashi and Hamada, p.208, pl.9, fig.3, Paratype.
- PA4954. *Basiliella satunensis* Kobayashi and Hamada, p.208, pl.9, fig.4, Paratype.
- PA4955. *Basiliella satunensis* Kobayashi and Hamada, p.208, pl.9, fig.5, Paratype.
- PA4956a. *Basiliella satunensis* Kobayashi and Hamada, p.208, pl.9, fig.6, Paratype.
- PA4956b. *Basiliella satunensis* Kobayashi and Hamada, p.208, pl.9, fig.7a,b, Paratype.
- PA4957. *Basiliella satunensis* Kobayashi and Hamada, p.208, pl.9, fig.8, Paratype.
- PA4958. *Basiliella satunensis* Kobayashi and Hamada, p.208, pl.9, fig.9, Paratype.
- PA4959. *Basiliella satunensis* Kobayashi and Hamada, p.208, pl.9, fig.10, Paratype.
- PA4960. *Basiliella satunensis* Kobayashi and Hamada, p.208, pl.9, fig.11, Paratype.
- PA4961. *Basiliella satunensis* Kobayashi and Hamada, p.208, pl.9, fig.12, Paratype.
- PA4962. *Basiliella* sp., p.210, pl.9, fig.13.
- PA4963. *Basiliella* sp., p.210, pl.9, fig.14.
- PA4964. *Basiliella* sp., p.210, pl.9, fig.15.

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- PA3118. *Octobronteus* (?) sp., p.79, pl.7, figs.5a,b,6;text-fig.4. (missing)
PA7353. *Scutellum japonicum* Kobayashi and Hamada, p.77, pl.7, figs.1-3; text-fig.2, Holotype.
PA7447. *Scutellum* (?) sp., p.78, pl.7, fig.4a,b;text-fig.3.

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- PA3116. *Cyrtosymbole* (*Waribile*) *perlensis* Kobayashi and Hamada, p.90, pl.2, fig.1,la,b, Holotype.
PA3117. *Cyrtosymbole* (*Waribile*) *perlensis* Kobayashi and Hamada, p.90, pl.2, fig.2, Paratype.

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- PH4990. *Monograptus* sp. indet., p.22, pl.5, fig.4.
PA4991. *Plagiolaria poothaii* Kobayashi and Hamada, p.25, pl.4, fig.1, Syntype.
PA4992. *Plagiolaria poothaii* Kobayashi and Hamada, p.25, pl.4, figs.2,3; pl.5, figs.1,2, Syntype.
PA4993. *Plagiolaria poothaii* Kobayashi and Hamada, p.25, pl.5, fig.3, Syntype.
PA4994. *Plagiolaria poothaii* Kobayashi and Hamada var. (?), p.27, pl.4, fig.4.

Kobayashi, T. and Hamada, T. (1971a): Agnostoid trilobites in a Devonian formation in west Malaysia. *Proc. Japan Academy*, vol.47, no.4, pp.396-400, figs.1-6.

- PA17841. *Plagiolaria poothaii* Kobayashi and Hamada, p.397, fig.1.
PA17842. *Pseudotrinodus aenigma* Kobayashi and Hamada, p.399, figs.2,3, Holotype.
PA17843. *Pseudotrinodus aenigma* Kobayashi and Hamada, p.399, figs.4,5, Paratype.

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- PA17742. *Cheirurus* sp., p.98, pl.18, fig.1.
PA17743. *Cheirurus* sp., p.98, pl.18, fig.2.
PA17744. *Cheirurus* sp., p.98, pl.18, fig.3.
PA17745. *Cheirurus* sp., p.98, pl.18, fig.4.
PA17746. *Cheirurus* sp., p.98, pl.18, fig.5.
PA17747. *Cheirurus* sp., p.98, pl.18, fig.6.
PA17748. *Cheirurus* sp., p.98, pl.18, fig.7.
PA17749. *Sphaerexochus orientalis* Kobayashi and Hamada, p.100, pl.18, fig.8, Syntype.
PA17750. *Sphaerexochus orientalis* Kobayashi and Hamada, p.100, pl.18, fig.9, Syntype.
PA17751. *Sphaerexochus orientalis* Kobayashi and Hamada, p.100, pl.18, fig.10, Syntype.
PA17752. *Sphaerexochus orientalis* Kobayashi and Hamada, p.100, pl.18, fig.11, Syntype.
PA17753. *Sphaerexochus orientalis* Kobayashi and Hamada, p.100, pl.18, fig.12a,b, Syntype.
PA17754a. *Sphaerexochus orientalis* Kobayashi and Hamada, p.100, pl.18, fig.13a,b, Syntype.
PA17754b. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.20, fig.4a-c, Paratype.
PA17754c. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.8, Paratype.
PA17754d. *Malayaproetus* sp. nov., p.120, pl.23, fig.7a,b.
PA17754e. Proetoid gen. et sp. indet. a, p.120, pl.23, fig.1.
PA17755. *Sphaerexochus orientalis* Kobayashi and Hamada, p.100, pl.18, fig.14a,b, Syntype.
PA17756. *Sphaerexochus orientalis* Kobayashi and Hamada, p.100, pl.18, fig.15a,b, Syntype.
PA17757. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.18, fig.16, Paratype.
PA17758. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.18, fig.17, Paratype.
PA17759a. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.18, fig.18, Paratype.

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Kobayashi, T. and Hamada, T. (1971b): continued

- PA17759b. *Octoronteus* sp., p.116, pl.23, fig.19.
- PA17760. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.18, fig.19, Paratype.
- PA17761. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.1, Paratype.
- PA17762. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.2, Paratype.
- PA17763. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.3, Paratype.
- PA17764. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.4, Paratype.
- PA17765. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.5, Paratype. (missing)
- PA17766. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.6, Paratype.
- PA17767. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.7, Paratype.
- PA17768. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.8a,b; pl.20, fig.5, Paratype.
- PA17769. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.9, Paratype.
- PA17770. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.10, Paratype.
- PA17771. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.11, Paratype.
- PA17772. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.12a,b, Paratype.
- PA17773. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.13, Paratype.
- PA17774. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.14, Paratype.
- PA17775. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.15, Paratype.
- PA17776. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.16, Paratype.
- PA17777. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.17a,b; pl.20, fig.1, Holotype.
- PA17778. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.19, fig.18, Paratype.

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Kobayashi, T. and Hamada, T. (1971b): continued

- PA17779. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.20, fig.2, Paratype.
- PA17780. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.20, fig.3, Paratype.
- PA17781. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.20, fig.6, Paratype.
- PA17782. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.20, fig.7, Paratype.
- PA17783. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.20, fig.8, Paratype.
- PA17784. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.20, fig.9a,b, Paratype.
- PA17785. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.20, fig.10a,b, Paratype.
- PA17786. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.1, Paratype.
- PA17787. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.2, Paratype.
- PA17788. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.3, Paratype.
- PA17789. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.4, Paratype.
- PA17790. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.5, Paratype.
- PA17791. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.6a,b, Paratype.
- PA17792. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.7a-c, Paratype.
- PA17793. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.10, Paratype.
- PA17794. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.11, Paratype.
- PA17795. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.12, Paratype.
- PA17796. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.13, Paratype.
- PA17797. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.14, Paratype.
- PA17798. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.15, Paratype.

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Kobayashi, T. and Hamada, T. (1971b): continued

- PA17799. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.16, Paratype.
- PA17800. *Prodontochile igoi* Kobayashi and Hamada, p.104, pl.21, fig.17a,b, Paratype.
- PA17801. *Zeliszkelloid* (?) gen. et sp. indet., p.112, pl.20, fig.11.
- PA17802. *Zeliszkelloid* (?) gen. et sp. indet., p.112, pl.21, fig.9.
- PA17803. *Zeliszkelloid* (?) gen. et sp. indet., p.112, pl.23, fig.14.
- PA17804. *Langgonia biplicata* Kobayashi and Hamada, p.114, pl.22, fig.1a-c, Holotype. (missing)
- PA17805. *Langgonia biplicata* Kobayashi and Hamada, p.114, pl.22, fig.2, Paratype. (missing)
- PA17806. *Langgonia araiorachis* Kobayashi and Hamada, p.115, pl.22, fig.3, Syntype. (missing)
- PA17807. *Langgonia araiorachis* Kobayashi and Hamada, p.115, pl.22, fig.4, Syntype. (missing)
- PA17808. *Langgonia araiorachis* Kobayashi and Hamada, p.115, pl.22, fig.5.
- PA17809. *Langgonia* (?) *plimeroides* Kobayashi and Hamada, p.115, pl.22, fig.6a,b, Holotype.
- PA17810. *Langgonia* (?) *plimeroides* Kobayashi and Hamada, p.115, pl.22, fig.7, Paratype. (missing)
- PA17811. *Langgonia* (?) *plimeroides* Kobayashi and Hamada, p.115, pl.22, fig.8, Paratype.
- PA17812. *Langgonia* (?) *plimeroides* Kobayashi and Hamada, p.115, pl.22, fig.9, Paratype.
- PA17813. *Langgonia* (?) *plimeroides* Kobayashi and Hamada, p.115, pl.22, fig.10, Paratype.
- PA17814. *Octobronteus* sp., p.116, pl.23, fig.18.
- PA17815. *Scutelloid* indet., p.117, pl.23, fig.20.
- PA17816. *Calymene scrivenori* Kobayashi and Hamada, p.117, pl.22, fig.11, Paratype.
- PA17817. *Calymene scrivenori* Kobayashi and Hamada, p.117, pl.22, fig.12a,b, Paratype.
- PA17818. *Calymene scrivenori* Kobayashi and Hamada, p.117, pl.22, fig.13, Paratype.
- PA17819. *Calymene scrivenori* Kobayashi and Hamada, p.117, pl.22, fig.14a-c, Paratype.
- PA17820. *Calymene scrivenori* Kobayashi and Hamada, p.117, pl.22, fig.15a,b, Holotype.

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Kobayashi, T. and Hamada, T. (1971b): continued

- PA17821. *Calymene scrivenori* Kobayashi and Hamada, p.117, pl.22, fig.16, Paratype.
- PA17822. *Calymene scrivenori* Kobayashi and Hamada, p.117, pl.22, fig.17, Paratype.
- PA17823. *Calymene scrivenori* Kobayashi and Hamada, p.117, pl.22, fig.18a-c, Paratype.
- PA17824. *Calymene scrivenori* Kobayashi and Hamada, p.117, pl.22, fig.19a-c, Paratype.
- PA17825. *Malayaproetus bulbis* Kobayashi and Hamada, p.118, pl.23, fig.4a-c, Holotype. (missing)
- PA17826. *Malayaproetus bulbis* Kobayashi and Hamada, p.118, pl.23, fig.5a,b, Paratype.
- PA17827. *Malayaproetus bulbis* Kobayashi and Hamada, p.118, pl.23, fig.6a-c, Paratype.
- PA17828. *Malayaproetus bulbis* Kobayashi and Hamada, p.118, pl.23, fig.8, Paratype.
- PA17829. *Malayaproetus bulbis* Kobayashi and Hamada, p.118, pl.23, fig.9, Paratype.
- PA17830a. *Malayaproetus bulbis* Kobayashi and Hamada, p.118, pl.23, fig.10, Paratype.
- PA17830b. Proetoid gen. et sp. indet. a, p.120, pl.23, fig.12a-c.
- PA17831. *Malayaproetus bulbis* Kobayashi and Hamada, p.118, pl.23, fig.11, Paratype.
- PA17832. Proetoid gen. et sp. indet. a, p.120, pl.23, fig.2.
- PA17833. Proetoid gen. et sp. indet. a, p.120, pl.23, fig.13.
- PA17834. Proetoid gen. et sp. indet. a, p.120, pl.23, fig.15.
- PA17835. Proetoid gen. et sp. indet. a, p.120, pl.23, fig.16.
- PA17836. Proetoid gen. et sp. indet. b, p.121, pl.23, fig.3.
- PA17837. Proetoid (?) indet., p.121, pl.23, fig.17.
- PA17838. *Aristoharpes* sp., p.121, pl.21, fig.20. (missing)
- PA17839. *Lonchodomas (Metalonchodomas) masjidiformis* Kobayashi and Hamada, p.128, pl.21, fig.18, Syntype.
- PA17840. *Lonchodomas (Metalonchodomas) masjidiformis* Kobayashi and Hamada, p.128, pl.21, fig.19, Syntype.

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Kobayashi, T. and Hamada, T. (1972): A unique trilobite assemblage of the Devonian Kroh fauna in west Malaysia, with notes on the Tentaculites facies and the older Palaeozoic faunal sequence in Thailand-Malaya.
Geol. Palaeont. Southeast Asia, vol.10, pp.1-34, pls.1-3, text-figs.1-7.

- PA17841. *Plagiolaria poothaii* Kobayashi and Hamada, p.17, pl.1, fig.8.
[see also Kobayashi and Hamada (1971a)]
- PA17842. *Pseudotrinodus aenigma* Kobayashi and Hamada, p.15, pl.1, fig.4,
Holotype. [see also Kobayashi and Hamada (1971a)]
- PA17843. *Pseudotrinodus aenigma* Kobayashi and Hamada, p.15, pl.1, fig.5;
text-fig.1A, Paratype. [see also Kobayashi and Hamada (1971a)]
- PA17844. *Pseudotrinodus* 2 spp. indet., p.16, pl.1, fig.1.
- PA17845. *Pseudotrinodus* 2 spp. indet., p.16, pl.1, fig.2.
- PA17846. *Pseudotrinodus* 2 spp. indet., p.16, pl.1, fig.3a,b.
- PA17847.* *Pseudotrinodus* 2 spp. indet., p.16, pl.1, fig.6.
- PA17848. *Pseudotrinodus* 2 spp. indet., p.16, pl.1, fig.7.
- PA17849. *Plagiolaria poothaii* Kobayashi and Hamada, p.17, pl.1, fig.9.
- PA17859.* *Plagiolaria poothaii* Kobayashi and Hamada, p.17, pl.1, fig.10.
- PA17851. *Plagiolaria poothaii* Kobayashi and Hamada, p.17, pl.1, fig.11.
- PA17852. *Blanodalmanites nubelania* Kobayashi and Hamada, p.18, pl.1, fig.
12; text-fig.1C, Paratype.
- PA17853.* *Blanodalmanites nubelania* Kobayashi and Hamada, p.18, pl.1, fig.
13, Paratype.
- PA17854. *Blanodalmanites nubelania* Kobayashi and Hamada, p.18, pl.1, fig.
14; text-fig.1B, Holotype.
- PA17855.* *Blanodalmanites nubelania* Kobayashi and Hamada, p.18, pl.1, fig.
15, Paratype.
- PA17856. *Blanodalmanites nubelania* Kobayashi and Hamada, p.18, pl.1, fig.
16, Paratype.
- PA17857. *Blanodalmanites nubelania* Kobayashi and Hamada, p.18, pl.2, fig.
3, Paratype.
- PA17858. *Blanodalmanites nubelania* Kobayashi and Hamada, p.18, pl.2, fig.
4, Paratype.
- PA17859.* *Blanodalmanites nubelania* Kobayashi and Hamada, p.18, pl.2, fig.
5, Paratype.
- PA17860. *Blanodalmanites nubelania* Kobayashi and Hamada, p.18, pl.2, fig.
6, Paratype.
- PA17861. *Blanodalmanites kokesiformis* Kobayashi and Hamada, p.20, pl.2,
fig.1, Holotype.

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Kobayashi, T. and Hamada, T. (1972): continued

- PA17862. *Blanodalmanites kokesiformis* Kobayashi and Hamada, p.20, pl.2, fig.2, Paratype.
- PA17863. *Perakaspis trapezoidalis* Kobayashi and Hamada, p.21, pl.2, fig.7, Paratype.
- PA17864. *Perakaspis trapezoidalis* Kobayashi and Hamada, p.21, pl.2, fig.8, Paratype.
- PA17865. *Perakaspis trapezoidalis* Kobayashi and Hamada, p.21, pl.2, fig.9; text-fig.1D, Paratype.
- PA17866. *Perakaspis trapezoidalis* Kobayashi and Hamada, p.21, pl.2, fig.10, Paratype. (missing)
- PA17867. *Perakaspis trapezoidalis* Kobayashi and Hamada, p.21, pl.2, fig.11, Paratype.
- PA17868. *Perakaspis trapezoidalis* Kobayashi and Hamada, p.21, pl.2, fig.12, Paratype.
- PA17869a. *Perakaspis (Krohbole) elongata* Kobayashi and Hamada, p.22, pl.2, fig.14, Paratype.
- PA17869b. *Perakaspis (Krohbole) elongata* Kobayashi and Hamada, p.22, pl.2, fig.18, Paratype.
- PA17870. *Perakaspis (Krohbole) elongata* Kobayashi and Hamada, p.22, pl.2, fig.15, Holotype.
- PA17871. *Perakaspis (Krohbole) elongata* Kobayashi and Hamada, p.22, pl.2, fig.16; text-fig.1H, Paratype.
- PA17872. *Perakaspis (Krohbole) elongata* Kobayashi and Hamada, p.22, pl.2, fig.17, Paratype.
- PA17873.* *Perakaspis (Krohbole) elongata* Kobayashi and Hamada, p.22, pl.3, fig.1, Paratype.
- PA17874. *Perakaspis (Krohbole) elongata* Kobayashi and Hamada, p.22, pl.3, fig.8; text-fig.1G, Paratype.
- PA17875a. *Perakaspis (Krohbole ?) burtoni* Kobayashi and Hamada, p.23, pl.2, fig.13, Holotype.
- PA17875b. Proetoid, gen. et sp. indet., p.24, pl.3, fig.6.
- PA17876.* *Perakaspis (?) sp.* indet., p.24, pl.3, fig.2.
- PA17877. Proetoid, gen. et sp. indet., p.24, pl.3, fig.3; text-fig.1F.
- PA17878. Proetoid, gen. et sp. indet., p.24, pl.3, fig.4.
- PA17879.* Proetoid, gen. et sp. indet., p.24, pl.3, fig.5.
- PA17880.* Proetoid, gen. et sp. indet., p.24, pl.3, fig.7.
- PA17881.* *Bailielloides inexpectans* Kobayashi and Hamada, p.25, pl.3, fig.9, Paratype.

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Kobayashi, T. and Hamada, T. (1972): continued

- PA17882. *Bailielloides inexpectans* Kobayashi and Hamada, p.25, pl.3, fig. 10a,b, Holotype.
- PA17883. *Harpes* (s. l.) *kylindrorthachis* Kobayashi and Hamada, p.29, pl.3, fig.11, Paratype.
- PA17884. *Harpes* (s. l.) *kylindrorthachis* Kobayashi and Hamada, p.29, pl.3, fig.12a,b, Holotype.
- PA17885. *Perakaspis trapezoidalis* Kobayashi and Hamada, p.21, text-fig.1E, Paratype.

Kobayashi, T. and Hamada, T. (1973a): Cyrtosymbolids (Trilobita) from the Langgon red beds in northwest Malaya, Malaysia. *Geol. Palaeont. Southeast Asia*, vol.12, pp.1-28, pls.1-3, text-figs.1-8.

- PA17886. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.1, Paratype.
- PA17887. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.2, Paratype.
- PA17888a. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.3, Paratype.
- PA17888b. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.14, Paratype.
- PA17889. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.4, Paratype.
- PA17890. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.5, Paratype.
- PA17891. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.6a,b, Paratype.
- PA17892. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.7, Paratype.
- PA17893. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.8, Paratype.
- PA17894. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.9, Paratype.
- PA17895. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.10, Paratype.
- PA17896. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.11, Paratype.
- PA17897. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.12, Paratype.

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Kobayashi, T. and Hamada, T. (1973a): continued

- PA17898a. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.13, Paratype.
- PA17898b. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.8, Paratype.
- PA17899. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.14, Paratype.
- PA17900. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.15, Holotype.
- PA17901. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.16, Paratype.
- PA17902a. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.17, Paratype.
- PA17902b. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.22, Paratype.
- PA17903. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.18, Paratype.
- PA17904. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.19, Paratype.
- PA17905. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.20, Paratype.
- PA17906. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.21, Paratype.
- PA17907a. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.22, Paratype.
- PA17907b. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.19, Paratype.
- PA17908. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.1, fig.23, Paratype.
- PA17909. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.1, Paratype.
- PA17910. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.2, Paratype.
- PA17911. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.3, Paratype.
- PA17912. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.4, Paratype.
- PA17913. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.5, Paratype.
- PA17914. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.6, Paratype.

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Kobayashi, T. and Hamada, T. (1973a): continued

- PA17915. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.7,
Paratype.
- PA17916a. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.9,
Paratype.
- PA17916b. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.11,
Paratype.
- PA17916c. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.17,
Paratype.
- PA17917. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.10,
Paratype.
- PA17918. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.12a,b,
Paratype.
- PA17919. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.13,
Paratype.
- PA17920. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.15,
Paratype.
- PA17921. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.16a,b,
Paratype.
- PA17922. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.18,
Paratype.
- PA17923. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.20,
Paratype.
- PA17924. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.21,
Paratype.
- PA17925. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.23,
Paratype.
- PA17926. *Langgonbole vulgaris* Kobayashi and Hamada, p.15, pl.2, fig.24a-c,
Paratype.
- PA17927. *Waribole perlensis* Kobayashi and Hamada, p.19, pl.3, fig.26.
(missing)
- PA17928. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.1,
Paratype. (missing)
- PA17929. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.2,
Paratype.
- PA17930. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.3,
Paratype.
- PA17931a. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.4,
Paratype.
- PA17931b. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.15,
Paratype.

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Kobayashi, T. and Hamada, T. (1973a): continued

- PA17932. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.5, Paratype.
- PA17933. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.6, Paratype.
- PA17934. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.7, Paratype.
- PA17935. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.8, Paratype.
- PA17936. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.9, Paratype.
- PA17937. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.10, Holotype.
- PA17938. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.11, Paratype.
- PA17939. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.12, Paratype.
- PA17940. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.13, Paratype.
- PA17941. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.14, Paratype.
- PA17942. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.16, Paratype.
- PA17943. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.17, Paratype.
- PA17944. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.18, Paratype.
- PA17945. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.19, Paratype.
- PA17946. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.20, Paratype.
- PA17947. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.21, Paratype.
- PA17948. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.22, Paratype.
- PA17949. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.23, Paratype.
- PA17950. *Macrobole kedahensis* Kobayashi and Hamada, p.20, pl.3, fig.24, Paratype.
- PA17951. *Diacoryphe* (?) sp., p.24, pl.3, fig.25.

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Kobayashi, T. and Hamada, T. (1973b): Brief note on Silurian trilobite from Mt. Yokokura, Shikoku Island. *Proc. Japan Academy*, vol.49, no.7, pp.540-544, text-figs. 1-5.

PA7358. *Cerauroides orientalis* Kobayashi and Hamada, p.543, text-figs.3,5, Paratype.

Kobayashi, T. and Hamada, T. (1974): Silurian trilobites of Japan in comparison with Asia, Pacific and other faunas. *Palaeontological Society of Japan*, Special Papers no.18, 155pp., 12 pls., 8 text-figs.

PA3118. *Octobranteus* (?) sp., p.65, pl.4, fig.1a-c, text-fig.4E. (missing)

PA7280. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.1a,b, Holotype. [see also Hamada (1959c)]

PA7281. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.2a,b, Paratype. [see also Hamada (1959c)]

PA7282. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.3, Paratype. [see also Hamada (1959c)]

PA7283. *Coronocephalus kobayashii* Hamada, p.101, pl.9, figs.4a-c,5, Paratype. (missing) [see also Hamada (1959c)]

PA7284. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.6, Paratype. [see also Hamada (1959c)]

PA7285. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.7, Paratype. [see also Hamada (1959c)]

PA7286. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.8, Paratype. [see also Hamada (1959c)]

PA7287. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.9a,b, Paratype. [see also Hamada (1959c)]

PA7288. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.10, Paratype. (missing) [see also Hamada (1959c)]

PA7289. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.11, Paratype. [see also Hamada (1959c)]

PA7290. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.12, Paratype. [see also Hamada (1959c)]

PA7291. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.13a,b, Paratype. [see also Hamada (1959c)]

PA7292. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.14a, Paratype. [see also Hamada (1959c)]

PA7293a. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.14b, Paratype. [see also Hamada (1959c)]

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Kobayashi, T. and Hamada, T. (1974); continued

- PA7293b. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.1c, Paratype.
[see also Hamada (1959c)]
- PA7294. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.15, Paratype.
(missing) [see also Hamada (1959c)]
- PA7295. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.16, Paratype.
[see also Hamada (1959c)]
- PA7296. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.17, Paratype.
[see also Hamada (1959c)]
- PA7297. *Coronocephalus kobayashii* Hamada, p.101, pl.9, fig.18a,b, Paratype.
[see also Hamada (1959c)]
- PA7342. Bumastid, gen. et sp. indt., p.52, pl.1, fig.2.
- PA7343. *Bumastus glomerosus* Kobayashi and Hamada, p.47, pl.1, fig.6a-c,
Paratype.
- PA7344. *Bumastus subquadratus* Kobayashi and Hamada, p.50, pl.2, fig.1a-c,
Holotype.
- PA7345. *Bumastus (Bumastella) spiculus* Kobayashi and Hamada, p.51, pl.2,
fig.3a-c; text-fig.2D, Holotype.
- PA7346. *Bumastus (Bumastella) bipunctatus* Kobayashi and Hamada, p.51, pl.2,
fig.6a-d, Paratype.
- PA7347. *Bumastus (Bumastella) bipunctatus* Kobayashi and Hamada, p.51, pl.2,
fig.7a-c, Paratype.
- PA7348. *Bumastus (Bumastella) bipunctatus* Kobayashi and Hamada, p.51, pl.2,
fig.8a-d, Paratype.
- PA7349. *Bumastus (Bumastella) bipunctatus* Kobayashi and Hamada, p.51, pl.2,
fig.9a,b, Paratype.
- PA7350. Bumastid, gen. et sp. indt., p.52, pl.3, fig.7.
- PA7351. Bumastid, gen. et sp. indt., p.52, pl.3, fig.8.
- PA7352. *Goldillaenius shinoharai* Kobayashi and Hamada, p.53, pl.3, fig.9a-c,
text-fig.2G, Holotype.
- PA7353. *Japonoscutellum japonicum* (Kobayashi and Hamada), p.66, pl.4, fig.
2a-c, Holotype. [see also Kobayashi and Hamada (1965)]
- PA7354. *Japonoscutellum japonicum* (Kobayashi and Hamada), p.66, pl.4,
fig.9.
- PA7355. Juvenile scutelloid cephalon, p.67, pl.5, fig.1a-c.
- PA7356. *Japonoscutellum japonicum* (Kobayashi and Hamada), p.66, pl.5,
fig.17.
- PA7357. *Cerauroides orientalis* Kobayashi and Hamada, p.84, pl.6, fig.2a,b.
- PA7358. *Cerauroides orientalis* Kobayashi and Hamada, p.84, pl.6, fig.4,
Paratype. [see also Kobayashi and Hamada (1973b)]

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Kobayashi, T. and Hamada, T. (1974): continued

- PA7359. *Sphaerexochus hiratai* Kobayashi and Hamada, p.88, pl.6, fig.9, Paratype.
- PA7360. *Sphaerexochus hiratai* Kobayashi and Hamada, p.88, pl.7, fig.1, Paratype.
- PA7361. *Sphaerexochus hiratai* Kobayashi and Hamada, p.88, pl.7, fig.3a-d, Paratype.
- PA7362. *Sphaerexochus hiratai* Kobayashi and Hamada, p.88, pl.7, fig.8a,b, Paratype.
- PA7363. *Sphaerexochus hiratai* Kobayashi and Hamada, p.88, pl.8, fig.1a-c, Paratype.
- PA7364. *Sphaerexochus hiratai* Kobayashi and Hamada, p.88, pl.8, fig.3a-c, Paratype. (missing)
- PA7365. *Sphaerexochus hiratai* Kobayashi and Hamada, p.88, pl.8, fig.4a-c, Paratype.
- PA7366. *Sphaerexochus hiratai* Kobayashi and Hamada, p.88, pl.8, fig.5, Paratype.
- PA7367. *Sphaerexochus hiratai forma robustus* Kobayashi and Hamada, p.89, pl.8, fig.6a-c, text-fig.6G.
- PA7368. *Sphaerexochus planirachis* Kobayashi and Hamada, p.90, pl.8, fig.8, text-fig.6H, Holotype.
- PA7369. *Encrinurus yokokurensis* Kobayashi and Hamada, p.102, pl.10, fig. 4a,b, Paratype.
- PA7370. *Encrinurus pygidium*, p.98, pl.10, fig.7a,b.
- PA7371. *Staurocephalus* ? sp. indt., p.108, pl.11, fig.1a,b, text-fig.7K.
- PA7372. *Proetus cf. subovalis* Kobayashi and Hamada, p.113, pl.12, fig.2.
- PA7373. *Proetus (Gerastos) subcarinatus* Kobayashi and Hamada, p.115, pl. 12, fig.3a,b, text-fig.8D, Holotype.
- PA7374. *Proetus (Gerastos) subcarinatus* Kobayashi and Hamada, p.115, pl. 12, fig.4a,b, Paratype.
- PA7375. *Proetus (Gerastos) sugiharensis* Kobayashi and Hamada, p.116, pl. 12, fig.5a-c, text-fig.8C, Holotype.
- PA7376. *Proetus (Bohemiproetus) magnicerviculus* Kobayashi and Hamada, p. 117, pl.12, fig.7a,b, text-fig.8E, Holotype.
- PA7377. *Decoroproetus granulatus* Kobayashi and Hamada, p.119, pl.12, fig. 10a-c, Holotype.
- PA7378. *Decoroproetus granulatus* Kobayashi and Hamada, p.119, pl.12, fig. 11, Paratype.
- PA7379. *Encrinurus pygidium*, p.99, pl.10, fig.6a,b.

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Kobayashi, T. and Hamada, T. (1974):

- PA7380. *Enocrinurus nodai* Kobayashi and Hamada, p.106, pl.11, fig.9a,b, text-fig.7D, Holotype.
- PA7381a. *Enocrinurus fimbriatus* Kobayashi and Hamada, p.107, pl.11, fig. 11a-c, Holotype. (missing)
- PA7381b. *Enocrinurus fimbriatus* Kobayashi and Hamada, p.107, pl.11, fig.10, Paratype.
- PA7382. *Sphaerexochus hiratai* Kobayashi and Hamada, p.88, pl.6, fig.7a,b, Paratype.
- PA7383. *Microscutellum primigenium* Kobayashi and Hamada, p.74, pl.5, fig. 7a-c, Holotype.
- PA15981.**Japonoscutellum japonicum* (Kobayashi and Hamada), p.66, pl.4, fig.3, [original specimen in the Kochi Prefecture Fossil Museum, Kochi]
- PA15982.**Japonoscutellum japonicum* (Kobayashi and Hamada), p.66, pl.4, fig.4. [original specimen in the Kochi Prefecture Fossil Museum, Kochi]
- PA15983.**Japonoscutellum japonicum* (Kobayashi and Hamada), p.66, pl.4, fig.5. [original specimen in the Kochi Prefecture Fossil Museum, Kochi]
- PA15984.**Japonoscutellum japonicum* (Kobayashi and Hamada), p.66, pl.4, fig.7. [original specimen in the Kochi Prefecture Fossil Museum, Kochi]
- PA15985.**Japonoscutellum japonicum* (Kobayashi and Hamada), p.66, pl.4, fig.10. [original specimen in the Kochi Prefecture Fossil Museum, Kochi]
- PA15986.**Japonoscutellum japonicum* (Kobayashi and Hamada), p.66, pl.4, fig.11b. [original specimen in the Kochi Prefecture Fossil Museum, Kochi]
- PA15987.**Microscutellum primigenium* Kobayashi and Hamada, p.74, pl.5, fig. 9a, Paratype. [original specimen in the Kochi Prefecture Fossil Museum, Kochi]
- PA15988.*Scutelloid free cheek, p.75, pl.5, fig.14. [original specimen in the Kochi Prefecture Fossil Museum, Kochi]
- PA15989.**Japonoscutellum japonicum* (Kobayashi and Hamada), p.66, pl.5, fig.15. [original specimen in the Kochi Prefecture Fossil Museum, Kochi]
- PA15990.**Enocrinurus tosensis* Kobayashi and Hamada, p.106, pl.11, fig.2a,b, Holotype. [original specimen in the Kochi Prefecture Fossil Museum, Kochi]
- PA15991.**Enocrinurus ishii* Kobayashi and Hamada, p.107, pl.11, fig.3, Paratype. [original specimen in the Osaka City Univ., Osaka]
- PA15992.**Prantlia biloba* Kobayashi and Hamada, p.118, pl.12, fig.9a, Paratype. [original specimen in the Osaka City Univ., Osaka]

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Kobayashi, T. and Hamada, T. (1976): A new Silurian trilobite from Ofunato, north Japan. *Proc. Japan Academy*, vol.52, no.7, pp.367-370, text-figs. 1-6.

- PA16196. *Sphaerexochus (Onukia) sugiyamai* Kobayashi and Hamada, p.369, text-fig.1a-e, Paratype.
- PA16197. *Sphaerexochus (Onukia) sugiyamai* Kobayashi and Hamada, p.369, text-fig.2a-d, Paratype.
- PA16198. *Sphaerexochus (Onukia) sugiyamai* Kobayashi and Hamada, p.369, text-fig.3a-c, Paratype.
- PA16199. *Sphaerexochus (Onukia) sugiyamai* Kobayashi and Hamada, p.369, text-fig.4a-c, Holotype.
- PA16200. *Sphaerexochus (Onukia) sugiyamai* Kobayashi and Hamada, p.369, text-fig.5a-c, Paratype.

Kobayashi, T. and Hamada, T. (1977): Devonian Trilobites of Japan in Comparison with Asia, Pacific and other faunas. *Palaeontological Society of Japan, Special Papers* no.20, pp.1-202, pls.1-13, text-figs.1-5.

- PA2273.* *Crotalocephalina (Pilletopeltis) japonica* (Kobayashi and Igo), p.104, pl.8, fig.3, Holotype. [see also Kobayashi and Igo (1956)] [original specimen in the Univ. Tsukuba, Ibaraki Pref.]
- PA2274. *Crotalocephalina (Pilletopeltis) japonica* (Kobayashi and Igo), p.104, pl.8, fig.5, Paratype. (missing) [see also Kobayashi and Igo (1956)] [original specimen in the Univ. Tsukuba, Ibaraki Pref.]
- PA2275.* *Crotalocephalina (Pilletopeltis) japonica* (Kobayashi and Igo), p.104, pl.8, fig.4, Paratype. [see also Kobayashi and Igo (1956)] [original specimen in the Univ. Tsukuba, Ibaraki Pref.]
- PA2276.* *Crotalocephalina (Pilletopeltis) japonica* (Kobayashi and Igo), p.104, pl.8, fig.6, Paratype. [see also Kobayashi and Igo (1956)] [original specimen in the Univ. Tsukuba, Ibaraki Pref.]
- PA2277. *Crotalocephalina (Crotalocephalina)* sp. indet., p.103, pl.8, fig. 2a,b, text-fig.4E. (missing) [see also Kobayashi and Igo (1956)] [original specimen in the Univ. Tsukuba, Ibaraki Pref.]
- PA2278.* Flexicalymenid, gen. et sp. indet., p.131, pl.8, fig.7. [see also Kobayashi and Igo (1956)] [original specimen in the Univ. Tsukuba, Ibaraki Pref.]
- PA7381a. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.1, fig.1, Paratype.
- PA7382a. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.1, fig.2, Paratype.
- PA7383a. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.1, fig.3a,b, Paratype.

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Kobayashi, I. and Hamada, T. (1977): continued

- PA7384. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.1, fig.4, Paratype.
- PA7385. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.1, fig.6, Paratype.
- PA7386. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.1, fig.7a,b, Paratype.
- PA7387. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, fig.1, fig.8, Paratype.
- PA7388. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.1, fig.9, Paratype.
- PA7389. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.1, fig.10, Paratype.
- PA7390. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.1, fig.11, Paratype.
- PA7391. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.1, fig.12, Paratype.
- PA7392. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.1, fig.13, Paratype.
- PA7393. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.1, fig.14, Paratype.
- PA7394. *Scutellum densigranulatum* Kobayashi and Hamada, p.79, pl.2, fig.2, Paratype.
- PA7395. *Scutellum densigranulatum* Kobayashi and Hamada, p.79, pl.2, fig.3a,b, Paratype.
- PA7396. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.2, fig.5, Paratype. (missing)
- PA7397. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.2, fig.6, Paratype.
- PA7398. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.2, fig.7, Paratype.
- PA7399.* *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.2, fig.8, Paratype.
- PA7400. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.2, fig.9, Paratype.
- PA7401. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.2, fig.10, Paratype.
- PA7402. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.2, fig.13, Paratype.
- PA7403. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.2, fig.14, Paratype.

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- PA7404. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76m pl.2, fig.15, Paratype.
- PA7405. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.2, fig.11, Paratype. (missing)
- PA7406. *Hidascutellum multispiniferum* Kobayashi and Hamada, p.76, pl.2, fig.12, Paratype.
- PA7407. *Primaspis (?) tanakai* Kobayashi and Hamada, p.85, pl.3, fig.1a-c, Holotype.
- PA7408. *Ceratocephala nipponica* Kobayashi and Hamada, p.86, pl.3, fig.5 a,b, text-fig.3D, Holotype.
- PA7409. *Ceratocephala nipponica* Kobayashi and Hamada, p.86, pl.3, fig.6 a,b, Paratype.
- PA7410. *Acanthopyge (Lobopyge ?) sp. indet.*, p.94, pl.4, fig.2, text-fig. 5B.
- PA7411. *Craspedarges superbus* Kobayashi and Hamada, p.92, pl.4, fig.3, Paratype.
- PA7412. *Craspedarges superbus* Kobayashi and Hamada, p.92, pl.4, fig.4, Paratype.
- PA7413. *Craspedarges superbus* Kobayashi and Hamada, p.92, pl.4, fig.5, Paratype.
- PA7414. *Craspedarges superbus* Kobayashi and Hamada, p.92, pl.4, fig.6a,b, Holotype.
- PA7415. *Craspedarges superbus* Kobayashi and Hamada, p.92, pl.4, fig.9, Paratype.
- PA7416. *Craspedarges superbus* Kobayashi and Hamada, p.92, pl.4, fig.10, Paratype.
- PA7417. *Craspedarges superbus* Kobayashi and Hamada, p.92, pl.4, fig.11, Paratype.
- PA7418. *Craspedarges superbus* Kobayashi and Hamada, p.92, pl.4, fig.13, Paratype.
- PA7419. *Craspedarges superbus* Kobayashi and Hamada, p.92, pl.4, fig.15a,b, Paratype.
- PA7420. *Crotalocephalina (Pilletopeltis) japonica* (Kobayashi and Igo), p.104, pl.5, fig.2.
- PA7421. *Crotalocephalina (Pilletopeltis) japonica* (Kobayashi and Igo), p.104, pl.5, fig.3.
- PA7422. *Crotalocephalina (Pilletopeltis) japonica* (Kobayashi and Igo), p.104, pl.5, fig.5.
- PA7423. *Crotalocephalina (Pilletopeltis) japonica* (Kobayashi and Igo), p.104, pl.5, fig.6.

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- PA7424. *Crotalocephalina (Pilletopeltis) japonica* (Kobayashi and Igo), p.104, pl.5, fig.8.
- PA7425. *Crotalocephalina (Pilletopeltis) kameii* Kobayashi and Hamada, p.106, pl.5, fig.11, Paratype.
- PA7426. *Crotalocephalina (Geracephalina) secta prolecta* Kobayashi and Hamada, p.109, pl.6, fig.4, Paratype.
- PA7427. *Crotalocephalina (Geracephalina) convexa* Kobayashi and Hamada, p.109, pl.6, fig.5a-c, Paratype.
- PA7428.* *Crotalocephalina (Geracephalina) convexa* Kobayashi and Hamada, p.109, pl.6, fig.6, Paratype.
- PA7429. *Crotalocephalina (Geracephalina) convexa* Kobayashi and Hamada, p.109, pl.6, fig.7, Paratype.
- PA7430. *Crotalocephalina (Geracephalina) convexa* Kobayashi and Hamada, p.109, pl.6, fig.8a-c, Paratype.
- PA7431. *Crotalocephalina (Geracephalina) convexa* Kobayashi and Hamada, p.109, pl.6, fig.9a-c, Holotype.
- PA7432. *Crotalocephalina (Geracephalina) convexa* Kobayashi and Hamada, p.109, pl.6, fig.10a,b, Paratype.
- PA7433. *Crotalocephalina (Geracephalina) euryrachis* Kobayashi and Hamada, p.110, pl.7, fig.3, Paratype.
- PA7434. *Crotalocephalina (Geracephalina) euryrachis* Kobayashi and Hamada, p.110, pl.7, fig.4, Paratype. (missing)
- PA7435. *Crotalocephalina (Crotalocephalides) sp. indet.*, p.107, pl.7, fig.8. (missing)
- PA7436. *Crotalocephalinid hypostoma*, p.110, pl.7, fig.9.
- PA7437. *Crotalocephalina (Geracephalina) convexa* Kobayashi and Hamada, p.109, pl.7, fig.11a-c, Paratype.
- PA7438. *Crotalocephalina (Geracephalina) convexa* Kobayashi and Hamada, p.109, pl.7, fig.12, Paratype.
- PA7439. *Crotalocephalinid pygidium*, p.110, pl.7, fig.15.
- PA7440. *Phacops* (subgen. nov. ?) *manchuricus* Kobayashi and Hamada, p.117, pl.8, fig.1a-d, Holotype.
- PA7443. *Reedops nonakai* (Okubo), p.121, pl.9, fig.1a-e, text-fig.5D, Holotype. [see also Okubo (1956)]
- PA7444. *Phacops* (new subgenus ?) *manchuricus* Kobayashi and Hamada, p.117, pl.9, fig.2, Paratype.
- PA7445. *Phacops* (new subgenus ?) *manchuricus* Kobayashi and Hamada, p.117, pl.9, fig.3, Paratype.
- PA7446. *Phacops* (new subgenus ?) *manchuricus* Kobayashi and Hamada, p.117, pl.9, fig.4, Paratype.

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- PA7447. *Scutellum (?)* sp. indet., p.80, pl.2, fig.4a,b. [see also Kobayashi and Hamada (1965)]
- PA8001. *Thysanopeltella (Septimopeltis) paucispinosa* (Okubo), p.80, pl.8, fig.9a,b, text-fig.3B, Holotype. [see also Okubo (1951)]
- PA8006. *Dechenella (Dechenella) minima* Okubo, p.143, pl.8, fig.8, text-fig.3F, Holotype. [see also Okubo (1951)]
- PA8908.* *Odontochile* sp. indet., p.122, pl.9, fig.5.
- PA8909.* *Odontochile* sp. indet., p.122, pl.9, fig.6a,b.
- PA8910. *Phacops cf. okanoi* Sugiyama, p.120, pl.9, fig.7a-d, text-fig.5F. (missing)
- PA8911. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.10, fig. 1, Paratype.
- PA8912. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.10, fig. 4a,b, Paratype.
- PA8913. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.10, fig. 5, Paratype.
- PA8914. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.10, fig. 7, Paratype.
- PA8915. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.10, fig. 8, Paratype.
- PA8916. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.10, fig. 10, Paratype.
- PA8917. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.10, fig. 13, Paratype. (missing)
- PA8918. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.10, fig. 11, Paratype.
- PA8919. Flexicalymenid, gen. et sp. indet., p.131, pl.10, fig.15.
- PA8920. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.11, fig. 1, Paratype.
- PA8921. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.11, fig. 2, Paratype.
- PA8922. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.11, fig. 4, Paratype.
- PA8923. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.11, fig. 5, Paratype.
- PA8924. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.11, fig. 6, Paratype.
- PA8925. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.11, fig. 7, Paratype.

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- PA8926. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.11, fig. 8a-c, Paratype.
- PA8927. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.11, fig. 11a-e, Paratype.
- PA8928. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.11, fig. 12, Paratype.
- PA8929. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.11, fig. 13, Paratype.
- PA8930. *Gravicalymene yamakoshii* Kobayashi and Hamada, p.127, pl.11, fig. 15, Paratype.
- PA8931. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig.1, Paratype.
- PA8932. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig.2, Paratype.
- PA8933. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig.3, Holotype.
- PA8934. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig.4, Paratype.
- PA8935. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 5a,b, Paratype.
- PA8936. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig.6, Paratype.
- PA8937. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig.7, Paratype.
- PA8938. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig.8, Paratype.
- PA8939. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig.9, Paratype.
- PA8940. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 10, Paratype.
- PA8941. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 11, Paratype.
- PA8942.* *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 12, Paratype.
- PA8943. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 13, Paratype.
- PA8944. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 14a,b, Paratype.
- PA8945. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 15, Paratype.

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Kobayashi, T. and Hamada, T. (1977): continued

- PA8946. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 16, Paratype.
- PA8947. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 17a,b, Paratype.
- PA8948. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 18a-c, Paratype.
- PA8949. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 19a,b, Paratype.
- PA8950. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 20a-c, Paratype.
- PA8951. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 21a,b, Paratype.
- PA8952. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 22, Paratype.
- PA8953. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 23, Paratype.
- PA8954. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 24a,b, Paratype.
- PA8955. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.12, fig. 25, Paratype.
- PA8956. *Unguliproetus oisensis* Kobayashi and Hamada, p.134, pl.13, fig. 1a,b, Paratype.
- PA8957. *Proetus (Coniproetus) fukuiensis* Kobayashi and Hamada, p.133, pl.13, fig.4, Paratype. (missing)
- PA8958. *Proetus (Coniproetus) fukuiensis* Kobayashi and Hamada, p.133, pl.13, fig.5a-c, Paratype.
- PA8959. *Proetus (Coniproetus) fukuiensis* Kobayashi and Hamada, p.133, pl.13, fig.7, Paratype. (missing)
- PA8960. *Proetus (Coniproetus) fukuiensis* Kobayashi and Hamada, p.133, pl.13, fig.14, Paratype. (missing)
- PA8961. *Proetus (Coniproetus) fukuiensis* Kobayashi and Hamada, p.133, pl.13, fig.9a,b, Holotype.
- PA8962. *Proetus (Coniproetus) fukuiensis* Kobayashi and Hamada, p.133, pl.13, fig.10a,b, Paratype.
- PA8963. *Proetus (Coniproetus) fukuiensis* Kobayashi and Hamada, p.133, pl.13, fig.11, Paratype.
- PA8964. *Proetus (Coniproetus) fukuiensis* Kobayashi and Hamada, p.133, pl.13, fig.12, Paratype. (missing)
- PA8965. Proetid, gen. et sp. indet. (a), p.136, pl.13, fig.15.
- PA8966. Proetid, gen. et sp. indet. (a), p.136, pl.13, fig.16. (missing)
- PA8967. Proetid, gen. et sp. indet. (b), p.136, pl.13, fig.17. (missing)

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Kobayashi, T. and Hamada, T. (1978a): Upper Ordovician trilobites from the Langkawi Islands, Malaysia. *Geology and Palaeontology of Southeast Asia*, vol.19, pp.1-27, pls.1,2, text-figs.1-13.

- PE18042. *Plumulites malayensis* Kobayashi and Hamada, p.1, pl.2, fig.13, Holotype. (missing)
- PA18043. Cyclopypgid eye, p.1, pl.2, fig.9.
- PA18044. Cyclopypgid eye, p.1, pl.2, fig.10. (missing)
- PA18045. *Geragnostella* ? sp. indet., p.8, pl.1, fig.1a-c; text-fig.1.
- PA18046. *Trinodus* sp. aff. *T. tardus* (Hawle and Corda), p.8, pl.1, fig.2 a,b. (missing)
- PA18047. *Trinodus* sp. aff. *T. tardus* (Hawle and Corda), p.8, pl.1, fig.3, text-fig.2a,b.
- PA18048. *Geratrinodus perconvexus* Kobayashi and Hamada, p.9, pl.1, fig.4 a-e; text-fig.4a-d, Holotype.
- PA18049. *Geratrinodus levigatus* Kobayashi and Hamada, p.9, pl.1, fig.5 a-d; text-fig.3a-d, Holotype.
- PA18050. *Geratrinodus* cf. *levigatus* Kobayashi and Hamada, p.10, pl.1, fig.6a-c.
- PA18051. *Eccoptochile* ? sp. indet., p.10, pl.2, fig.1; text-fig.7. (missing)
- PA18052. *Nileus malayensis* Kobayashi and Hamada, p.13, pl.2, fig.2; text-fig.10, Syntype.
- PA18053. *Nileus malayensis* Kobayashi and Hamada, p.13, pl.2, fig.3; text-fig.10, Syntype.
- PA18054. *Nileus malayensis* Kobayashi and Hamada, p.13, pl.2, fig.4, Syntype.
- PA18055. *Remopleurides* cf. *emarginatus* Törnquist, p.16, pl.2, fig.5a-c; text-fig.9a-c.
- PA18056. *Microparia* cf. *speciosa* Hawle and Corda, p.18, pl.2, fig.6a,b; text-fig.8.
- PA18057. *Microparia* cf. *speciosa* Hawle and Corda, p.18, pl.2, fig.7a,b.
- PA18058. *Microparia* ? sp. indet., p.19, pl.2, fig.8a,b. (missing)
- PA18059. *Raphiophorus* sp. nov. ?, p.21, pl.2, fig.11a-c; text-fig.6.
- PA18060. *Lonchodus rhombeus* Kobayashi and Hamada, p.22, pl.2, fig.12 a,b; text-fig.5, Holotype. (missing)
- PA18061. Bulbaspidinae ? gen. sp. nov., p.23, text-fig.11a-c.
- PA18062. *Decoroproetus* s. l. ? spp. indet., p.23, text-fig.1aa,b.
- PA18063. *Decoroproetus* s. l. ? spp. indet., p.23, text-fig.13a,b.

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Kobayashi, T. and Hamada, T. (1978b): On some lower Carboniferous trilobites from the Hina limestone, Okayama Prefecture, West Japan. *Proc. Japan Academy*, vol.54, ser.B, no.1, pp.509, text-figs.1-6.

- PA5742. *Proetus (Pudoproetus) obsoletus* Kobayashi and Hamada, p.5, text-fig.2, Syntype.
- PA5744. *Proetus (Pudoproetus) obsoletus* Kobayashi and Hamada, p.5, text-fig.6a,b, Syntype.
- PA5764. *Carbonocoryphe (Winterbergia ?) orientalis* Kobayashi and Hamada, p.6, text-fig.4, Holotype.
- PA5913. *Griffithidella nishikawai* Kobayashi and Hamada, p.6, text-fig.3a,b, Holotype.
- PA5914. *Thigriffides ? hinensis* Kobayashi and Hamada, p.7, text-fig.1a,b, Syntype.
- PA5916. *Thigriffides ? hinensis* Kobayashi and Hamada, p.7, text-fig.5a,b, Syntype.

Kobayashi, T. and Hamada, T. (1978c): Advance reports on the Carboniferous trilobites of Japan. II, One new subgenus and three new species. *Proc. Japan Academy*, vol.54, ser.B, no.2, pp.50-54, text-figs.1-4.

- PA5736. *Brachymetopus (Brachymetopella) akiyoshiensis* Kobayashi and Hamada, p.51, text-fig.1a-d, Holotype.
- PA5738. *Brachymetopus (Brachymetopella) akiyoshiensis* Kobayashi and Hamada, p.51, text-fig.2a-d, Paratype.
- PA5818. *Paladin longispiniferus* Kobayashi and Hamada, p.53, text-fig.4c, Paratype. (missing)
- PA5819. *Paladin longispiniferus* Kobayashi and Hamada, p.53, text-fig.4d, Paratype. (missing)
- PA5943.* *Paladin longispiniferus* Kobayashi and Hamada, p.53, text-fig.4b, Paratype. (missing)
- PA5944. *Paladin longispiniferus* Kobayashi and Hamada, p.53, text-fig.4a, Holotype.
- PA5949. *Cummingella otai* Kobayashi and Hamada, p.53, text-fig.3a-c, Holotype.

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Kobayashi, I. and Hamada, T. (1978d): Three suites of Carboniferous trilobites in southeast Asia. *Proc. Japan Academy*, vol.54, ser.B, no.3, pp.92-95, text-figs.1-3.

- PA17969. *Thaiaspis (Thaiaspella) aliger* Kobayashi and Hamada, p.93, text-figs.1-3, Holotype.

Kobayashi, I. and Hamada, T. (1978e): Two new late Upper Permian trilobites from central Iran. *Proc. Japan Academy*, vol.54, ser.B, no.4, pp.157-162, text-figs.1-5.

- PA16762. *Iranaspidion sagittalis* Kobayashi and Hamada, p.158, text-fig.1 a,b, Paratype. (missing)
- PA16763. *Iranaspidion sagittalis* Kobayashi and Hamada, p.158, text-fig.2, Paratype. (missing)
- PA16764. *Iranaspidion sagittalis* Kobayashi and Hamada, p.158, text-fig.3 a-c, Holotype. (missing)
- PA16765. *Iranaspidion sagittalis* Kobayashi and Hamada, p.158, text-fig.4 a-c, Paratype.
- PA16766. *Acropyge lanceolata* Kobayashi and Hamada, p.160, text-fig.5a,b, Holotype.

Kobayashi, T. and Hamada, T. (1979): Permo-Carboniferous trilobites from Thailand and Malaysia. *Geology and Palaeontology of Southeast Asia*, vol.20, pp.1-21, pls.1-3, text-fig.1.

- PA17952. *Loeipyge spinifer* Kobayashi and Hamada, p.7, pl.1, fig.1a-d, Holotype.
- PA17953. *Ditomopyge amorni* Kobayashi and Hamada, p.8, pl.1, fig.2a-d, Holotype.
- PA17954. *Ditomopyge* sp. indet., p.9, pl.1, fig.3.
- PA17955. *Neoproetus (Triproetus) subovalis* Kobayashi and Hamada, p.10, pl.1, fig.4a,b, Holotype.
- PA17956. *Neoproetus (Triproetus) subovalis* Kobayashi and Hamada, p.10, pl.1, fig.5, Paratype.
- PA17957. *Neoproetus (Triproetus) subovalis* Kobayashi and Hamada, p.10, pl.1, fig.6a-c, Paratype.
- PA17958. *Neoproetus (Triproetus) subovalis* Kobayashi and Hamada, p.10, pl.1, fig.7, Paratype.
- PA17959. *Neoproetus* sp. indet. aff. *N. subovalis* Kobayashi and Hamada, p.12, pl.2, fig.1.

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- PA17960. *Paraphillipsia inflata* Kobayashi and Hamada, p.12, pl.2, fig.2 a-c, Holotype.
- PA17961. *Paraphillipsia* sp., p.13, pl.2, fig.3a-d.
- PA17962. *Paraphillipsia* sp., p.13, pl.2, fig.4a-c.
- PA17963. *Paladin opisthops* Kobayashi and Hamada, p.13, pl.2, fig.5, Holotype.
- PA17964. *Paladin opisthops* Kobayashi and Hamada, p.13, pl.2, fig.6, Paratype.
- PA17965. *Paladin opisthops* Kobayashi and Hamada, p.13, pl.3, fig.1, Paratype.
- PA17966. *Paladin opisthops* Kobayashi and Hamada, p.13, pl.3, fig.2, Paratype.
- PA17967. *Paladin veeraburusi* Kobayashi and Hamada, p.15, pl.3, fig.3, Holotype.
- PA17968. *Thaiaspis euryrachis* Kobayashi and Hamada, p.16, pl.3, fig.7, Holotype.
- PA17969. *Thaiaspis (Thaiaspella) aliger* Kobayashi and Hamada, p.17, pl.3, fig.6a-d; text-fig.1, Holotype. [see also Kobayashi and Hamada (1978d)]
- PA17970. *Thaiaspis* ? gen. et sp. indet., p.19, pl.3, fig.4.
- PA17971. *Thaiaspis* ? gen. et sp. indet., p.19, pl.3, fig.5.

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- PA16668. *Neogriffithides imbricatus* Kobayashi and Hamada, p.121, text-fig.4a-c, Holotype.
- PA16683. *Paraphillipsia levigata* Kobayashi and Hamada, p.121, text-fig.1 a,b, Holotype.
- PA16684. *Paraphillipsia levigata* Kobayashi and Hamada, p.121, text-fig.2, Paratype.
- PA16686. *Paraphillipsia levigata* Kobayashi and Hamada, p.121, text-fig.3 a-c, Paratype.
- PA16736. *Pseudophillipsia intermedia* Kobayashi and Hamada, p.121, text-fig.5, Holotype.
- PA16739. *Pseudophillipsia intermedia* Kobayashi and Hamada, p.121, text-fig.6a-c, Paratype. (missing)

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Kobayashi, T. and Hamada, T. (1980b): A new Permian species of *Pseudophillipsia* (trilobita) with spatulate genal spines. *Proc. Japan Academy*, vol.56, ser.B, no.4, pp.195-199, text-figs.1-3.

PA16699.* *Pseudophillipsia (Pseudophillipsia) spatulifera* Kobayashi and Hamada, p.195, text-figs.1a-d, 2a-d, Holotype. (missing)

PA16700.* *Pseudophillipsia (Pseudophillipsia) spatulifera* Kobayashi and Hamada, p.195, text-fig.3, Paratype. (missing)

Kobayashi, T. and Hamada, T. (1980c): Carboniferous trilobites of Japan in comparison with Asian, Pacific and other faunas. *Palaeontological Society of Japan, Special Papers* no.23, pp.1-132, pls.1-22, text-figs. 1-4.

- PA5728. *Brachymetopus (Brachymetopus) omiensis* Kobayashi and Hamada, p.54, pl.1, fig.1a,b, Paratype.
- PA5729. *Brachymetopus (Brachymetopus) omiensis* Kobayashi and Hamada, p.54, pl.1, fig.2a-d, Holotype.
- PA5730. *Brachymetopus (Brachymetopus) omiensis* Kobayashi and Hamada, p.54, pl.1, fig.3a,b, Paratype.
- PA5731. *Brachymetopus (Brachymetopus) omiensis* Kobayashi and Hamada, p.54, pl.1, fig.4a-c, Paratype.
- PA5732. *Brachymetopus (Brachymetopus) omiensis* Kobayashi and Hamada, p.54, pl.1, fig.6, Paratype.
- PA5733. *Brachymetopus (Brachymetopus) omiensis* Kobayashi and Hamada, p.54, pl.1, fig.7, Paratype.
- PA5734. *Brachymetopus (Brachymetopus) gracilentus* Kobayashi and Hamada, p.55, pl.1, fig.8a,b, Holotype.
- PA5735. *Brachymetopus (Brachymetopus) gracilentus* Kobayashi and Hamada, p.55, pl.1, fig.10a-c, Paratype.
- PA5736. *Brachymetopus (Brachymetopella) akiyoshiensis* Kobayashi and Hamada, p.56, pl.2, fig.1a-e, Holotype. [see also Kobayashi and Hamada (1978c)]
- PA5737. *Brachymetopus (Brachymetopella) akiyoshiensis* Kobayashi and Hamada, p.56, pl.2, fig.2a-c.
- PA5738. *Brachymetopus (Brachymetopella) akiyoshiensis* Kobayashi and Hamada, p.56, pl.2, fig.4a-d, Paratype. [see also Kobayashi and Hamada (1978c)]
- PA5739. *Brachymetopus (Brachymetopella) akiyoshiensis* forma *disjuncta* Kobayashi and Hamada, p.58, pl.2, fig.5.
- PA5740. *Brachymetopus (Brachymetopella ?) kitagawai* Kobayashi and Hamada, p.59, pl.2, fig.3a, Paratype.

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Kobayashi, T. and Hamada, T. (1980c): continued

- PA5741. *Brachymetopus (Brachymetopella ?) kitagawai* Kobayashi and Hamada, p.59, pl.2, fig.3b, Holotype.
- PA5742. *Pudoproetus obsoletus* Kobayashi and Hamada, p.60, pl.3, fig.1, Holotype. [see also Kobayashi and Hamada (1978b)]
- PA5743. *Pudoproetus obsoletus* Kobayashi and Hamada, p.60, pl.3, fig.2a,b.
- PA5744. *Pudoproetus obsoletus* Kobayashi and Hamada, p.60, pl.3, fig.3a-c, Paratype. [see also Kobayashi and Hamada (1978b)]
- PA5745. *Pudoproetus obsoletus* Kobayashi and Hamada, p.60, pl.3, fig.4.
- PA5746. *Conophillipsia cf. decisegmenta* Kobayashi and Tachibana, p.63, pl.3, fig.9.
- PA5747. *Conophillipsia cf. decisegmenta* Kobayashi and Tachibana, p.63, fig.10.
- PA5748. *Conophillipsia decisegmenta* Kobayashi and Tachibana, p.63, pl.4, fig.4.
- PA5749. *Conophillipsia decisegmenta* Kobayashi and Tachibana, p.63, pl.4, fig.5.
- PA5750. *Archaegonus (Angustibole) reliquius* Kobayashi and Hamada, p.65, pl.4, fig.6, Paratype.
- PA5751. *Archaegonus (Angustibole) reliquius* Kobayashi and Hamada, p.65, pl.4, fig.7a,b, Holotype.
- PA5752. *Archaegonus (Angustibole) reliquius* Kobayashi and Hamada, p.65, pl.4, fig.8, Paratype.
- PA5753. *Archaegonus (Angustibole) reliquius* Kobayashi and Hamada, p.65, pl.4, fig.9, Paratype.
- PA5754. *Archaegonus (Angustibole) reliquius* Kobayashi and Hamada, p.65, pl.4, fig.10a,b, Paratype.
- PA5755. *Archaegonus (Angustibole) reliquius* Kobayashi and Hamada, p.65, pl.4, fig.11a-c, Paratype.
- PA5756. *Archaegonus (Angustibole) impolitus* Kobayashi and Hamada, p.66, pl.5, fig.1a-c, Holotype.
- PA5757. *Archaegonus (Angustibole) impolitus* Kobayashi and Hamada, p.66, pl.5, fig.4, Paratype.
- PA5758. *Waribile lobatus* Kobayashi and Hamada, p.67, pl.5, fig.3a-c, Holotype.
- PA5759. *Waribile lobatus* Kobayashi and Hamada, p.67, pl.5, fig.5a-d, Paratype.
- PA5760. *Waribile lobatus* Kobayashi and Hamada, p.67, pl.5, fig.6, Paratype.
- PA5761. *Waribile* sp. indet., p.67, pl.5, fig.2a,b.

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- PA5762. *Waribole* sp. indet., p.67, pl.5, fig.7a,b.
- PA5763.* *Phillibole arakii* Kobayashi and Hamada, p.68, pl.5, fig.8a,b, Holotype. (missing)
- PA5764. *Carbonocoryphe (Winterbergia ?) orientalis* Kobayashi and Hamada, p.70, pl.5, fig.9a,b, Holotype. [see also Kobayashi and Hamada (1978b)]
- PA5765. *Phillipsia ohmorensis* Okubo, p.70, pl.6, fig.3.
- PA5766. *Phillipsia ohmorensis* Okubo, p.70, pl.6, fig.4.
- PA5767. *Phillipsia ohmorensis* Okubo, p.70, pl.6, fig.5.
- PA5768. *Phillipsia ohmorensis* Okubo, p.70, pl.6, fig.6.
- PA5769. *Phillipsia ohmorensis* Okubo, p.70, pl.6, fig.7a,b.
- PA5771. *Phillipsia ohmorensis* Okubo, p.70, pl.6, fig.9.
- PA5772. *Phillipsia ohmorensis* Okubo, p.70, pl.6, fig.10.
- PA5773. *Dechenelloides asiaticus* Kobayashi and Hamada, p.85, pl.7, fig.1, Holotype.
- PA5774. *Dechenelloides asiaticus* Kobayashi and Hamada, p.85, pl.7, fig.2, right, Paratype.
- PA5775. *Dechenelloides asiaticus* Kobayashi and Hamada, p.85, pl.7, fig.2, left; pl.19, fig.11, Paratype.
- PA5776. *Phillipsia ohmorensis* forma *multisegmenta* Kobayashi and Hamada, p.73, pl.7, fig.3.
- PA5777. *Phillipsia ohmorensis* forma *multisegmenta* Kobayashi and Hamada, p.73, pl.7, fig.5.
- PA5778. *Phillipsia ohmorensis* forma *multisegmenta* Kobayashi and Hamada, p.73, pl.7, fig.6.
- PA5779. *Phillipsia ohmorensis* forma *multisegmenta* Kobayashi and Hamada, p.73, pl.7, fig.7.
- PA5780. *Phillipsia* cf. *ohmorensis* Okubo, p.73, pl.7, fig.8.
- PA5781. *Phillipsia* cf. *ohmorensis* Okubo, p.73, pl.7, fig.9. (missing)
- PA5782. *Phillipsia ohmorensis* (?) Okubo, p.70, pl.7, fig.10.
- PA5783. *Phillipsia ohmorensis* (?) Okubo, p.70, pl.7, fig.11.
- PA5784. *Phillipsia longiconica* Kobayashi and Hamada, p.73, pl.7, fig.12, Paratype.
- PA5785a. *Phillipsia longiconica* Kobayashi and Hamada, p.73, pl.7, fig.13a, Holotype.
- PA5785b. *Phillipsia longiconica* Kobayashi and Hamada, p.73, pl.7, fig.13b, Paratype.

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Kobayashi, T. and Hamada, T. (1980c): continued

- PA5786. *Phillipsia longiconica* Kobayashi and Hamada, p.73, pl.7, fig.14, Paratype.
- PA5787. *Linguaphillipsia (?)* sp. indet., p.81, pl.7, fig.15.
- PA5788. *Linguaphillipsia choanjiensis* Kobayashi and Hamada, p.77, pl.8, fig.2, Holotype.
- PA5789. *Linguaphillipsia choanjiensis* Kobayashi and Hamada, p.77, pl.8, fig.3, Paratype.
- PA5790. *Palaeophillipsia tenuis* Kobayashi and Hamada, p.84, pl.8, fig.4, Paratype.
- PA5791. *Linguaphillipsia higuchizawensis* Kobayashi and Hamada, p.78, pl.8, fig.5a-c, Holotype.
- PA5792. *Linguaphillipsia higuchizawensis* Kobayashi and Hamada, p.78, pl.8, fig.6, Paratype.
- PA5793. *Linguaphillipsia higuchizawensis* Kobayashi and Hamada, p.78, pl.8, fig.7, Paratype.
- PA5794. *Linguaphillipsia higuchizawensis* Kobayashi and Hamada, p.78, pl.8, fig.8, Paratype.
- PA5795. *Linguaphillipsia higuchizawensis* Kobayashi and Hamada, p.78, pl.8, fig.9, Paratype.
- PA5796. *Linguaphillipsia* aff. *higuchizawensis* Kobayashi and Hamada, p.78, pl.8, fig.10. (missing)
- PA5797. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.9, fig.1a-c, Holotype.
- PA5798. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.9, fig.2, Paratype.
- PA5799. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.9, fig.3, Paratype.
- PA5800. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.9, fig.4, Paratype.
- PA5801. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.9, fig.5a,b, Paratype.
- PA5802. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.9, fig.6, Paratype.
- PA5803. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.9, fig.7, Paratype.
- PA5804. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.10, fig.1a,b, Paratype.
- PA5805. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.10, fig.2; pl.11, fig.1 right and left, Paratype.

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Kobayashi, T. and Hamada, T. (1980c): continued

- PA5806. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.10, fig.3, Paratype.
- PA5807. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.10, fig.4a-c, Paratype.
- PA5808. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.10, fig.5, Paratype.
- PA5809. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.10, fig.6a,b, Paratype.
- PA5810. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.10, fig.7, Paratype.
- PA5811. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.10, fig.8, Paratype.
- PA5812. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.10, fig.9, Paratype.
- PA5813. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.10, fig.10, Paratype.
- PA5814.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.11, fig.4a-c, Paratype.
- PA5815.* *Linguaphillipsid*, gen. et sp. indet., p.89, pl.11, fig.5a,b. (missing)
- PA5816.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.12, fig.1 upper and lower, Paratype.
- PA5817.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.12, fig.2, Paratype. (missing)
- PA5818.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.12, fig.3, Paratype. (missing)
- PA5819.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.12, fig.4, Paratype. (missing)
- PA5820. *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.12, fig.5, Paratype.
- PA5821.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.12, fig.6, Paratype. (missing)
- PA5822.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.12, fig.7, Holotype. (missing)
- PA5823.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.12, fig.8, Paratype.
- PA5824. *Brachymetopus (Brachymetopus) omiensis* Kobayashi and Hamada, p.54, pl.1, fig.5, Paratype.
- PA5825. *Brachymetopus (Brachymetopus) gracilentus* Kobayashi and Hamada, p.55, pl.1, fig.9, Paratype.

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Kobayashi, T. and Hamada, T. (1980c): continued

- PA5826. *Brachymetopus (Brachymetopella) akiyoshiensis* Kobayashi and Hamada, p.56, pl.2, fig.6a,b.
- PA5827. *Phillipsia ohmorensis* Okubo, p.70, pl.6, fig.8.
- PA5828. *Phillipsia ohmorensis forma multisegmenta* Kobayashi and Hamada, p.73, pl.7, fig.4.
- PA5829. *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.12, fig.9, Paratype.
- PA5830. *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.12, fig.10, Paratype.
- PA5831. *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.12, fig.11, Paratype.
- PA5832.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.12, fig.12, Paratype.
- PA5833.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.12, fig.13, Paratype.
- PA5834.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.12, fig.14, Paratype.
- PA5835. *Schizophillipsia (?) platyrachis* Kobayashi and Hamada, p.89, pl.13, fig.1, Holotype.
- PA5836. *Schizophillipsia (?) platyrachis* Kobayashi and Hamada, p.89, pl.13, fig.2, Paratype.
- PA5837. *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.13, fig.3, Paratype.
- PA5838.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.13, fig.4, Paratype. (missing)
- PA5839. *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.13, fig.5, Paratype.
- PA5840. *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.13, fig.6, Paratype.
- PA5841. *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.13, fig.7, Paratype.
- PA5842. *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.13, fig.8, Paratype.
- PA5843.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.13, fig.9, Paratype.
- PA5844. *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.13, fig.10, Paratype.
- PA5845.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.13, fig.11, Paratype.

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Kobayashi, T. and Hamada, T. (1980c): continued

- PA5846.* *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.13, fig.12, Paratype. (missing)
- PA5847. *Schizophillipsia yukisawensis* Kobayashi and Hamada, p.86, pl.13, fig.13, Paratype.
- PA5848.* *Linguaphillipsia* sp. indet. A, p.81, pl.13, fig.14.
- PA5849. *Linguaphillipsia* (?) sp. nov., p.80, pl.13, fig.15a,b.
- PA5850. *Palaeophillipsia tenuis* Kobayashi and Hamada, p.84, pl.13, fig.16, Paratype.
- PA5851. *Schizophillipsia otsuboensis* Kobayashi and Hamada, p.88, pl.13, fig.17, Paratype.
- PA5852. *Palaeophillipsia tenuis* Kobayashi and Hamada, p.84, pl.14, fig.2, Holotype.
- PA5853. *Palaeophillipsia tenuis* Kobayashi and Hamada, p.84, pl.14, fig.3, Paratype.
- PA5854. *Palaeophillipsia tenuis* Kobayashi and Hamada, p.84, pl.14, fig.4, Paratype.
- PA5855. *Palaeophillipsia tenuis* Kobayashi and Hamada, p.84, pl.14, fig.6, Paratype.
- PA5856. *Palaeophillipsia* ? sp. indet., p.4, pl.14, fig.5.
- PA5857. *Cummingella otai* Kobayashi and Hamada, p.90, pl.14, fig.9a-d.
- PA5858. *Cummingella otai* Kobayashi and Hamada, p.90, pl.14, fig.11.
- PA5859. *Cummingella otai* Kobayashi and Hamada, p.90, pl.14, fig.13a-c.
- PA5860. *Cummingella* cf. *otai* Kobayashi and Hamada, p.91, pl.14, fig.12a,b.
- PA5861. *Cummingella subtrigonalis* Kobayashi and Hamada, p.91, pl.15, fig.1a-d, Paratype.
- PA5862. *Cummingella subtrigonalis* Kobayashi and Hamada, p.91, pl.15, fig.2a-f, Holotype.
- PA5863. *Cummingella subtrigonalis* Kobayashi and Hamada, p.91, pl.15, fig.4, Paratype.
- PA5864. *Cummingella subtrigonalis* Kobayashi and Hamada, p.91, pl.15, fig.5, Paratype.
- PA5865. *Cummingella mesops* Kobayashi and Hamada, p.92, pl.15, fig.6, Paratype.
- PA5866. *Cummingella mesops* Kobayashi and Hamada, p.92, pl.15, fig.7a-c, Paratype.
- PA5867. *Cummingella mesops* Kobayashi and Hamada, p.92, pl.16, fig.1a-f, Holotype.
- PA5868. *Cummingella mesops* Kobayashi and Hamada, p.92, pl.16, fig.2a-d, Paratype.

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Kobayashi, T. and Hamada, T. (1980c): continued

- PA5869. *Cummingella mesops* Kobayashi and Hamada, p.92, pl.16, fig.3a-c, Paratype.
- PA5870. *Cummingella mesops* Kobayashi and Hamada, p.92, pl.16, fig.4a,b, Paratype.
- PA5871. *Cummingella mesops* Kobayashi and Hamada, p.92, pl.16, fig.5a-d, Paratype.
- PA5872. *Cummingella mesops* Kobayashi and Hamada, p.92, pl.17, fig.1a-c, Paratype.
- PA5873. *Cummingella mesops* Kobayashi and Hamada, p.92, pl.17, fig.2a-c, Paratype.
- PA5874. *Cummingella mesops* Kobayashi and Hamada, p.92, pl.17, fig.3a,b, Paratype.
- PA5875. *Cummingella subtrigonalis* Kobayashi and Hamada, p.91, pl.17, fig.4a,b, Paratype.
- PA5876. *Cummingella* sp. nov., p.95, pl.17, fig.5.
- PA5877. *Cummingella* (?) *eurypyge* Kobayashi and Hamada, p.96, pl.17, fig.6a-c, Holotype.
- PA5878. *Cummingella imamurai* Kobayashi and Hamada, p.94, pl.17, fig.7a-d, Holotype.
- PA5879. *Thigriphides* aff. *hinensis* Kobayashi and Hamada, p.102, pl.17, fig.9a,b.
- PA5880. *Linguaphillipsia* sp. indet. B, p.81, pl.17, fig.11.
- PA5881. *Cummingella* (?) sp. indet., p.96, pl.18, fig.1a,b.
- PA5882. *Cummingella* (?) sp. indet., p.96, pl.18, fig.2a-c.
- PA5883. *Cummingella* (?) sp. indet., p.96, pl.18, fig.3.
- PA5884. *Cummingella* (?) sp. indet., p.96, pl.18, fig.4a,b.
- PA5885.* *Bollandia pacifica* Kobayashi and Hamada, p.98, pl.19, fig.6, Paratype. (missing)
- PA5886.* *Bollandia pacifica* Kobayashi and Hamada, p.98, pl.19, fig.1, Paratype.
- PA5887.* *Bollandia pacifica* Kobayashi and Hamada, p.98, pl.19, fig.2, Paratype.
- PA5888.* *Bollandia pacifica* Kobayashi and Hamada, p.98, pl.19, fig.3, Paratype.
- PA5889.* *Bollandia pacifica* Kobayashi and Hamada, p.98, pl.19, fig.4, Paratype.
- PA5890. Pygidium, gen. et sp. indet., p.108, pl.19, fig.6a-c.
- PA5891. Pygidium, gen. et sp. indet., p.108, pl.19, fig.8a,b.
- PA5892. Free cheek, gen. et sp. indet., p.108, pl.19, fig.9.

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Kobayashi, T. and Hamada, T. (1980c): continued

- PA5893.* *Waribole* (?) sp. indet., p.68, pl.19, fig.10. (missing)
- PA5894.* *Cummingella granulifera* Kobayashi and Hamada, p.93, pl.19, fig. 12a,b, Holotype. (missing)
- PA5895.* *Cummingella granulifera* Kobayashi and Hamada, p.93, pl.19, fig. 13, Paratype. (missing)
- PA5896.* *Cummingella granulifera* Kobayashi and Hamada, p.93, pl.19, fig. 14a-c, Paratype. (missing)
- PA5897.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.1, Paratype.
- PA5898.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.2, Paratype.
- PA5899.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.3. (missing)
- PA5900.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.4, Paratype. (missing)
- PA5901.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.5, Paratype.
- PA5902.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.6, Paratype. (missing)
- PA5903.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.6 (free cheek), Paratype. (missing)
- PA5904.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.7, Paratype. (missing)
- PA5905.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.8, Paratype. (missing)
- PA5906.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.9, Paratype.
- PA5907.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.10, Paratype.
- PA5908. *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.11, Paratype.
- PA5909.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.12, Paratype. (missing)
- PA5910.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.13, Paratype. (missing)
- PA5911.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.14, Paratype.
- PA5912.* *Parvidumus densigranulatus* Kobayashi and Hamada, p.100, pl.20, fig.15, Holotype.

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Kobayashi, T. and Hamada, T. (1980c): continued

- PA5913. *Griffithidella nishikawai* Kobayashi and Hamada, p.101, pl.20, fig.16a,b; text-fig.4I, Holotype. [see also Kobayashi and Hamada (1978b)]
- PA5914. *Thigriffides hinensis* Kobayashi and Hamada, p.101, pl.20, fig. 17a,b, Holotype. [see also Kobayashi and Hamada (1978b)]
- PA5915. *Thigriffides hinensis* Kobayashi and Hamada, p.101, pl.21, fig.1.
- PA5916. *Thigriffides hinensis* Kobayashi and Hamada, p.101, pl.21, fig. 2a-c, Paratype. [see also Kobayashi and Hamada (1978b)]
- PA5917. *Thigriffides hinensis* Kobayashi and Hamada, p.101, pl.21, fig. 3a-c.
- PA5918. *Thigriffides* aff. *hinensis* Kobayashi and Hamada, p.102, pl.21, fig.4.
- PA5919. *Thigriffides (?) kibiensis* Kobayashi and Hamada, p.103, pl.21, fig.5, Holotype.
- PA5920. *Thigriffides (?) kibiensis* Kobayashi and Hamada, p.103, pl.21, fig.6a-c, Paratype.
- PA5921. *Thigriffides (?) kibiensis* Kobayashi and Hamada, p.103, pl.21, fig.7a-c, Paratype.
- PA5922. *Schizophillipsia otsuboensis* Kobayashi and Hamada, p.88, pl.21, fig.8, Paratype.
- PA5923. *Schizophillipsia otsuboensis* Kobayashi and Hamada, p.88, pl.21, fig.9, Paratype.
- PA5924. *Schizophillipsia otsuboensis* Kobayashi and Hamada, p.88, pl.21, fig.10, Holotype.
- PA5925. *Schinophilipsia otsuboensis* Kobayashi and Hamada, p.88, pl.21, fig.11, Paratype.
- PA5926. *Paladin (?) mizunoi* Kobayashi and Hamada, p.105, pl.21, fig.12, Holotype.
- PA5927. *Paladin (?) mizunoi* Kobayashi and Hamada, p.105, pl.21, fig.13, Paratype.
- PA5928. *Paladin (?) mizunoi* Kobayashi and Hamada, p.105, pl.21, fig.14, Paratype.
- PA5929. *Paladin (?) mizunoi* Kobayashi and Hamada, p.105, pl.21, fig.15, Paratype.
- PA5930. *Paladin (?) mizunoi* Kobayashi and Hamada, p.105, pl.21, fig.16, Paratype.
- PA5931. *Paladin (?) mizunoi* Kobayashi and Hamada, p.105, pl.21, fig.17, Paratype.
- PA5932. *Paladin (?) mizunoi* Kobayashi and Hamada, p.105, pl.21, fig.18, Paratype.

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Kobayashi, T. and Hamada, T. (1980c): continued

- PA5933.* *Paladin* sp. indet., p.105, pl.22, fig.2. (missing)
- PA5934.* *Paladin* sp. indet., p.105, pl.22, fig.3. (missing)
- PA5935.* *Paladin* sp. indet., p.105, pl.22, fig.4. (missing)
- PA5936.* *Paladin* sp. indet., p.105, pl.22, fig.5. (missing)
- PA5937.* *Paladin (Weberides) longispiniferus* Kobayashi and Hamada, p.106, pl.22, fig.6. (missing)
- PA5938.* *Paladin (Weberides) longispiniferus* Kobayashi and Hamada, p.106, pl.22, fig.7. (missing)
- PA5939.* *Paladin (Weberides) longispiniferus* Kobayashi and Hamada, p.106, pl.22, fig.8. (missing)
- PA5940.* *Paladin (Weberides) longispiniferus* Kobayashi and Hamada, p.106, pl.22, fig.9. (missing)
- PA5941.* *Paladin (Weberides) longispiniferus* Kobayashi and Hamada, p.106, pl.22, fig.10. (missing)
- PA5942.* *Paladin (Weberides) longispiniferus* Kobayashi and Hamada, p.106, pl.22, fig.11. (missing)
- PA5943.* *Paladin (Weberides) longispiniferus* Kobayashi and Hamada, p.106, pl.22, fig.12, Paratype. (missing) [see also Kobayashi and Hamada (1978c)]
- PA5944.* *Paladin (Weberides) longispiniferus* Kobayashi and Hamada, p.106, pl.22, fig.13, Holotype. (missing) [see also Kobayashi and Hamada (1978c)]
- PA5945. *Paladin (?) mizunoi* Kobayashi and Hamada, p.105, pl.22, fig.14, Paratype.
- PA5946a. *Paragriffithides japonicus* Kobayashi and Hamada, p.103, pl.22, fig.15a-c, Holotype.
- PA5946b. *Paragriffithides japonicus* Kobayashi and Hamada, p.103, pl.22, fig.16a,b, Paratype.
- PA5947.* *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.11, fig.2, Paratype.
- PA5948. *Linguaphillipsia subconica* Kobayashi and Hamada, p.79, pl.11, fig.3, Paratype.
- PA5949. *Cummingella otai* Kobayashi and Hamada, p.90, pl.14, fig.7a-c, Holotype. [see also Kobayashi and Hamada (1978c)]
- PA5950. *Cummingella otai* Kobayashi and Hamada, p.90, pl.14, fig.8a,b.
- PA5951. *Cummingella cf. otai* Kobayashi and Hamada, p.91, pl.14, fig.10.
- PA5952. *Cummingella subtrigonalis* Kobayashi and Hamada, p.91, pl.15, fig.3a,b, Paratype.
- PA5953. Pygidium, gen. et sp. indet., p.108, pl.7, fig.10.

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Kobayashi, T. and Hamada, T. (1980c): continued

- PA5954. *Cummingella subovalis* Kobayashi and Hamada, p.95, pl.18, fig.5, Holotype.
- PA5955.* *Bollandia pacifica* Kobayashi and Hamada, p.98, pl.18, fig.7, Paratype.
- PA5956. *Bollandia pacifica* Kobayashi and Hamada, p.98, pl.18, fig.8, Holotype.
- PA5957. *Bollandia pacifica* Kobayashi and Hamada, p.98, pl.18, fig.9, Paratype.
- PA5958. Pygidium, gen. et sp. indet., p.108, pl.19, fig.5a,b.
- PA5959. Pygidium, gen. et sp. indet., p.108, pl.19, fig.7.
- PA5960. *Paladin carinatus* Kobayashi and Hamada, p.104, pl.22, fig.1; text-fig.4N, Holotype.
- PA5961. *Liobole* (?) sp. indet., p.69, pl.17, fig.8.
- PA8003. *Phillipsia ohmorensis* Okubo, p.70, pl.6, fig.1, Paratype. [see also Okubo (1951)]
- PA8004. *Phillipsia ohmorensis* Okubo, p.70, pl.6, fig.2a,b, Paratype. [see also Okubo (1951)]

Kobayashi, T. and Hamada, T. (1982): Advance reports on the Permian trilobites of Japan. II. Cordaniinae, nov. and Cheiropyge (*Suturikephalion*), nov. *Proc. Japan Academy*, vol.58, ser.B, no.3, pp.49-51, text-figs.1-5.

- PA16657. *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.51, fig.2, Syntype.
- PA16661.* *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.51, fig.4, Syntype.
- PA16662.* *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.51, fig.5, Syntype.
- PA16667.* *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.51, fig.3a,b, Syntype.

Kobayashi, T. and Hamada, T. (1984a): The Middle and Upper Permian trilobites from the Akasaka limestone in Gifu Prefecture, west Japan. *Proc. Japan Academy*, vol. 60, ser.B, no.1, pp.1-4, text-figs.1-5.

- PA16711. *Pseudophillipsia (Pseudophillipsia) kiriuensis* Kobayashi and Hamada, p.2, fig.1a, Holotype. (missing)
- PA16712. *Pseudophillipsia (Pseudophillipsia) kiriuensis* Kobayashi and Hamada, p.2, fig.1b, Paratype. (missing)

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Kobayashi, T. and Hamada, T. (1984a): continued

- PA16721. *Pseudophillipsia (Pseudophillipsia) akasakensis* Kobayashi and Hamada, p.2, fig.2a, Holotype; fig.2b, Paratype.
- PA16723. *Pseudophillipsia (Nodiphillipsia) ozawai* Kobayashi and Hamada, p.2, fig.4a, Holotype.
- PA16724a. *Pseudophillipsia (Nodiphillipsia) ozawai* Kobayashi and Hamada, p.2, fig.4b, Paratype.
- PA16727. *Pseudophillipsia (Nodiphillipsia) hanaokensis* Kobayashi and Hamada, p.2, fig.5a, Holotype.
- PA16729. *Pseudophillipsia (Nodiphillipsia) hanaokensis* Kobayashi and Hamada, p.2, fig.5b, Paratype. (missing)
- PA16731. *Pseudophillipsia (Pseudophillipsia) catena* Kobayashi and Hamada, p.2, fig.3a, Holotype.
- PA16734. *Pseudophillipsia (Pseudophillipsia) catena* Kobayashi and Hamada, p.2, fig.3b, Paratype.

Kobayashi, T. and Hamada, T. (1984b): Permian trilobites of Japan in comparison with Asian, Pacific and other faunas. *Palaeontological Society of Japan, Special Papers* no.26, pp.1-92, pls.1-14, text-figs.1-6.

- PA16657. *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.38, pl.1, fig.1, Holotype. (missing) [see also Kobayashi and Hamada (1982)]
- PA16658.* *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.38, pl.1, fig.2.
- PA16659. *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.38, pl.1, fig.3. (missing)
- PA16660. *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.38, pl.1, fig.4.
- PA16661.* *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.38, pl.1, fig.5, Paratype. [see also Kobayashi and Hamada (1982)]
- PA16662.* *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.38, pl.1, fig.6, Paratype. [see also Kobayashi and Hamada (1982)]
- PA16663.* *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.38, pl.1, fig.7.
- PA16664.* *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.38, pl.1, fig.8a,b.
- PA16665.* *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.38, pl.1, fig.9a,b.
- PA16666.* *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.38, pl.1, fig.10a,b.

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Kobayashi, T. and Hamada, T. (1984b): continued

- PA16667. *Cheiropyge (Suturikephalion) koizumii* Kobayashi and Hamada, p.38, pl.1, fig.11a,b, Paratype. [see also Kobayashi and Hamada (1982)]
- PA16668. *Neogriffithides imbricatus* Kobayashi and Hamada, p.48, pl.1, fig.12a-c, Holotype. [see also Kobayashi and Hamada (1980a)]
- PA16669. *Neogriffithides imbricatus* Kobayashi and Hamada, p.48, pl.1, fig.13.
- PA16670.* *Griffithid*, gen. et sp. indet., p.74, pl.1, fig.14.
- PA16671.* *Pseudophillipsia* (?) sp. indet., p.10, pl.1, fig.15. (missing)
- PA16672. *Nipponaspis takaizumii* Koizumi, p.43, pl.2, fig.1a-c, Holotype.
- PA16673.* *Nipponaspis takaizumii* Koizumi, p.43, pl.2, fig.2. (missing)
- PA16674. *Nipponaspis takaizumii* Koizumi, p.43, pl.2, fig.3, Paratype.
- PA16675. *Nipponaspis takaizumii* Koizumi, p.43, pl.2, fig.4.
- PA16676. *Nipponaspis takaizumii* Koizumi, p.43, pl.2, fig.3.
- PA16677. *Jimbokranion subovalis* Kobayashi and Hamada, p.74, pl.2, fig.6, Holotype.
- PA16678. *Pseudophillipsia* (?) sp. indet., p.67, pl.2, fig.7.
- PA16679.* "*Neoproetus*" *akagii* Kobayashi and Hamada, p.46, pl.3, fig.1a-c, Holotype. (missing)
- PA16680. "*Neoproetus*" *akagii* Kobayashi and Hamada, p.46, pl.3, fig.2a-c, Paratype.
- PA16681. "*Neoproetus*" *akagii* Kobayashi and Hamada, p.46, pl.3, fig.3a-c.
- PA16682. "*Neoproetus*" *akagii* Kobayashi and Hamada, p.46, pl.3, fig.4a,b.
- PA16683. *Paraphillipsia levigata* Kobayashi and Hamada, p.45, pl.3, fig.5a,b, Holotype. [see also Kobayashi and Hamada (1980a)]
- PA16684. *Paraphillipsia levigata* Kobayashi and Hamada, p.45, pl.3, fig.6, Paratype. [see also Kobayashi and Hamada (1980a)]
- PA16685. *Paraphillipsia levigata* Kobayashi and Hamada, p.45, pl.3, fig.7.
- PA16686. *Paraphillipsia levigata* Kobayashi and Hamada, p.45, pl.3, fig.8a-c, Paratype. [see also Kobayashi and Hamada (1980a)]
- PA16687. *Paraphillipsia levigata* Kobayashi and Hamada, p.45, pl.3, fig.9a,b.
- PA16688.* *Endops yanagisawai* (Endo and Matsumoto), p.47, pl.4, fig.1. (missing)
- PA16689. *Endops yanagisawai* (Endo and Matsumoto), p.47, pl.4, fig.2.
- PA16690. *Endops yanagisawai* (Endo and Matsumoto), p.47, pl.4, fig.3a,b.
- PA16691. *Endops yanagisawai* (Endo and Matsumoto), p.47, pl.4, fig.4.
- PA16692. *Paladin* (?) *iwaizakiensis* Kobayashi and Hamada, p.46, pl.4, fig.5, Holotype.

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Kobayashi, T. and Hamada, T. (1984b): continued

- PA16693. *Paladin (?) iwaizakiensis* Kobayashi and Hamada, p.46, pl.4, fig.6, Paratype.
- PA16694. *Paladin (?) iwaizakiensis* Kobayashi and Hamada, p.46, pl.4, fig.7, Paratype.
- PA16695. *Paladin (?) iwaizakiensis* Kobayashi and Hamada, p.46, pl.4, fig.8, Paratype.
- PA16696.* *Ditomopyge densigranulata* Kobayashi and Hamada, p.50, pl.4, fig. 9, Holotype.
- PA16697.* *Ditonopyge densigranulata* Kobayashi and Hamada, p.50, pl.4, fig. 10, Paratype.
- PA16698.* *Ditomopyge densigranulata* Kobayashi and Hamada, p.50, pl.4, fig. 11, Paratype.
- PA16699.* *Pseudophillipsia (Nodiphillipsia) spatulifera* Kobayashi and Hamada, p.59, pl.5, fig.1a-c, 2a-f, Holotype. (missing) [see also Kobayashi and Hamada (1980b)]
- PA16700.* *Pseudophillipsia (Nodiphillipsia) spatulifera* Kobayashi and Hamada, p.59, pl.5, fig.3, Paratype. (missing) [see also Kobayashi and Hamada (1980b)]
- PA16701.* *Pseudophillipsia (Nodiphillipsia) spatulifera* Kobayashi and Hamada, p.59, pl.6, fig.1. (missing)
- PA16702.* *Pseudophillipsia (Nodiphillipsia) spatulifera* Kobayashi and Hamada, p.59, pl.6, fig.2.
- PA16703. *Pseudophillipsia (Nodiphillipsia) spatulifera* Kobayashi and Hamada, p.59, pl.6, fig.3.
- PA16704.* *Pseudophillipsia (Nodiphillipsia) sasakii* Kobayashi and Hamada, p.61, pl.6, fig.4, Holotype.
- PA16705.* *Pseudophillipsia (Nodiphillipsia) sasakii* Kobayashi and Hamada, p.61, pl.6, fig.5, Paratype.
- PA16706.* *Pseudophillipsia (Nodiphillipsia) sasakii* Kobayashi and Hamada, p.61, pl.6, fig.6, Paratype.
- PA16707.* *Pseudophillipsia (Pseudophillipsia ?) kuzuensis* Kobayashi and Hamada, p.54, pl.6, figs.7, 8a-c, Holotype. (missing)
- PA16708. *Pseudophillipsia (Nodiphillipsia ?) binodosa* Kobayashi and Hamada, p.63, pl.6, fig.9a-c, Paratype.
- PA16709. *Pseudophillipsia (Nodiphillipsia ?) binodosa* Kobayashi and Hamada, p.63, pl.6, fig.10a,b, Holotype.
- PA16710.* *Pseudophillipsia (Pseudophillipsia) kiriuensis* Kobayashi and Hamada, p.53, pl.7, fig.1a,b, Paratype. (missing)
- PA16711.* *Pseudophillipsia (Pseudophillipsia) kiriuensis* Kobayashi and Hamada, p.53, pl.7, fig.2, Holotype. (missing) [see also Kobayashi and Hamada (1984a)]

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Kobayashi, T. and Hamada, T. (1984b): continued

- PA16712.* *Pseudophillipsia (Pseudophillipsia) kiriensis* Kobayashi and Hamada, p.53, pl.7, fig.3a-c, Paratype. (missing) [see also Kobayashi and Hamada (1984a)]
- PA16713.* *Pseudophillipsia (Pseudophillipsia) kiriensis forma subtrigonalis* Kobayashi and Hamada, p.54, pl.7, fig.4. (missing)
- PA16714.* *Pseudophillipsia (Pseudophillipsia) kiriensis forma subtrigonalis* Kobayashi and Hamada, p.54, pl.7, fig.5. (missing)
- PA16715.* *Pseudophillipsia (Pseudophillipsia) kiriensis forma subtrigonalis* Kobayashi and Hamada, p.54, pl.7, fig.6. (missing)
- PA16716.* *Pseudophillipsia (Pseudophillipsia) kiriensis* Kobayashi and Hamada, p.53, pl.8, figs.1,2,3ab.
- PA16717.* *Pseudophillipsia (Pseudophillipsia) kiriensis* Kobayashi and Hamada, p.53, pl.8, figs.4,5.
- PA16718. *Pseudophillipsia (Pseudophillipsia) kiriensis* Kobayashi and Hamada, p.53, pl.8, fig.6a-c.
- PA16719a. *Pseudophillipsia (Nodiphillipsia) spatulifera* Kobayashi and Hamada, p.59, pl.8, fig.7.
- PA16719b. *Pseudophillipsia (Nodiphillipsia) spatulifera* Kobayashi and Hamada, p.59, pl.8, fig.8.
- PA16720.* *Pseudophillipsia (Nodiphillipsia ?) aff. P. (N. ?) binodosa* Kobayashi and Hamada, p.63, pl.8, fig.9.
- PA16721. *Pseudophillipsia (Pseudophillipsia) akasakensis* Kobayashi and Hamada, p.55, pl.9, fig.1a-g, Holotype. [see also Kobayashi and Hamada (1984a)]
- PA16722. *Pseudophillipsia (Pseudophillipsia) akasakensis* Kobayashi and Hamada, p.55, pl.9, fig.2.
- PA16723. *Pseudophillipsia (Nodiphillipsia) ozawai* Kobayashi and Hamada, p.63, pl.9, fig.3, Holotype. [see also Kobayashi and Hamada (1984a)]
- PA16724a. *Pseudophillipsia (Nodiphillipsia) ozawai* Kobayashi and Hamada, p.63, pl.9, fig.4a-c, Paratype. [see also Kobayashi and Hamada (1984a)]
- PA16724b.* *Pseudophillipsia (Nodiphillipsia) ozawai* Kobayashi and Hamada, p.63, pl.9, fig.5a-c. (missing)
- PA16725. *Pseudophillipsia (Nodiphillipsia) hanaokensis* Kobayashi and Hamada, p.64, pl.10, fig.1a,b.
- PA16726. *Pseudophillipsia (Nodiphillipsia) hanaokensis* Kobayashi and Hamada, p.64, pl.10, fig.2a-d.
- PA16727. *Pseudophillipsia (Nodiphillipsia) hanaokensis* Kobayashi and Hamada, p.64, pl.10, fig.3a-d, Holotype. [see also Kobayashi and Hamada (1984a)]

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Kobayashi, T. and Hamada, T. (1984b): continued

- PA16728. *Pseudophillipsia (Nodiphillipsia) hanaokensis* Kobayashi and Hamada, p.64, pl.10, fig.4a-c.
- PA16729.* *Pseudophillipsia (Nodiphillipsia) hanaokensis* Kobayashi and Hamada, p.64, pl.10, fig.5a,b, Paratype. (missing) [see also Kobayashi and Hamada (1984a)]
- PA16730. *Pseudophillipsia (Pseudophillipsia) catena* Kobayashi and Hamada, p.56, pl.10, fig.6a,b.
- PA16731. *Pseudophillipsia (Pseudophillipsia) catena* Kobayashi and Hamada, p.56, pl.10, fig.7, Holotype. [see also Kobayashi and Hamada (1984a)]
- PA16732. *Pseudophillipsia (Pseudophillipsia) catena* Kobayashi and Hamada, p.56, pl.10, fig.8.
- PA16733. *Pseudophillipsia (Pseudophillipsia) catena* Kobayashi and Hamada, p.56, pl.10, fig.9a,b, Paratype. [see also Kobayashi and Hamada (1984a)]
- PA16734. *Pseudophillipsia (Pseudophillipsia) catena* Kobayashi and Hamada, p.56, pl.10, fig.10a,b, Paratype. [see also Kobayashi and Hamada (1984a)]
- PA16735. *Pseudophillipsia (Pseudophillipsia) catena* Kobayashi and Hamada, p.56, pl.10, fig.11a,b.
- PA16736. *Pseudophillipsia (Carniphillipsia ?) intermedia* Kobayashi and Hamada, p.57, pl.11, fig.1, Holotype. [see also Kobayashi and Hamada (1984a)]
- PA16737.* *Pseudophillipsia (Carniphillipsia ?) intermedia* Kobayashi and Hamada, p.57, pl.11, fig.2a-c, Paratype. (missing)
- PA16738. *Pseudophillipsia (Nodiphillipsia) hanaokensis* Kobayashi and Hamada, p.64, pl.11, fig.3a-c.
- PA16739.* *Pseudophillipsia (Nodiphillipsia) hanaokensis* Kobayashi and Hamada, p.64, pl.11, fig.4a-e. (missing)
- PA16740. *Ampulliglabella kojimai* kobayashi and Hamada, p.70, pl.12, fig.1a-c, Holotype.
- PA16741.* *Ampulliglabella kojimai* kobayashi and Hamada, p.70, pl.12, fig.2.
- PA16742.* *Ampulliglabella kojimai* Kobayashi and Hamada, p.70, pl.12, fig.3, Paratype.
- PA16743.* *Ampulliglabella kojimai* Kobayashi and Hamada, p.70, pl.12, fig.4.
- PA16744. *Ampulliglabella kojimai* Kobayashi and Hamada, p.70, pl.12, fig.5.
- PA16745. *Ampulliglabella kojimai* Kobayashi and Hamada, p.70, pl.12, fig.6a,b.
- PA16746. *Ampulliglabella kojimai* Kobayashi and Hamada, p.70, pl.12, fig.7.
- PA16747.* *Ampulliglabella kojimai* Kobayashi and Hamada, p.70, pl.12, fig.8a,b, Paratype.

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Kobayashi, T. and Hamada, T. (1984b): continued

- PA16748. *Ampulliglabella kojimai* Kobayashi and Hamada, p.70, pl.12, fig. 9a,b.
- PA16749. *Ampulliglabella kojimai* Kobayashi and Hamada, p.70, pl.12, fig. 10a,b.
- PA16750.* *Ampulliglabella kojimai* Kobayashi and Hamada, p.70, pl.12, fig. 11a,b, Paratype.
- PA16751.* *Ampulliglabella rotunda* Kobayashi and Hamada, p.71, pl.13, fig. 1, Holotype.
- PA16752a.* *Ampulliglabella rotunda* Kobayashi and Hamada, p.71, pl.13, fig. 2a,b, Paratype.
- PA16752b.* *Ampulliglabella rotunda* Kobayashi and Hamada, p.71, pl.13, fig. 3, Paratype.
- PA16753.* *Ampulliglabella rotunda* Kobayashi and Hamada, p.71, pl.13, fig. 4, Paratype.
- PA16754.* *Ampulliglabella rotunda* Kobayashi and Hamada, p.71, pl.13, fig. 5, Paratype.
- PA16755.* *Ampulliglabella rotunda* Kobayashi and Hamada, p.71, pl.13, fig.6.
- PA16756.* *Pseudophillipsia (Nodiphillipsia ?) binodosa* Kobayashi and Hamada, p.63, pl.13, fig.7a-c.
- PA16757.* *Pseudophillipsia (Nodiphillipsia ?) binodosa* Kobayashi and Hamada, p.63, pl.13, fig.8.
- PA16758.* *Pseudophillipsia (Nodiphillipsia ?) simplex* Kobayashi and Hamada, p.62, pl.13, fig.9a,b, Holotype.
- PA16759.* *Pseudophillipsia (Nodiphillipsia ?) aff. P. (N. ?) simplex* Kobayashi and Hamada, p.63, pl.13, fig.10.
- PA16760.* *Pseudophillipsia (Nodiphillipsia ?) aff. P. (N. ?) simplex* Kobayashi and Hamada, p.63, pl.13, fig.11.
- PA16761.* *Pseudophillipsia (Nodiphillipsia ?) aff. P. (N. ?) simplex* Kobayashi and Hamada, p.63, pl.13, fig.12.
- PA16762. *Iranaspidion sagittalis* Kobayashi and Hamada, p.68, pl.14, figs. 1,2b, Paratype. (missing) [see also Kobayashi and Hamada (1978e)]
- PA16763. *Iranaspidion sagittalis* Kobayashi and Hamada, p.68, pl.14, fig. 2a, Paratype. (missing) [see also Kobayashi and Hamada (1978e)]
- PA16764. *Iranaspidion sagittalis* Kobayashi and Hamada, p.68, pl.14, fig. 3a-c, Holotype. (missing) [see also Kobayashi and Hamada (1978e)]
- PA16765. *Iranaspidion sagittalis* Kobayashi and Hamada, p.68, pl.14, fig. 4a-c, Paratype. [see also Kobayashi and Hamada (1978e)]
- PA16766. *Acropyge lanceolata* Kobayashi and Hamada, p.73, pl.14, fig.5a,b, Holotype. [see also Kobayashi and Hamada (1978e)]

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PA17722. *"Phillipsia"* aff. *middlemissi* Diener, p.281, text-fig.1.

Kobayashi, T. and Hamada, T. (1986a): A new Permian genus of trilobita from Bolivia. *Proc. Japan Academy*, vol.62, ser.B, no.6, pp.181-183, text-figs.1-4.

PA18064. *Bolivicrania yampupatensis* (Arellano), p.181, fig.1.

PA18065. *Bolivicrania yampupatensis* (Arellano), p.181, fig.2.

PA18066. *Bolivicrania yampupatensis* (Arellano), p.181, fig.3.

PA18067.* *Bolivicrania yampupatensis* (Arellano), p.181, fig.4.

Kobayashi, T. and Hamada, T. (1986b): The second addition to the Silurian trilobite fauna of Yokokura-yama, Shikoku, Japan. *Trans. Proc. Palaeont. Soc. Japan*, N. S., no.143, pp.447-462, pls.90-92, text-figs.1-3.

PA18071. *Japonoscutellum japonicum puteatum* Kobayashi and Hamada, p.448, pl.90, fig.1a-c, Holotype.

PA18072. *Japonoscutellum japonicum laticephalum* Kobayashi and Hamada, p.449, pl.90, fig.2a,b, Holotype.

PA18073. Scutelloid, gen. et sp. indet., p.449, pl.90, fig.3.

PA18074. *Opoa (?) trinodosa* Kobayashi and Hamada, p.450, pl.90, fig.4a-c, Holotype.

PA18075. *Illaenoides (?) magnisulcatus* Kobayashi and Hamada, p.452, pl.90, fig.5a,b, Holotype.

PA18076. *Illaenoides (?) abnormis* Kobayashi and Hamada, p.453, pl.90, fig.6a-c, Holotype.

PA18077. *Sphaerexochus hiratai* Kobayashi and Hamada, p.454, pl.90, fig.7a-c.

PA18078. *Cyphoproetus latiaxis* Kobayashi and Hamada, p.453, pl.91, fig.1a-g, Holotype.

PA18079. *Cyphoproetus latiaxis* Kobayashi and Hamada, p.453, pl.91, fig.2a-c, Paratype.

PA18080. *Ichiyamella subglobula* Kobayashi and Hamada, p.456, pl.91, fig.3a-f, text-fig.A1-4, Holotype.

PA18081. *Dindymene (?)* sp. indet., p.455, pl.91, fig.4.

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Kobayashi, T. and Hamada, T. (1986b): continued

- PA18082. *Dicranopeltis tricornis* Kobayashi and Hamada, p.458, pl.92, fig. 1a-g; text-fig.C1-3, Holotype.
- PA18083. *Apolichas truncatus* Kobayashi and Hamada, p.459, pl.92, fig.2a-c; text-fig.B1-3.

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- MM5536. *Halobia styriaca* (Mojsisovics), p.244, pl.26, figs.1,2.
- MM5537. *Halobia styriaca* (Mojsisovics), p.244, pl.26, fig.3.
- MM5538. *Halobia styriaca* (Mojsisovics), p.244, pl.26, fig.4.
- MM5539. *Halobia styriaca* (Mojsisovics), p.244, pl.26, fig.5.
- MM5540. *Halobia styriaca* (Mojsisovics), p.244, pl.26, fig.6.
- MM5541. *Halobia styriaca* (Mojsisovics), p.244, pl.26, fig.7.
- MM5542. *Halobia styriaca* (Mojsisovics), p.244, pl.26, fig.8.
- MM5543. *Halobia styriaca* (Mojsisovics), p.244, pl.26, fig.9.
- MM5544. *Halobia styriaca* (Mojsisovics), p.244, pl.26, fig.10.
- MM5545. *Halobia styriaca* (Mojsisovics), p.244, text-fig.a.
- MM5546. *Halobia styriaca* (Mojsisovics), p.244, text-fig.b.

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- PM4962h. *Lophospira* sp., p.78, pl.3, fig.5.
- PA4963a'. *Dalmanitina malayensis* Kobayashi and Hamada, p.75, pl.3, fig.21.
- PM4963b. *Lophospira* sp., p.78, pl.3, fig.6.
- PM4963f. *Lophospira* sp., p.78, pl.3, fig.8.
- PA4963i. *Dalmanitina malayensis* Kobayashi and Hamada, p.75, pl.3, fig.20.
- PE4963j. Cystidean plate, p.75, pl.3, fig.1.
- PA4963o. *Dalmanitina malayensis* Kobayashi and Hamada, p.75, pl.3, fig.30.
- PA4965f. *Dalmanitina malayensis* Kobayashi and Hamada, p.75, pl.3, fig.22.
- PM4967a. *Megalomphala* (?) sp., p.78, pl.3, fig.10.
- PM4967c. Hyolithid indet. B, p.75, pl.3, fig.14a,b.

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Kobayashi, T., Jones, C. R. and Hamada, T. (1964): continued

- PM4967d. *Lophospira* sp., p.78, pl.3, fig.4.
- PA4975b. *Dalmanitina malayensis* Kobayashi and Hamada, p.75, pl.3, fig.28.
- PM4977b. Hyolithid indet. A., p.75, pl.3, fig.12a.
- PM4979c. *Lophospira* sp., p.78, pl.3, fig.7.
- PA4979d. *Dalmanitina malayensis* Kobayashi and Hamada, p.75, pl.3, fig.26.
- PA4980. *Dalmanitina malayensis* Kobayashi and Hamada, p.75, pl.3, fig.23.
(missing)
- PA4981. *Dalmanitina malayensis* Kobayashi and Hamada, p.75, pl.3, fig.29.
(missing)
- PB4982e. Plectambonid indet., p.75, pl.3, fig.15.
- PH4982i. *Climacograptus* sp., p.79, pl.3, fig.17.
- PH4982j. *Climacograptus* sp., p.79, pl.3, fig.18.
- PH4982k. *Climacograptus* sp., p.79, pl.3, fig.19.
- PM4983. *Megalomphala* (?) sp., p.79, pl.3, fig.16.
- PH4984. *Climacograptus* sp., p.79, pl.3, fig.16.
- PA4984a. *Stenopareia* (?) sp., p.79, pl.3, fig.11.
- PM4985. Hyolithid indet. A, p.75, pl.3, fig.12b,c.
- PA4986f. *Dalmanitina malayensis* Kobayashi and Hamada, p.75, pl.3, fig.24.
- PA4987a. *Dalmanitina malayensis* Kobayashi and Hamada, p.75, pl.3, fig.27.
- PA4988a. *Dalmanitina malayensis* Kobayashi and Hamada, p.75, pl.3, fig.25a,b.
- PM4988c. *Lophospira* sp., p.78, pl.3, fig.3.
- PM4989. Hyolithid indet. C, p.75, pl.3, fig.2.
- PM4989b. Hyolithid indet. A, p.75, pl.3, fig.13.

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from north Sumatra with a note on the Halobia facies in Indonesia.

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- MM6268. *Halobia tobensis* Kobayashi and Masatani, p.119, pl.1, fig.1,
Holotype.
- MM6269. *Halobia tobensis* Kobayashi and Masatani, p.119, pl.1, fig.2,
Paratype.
- MM6270. *Halobia tobensis* Kobayashi and Masatani, p.119, pl.1, fig.3,
Paratype.
- MM6271. *Halobia tobensis* Kobayashi and Masatani, p.119, pl.1, fig.4,
Paratype.

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Kobayashi, T. and Masatani, K. (1968): continued

- MM6272. *Halobia simaimaiensis* Kobayashi and Masatani, p.120, pl.1, fig.5, Holotype.
- MM6273. *Halobia simaimaiensis* Kobayashi and Masatani, p.120, pl.1, fig.6, Paratype.
- MM6274. *Halobia simaimaiensis* Kobayashi and Masatani, p.120, pl.1, fig.7, Paratype.

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- MV15936.* *Plesiosauria* gen. and sp. indet., p.187, pl.11, fig.2a,b.
- MM15937.* *Cardinioides magnus* Kobayashi and Hayami, p.188, pl.11, fig.3a-c, Holotype.

Kobayashi, T. and Tamura, M. (1968): *Myophoria* (s. l.) in Malaya with a note on the Triassic Trigoniacea. *Geol. Palaeont. Southeast Asia*, vol.5, pp.88-137, pls.12-14, text-figs.1-5.

- MM5962. *Neoschizodus* cf. *laevigatus* (Alberti) var. *elargatus* Philippi, p.91, pl.12, fig.16.
- MM5963. *Neoschizodus* (*Leviconcha*) cf. *ovatus* (Goldfuss) var. *elongatus* Giebel, p.92, pl.12, fig.15.
- MM5964. *Myophoria* (?) *newtoni* Kobayashi and Tamura, p.94, pl.12, fig.1, Paratype.
- MM5965. *Myophoria* (?) *newtoni* Kobayashi and Tamura, p.94, pl.12, figs.2,3, text-fig.2e, Holotype.
- MM5966. *Costatoria quinquecostata* Kobayashi and Tamura, p.96, pl.12, figs. 9,10,12,13, text-fig.2a, Holotype.
- MM5967. *Costatoria quinquecostata* Kobayashi and Tamura, p.96, pl.12, fig. 11, Paratype.
- MM5968. *Costatoria quinguicostata* Kobayashi and Tamura, p.96, pl.12, fig. 14, Paratype.
- MM5969. *Costatoria pahangensis* Kobayashi and Tamura, p.98, pl.13, fig.10, Paratype.
- MM5970a. *Costatoria pahangensis* Kobayashi and Tamura, pl.13, fig.11, text-fig.2d, Holotype.
- MM5970b. *Costatoria pahangensis* Kobayashi and Tamura, p.98, pl.13, fig.12, Paratype.

KOBAYASHI

Kobayashi, T. and Tamura, M. (1968): continued

- MM5970c. *Costatoria pahangensis* Kobayashi and Tamura, p.98, pl.13, fig.13, Paratype.
- MM5971. *Costatoria malayensis* (Newton), p.98, pl.13, fig.7.
- MM5972. *Costatoria malayensis* (Newton), p.98, pl.13, fig.8.
- MM5973. *Costatoria malayensis* (Newton), p.98, pl.13, fig.9.
- MM5974.* *Costatoria cf. myophoria* (Boettiger), p.100, pl.13, fig.4.
- MM5975.* *Costatoria cf. myophoria* (Boettiger), p.100, pl.13, fig.5.
- MM5976.* *Costatoria cf. myophoria* (Boettiger), p.100, pl.13, fig.6, text-fig.2f.
- MM5977. *Costatoria chegarperahensis* Kobayashi and Tamura, p.100, pl.13, figs.14,15, Paratype.
- MM5978. *Costatoria chegarperahensis* Kobayashi and Tamura, p.100, pl.13, fig.16, Paratype.
- MM5979. *Costatoria chegarperahensis* Kobayashi and Tamura, p.100, pl.13, fig.17, Paratype.
- MM5980. *Costatoria chegarperahensis* Kobayashi and Tamura, p.100, pl.13, fig.18, Paratype.
- MM5981. *Costatoria chegarperahensis* Kobayashi and Tamura, p.100, pl.13, fig.19, Paratype.
- MM5982. *Costatoria chegarperahensis* Kobayashi and Tamura, p.100, pl.13, fig.20, Paratype.
- MM5983. *Costatoria chegarperahensis* Kobayashi and Tamura, p.100, pl.13, fig.21, Paratype.
- MM5984. *Costatoria chegarperahensis* Kobayashi and Tamura, p.100, pl.13, figs.22,23,27, Paratype.
- MM5985. *Costatoria chegarperahensis* Kobayashi and Tamura, p.100, pl.13, figs.24,25, Holotype.
- MM5986. *Costatoria chegarperahensis* Kobayashi and Tamura, p.100, pl.13, fig.26, Paratype.
- MM5987.* *Costatoria singapurensis* Kobayashi and Tamura, p.102, pl.13, fig.1, Paratype.
- MM5988.* *Costatoria singapurensis* Kobayashi and Tamura, p.102, pl.13, fig.2, Holotype.
- MM5989.* *Costatoria singapurensis* Kobayashi and Tamura, p.102, pl.13, fig.3, Paratype.
- MM5990.* *Costatoria (?) sp. ex gr. goldfussi* (Zieten), p.103, pl.12, fig.8.
- MM5991. *Elegantinia cf. inflata* (Emmrich), p.105, pl.12, figs.4-7, text-fig.4b.

KOBAYASHI - KON'NO

Kobayashi, T. and Tamura, M. (1968): continued

- MM5992. *Frenguelliella tanourensis* Tamura, p.107, pl.14, fig.13, text-fig. 4c.
- MM5993. *Minetrigonia* (?) sp., p.110, pl.14, figs.9-12.
- MM5994.* *Perugonia lissoni* (Steinmann), p.112, pl.14, figs.1-4.
- MM5995.* *Perugonia* (?) sp., p.113, pl.14, figs.5-8.
- MM5996. [= Pa934a] *Gruenewaldia decussata* Münster, p.129, text-fig.5a,b.

Kon'no, E. (1963): Some Permian plants from Thailand. *Japan. Jour. Geol. Geogr.*, vol.34, nos.2-4, pp.139-159, pl.8.

- PP15947. [= TF329.6A] *Alethopteris thailandica* Kon'no, p.149, pl.8, fig.1, Paratype.
- PP15948. [= TF329.1] *Alethopteris thailandica* Kon'no, p.149, pl.8, fig.2, Paratype.
- PP15949. [= TF329.6A'] *Alethopteris thailandica* Kon'no, p.149, pl.8, fig.3, Paratype.
- PP15950a. [= TF329.7A] *Alethopteris thailandica* Kon'no, p.149, pl.8, fig.4, Holotype.
- PP15950b. [= TF329.7B] *Palaeovittaria parvifolia* Kon'no, p.153, pl.8, fig. 11, Holotype.
- PP15950f. [= TF329.7F] *Taeniopteris* cf. *serrulata* Kawasaki, p.155, pl.8, fig.10.
- PP15950g. [= TF329.7G] *Poacordaites* cf. *phetchabunensis* Kon'no, p.156, pl.8, fig.13.
- PP15950h. [= TF329.7H] *Poacordaites phetchabunensis* Kon'no, p.156, pl.8, figs.14,15, Syntype.
- PP15950l. [= TF329.7I] *Poacordaites phetchabunensis* Kon'no, p.156, pl.8, fig.16, Syntype.
- PP15951. [= TF329.2] *Glossopteris* cf. *angustifoldia* Brongniart, p.152, pl.8, fig.12.
- PP15952. [= TF329.7J] *Taeniopteris hallei* Kawasaki, p.155, pl.8, fig.7.
- PP15953. [= TF329.7J'] *Taeniopteris hallei* Kawasaki, p.155, pl.8, fig.8.
- PP15954. [= TF329.5] *Taeniopteris hallei* Kawasaki, p.155, pl.8, fig.9.
- PP15955a. [= TF329.11] *Sphenophyllum trapaefolium* Stockmans and Mathieu, p.148, pl.8, fig.5. (missing)
- PP15955b. [= TF329.10] *Bowmanites* sp., p.148, pl.8, fig.6. (missing)

KOSAKA - KUROSAWA - MAKIYAMA

Kosaka, K. (1981): Finding of Neogene fossils on the Sambagawa terrain to the east of Shimonita Town, Gunma Prefecture. *Proc. Inst. Nat. Sci. (Applied Earth Sciences)*, no.16, pp.13-15, Nihon University.

The following specimens, which were mentioned but not illustrated in this paper, are preserved in this museum.

Lucinoma cf. *hannibali* (Clark): CM7247, CM7248, CM7249.

Kurosawa, M. (1939): Cretaceous fossils from south Sachalin. *Res. Rept. Natural Monuments*, pp.1-80, figs.1-39. [see also Kawada (1934)]

- MM6308. *Turrilites (Helicoceras ?) venustus* Yabe, p.50, fig.13.
MM6310. *Hamites* cfr. *armatum* Sowerby, p.52, fig.14.
MM6311. *Hamites (Anisoceras) subcompresus* Forbes, p.52, fig.16.
MM6314. *Parapachydiscus yezoensis* Yokoyama, p.62, fig.27. (missing)
MM7666. *Nipponites mirabilis* Yabe var. *sachalinensis* Kawada, p.50, fig.12, Holotype.
MM7670. *Hamites (Polyptychoceras) sp.*, p.52, fig.17.
MM7671. *Hamites indicus* Forbes, p.52, fig.18.
MM7672. *Hamites* cfr. *armatum* Sowerby, p.52, fig.15.
MM7683. *Parapachydiscus (Menuites) menu* Forbes, p.65, fig.28.
MM7695. *Puzosia planilatiforme* Jimbo, p.71, fig.34.
MM7697. *Kossmaticeras ishikawai* Jimbo, p.71, fig.36.

Makiyama, J. (1960): Matajiro Yokoyama's Tertiary fossils from various localities in Japan. Part IV. *Palaeontological Society of Japan, Special Papers*, no.6, pp.1-15, pls.87-119.

This is a taxonomic revision of the specimens illustrated in Yokoyama (1928c, 1929c, 1932b).

- CM24680. *Pecten kagamianus* Yokoyama, pl.109, fig.1.
CM24683. *Pecten kagamianus* Yokoyama, pl.109, fig.2.
CM25409. *Liloa incisula* (Yokoyama), pl.105, fig.1, Syntype.
CM25419. *Purpura (Thais) pseudodiadema* (Yokoyama), pl.105, fig.5, Syntype.
CM25432. *Cingula subdharma* (Yokoyama), pl.105, fig.2, Holotype. (missing)
CM25437. *Uberella yokoyamai* Kuroda and Habe, pl.105, fig.3.
CM25448. *Diodora sieboldii* (Reeve), pl.105, fig.4.

MAKIYAMA

Makiyama, J. (1960): continued

- CM25458. *Azorinus abbreviatus* (Gould), pl.105, fig.12. (missing)
- CM25459. *Semele cardiformis* (Holten), pl.106, fig.3.
- CM25461. *Arcopagia (Quadrans) spinosa* (Hanley), pl.105, fig.6.
- CM25462. *Arcopagia (Quadrans) spinosa* (Hanley), pl.105, fig.7.
- CM25466. *Petricola japonica* Dunker, pl.105, fig.14.
- CM25467. *Petricola japonica* Dunker, pl.105, fig.15.
- CM25469. *Pitar limatula* (Sowerby), pl.105, fig.10.
- CM25470. *Pitar limatula* (Sowerby), pl.105, fig.11.
- CM25473. *Circe stutzeri* (Donovan), pl.106, fig.2. (missing)
- CM25474. *Gastrarium divaricatum* (Gmelin), pl.106, fig.1.
- CM25478. *Kellia notoensis* Yokoyama, pl.105, fig.13, Holotype.
- CM25485. *Cardita leana* Dunker, pl.105, fig.8.
- CM25486. *Cardita leana* Dunker, pl.105, fig.9.
- CM25500. *Barbatia obtusoides* Nyst, pl.106, fig.4.
- CM25502. *Sanguinolaria adamsii* (Reeve), pl.107, fig.1. (missing)
- CM25503. *Sanguinolaria adamsii* (Reeve), pl.107, fig.2. (missing)
- CM25504. *Pecten kagamianus* Yokoyama, pl.108, fig.1.
- CM25505. *Pecten kagamianus* Yokoyama, pl.108, fig.2.
- CM25506. *Chlamys notoensis* (Yokoyama), pl.110, fig.1, Syntype.
- CM25507. *Chlamys notoensis* (Yokoyama), pl.110, fig.2, Syntype.
- CM25508. *Chlamys notoensis* (Yokoyama), pl.110, fig.3, Syntype.
- CM25509. *Chlamys notoensis* (Yokoyama), pl.110, fig.4, Syntype.
- CM25510. *Chlamys notoensis* (Yokoyama), pl.111, fig.1, Syntype.
- CM25511. *Chlamys notoensis* (Yokoyama), pl.111, fig.2, Syntype.
- CM25512. *Chlamys notoensis* (Yokoyama), pl.112, fig.1, Syntype.
- CM25513. *Chlamys notoensis* (Yokoyama), pl.112, fig.2, Syntype.
- CM25519. *Chlamys hastata ingeniosa* Yokoyama, pl.113, fig.2, Holotype.
- CM25520. *Chlamys crassivenia* Yokoyama, pl.113, fig.1, Holotype.
- CM25521. *Chlamys protomollita* Nomura, pl.112, fig.3.
- CM25522. *Chlamys protomollita* Nomura, pl.112, fig.4.
- CM26960. *Buccinum graciale morchianum* (Dunker), pl.119, fig.2.
- CM26961. *Buccinum graciale morchianum* (Dunker), pl.119, fig.1.
- CM27017. *Hyalopecten tairanus* (Yokoyama), pl.117, fig.1, la.

MASUTOMI

Masutomi, K. and Hamada, T. (1966): Fossils in colour. 268pp., 96pls., Hoikusha, Osaka.

- PA1841.* *Damesella paronai* (Airaghi), p.10, pl.5, fig.2. [see also Kobayashi (1941c)]
- PM1849. *Armenoceras coulingi* Grabau, p.18, pl.9, fig.1. [see also Kobayashi (1941e)]
- MM4301. *Trigonia sumiyagura* Kobayashi and Kaseno, p.86, pl.43, fig.3, Holotype. [see also Kobayashi and Kaseno (1947)]
- MM5103. *Oxytoma zitteli* (Teller), p.75, pl.38, fig.2. [see also Kobayashi and Ichikawa (1950b)]
- PC5708. *Squameofavosites* sp., p.42, pl.21, fig.4. [see also Hamada (1961)]
- CV6003. *Palaeoloxodon naumanni* (Makiyama), p.183, pl.92, fig.4. [see also Tokunaga (1906)]
- CV6007. *Parastegodon akashiensis* Takai, p.183, pl.92, fig.3, Holotype. [see also Takai (1936a)]
- CV6028. *Protitanotherium koreanicum* Takai, p.151, pl.76, fig.5R, Paratype. [see also Takai (1939a)]
- CV6028. *Protitanotherium koreanicum* Takai, p.151, pl.76, fig.4R, Paratype. [see also Takai (1939a)]
- ME6945. *Isocrinus* sp., p.143, pl.72, fig.4.
- MP7190. *Ctenis kaneharai* Yokoyama, p.115, pl.58, fig.1, Holotype. [see also Yokoyama (1906)]
- PA7280. *Coronocephalus kobayashii* Hamada, p.26, pl.13, fig.2, Holotype. [see also Hamada (1959c)]
- PA7443. *Phacops nonakai* Okubo, p.42, pl.21, fig.2, Holotype. [see also Okubo (1956)]
- PV7477. *Helicopriion bessonowi* Karpinsky, p.74, pl.37, fig.2. [see also Yabe (1903a)]
- MA7970. *Linuparus japonicus* Nagao, p.135, pl.68, fig.3. [see also Sasai (1936)]
- CV8207. *Stegodon orientalis* Owen, p.190, pl.95, fig.1. [see also Tokunaga and Iizuka (1930)]
- CM8493. *Obinautilus pulchra* Kobayashi, p.154, pl.77, fig.1, Holotype. [see also Kobayashi (1954)]
- CM10015. *Arca rustica* Tuomey and Holmes, p.155, pl.78, fig.3.
- CM10018. *Navicula wagneriana* Hall, p.155, pl.78, fig.4a-c.
- CM10070. *Cancellaria conradiana* Dall, p.158, pl.79, fig.3.
- CM10212. *Struthiolaria (Struthiolaria) papulosa* (Mattyn), p.157, text-fig.; p.158, pl.79, fig.2.
- CM10217. *Aethocila nodosa* (Martyn), p.158, pl.79, fig.1.

MASUTOMI

Masutomi, K. and Hamada, T. (1966): continued

- CM10514. *Ecphora quadricostata* (Say), p.146, pl.73, fig.8.
- CM10526. *Dosinia acetabulum* Conrad, p.155, pl.78, fig.2a,b.
- CM10528. *Crassatellites marylandicus* (Conrad), p.155, pl.78, fig.5a,b.
- CM10530. *Pecten (Lyropecten) madisonius* Say, p.155, pl.78, fig.1.
- CM10543. *Terebra juscata* Brocchi, p.146, pl.73, fig.9.
- CV10544. Shark teeth (various kinds), p.159, pl.80, fig.6.
- CM12786. *Antiplanes contraria* (Yokoyama), p.150, pl.75, fig.4. [see also Otuka (1936a)]
- CM13159. *Lamprotula antiqua* Odhner, p.179, pl.90, fig.2. [see also Otuka (1940a)]
- CV13804. *Izuus nakamurai* Tokunaga and Saito, p.162, pl.81, fig.3. [see also Tokunaga and Saito (1938)]
- MM15531. *Tylostoma miyakoense* Nagao, p.143, pl.72, fig.3.
- MM15575. *Nododelphinura elegans* Nagao, p.143, pl.72, fig.2.
- MM15662. *Pseudomelania elegantula* Nagao, p.143, pl.72, fig.1.
- RB17209. [= Pa517] *Lingula anatina* Lamarck, p.2, pl.1, fig.1.
- RM17210. *Neotrigonia lamarcki* Gray, p.2, pl.1, fig.2. (missing)
- MM17211. [= M1095a] "Nautilus clementinus", p.3, pl.2, fig.1L.
- MM17212. [= M1084] "Nautilus clementinus", p.3, pl.2, fig.1R.
- PB17213. [= Pa516h] *Lingulella cuneata* Hall, p.3, pl.2, fig.3.
- PB17214. [= Pa523] *Orbiculoides newberryi* Hall, p.3, pl.2, fig.4; p.35, pl.18, fig.7.
- RB17215. [= Pa520] *Discinisca laevis* (Broc.), p.3, pl.2, fig.5.
- MM17216. [= Pa937] *Myophorella bronni* (Agassiz), p.3, pl.2, fig.7.
- PA17217. [= Pa1980] *Ptychoparia striatus* (Emmrich), p.11, pl.6, fig.1.
- PA17218. [= P.9] *Agnostus pisiformis* (Wahlenberg), p.11, pl.6, fig.2.
- PW17219. [= P.7] "Oldhamia radiata" Forbes, p.11, pl.6, fig.3.
- PA17220. [= P.17] *Ellipsocephalus hoffi* (Schlotheim), p.11, pl.6, fig.4.
- PA17221. [= Pa1974] *Paradoxides boemicus* Boeck, p.11, pl.6, fig.5.
- PB17222. [= Pa516b] *Dicellomus salteri* (Walcott), p.11, pl.6, fig.6.
- PC17223. [= Pa203a] *Favistella alveolata* (Goldfuss), p.13, text-fig.
- PA17224. [= P.56] *Flexicalymene senaria* (Conrad), p.14, text-fig.
- PA17225. [= Pa1990] *Flexicalymene senaria* (Conrad), p.14, pl.7, fig.1a,b.
- PA17226. [= P.34] *Onnia concentricus*, p.14, pl.7, fig.2.
- PA17227. [= Pa1993d] *Asaphus raniceps* Boeck, p.14, pl.7, fig.3a-c.

MASUTOMI

Masutomi, K. and Hamada, T. (1966): continued

- PB17228. [= Pa560] *Strophomena subtenta* Conrad, p.14, pl.7, fig.4.
PH17229. [= Pa300] *Diplograptus pristis* (Hisinger), p.14, pl.7, fig.5.
PA17230. [= Pa1993c] *Asaphus raniceps* Boeck, p.15, pl.8, fig.3.
PB17231. *Hebertella sinuata* (Hall), p.15, pl.8, fig.4a. (missing)
PB17232. *Hebertella sinuata* (Hall), p.15, pl.8, fig.4b. (missing)
PB17233. *Plaesiomys* (*Plaesiomys*) *subquadrata* (Hall), p.15, pl.8, fig.5a. (missing)
PB17234. *Plaesiomys* (*Plaesiomys*) *subquadrata* (Hall), p.15, pl.8, fig.5b. (missing)
PC17235. [= Pa219a] *Acervularia ananas* (Linné), p.19, pl.10, fig.1.
PC17236. [= Pa194b] *Heliolites interstinctus* Linné, p.19, pl.10, fig.2.
PM17237. [= P.240] "Cyrtoceras" *depressum* Goldfuss, p.19, pl.10, fig.3a,b.
PM17238. [= Pa1676a] "Endoceras" *vaginatum* (Schlotheim), p.19, pl.10, fig.4.
PH17239. [= Pa299i] *Climacograptus scalaris* (Hisinger), p.19, pl.10, fig.5.
PH17240. [= Pa297a] *Monograptus* (*Spirograptus*) *tyrriculatus* Barrande, p.19, pl.10, fig.6.
PH17241. [= Pa299n] *Retiolites geinitzianus* Barrande, p.19, pl.10, fig.7.
PB17242. [= Pa699] *Conchidium knighti* (Sowerby), p.22, pl.11, fig.1.
PB17243. [= Pa1009b] *Cardiola interrupta* Sowerby, p.22, pl.11, fig.2.
PC17244. *Conularia pyramidata* Deslongchamps, p.22, pl.11, fig.3. (missing)
PB17245. [= Pa696] *Gypidula galeata* (Dalman), p.22, pl.11, fig.4.
PE17246. [= Pa301] *Gyathocrinites rugosus* (Hisinger), p.22, pl.11, fig.5.
PM17247. [= Pa1244] *Platyceras anguis* (Barrande), p.22, pl.11, fig.6.
PB17248. [= Pa698] *Pentamerus laevis* Sowerby, p.22, pl.11, fig.7.
PC17249. [= Pa190c] *Syringopora fascicularis* Linné, p.23, pl.12, fig.1.
PC17250. [= Pa228] *Favosites niagarensis* Hall, p.23, pl.12, fig.2.
PC17251. [= Pa196] *Porpites porpita* (Linné), p.23, pl.12, fig.5.
PC17252. *Omphyma subturbinata* M. Edwards and Haime, p.23, pl.12, fig.6. (missing)
PA17253. [= Pa2079a] *Eurypterus remipes* De Kay, p.26, pl.13, fig.1.
PH17254. [= Pa299b] *Phyllograptus typus* Hall, p.26, pl.13, fig.3.
PH17255. [= Pa299a] *Didymograptus gensinus* M'Coy, p.26, pl.13, fig.4.
PB17256. [= Pa643] *Rhynchotreta cuneata* (Dalman), p.26, pl.13, fig.5a,b.

MASUTOMI

Masutomi, K. and Hamada, T. (1966):

- PB17257. [= Pa543] *Mendacella ? hybrida* (Sowerby), p.26, pl.13, fig.6a,b.
- PA17258. [= P.135] *Dalmanites caudatus* (Brunnich), p.27, pl.14, figs.1,2.
- PA17259. [= P.91] *Calymene blumenbachi* Brongniart, p.27, pl.14, fig.3.
- PA17260. [= Pa2040] *Aulacopleura (Aulacopleura) konincki konincki* (Barrande), p.27, pl.14, fig.4.
- PA17261. [= Pa2036] *Miraspis mira* (Barrande), p.27, pl.14, fig.5.
- PC17262. [= Pa293] *Stromatopora concentrica* Goldfuss, p.30, text-fig.
- PC17263. [= P.289] *Pleurodictyum problematicum* Goldfuss, p.30, pl.15, fig.2.
- PB17264. [= Pa223] "*Ceriopora*" *verrucosa* Goldfuss, p.30, pl.15, fig.3.
- PC17265. [= P.385] *Phacellophyllum caespitosum* (Goldfuss), p.30, pl.15, fig.4.
- PC17266. [= P.356] *Aulopora repens* M. Edwards and Haime, p.30, pl.15, fig.5.
- PC17267. [= Pa207] *Hexagonaria hexagona* (Goldfuss), p.30, pl.15, fig.6.
- PC17268. [= Pa209a] *Heliophyllum helianthoides* (Goldfuss), p.30, pl.15, fig.7.
- PC17269. [= P.291] *Phillipsastrea coronata* (M. Edwards and Haime), p.31, pl.16, fig.1.
- PC17270. [= P.286] *Stromatopora concentrica* Goldfuss, p.31, pl.16, fig.2.
- PC17271. [= P.287] *Thamnopora cervicornis* (de Blainville), p.31, pl.16, fig.3.
- PS17272. *Hydnoceras bathense* Hall and Clarke, p.31, pl.16, fig.4.(missing)
- PC17273. [= P.360] *Calceola sandalina* Lamarck, p.31, pl.16, fig.5a.
- PC17274. [= P.360] *Calceola sandalina* Lamarck, p.31, pl.16, fig.5b.
- PC17275. [= Pa227c] *Calceola sandalina* Lamarck, p.31, pl.16, fig.5c.
- PC17276. [= Pa227] *Calceola sandalina* Lamarck, p.31, pl.16, fig.5d.
- PB17277. [= P.478] *Mucrospirifer thedfordensis* Shimer and Grabau, p.34, pl.17, fig.1a.
- PB17278. [= P.478] *Mucrospirifer thedfordensis* Shimer and Grabau, p.34, pl.17, fig.1b.
- PB17279. *Strophonelloides reversus* (Hall), p.34, pl.17, fig.2a. (missing)
- PB17280. *Strophonelloides reversus* (Hall), p.34, pl.17, fig.2b. (missing)
- PB17281. [= Pa580b] *Cyrtospirifer verneuili* (Murchison), p.34, pl.17, fig.3.
- PB17282. [= Pa572] *Spinocyrtia laevicostatus* (Valenciennes), p.34, pl.17, fig.5a.

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- PB17283. [= Pa572] *Spinocyrtia laevicostatus* (Valenciennes), p.34, pl.17, fig.5b.
- PB17284. [= P.389] *Anatrypa insquamosa* (Schnur), p.35, pl.18, fig.1.
- PB17285. [= Pa625] *Atrypa reticularis* (Linné), p.35, pl.18, fig.21.
- PB17286. *Atrypa reticularis* (Linné), p.35, pl.18, fig.2R. (missing)
- PB17287. [= Pa623a] *Uncites gryphus* (Schlotheim), p.35, pl.18, fig.3.
- PB17288. [= Pa624] *Uncites gryphus* (Schlotheim), p.35, pl.18, fig.4.
- PB17289. [= Pa641b] *Stringocephalus burtini* (Defrance), p.35, pl.18, fig.5.
- PB17290. *Hypothyridina cuboides* (Sowerby), p.35, pl.18, fig.6L. (missing)
- PB17291. *Hypothyridina cuboides* (Sowerby), p.35, pl.18, fig.6R. (missing)
- PE17292. [= Pa322c] *Parisocrinus* sp., p.38, pl.19, fig.1.
- PA17293. [= Pa2003] *Scutellum paliferum* (Barrande), p.38, pl.19, fig.2.
- PA17294. [= Pa2005] *Scutellum umbelliferum* (Barrande), p.38, pl.19, fig.3.
- PV17295.* [= Pa2079c] *Bothriolepis canadense* (Whiteaves), p.38, pl.19, fig.4.
- PV17296. *Mesacanthus michelli* (Egerton), p.38, pl.19, fig.5. (missing)
- PA17297. [= P.380] *Phacops latifrons* (Bronn), p.39, pl.20, fig.1a.
- PA17298. [= P.379] *Phacops latifrons* (Bronn), p.39, pl.20, fig.1b.
- PA17299. [= P.379] *Phacops latifrons* (Bronn), p.39, pl.20, fig.1c.
- PM17300. *Agoniatites* sp., p.39, pl.20, fig.2. (missing)
- PE17301. [= Pa369] *Stephanoura* sp., p.39, pl.20, fig.3.
- PV17302. [= P.556] *Osteolepis macrolepidotus* (Agassiz), p.39, pl.20, fig.4.
- PE17303. [= Pa372a] *Encrinaster (Aspidosoma) tischbeiniana* (Roemer), p.39, text-fig.
- PM17304. [= Pa1010a] *Conocardium hibernicum* Bronn, p.43, pl.22, fig.1.
- PM17305. [= P.497] *Modiomorpha mytiloides* (Conrad), p.43, pl.22, fig.2.
- PP17306. *Leptophloeum rhombicum* Dawson, p.43, pl.22, fig.3 (missing)
- PM17307. *Tentaculites gyracanthus* (Eaton), p.43, pl.22, fig.4. (missing)
- PM17308. [= Pa1700b] *Tronoceras primordialis* (Schlotheim), p.43, pl.22, fig.5.
- PM17309. [= Pa1132e] *Murchisonia angulata* d'Aichbolt and Vernuil, p.43, pl.22, fig.6.
- PM17310. [= Pa991a] *Paracyclus rugosus* (Goldfuss), p.43, pl.22, fig.7.

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- PM17311. [= P.305] *Platyceras (Platystoma) centricosum* (Conrad), p.43, pl.22, fig.8.
- PC17312. [= Pa216] "Lithostrotion" *proliferium* Hall, p.46, pl.23, fig.1a.
- PC17313. [= Pa216] "Lithostrotion" *proliferium* Hall. p.46, pl.23, fig.1b.
- PC17314. [= Pa215a] *Lithostrotion basaliforme* Fleming, p.46, pl.23, fig.3.
- PC17315. [= Pa200] *Zaphrentis* sp., p.46, pl.23, fig.4.
- PC17316. [= Pa204e] *Caninia cylindrica* Soouler, p.46, pl.23, fig.5.
- PF17317. *Triticites ventricosus* (Meek and Hayden), p.50, pl.25, fig.1.
- PC17318. [= Pa201] "Zaphrentis" sp., p.50, pl.25, fig.2.
- PB17319. [= P.531] "Cyrtospirifer cf. *disjunctus* (Sowerby)", p.50, pl.25, fig.4.
- PM17320. [= Pal120] *Worthenia tabulata* (Conrad), p.50, pl.25, fig.5.
- PB17321. [= Pa527a] *Gigantoproductus giganteus* (Sowerby), p.51, pl.26, fig.1.
- PB17322. [= P.638] *Semiplanus latissimus* (Sowerby), p.51, pl.26, fig.2.
- PB17323. [= P.787] "Spirifer" *forbesi*, p.51, pl.26, fig.3.
- PB17324. [= P.965] *Echinaria semipunctata* (Shepard), p.51, pl.26, fig.4.
- PM17325. [= P.1025] *Cymatospira montfortianus* (Norwood and Pratten), p.51, pl.26, fig.5.
- PM17326. [= M817a] *Muenstoceras parallelum* (Hall). p.51, pl.26, fig.6.
- PM17327. [= Pa855] *Pterinopecten (Dunbarella) rectilaterarius* (Cox), p.51, pl.26, fig.7.
- PB17328. [= Pa494] *Archimedes wortheni* (Hall), p.54, pl.27, fig.1.
- PE17329. [= Pa305] *Barycrinus princeps* Miller and Gurley, p.54, pl.27, fig.2.
- PE17330. [= Pa737] *Melonechinus multiporus* (Norwood and Owen), p.54, pl.27, fig.3.
- PE17331. [= Pa356a] *Pentremites godni* (Defrance), p.54, pl.27, fig.4a,b.
- PE17332. [= Pa306a] *Moscovicrinus multiplex* Trautschold, p.54, pl.27, fig.5.
- PP17333. [= P.861] *Odontopteris reichina* Gutenberg, p.55, pl.28, fig.1.
- PP17334. [= Pl.56] *Pecopteris Miltoni* Artis, p.55, pl.28, fig.2.
- PP17335. [= P.929] *Imparipteris decipiens* (Lesquereux), p.55, pl.28, fig.3.
- PP17336. [= P.937] *Callipteris sullivanti* (Lesquereux), p.55, pl.28, fig.4.
- PP17337. *Lepidodendron clypeatum* p.57, text-fig. (missing)

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- PP17338. *Lepidodendron aculeatum* Sternberg, p.58, pl.29, fig.1.
- PP17339. [= Pl.76] *Sigillaria elegans* Sternberg, p.58, pl.29, fig.2.
- PP17340. [= Pl.96] *Lepidodendron ovovatum* Sternberg, p.58, pl.29, fig.4.
- PP17341. [= Pl.103] *Lepidodtrobis variabilis*, p.59, pl.30, fig.2.
- PP17342. [= P.867] *Pecopteris arborescens* Brongniart, p.59, pl.30, fig.3.
- PP17343. *Sigillaria* sp., p.59, text-fig. (missing)
- PM17344. *Platyschisma oculum* (Sowerby), p.62, pl.31, fig.2. (missing)
- PB17345. [= P.1109] *Pterospirifer alatus* (von Schlotheim), p.62, pl.31, fig.3.
- CM17346. *Mesoconularia* sp., p.62, pl.31, fig.4. (missing)
- CM17347. [= P.843] *Mesoconularia newberryi*, p.62, pl.31, fig.5.
- PB17348. *Tomiopsis subradiatus*, p.63, pl.32, fig.2. (missing)
- PB17349. [= Pa535c] *Craspedalosia lamellosa* (Geinitz), p.63, pl.32, fig.4a.
- PB17350. [= Pa535b] *Craspedalosia lamellosa* (Geinitz), p.63, pl.32, fig.4b.
- PP17351. *Glossopteris browniana* (Broniart), p.66, pl.33, fig.1. (missing)
- ME17352. [= M.25] *Encriinus lilliiformis* (Schlotheim), p.75, pl.38, fig.1.
- MP17353. [= M.55] *Equisetum arenaceum* (Jaega), p.75, pl.38, fig.3.
- MM17354. [= Pa1714a] *Ceratites semipartites* von Montfort, p.75, pl.38, fig.4.
- MM17355. [= Pa1714] *Ceratites nodosus* Bruguière, p.75, pl.38, fig.5.
- MM17356. [= M.59a] *Daonella lommeli* Wismann, p.78, pl.39, fig.1.
- MM17357. [= Pa1715b] *Flexoptychites flexuosus* (Mojsisovics), p.78, pl.39, fig.2.
- ME17358. [= Pa335] *Encriinus granulosus* Münster, p.78, pl.39, fig.3.
- MV17359. [= M.117] *Pholidopleurus typus* Bronn, p.79, pl.39, fig.4.
- MA17360. [= M.57] *Tetrachela raibiana* Bronn, p.78, pl.39, fig.5.
- MA17361. [= Pa1958] *Euestheria minuta* (Zieten), p.78, pl.39, fig.6.
- ME17362. [= Pa376e] *Cidaris dorsata* Braun, p.79, pl.40, fig.3.
- ME17363. [= Pa376h] *Cidaris scrobiculata* Münster, p.79, pl.40, fig.4.
- ME17364. [= Pa376i] *Cidaris alata* Agassiz, p.79, pl.40, fig.5.
- ME17365. [= Pa376j] *Cidaris roemeri* Wismann, p.79, pl.40, fig.6.
- ME17366. [= Pa376o] *Cidaris flexuosa* Münster, p.79, pl.40, fig.7.
- MM17367. [= M.74] *Cladiscites tornatus* (Bronn), p.82, pl.41, fig.1.
- MM17368. [= M.72] *Megaphyllites jarbas* (Münster), p.82, pl.41, fig.2a.

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- MM17369. [= M.72] *Megaphyllites jarbas* (Münster), p.82, pl.41, fig.2b.
- MB17370. *Spiriferina pinguis* (Zieten), p.83, pl.42, fig.1. (missing)
- MB17371. [= M.445] *Epithyris maxillata* (Sowerby), p.83, pl.42, fig.2.
- MB17372. [= M.808] *Pygope diphya* Buch, p.83, pl.42, fig.3.
- MB17373. [= Pa642a] *Russirhynchia fischeri* (Rouilier), p.83, pl.42, fig.4.
- ME17374. [= Pa439] *Clypeus ploti* Klein, p.83, pl.42, fig.5.
- MA17375. [= Pa2061] *Eryma modestiformis* Schlotheim, p.83, pl.42, fig.6.
- MM17376. [= M.302] *Scaphotrigonia navis* (Lamarck), p.86, pl.43, fig.1a,b.
- MM17377. [= M.594] *Trigonia reticulata* Agassiz, p.86, pl.43, fig.2.
- MM17378. [= Pa942] *Myophorella* (*Myophorella*) *irregularis* (Seebach), p.87, pl.44, fig.4.
- MM17379. [= Pa938] *Myophorella* (*Myophorella*) *clavellata* (Parkinson), p.87, pl.44, fig.5a.
- MM17380. [= Pa938] *Myophorella* (*Myophorella*) *clavellata* (Parkinson), p.87, pl.44, fig.5b.
- MM17381. [= M.675] *Plicatula tubifera* (Lamarck), p.90, pl.45, fig.1.
- MM17382. [= Pa915] "Cucullaea harpax", p.90, pl.45, fig.3a.
- MM17383. [= Pa915] "Cucullaea harpax", p.90, pl.45, fig.3b.
- MM17384. [= Pa808] *Plicatula spinosa* Sowerby, p.90, pl.45, fig.4.
- MM17385. [= Pa791] *Gryphaea arcuata* Lamarck, p.90, pl.45, fig.5.
- MM17386. *Gryphaea dilatata* (Sowerby), p.90, pl.45, fig.6a. (missing)
- MM17387. [= M.577] *Gryphaea dilatata* (Sowerby), p.90, pl.45, fig.6b.
- MM17388. [= M.368] *Lopha marshii* (Sowerby), p.90, pl.45, fig.7.
- MM17389. [= M.178] *Pholadomya glabra* Quenstedt, p.91, pl.46, fig.1.
- MM17390. [= M.477] *Limatula gibbosa* (Sowerby), p.91, pl.46, fig.2.
- MM17391. [= Pa783] *Lopha marshii* (Sowerby), p.91, pl.46, fig.3.
- MM17392. [= Pa858] *Oxytoma* (*Palmoxytoma*) *cygnipes* (Young and Bird), p.91, pl.46, fig.4.
- MM17393. [= Pa951] *Praeconia tetragona* (Terquem), p.91, pl.46, fig.5.
- MM17394. [= Pa892] *Inoperna plicatus* (Sowerby), p.91, pl.46, fig.6.
- MM17395. [= M.521] *Goniomya literata* (Sowerby), p.91, pl.46, fig.7.
- MV17396. [= M.197] *Pholidophorus bechei* Agassiz, p.94, pl.47, fig.1.
- MM17397. [= Pa1923] *Belemnoteuthis antiqua* Pearce, p.94, pl.47, fig.2.
- ME17398. [= Pa349] *Pentacrinites basaltiformis* (Miller), p.94, pl.47, fig.3.

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- MA17399. [= Pa208] *Pycnophlebia speciosa* Germar, p.94, pl.47, fig.4.
- MM17400. "Perisphinctes" sp., p.95, pl.48, fig.1a,b. (missing)
- MM17401. [= Pa1773] *Hildoceras bifrons* (Bruguière), p.95, pl.48, fig.2a,b.
- MM17402. [= Pa1818] *Dactylioceras* (*Dactylioceras*) *commune* (Sowerby), p.98, pl.49, fig.1.
- MM17403. [= Pa1761] *Asteroceras costatum* (Schlotheim), p.98, pl.49, fig.3.
- MM17404. [= M.325] *Pleydellia aalensis* Silten, p.98, pl.49, fig.4.
- MM17405. *Oxynoticeras oxynotum* (Quenstedt), p.98, pl.49, fig.5. (missing)
- MM17406. [= M.727d] *Craspedites subditus* Trautsch, p.98, pl.49, fig.6.
- MM17407. [= Pa1730] *Phylloceras heterophyllum* (Sowerby), p.98, pl.49, fig.7.
- MM17408. [= Pa1829e] *Cadoceras elatniae* Nikitin, p.98, pl.49, fig.8.
- MM17409. [= Pa1830] *Virgatites virgatus* (von Buch), p.98, pl.49, fig.9.
- MM17410. [= M.546] *Pleurotomaria constricta* Deslongchamps, p.99, pl.50, fig.1.
- MM17411. [= M.547] *Purpuroides moreausia* (Buvignier), p.99, pl.50, fig.2.
- MM17412. [= Pa1308] *Eucychus athis* (d'Orbigny), p.99, pl.50, fig.3.
- MM17413. [= Pa1318] *Chemnitzia luneata* Sowerby, p.99, pl.50, fig.4.
- MM17414. [= Pa1759] *Arietites stellaris* Sowerby, p.99, pl.50, fig.5.
- MM17415. *Hecticoceras* (*Zieteniceras*) sp., p.99, pl.50, fig.7. (missing)
- MM17416. [= Pa1816a] *Prodactylioceras bollense*, p.102, pl.51, fig.1.
- MM17417. [= M.557] *Oppelia* (*Oppelia*) *subradiata* (Sowerby), p.102, pl.51, fig.3.
- MM17418. [= Pa1763a] *Vermiceras spiratissimum* (Quenstedt), p.102, pl.51, fig.4.
- MM17419. [= Pa1883a] *Salpingoteuthis acuarius* (Quenstedt), p.102, pl.51, fig.5.
- MM17420. [= Pa1870] *Lamellaptychus lamellosus* (Parkinson), p.102, pl.51, fig.6.
- MM17421. *Pleuroceras spinatum* (Bruguière), p.102, pl.51, fig.7. (missing)
- MV17422. [= M.202] "Plesiosaurus" sp., p.106, pl.53, fig.2.
- ME17423. [= Pa343] *Mittericrinus aculeatus* d'Orbigny, p.106, pl.53, fig.3.
- MV17424. *Leptolepis spratiformis* (Agassiz), p.106, pl.53, fig.5. (missing)
- MM17425. *Oppelia lithographica* (Oppel), p.106, pl.53, fig.6. (missing)
- ME17426. [= Pa347c] *Antedon pinnata* Goldfuss, p.107, pl.54, fig.1.
- ME17427.* [= Pa370b] *Ophiura speciosa* Münster, p.107, pl.54, fig.2.

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- MV17428.* [= Pa2087] *Tygolampis gigantea* Motr, p.110, pl.55, fig.1.
- MV17429.* [= M.777] *Pterodactylus longirostris* Cuvier, p.110, pl.55, fig.2.
- MV17430.* [= M.782] *Homaeosaurus maximiliani* Meyer, p.110, pl.55, fig.3.
- MA17431. [= Pa2056a] *Eryon arctiformis* Schlotheim, p.110, pl.55, fig.4.
- MW17432. [= M.732a] *Lumbricaria intestinum* Münster, p.110, pl.55, fig.5.
- MA17433. [= Pa2053] *Peneus speciosa* Münster, p.111, pl.56, fig.1.
- MA17434. [= Pa2054] *Aeger insignis* Oppel, p.111, pl.56, fig.2.
- MM17435. [= Pa1875a] *Plesioteuthis prisca* Ruppel, p.111, pl.56, fig.3.
- MA17436. [= Pa2084] *Aechna gigantea* Germer, p.111, pl.56, fig.4.
- MB17437a. [= Pa721b] *Sphaeroidothyris globisphaeroides* (Buckman), p.114, pl.57, fig.3L.
- MB17437b. [= Pa721b] *Sphaeroidothyris globisphaeroides* (Buckman), p.114, pl.57, fig.3R.
- MC17438. [= Pa262] *Acrosmlia laemanni* (E.d.From.), p.114, pl.57, fig.4a.
- MC17439. [= Pa262] *Acrosmlia laemanni* (E.d.From.), p.114, pl.57, fig.4b.
- MC17440. [= Pa174] *Pachyteichisma lamellosa* Quensredt, p.114, pl.57, fig.5.
- MC17441. [= Pa267a] *Thecosmlia trichotoma* (Goldfuss), p.114, pl.57, fig.6a.
- MC17442. [= Pa267] *Thecosmlia trichotoma* (Goldfuss), p.114, pl.57, fig.6b.
- MP17443. *Cladophlebis lobifolia* Philipps, p.115, pl.58, fig.2. (missing)
- MS17444. [= Pa160] *Chenendopora fungiformis* Lamoroux, p.118, pl.59, fig.1.
- MC17445. [= Pa249b] *Thamnasteria procera* (Reuss), p.118, pl.59, fig.3.
- MC17446. [= Pa272b] *Diploctenium lunatum* Nichilson, p.118, pl.59, fig.4.
- MC17447. [= Pa247a] *Cyclolites macrostomus* Reuss, p.118, pl.59, fig.5a.
- MC17448. [= Pa247] *Cyclolites macrostomus* Reuss, p.118, pl.59, fig.5b.
- MM17449a. [= Pa840] *Neitheia (Neitheia) quinquecostata* (Sowerby), p.119, pl.60, fig.6L.
- MM17449b. [= Pa840] *Neitheia (Neitheia) quinquecostata* (Sowerby), p.119, pl.60, fig.6R.
- MM17450a. *Exogyra arietina* Roemer, p.122, pl.61, fig.5L. (missing)
- MM17450b. *Exogyra arietina* Roemer, p.122, pl.61, fig.5R. (missing)
- MM17451. *Requienia ammonia* Goldfuss, p.122, pl.61, fig.6. (missing)
- MM17452a. [= Pa771a] *Ceratostreon matheroni* (d'Orbigny), p.122, pl.61, fig.7L.

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- MM17452b. [= Pa771a] *Ceratostreon matheroni* (d'Orbigny), p.122, pl.61, fig.7R.
- MM17453. [= M.1141] "*Aequipecten*" *beaveri* (Sowerby), p.123, pl.62, fig.1.
- MM17454. [= M.1057] *Lopha macroptera* (Sowerby), p.123, pl.62, fig.2.
- MM17455. [= Pa785] *Arctostrea carinata* (Lamarck), p.123, pl.62, fig.3a,b.
- MM17456. *Pterotrigonia* sp., p.123, pl.62, fig.4a-c. (missing)
- MM17457. *Paraturbo* ? *zapotillanensis* (Aguilera), p.126, pl.63, fig.1. (missing)
- MM17458. [= Pa983] *Hippurites sulcatus* Defrance, p.126, pl.63, fig.2.
- MB17459.* [= Pa868a] *Pygites diphyoides* (d'Orbigny), p.126, pl.63, fig.3.
- MM17460. [= Pa1227d] *Glaucania kefersteini* (Goldfuss), p.126, pl.63, fig.4.
- MM17461. [= Pa869] *Gervillella sublanceolata* (d'Orbigny), p.126, pl.63, fig.5.
- MM17462. [= Pa878a] *Inoceramus polyplocus* Roemer, p.126, pl.63, fig.6.
- MM17463. [= Pa879a] *Inoceramus balticus* Bohm, p.126, pl.63, fig.7.
- MM17464. [= Pa1350] *Plesiptygmatis buchi* (Zekli), p.127, pl.64, fig.1.
- MM17465. [= Pa1868b] *Acanthoscaphites nodosus* (Jay), p.130, pl.65, fig.1a.
- MM17466. [= M.1293] *Baculites compressus* Say, p.130, pl.65, fig.3.
- MM17467. [= M.1093] *Turrilites bergeri* Brongniart, p.130, pl.65, fig.4.
- MM17468. [= M.1088] *Schloenbachia "varians"* (Sowerby), p.130, pl.65, fig.6.
- MM17469. [= M.1030] *Douvilleiceras mammillatum* (Schlotheim), p.131, pl.66, fig.3.
- MA17470. [= Pa2066] *Callianassa faiyasi* Desm., p.134, pl.67, fig.2.
- MV17471. [= M.951] *Hydrotherosaurus* sp., p.134, pl.67, fig.4.
- ME17472. *Echinocorys scutatus* Lischke, p.134, pl.67, fig.5. (missing)
- MV17473.* *Chirotherium barthi* Kaup, p.134, pl.67, fig.6.
- MC17474. [= Pa274a] *Phyllosmiila didymorphia* (Felix), p.135, pl.68, fig.5.
- MB17475a. [= Pa656a] *Cyclothyris vespertilio* (d'Orbigny), p.135, pl.68, fig.6L.
- MB17475b. [= Pa656a] *Cyclothyris vespertilio* (d'Orbigny), p.135, pl.68, fig.6R.
- ME17476. [= Pa393] *Peltastes umbrella* Agassiz, p.138, pl.69, fig.3.
- ME17477. *Ananchytes ovatus* Leske, p.138, pl.69, fig.5. (missing)
- MV17478. [= M.1305] *Scombroclupea macrophtalma* (Heckel), p.138, pl.69, fig.6.

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Masutomi, K. and Hamada, T. (1966): continued

- MP17479. [= Pl.130] *Sassafras cretaceum*, p.139, pl.70, fig.3.
- CM17480a. [= C.375] *Typhis pungens* (Solander), p.146, pl.73, fig.2L.
- CM17480b. [= C.375] *Typhis pungens* (Solander), p.146, pl.73, fig.2R.
- CF17481. [= Pa139] *Camerina laevigata* (Lamarck), p.147, pl.74, fig.1.
- CF17482. [= Pa151a] *Orbitolites lenticularis* Blumenbach, p.147, pl.74, fig.2.
- CA17483. [= Pa2079] *Mizalia rostrata* Koch and Berendt, p.154, pl.77, fig.3.
- CM17484. [= C.133] *Chama substriata* Deshayes, p.158, tex-fig.
- CM17485. [= C.597] *Congerina subglobosa* (Parysch), p.158, pl.79, fig.4.
- CM17486. [= C.905] *Venus plicata* Gmelin, p.158, pl.79, fig.5.
- CM17487. [= C.291] *Serratocerithium serratum* (Brongniart), p.158, pl.79, fig.6.
- CM17488. [= Pa1272] *Ampullina vilconi* (Brongniart), p.158, pl.79, fig.7.
- CM17489. [= C.119] *Venericardia planicosta* (Lamarck), p.158, pl.79, fig.8.
- CV17490. [= C.864] *Carcharodon megalodon* Agassiz, p.159, pl.80, fig.1.
- CV17491. [= C.859] *Striatolamia cuspidata* (Agassiz), p.159, pl.80, fig.7a,b.
- CV17492. [= C.978] *Hemipristis serra* Agassiz, p.159, pl.80, fig.8a.
- CV17493. [= C.863] *Hemipristis serra* Agassiz, p.159, pl.80, fig.8b.
- CV17494. [= C.529] *Myliobatis dixoni* Agassiz, p.159, pl.80, fig.9.
- CV17495. *Iquius nipponicus* Jordan, p.163, pl.82, fig.1.
- CV17496. [= C.866] *Leuciscus tarsiger* Troschel, p.163, pl.82, fig.2.
- CA17497. [= C.33] *Lobocarcinus paulino-wurrttembergensis* Meyer, p.163, pl.82, fig.3.
- CV17498. [= C.536] *Diplocynodon hantoniensis* Wood, p.166, pl.83, fig.1a,b.
- CV17499.* [= C.872] *Andrias tschudii* (von Meyer), p.166, pl.83, fig.2.
- CV17500. [= C.982] *Raia antiqua* Agassiz, p.166, pl.83, fig.3L,R.
- CV17501. [= C.984] *Globicephalus uncidens* (Lankester), p.166, pl.83, fig.4a,b.
- CM17502. [= Pa1527] *Neptunea antiqua contraria* (Matt), p.179, pl.90, fig.3.
- CV17503. *Mammuthus primigenius* (Blumenbach), p.187, pl.94, fig.2.
- PA17504. [= P.133] *Dalmanitina* sp., p.201, text-fig.

MATSUI

Matsui, S. (1985a): Recurrent molluscan associations of the Omma-Manganji fauna in the Gojome-Oga area, northeast Honshu. Part 1. General discussions of fauna and systematic notes on gastropod and scaphopod species. *Trans. Proc. Palaeont. Soc. Japan*, N. S., no.139, pp.149-179, pls.22,23.

- CM16223. *Homalopoma amussitatum* (Gould), p.171, pl.22, fig.1.
CM16224. *Alvania* sp., p.171, pl.22, fig.2.
CM16227. *Microstelma* sp., p.172, pl.22, fig.3.
CM16245. *Turritella (Neohaustator) saishuensis* Yokoyama, p.172, pl.22, fig.6.
CM16247. *Turritella (Neohaustator) saishuensis* Yokoyama, p.172, pl.22, fig.4.
CM16251. *Turritella (Neohaustator) saishuensis* Yokoyama, p.172, pl.22, fig.5.
CM16252. *Turritella (Neohaustator) nipponica* Yokoyama, p.173, pl.22, fig.7.
CM16254. *Bittium binodulosum* Yokoyama, p.173, pl.22, fig.8.
CM16256. *Lunatia pallida* (Broderip and Sowerby), p.173, pl.22, fig.9.
CM16257. *Neverita (Glossaulax) didyma* (Röding), p.173, pl.22, fig.11.
CM16281. *Cryptonatica clausa* (Broderip and Sowerby), p.173, pl.22, fig.10.
CM16289. *Fusitriton oregonensis* (Redfield), p.173, pl.22, fig.12.
CM16291. *Trophonopsis kagaensis* (Hatai and Nishiyama), p.174, pl.22, fig.13.
CM16298. *Boreotrophon xestra* Dall, p.174, pl.22, fig.14.
CM16302. *Buccinum cf. rossicum* Dall, p.174, pl.23, fig.7.
CM16306. *Buccinum cf. rossicum* Dall, p.174, pl.23, fig.1.
CM16308. *Plicifusus ozawai* (Yokoyama), p.174, pl.23, fig.2.
CM16311. *Mohnia cf. yanamii* (Yokoyama), p.174, pl.23, fig.3.
CM16313. *Mohnia cf. yanamii* (Yokoyama), p.174, pl.23, fig.4.
CM16316. *Neptunea intersculpta* (Sowerby), p.175, pl.23, fig.6.
CM16317. *Clinopegma borealis* Tiba, p.175, pl.23, fig.8a,b.
CM16321. *Nassarius (Zeuxis) siquijorensis* (A.Adams), p.175, pl.22, fig.15.
CM16325. *Reticunassa cf. spurca* (Gould), p.175, pl.22, fig.16a,b.
CM16326. *Volutomitra alaskana* Dall, p.175, pl.22, fig.17.
CM16329. *Admete lischkei* (Yokoyama), p.175, pl.22, fig.18a,b.
CM16331. *Elaeocyma (Splendrillia) braunsi* (Yokoyama), p.176, pl.22, fig.19a,b.
CM16333. *Paradrillia cf. dainichiensis* (Yokoyama), p.176, pl.22, fig.20.
CM16337. *Antiplanes contraria* (Yokoyama), p.177, pl.22, fig.21.

MATSUI

Matsui, S. (1985a): continued

- CM16340. *Antiplanes (Rectiplanes) sanctioannis* (Smith), p.177, pl.22, fig.22.
- CM16342. *Suavodrillia* ? sp. A, p.177, pl.22, fig.23.
- CM16343. *Suavodrillia* ? sp. B, p.177, pl.22, fig.24.
- CM16349. *Ophiodermella pseudopannus* (Yokoyama), p.177, pl.22, fig.26.
- CM16355. *Ophiodermella pseudopannus* (Yokoyama), p.177, pl.22, fig.25.
- CM16356. *Oenopota kagana* (Yokoyama), p.178, pl.22, fig.27.
- CM16360. *Propebela candida* (Yokoyama), p.178, pl.22, fig.28.
- CM16369. *Epitonium (Boreoscala) echigorum* Kanehara, p.178, pl.22, fig.29.
- CM16373. *Turbonilla (Ptycheulimella) inscritula* Yokoyama, p.178, pl.22, fig.30.
- CM16376. *Striodentalium rhabdotum* (Pilsbry), p.178, pl.23, fig.9.
- CM16386. *Siphonodentalium* sp. A, p.179, pl.23, fig.10.
- CM16389. *Siphonodentalium* sp. B, p.179, pl.23, fig.11.
- RM16654. *Mohnia* cf. *yanamii* (Yokoyama), p.174, pl.23, fig.5.

The following specimens, though not illustrated, were also preserved in this museum.

Alvania sp.: CM16225

Microstelma sp.: CM16226, CM16228

Turritella (Neohaustator) saishuensis Yokoyama: CM16229, CM16230, CM16231, CM16232, CM16233, CM16234, CM16235, CM16236, CM16237, CM16238, CM16239, CM16240, CM16241, CM16242, CM16243, CM16244, CM16246, CM16248, CM16249, CM16250

Turritella (Neohaustator) nipponica Yokoyama: CM16253

Bittium binodulosum Yokoyama: CM16255

Cryptonatica clausa (Broderip and Sowerby): CM16258, CM16259, CM16260, CM16261, CM16262, CM16263, CM16264, CM16265, CM16266, CM16267, CM16268, CM16269, CM16270, CM16271, CM16272, CM16273, CM16274, CM16275, CM16276, CM16277, CM16278, CM16279, CM16280, CM16282, CM16283, CM16284, CM16285, CM16286, CM16287, CM16288

Trophonopsis kagaensis (Hatai and Nishiyama): CM16290, CM16292, CM16293, CM16294

Boreotrophon xestra Dall: CM16295, CM16296, CM16397, CM16299

Buccinum cf. *rossicum* Dall: CM16300, CM16301, CM16303, CM16304, CM16305

Plicifusus ozawai (Yokoyama): CM16307

Mohnia cf. *yanamii* (Yokoyama): CM16309, CM16310, CM16312, CM16314, RM16655

Matsui, S. (1985a): continued

- Neptunea intersculpta* (Sowerby): CM16315
Clinopegma borealis Tiba: CM16318, CM16319, CM16320
Nassarius (Zeuxis) siquijorensis (A.Adams): CM16322, CM16323
Reticunassa cf. spurca (Gould): CM16324
Volutomitra alaskana Dall: CM16327
Admete lischkei (Yokoyama), CM16328, CM16330
Elaeocyma (Splendrillia) braunsi (Yokoyama): CM16332
Antiplanes contraria (Yokoyama): CM16334, CM16335, CM16336, CM16338,
Antiplanes (Rectiplanes) sanctioannis (Smith): CM16339, CM16341
Suavodrillia ? sp. B: CM16344
Ophiodermella pseudopannus (Yokoyama): CM16345, CM16346, CM16347, CM16348,
CM16350, CM16351, CM16352, CM16353, CM16354
Oenopota kagana (Yokoyama): CM16357
Propebela candida (Yokoyama): CM16358, CM16359, CM16361, CM16362, CM16363,
CM16264, CM16365, CM16366, CM16367
Epitonium (Boreoscala) echigonom Kanehara: CM16368
Turbanilla (Ptycheulimella) inscritula Yokoyama: CM16370, CM16371, CM16372
Striodentalium rhabdotum (Pilsbry): CM16374, CM16375, CM16377
Siphonodentalium sp. A: CM16378, CM16379, CM16380, CM16381, CM16382,
CM16383, CM16384, CM16385, CM16387, CM16388
Siphonodentalium sp. B: CM16390
Buccinum sp.: CM16645, CM16646, CM16647, CM16648, CM16649
Neptunea sp.: CM16650, CM16651, CM16652, CM16653

Matsui, S. (1985b): Recurrent molluscan associations of the Omma-Manganji fauna in the Gojome-Oga area, northeast Honshu, part 2. Systematic notes on bivalve species. *Trans. Proc. Palaeont. Soc. Japan*, N. S., no.140, pp.225-239, pls.31-34.

- CM16391. *Nucula (Leionucula) niponica* Smith, p.225, pl.31, fig.1.
CM16394. *Acila (Acila) divaricata* (Hinds), p.225, pl.31, fig.2.
CM16396. *Acila (Truncacila) nakazimai* Otuka, p.225, pl.31, fig.3.
CM16409. *Acila (Truncacila)* sp., p.225, pl.31, fig.4.
CM16415. *Nuculana sadoensis* (Yokoyama), p.226, pl.31, fig.5.
CM16417. *Nuculana sadoensis* (Yokoyama), p.226, pl.31, fig.6.

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Matsui, S. (1985b): continued

- CM16419. *Nuculana yokoyamai* Kuroda, p.226, pl.31, fig.8.
CM16429. *Nuculana (Robaia) robai* (Kuroda), p.226, pl.31, fig.7.
CM16430. *Saccella (Costanuculana) onoyamai* (Otuka), p.226, pl.31, fig.11.
CM16432. *Saccella (Costanuculana) onoyamai* (Otuka), p.226, pl.31, fig.9.
CM16433. *Saccella (Costanuculana) onoyamai* (Otuka), p.226, pl.31, fig.10.
CM16438. *Portlandia hirosakiensis* Iwai, p.227, pl.31, fig.12.
CM16439. *Portlandia toyamaensis* (Kuroda), p.227, pl.31, fig.13.
CM16440. *Yoldia (Yoldia) kikuchii* Kuroda, p.227, pl.31, fig.15.
CM16444. *Yoldia (Cnesterium) johanni* Dall, p.227, pl.31, fig.16.
CM16457. *Yoldia (Megayoldia) thraciaeformis* (Storer), p.227, pl.31, fig.17.
CM16466. *Acharax tokunagai* (Yokoyama), p.228, pl.31, fig.22.
CM16468. *Anadara amicula* (Yokoyama), p.228, pl.32, fig.1.
CM16469. *Anadara amicula* (Yokoyama), p.228, pl.32, fig.2.
CM16477. *Limopsis tokaiensis* Yokoyama, p.228, pl.32, fig.4a,b.
CM16479. *Limopsis* sp. A, p.162, pl.32, fig.3a,b.
CM16481. *Limopsis* sp. B, p.158, pl.32, fig.5a,b.
CM16484. *Crenulilimopsis oblonga* (A.Adams), p.228, pl.32, fig.6a,b.
CM16485. *Crenulilimopsis oblonga* (A.Adams), p.228, pl.32, fig.7a,b.
CM16488. *Glycymeris derelicta* (Yokoyama), p.228, pl.32, fig.8a,b.
CM16502. *Glycymeris yessoensis* (Sowerby), p.229, pl.32, fig.9a,b.
CM16503. *Solamen spectabilis* (A.Adams), p.229, pl.31, fig.18.
CM16504. *Chlamys islandica* (Müller), p.229, pl.31, fig.20.
CM16506. *Palliolum (Delectopecten) peckhami* (Gabb), p.229, pl.31, fig.19.
CM16509. *Mizuhopecten poculum* (Yokoyama), p.229, pl.31, fig.21.
CM16514. *Lucinoma acutilineata* (Conrad), p.230, pl.32, fig.10.
CM16519. *Thyasira (Thyasira) tokunagai* Kuroda and Habe, p.230, pl.32, fig.11.
CM16525. *Thyasira (Conchocele) bisecta* (Konrad), p.230, pl.32, fig.12.
CM16531. *Axinopsida subquadrata* (A.Adams), p.230, pl.33, fig.1a,b.
CM16534. *Axinopsida subquadrata* (A.Adams), p.230, pl.33, fig.2a,b.
CM16537. *Felaniella usta* (Gould), p.230, pl.33, fig.3.
CM16542. *Cyclocardia aomoriensis* (Chinzei), p.230, pl.33, fig.4a,b.
CM16543. *Cyclocardia aomoriensis* (Chinzei), p.230, pl.33, fig.5.

Matsui, S. (1985b): continued

- CM16545. *Cyclocardia ferruginea* (Clessin), p.231, pl.33, fig.7.
CM16551. *Cyclocardia* sp., p.231, pl.33, fig.8.
CM16552. *Miodontiscus nakamurai* (Yokoyama), p.231, pl.33, fig.6.
CM16556. *Tridonta borealis* Schumacher, p.231, pl.33, fig.9a,b.
CM16568. *Clinocardium chikagawaense* Kotaka, p.231, pl.33, fig.11.
CM16576. *Clinocardium fastosum* (Yokoyama), p.231, pl.33, fig.10a,b.
CM16577. *Fulvia mutica* (Reeve), p.231, pl.33, fig.12.
CM16585. *Macoma calcarea* (Gmelin), p.232, pl.34, fig.2.
CM16606. *Macoma tokyoensis* Makiyama, p.232, pl.34, fig.1.
CM16611. *Dosinia (Phacosoma) japonica* (Reeve), p.232, pl.34, fig.3.
CM16612. *Mercenaria stimpsoni* (Gould), p.232, pl.34, fig.5.
CM16616. *Protothaca (Protocallithaca) adamsi* (Reeve), p.233, pl.34, fig.4.
CM16617. *Mya (Mya) cuneiformis* (Bohm), p.233, pl.34, fig.6a,b.
CM16630. *Pandora (Pandorella) wardiana* A.Adams, p.233, pl.34, fig.10.
CM16633. *Pandora (Pandorella) wardiana* A.Adams, p.233, pl.34, fig.11.
CM16634. *Myadora japonica* Habe, p.233, pl.34, fig.7.
CM16636. *Periploma plane* Ozaki, p.233, pl.34, fig.9.
CM16637. *Periploma cf. besshoensis* (Yokoyama), p.233, pl.34, fig.8.
CM16639. *Thracia kakumana* (Yokoyama), p.233, pl.34, fig.12.
RM16656. *Saccella (Costanuculana) husamaru* (Nomura), p.227, pl.31, fig.14a,b.

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

Nuculana sadoensis (Yokoyama): CM16414, CM16416, CM16417, CM16418

Nuculana yokoyamai Kuroda: CM16420, CM16421, CM16422, CM16423, CM16424

Nuculana (Robaia) robai (Kuroda): CM16425, CM16426, CM16427, CM16428

Saccella (Costanuculana) onoyamai (Otuka): CM16431, CM16434, CM16435

Portlandia hirosakiensis Iwai: CM16436, CM16437

Yoldia (Cnesterium) johanni Dall: CM16441, CM16442, CM16443, CM16445, CM16446, CM16447, CM16448, CM16449, CM16450, CM16451, CM16452, CM16453, CM16454, CM16455

Yoldia (Megayoldia) thraciaeformis (Storer): CM16456, CM16458, CM16459, CM16460, CM16461, CM16462, CM16463, CM16464, CM16465

Anadara amicula (Yokoyama): CM16467, CM16470, CM16471, CM16472, CM16473, CM16474

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Matsui, S. (1985b): continued

Limopsis tokaiensis Yokoyama: CM16475, CM16476, CM16478

Limopsis sp. A: CM16480

Limopsis sp. B: CM16482

Crenulilimopsis oblonga (A.Adams): CM16483, CM16486

Glycymeris derelicta (Yokoyama): CM16487, CM16489, CM16490, CM16491, CM16492, CM16493, CM16494, CM16495, CM16496

Glycymeris yessoensis (Sowerby): CM16497, CM16498, CM16499, CM16500, CM16501

Palliolum (Delectopecten) peckhami (Gabb): CM16505, CM16507

Mizuhopecten poculum (Yokoyama): CM16508, CM16510

Lucinoma acutilineata (Conrad): CM16511, CM16512, CM16513, CM16515, CM16516, CM16517, CM16518

Thyasira (Thyasira) tokunagai Kuroda and Habe: CM16520

Thyasira (Conchocele) bisecta (Conrad): CM16521, CM16522, CM16523, CM16524, CM16526, CM16527, CM16528, CM16529

Axinopsida subquadrata (A.Adams): CM16530, CM16532, CM16533

Felaniella usta (Gould): CM16535, CM16536, CM16538, CM16539, CM16540, CM16541, CM16642

Cyclocardia aomoriensis (Chinzei): CM16544

Cyclocardia ferruginea (Clessin): CM16546, CM16547, CM16548

Cyclocardia sp.: CM16549, CM16550

Tridonta borealis Schumacher: CM16553, CM16554, CM16555, CM16557, CM16558, CM16559

Clinocardium chikagawaense Kotaka: CM16560, CM16561, CM16562, CM16563, CM16564, CM16565, CM16566, CM16567, CM16569, CM16570, CM16571, CM16572, CM16573, CM16574

Clinocardium fastosum (Yokoyama): CM16575

Fulvia mutica (Reeve): CM16578

Macoma calcarea (Gmelin): CM16579, CM16580, CM16581, CM16582, CM16583, CM16584, CM16586, CM16587, CM16588, CM16589, CM16590, CM16591, CM16592, CM16593, CM16594, CM16595, CM16596, CM16597, CM16598, CM16599, CM16600, CM16601, CM16602

Macoma tokyoensis Makiyama: CM16603, CM16604, CM16605, CM16607, CM16608, CM16609, CM16610

Mercenaria stimpsoni (Gould): CM16613

Protobrachia (Protocallithaca) adamsi (Reeve): CM16614, CM16615

Mya (Mya) cuneiformis (Bohm): CM16618, CM16619, CM16620, CM16621, CM16622, CM16623, CM16624, CM16625, CM16626, CM16627, CM16628, CM16629

MATSUI, S. - MATSUMOTO, H. - MATSUMOTO, T.

Matsui, S. (1985b): continued

Pandora (Pandorella) wardiana A.Adams: CM16631, CM16632

Myadroma japonica Habe: CM16635

Periploma cf. besshoensis (Yokoyama): CM16638

Acharax tokunagai (Yokoyama): CM16640

Solamen spectabilis (A.Adams): CM16641

Matsumoto, H. (1915a): On some fossil mammals from Aze-chuan, China. *Sci. Rept. Tohoku Imp. Univ.*, 2nd ser., vol.3, no.1, pp.1-28, pls.1-10.

CV13811. *Hyaena ultima* Matsumoto, p.2, pl.1, figs.1-3, Holotype.

CV13812. *Stegodon orientalis* Owen, p.3, pl.2, figs.1,2.

CV13813. *Stegodon orientalis* Owen, p.3, pl.3, fig3; pl.4, fig.1.

CV13814. *Stegodon sinensis* Owen, p.7, pl.1, figs.4,5.

Matsumoto, H. (1915b): On some fossil mammals from Ho-nan, China. *Sci. Rept. Tohoku Imp. Univ.*, 2nd ser., vol.3, no.1, pp.29-38, pls.11-15.

CV13815. *Elephas aff. primigenius* Blumenbach, p.29, pl.11, figs.1,2.

CV13816. *Equus leptostylus* Matsumoto, p.29, pl.11, figs.3-5, Holotype.

CV13817. *Sus aff. scrofa* Linné, p.31, pl.11, fig.6.

CV13818. *Cervus (Pseudaxis) hortulorum* Swinhoe, p.31, pl.4, figs.1,2.

CV13819. *Elaphurus davidianus* M.-Edwards, p.31, pl.14, fig.3.

CV13820. *Elaphurus davidianus* M.-Edwards, p.31, pl.14, fig.4.

CV13821. *Bos primigenius* Bojanus, p.32 pl.12, figs.1-3.

CV13822. *Bos primigenius* Bojanus, p.32, pl.12, figs.4-6.

CV13823. *Homo* sp., p.34, pl.14, fig.5; pl.15, figs.1-3.

Matsumoto, T. (1978a): Ammonoids from Japan, 7 (Upper Cretaceous Ammonites, 3). *Atlas of Japanese fossils*, no.50-297, 4pp., pl.Cr-50, Tsukiji Shokan Pub. Co. Ltd.

MM5657. *Calycoceras orientale* Matsumoto, Saito et Fukada, p.1Cr-50, fig. la,b, Holotype. [see also Matsumoto, Saito and Fukada (1957)]

MATSUMOTO

Matsumoto, T. (1978b): Ammonoids from Japan, 7 (Upper Cretaceous ammonites, 5). *Atlas of Japanese fossils*, no.50-299, 4pp., pl.Cr-52, Tsukiji Shokan Pub. Co. Ltd.

MM5683. *Fagesia thevestensis* (Peron), pl.Cr-52, fig.1a-c. [see also Matsumoto (1973)]

Matsumoto, T. (1979): Notes on Lewesiceras and Nowakites (Pachydiscid ammonites) from the Cretaceous of Hokkaido. *Trans. Proc. Palaeont. Soc. Japan*, N. S., no.113, pp.30-44, pls.4-7, rect-figs.1-5.

MM5645. *Anapachydiscus decanensis yezoensis* Matsumoto, p.36, pl.7, fig. 1a-d, Holotype. [see also Matsumoto (1955a)]

Matsumoto, T. (1981a): Ammonoids from Japan, 9 (Upper Cretaceous ammonites, 13). *Atlas of Japanese fossils*, no.52-307, 4pp., pl.Cr-64, Tsukiji Shokan Pub. Co. Ltd.

MM6667. *Desmoceras kossmati* Matsumoto, pl.Cr-64, fig.1a,b, Lectotype. [see also Matsumoto (1954a)]

MM6691. *Desmoceras (Pseudouhligella) japonicum* Yabe, pl.Cr-64, fig.4, Paratype. [see also Matsumoto (1954a)]

MM6705. *Desmoceras (Pseudouhligella) ezoanum* Matsumoto, pl.Cr-64, fig. 6a,b, Holotype. [see also Matsumoto (1954a)]

MM6718. *Tragodesmoceroides subcostatus* Matsumoto, pl.Cr-64, fig.7a,b, Holotype. [see also Matsumoto (1954a)]

MM6719. *Tragodesmoceroides subcostatus* Matsumoto, pl.Cr-64, fig.8a,b. [see also Matsumoto (1954a)]

MM6721. *Tragodesmoceroides subcostatus* Matsumoto, pl.Cr-64, fig.3. [see also Matsumoto (1954a)]

MM7574. *Desmoceras (Pseudouhligella) japonicum* Yabe, pl.Cr-64, fig.5, Holotype.

Matsumoto, T. (1981b): Ammonoids from Japan, 9 (Upper Cretaceous ammonites, 14). *Atlas of Japanese fossils*, no.52-308, 4pp., pl.Cr-65, Tsukiji Shokan Pub. Co. Ltd.

MM5552. *Desmophyllites diphyloides* (Forbes), pl.Cr-65, fig.7. [see also Matsumoto and Obata (1955), Obata (1955), Obata (1959)]

MM7500. *Damesites damesi* (Jimbo), pl.cr-65, fig.3a,b, Lectotype. [see also Jimbo (1894), Matsumoto (1954), (1963)]

MATSUMOTO

Matsumoto, T. (1981b): continued

- MM7575. *Hauericeras (Gardeniceras) angustum* Yabe, pl.Cr-65, fig.5a,b,
Paratype. [see also Matsumoto and Obata (1955)]

Matsumoto, T. (1981c): Ammonoids from Japan, 9 (Upper Cretaceous ammonites,
15). *Atlas of Japanese fossils*, no.52-309, 4pp., pl.Cr-66, Tsukiji
Shokan Pub. Co. Ltd.

- MM7499. *Jimboiceras planulatiforme* (Jimbo), pl.Cr-66, fig.3, Lectotype.
[see also Jimbo (1894), Matsumoto (1954b), (1963)]

- MM7507. *Kitchinites (Neopuzosia) ishikawai* (Jimbo), pl.Cr-66, fig.4,
Lectotype. [see also Jimbo (1894), Matsumoto (1954b), (1963)]

Matsumoto, T. (1981d): Ammonoids from Japan, 9 (Upper Cretaceous ammonites,
16). *Atlas of Japanese fossils*, no.52-310, 4pp., pl.Cr-67, Tsukiji
Shokan Pub. Co. Ltd.

- MM6591. *Eogunnarites unicus* (Yabe), pl.Cr-67, fig.3a-c. [see also Wright
and Matsumoto (1954)]

- MM6863. *Marshallites compressus* Matsumoto, pl.Cr-67, fig.1a,b, Holotype.
[see also Matsumoto (1955a)]

- MM6877. *Bomadrasites subnipponicus* Matsumoto, pl.Cr-67, fig.7a,b, Holo-
type. [see also Matsumoto (1955a)]

- MM7517. *Yokoyamaoceras kotoi* (Jimbo), pl.Cr-67, fig.8a-c, Holotype. [see
also Jimbo (1894), Matsumoto (1955a), (1963)]

Matsumoto, T. (1981e): Ammonoids from Japan, 9 (Upper Cretaceous ammonites,
17). *Atlas of Japanese fossils*, no.52-311, 4pp., pl.Cr-68, Tsukiji
Shokan Pub. Co. Ltd.

- MM5630. *Menuites pusillus* Matsumoto, pl.Cr-68, fig.5a,b, Paratype. [see
also Matsumoto (1955b)]

- MM6765. *Anapachydiscus fascicostatus* (Yabe), pl.Cr-68, fig.1a,b, Holotype.
[see also Yabe and Shimizu (1921)]

- MM7498. *Eupachydiscus haradai* (Jimbo), pl.Cr-68, fig.2a,b, Lectotype.
[see also Jimbo (1894), Matsumoto (1954a), (1963)]

- MM7501.* *Anapachydiscus (Neopachydiscus) naumanni* (Yokoyama), pl.Cr-68,
fig.3a,b, Syntype. [The original specimen in Bayerische Staatsam-
mlung für Paläontologie und Historische Geologie, München]

MATSUMOTO

Matsumoto, T. (1981f): Ammonoids from Japan, 9 (Upper Cretaceous ammonites, 18). *Atlas of Japanese fossils*, no.52-312, 4pp., pl.Cr-69, Tsukiji Shokan Pub. Co. Ltd.

MM5626. *Menuites japonicus* Matsumoto, pl.Cr-69, fig.1a-d, Holotype. [see also Matsumoto (1955b)]

MM7650. *Canadoceras kossmati* Matsumoto, pl.Cr-69, fig.2a,b, Holotype. [see also Matsumoto (1954a)]

Matsumoto, T. (1985): Restudy of Crioceras spinigerum Jimbo, a Cretaceous ammonites species. *Proc. Japan Academy*, vol.61, ser.B, no.2, pp.56-59, figs.1,2.

MM7521. *Neocrioceras spinigerum* (Jimbo), p.56, fig.1a,b, Lectotype. [see also Jimbo (1894), Matsumoto (1963)]

MM7522. *Neocrioceras spinigerum* (Jimbo), p.56, fig.2a,b, Paralectotype. [see also Jimbo (1894), Matsumoto (1963)]

Matsumoto, T., Kanie, Y. and Yoshida, S. (1979): Notes on Pachydiscus from Hokkaido. *Mem. Fac. Sci., Kyushu Univ.*, ser.D, Geol., vol.24, no.2, pp.47-73, pls.8-13, text-figs.1-10.

MM6821. *Pachydiscus (Pachydiscus) subcompressus* (s. str.) Matsumoto, p.52, 56, text-fig.5, Holotype. [see also Matsumoto (1954a)]

The following specimen, which were mentioned but not illustrated in this paper, are also preserved in this museum.

Pachydiscus (Pachydiscus) subcompressus obsoletus Matsumoto: MM6998

Matsumoto, T., Miyauchi, T. and Kanie, Y. (1985): Some gaudryceratid ammonites from the Campanian and Maastrichtian of Hokkaido, pt.II. *Sci. Rept. Yokosuka City Mus.*, no.33, pp.19-36, pls.1-5.

MM7492. [= I-117] *Gaudryceras crassicostatum* (Jimbo), p.20, pl.1, figs. 1-3, Holotype. [see also Jimbo (1894)]

MM18140. [= I-3785] *Anagaudryceras matsumotoi* Morozumi, p.27, pl.4, figs. 9,10, Paratype. (missing)

The following specimens, which were mentioned but not illustrated in this paper, are also preserved in this museum.

Anagaudryceras matsumotoi Morozumi: MM18141 [= I-3782], MM18142 [= I-3783]

MATSUMOTO - NODA

Matsumoto, T., Muramoto, T. and Takahashi, T. (1969): Selected acanthoceratids from Hokkaido. *Mem. Fac. Sci., Kyushu Univ.*, ser.D, Geol., vol.19, no.2, pp.251-296, pls.25-38, text-figs.1-9.

The following specimen, which was mentioned but not illustrated in this paper, is preserved in this museum.

Kanabiceras cf. septemseriatum (Cragin): MM5690 [= I-3355]

Matsumoto, T., Takahashi, T., Yamashita, M. and Kawashita, Y. (1986): On *Neocrioceras spinigerum* (Jimbo), a species of Cretaceous heteromorph Ammonoids. *Trans. Proc. Palaeont. Soc. Japan*, N. S., no.143, pp.463-474, pls.93,94.

MM7521. *Neocrioceras spinigerum* (Jimbo), p.463, pl.93, figs.1,2, Lectotype. [see also Jimbo (1894)]

MM7522. *Neocrioceras spinigerum* (Jimbo), p.463, pl.93, figs.3-5, Paralectotype. [see also Jimbo (1894)]

The following specimens, which were mentioned but not illustrated in this paper, are also preserved in this museum.

Neocrioceras spinigerum (Jimbo): MM7640, MM7708, MM18122 [= I-3531], MM18123 [= I-3582]

Noda, M. and Matsumoto, T. (1976a): Mesozoic molluscan fossils of Japan, 4 (Cretaceous *Inoceramus*, 3). *Atlas of Japanese fossils*, no.45-267, 4pp., pl.Cr-33, Tsukiji Shokan Pub. Co. Ltd.

MM6503. *Inoceramus uwajimensis* (Yehara), pl.Cr-33, fig.2. [see also Nagao and Matsumoto (1939)]

Noda, M. and Matsumoto, T. (1976b): Mesozoic molluscan fossils of Japan, 4 (Cretaceous *Inoceramus*, 4). *Atlas of Japanese fossils*, no.45-268, 4pp., pl.Cr-34, Tsukiji Shokan Pub. Co. Ltd.

MM6525. *Inoceramus shikotanensis* Nagao and Matsumoto, pl.Cr-34, fig.6, Syntype. [see also Nagao and Matsumoto (1940)]

OHTA - OINOMIKADO

Ohta, Y. (1976a): Mesozoic molluscan fossils of Japan, 3 (Cretaceous non-marine bivalves, 1). *Atlas of Japanese fossils*, no.44-259, 4pp., pl.Cr-25, Tsukiji Shokan Pub. Co. Ltd.

MM7000. *Nippononaia ryosekiana* Suzuki, pl.Cr-25, figs.19,20, Holotype. [see also Suzuki (1941), Hayami and Ichikawa (1965)]

Ohta, Y. (1976b): Mesozoic molluscan fossils of Japan, 3 (Cretaceous non-marine bivalves, 3). *Atlas of Japanese fossils*, no.44-261, 4pp., pl.Cr-27, Tsukiji Shokan Pub. Co. Ltd.

MM7749. *Pseudasaphis japonicus* Matsumoto, pl.Cr.-27, fig.11, Syntype. [see also Matsumoto (1938a)]

Ohta, Y. (1976c): Mesozoic molluscan fossils of Japan, 3 (Cretaceous non-marine bivalves, 4). *Atlas of Japanese fossils*, no.44-262, 4pp., pl.Cr-28, Tsukiji Shokan Pub. Co. Ltd.

MM3562. *Filosina jusanhamensis* Hayami, pl.Cr-28, figs.11,12, Holotype. [see also Hayami (1960a)]

MM3563. *Filosina jusanhamensis* Hayami, pl.Cr-28, fig.13, Paratype. [ditto]

MM3565. *Filosina jusanhamensis* Hayami, pl.Cr-28, fig.10, Paratype. [ditto]

MM3566. *Filosina jusanhamensis* Hayami, pl.Cr-28, fig.9, Paratype. [ditto]

MM7004. *Tetoria (Tetoria) yokoyamai* (Kobayashi and Suzuki), pl.Cr-28, fig.8a,b, Holotype. [see also Kobayashi and Suzuki (1937), Hayami (1975)]

MM7931. *Plicatounio (Kwanmonia) triangularis* Kobayashi and Suzuki, pl.Cr-28, fig.21, Holotype. [see also Kobayashi and Suzuki (1936)]

MM7932. *Plicatounio (Kwanmonia) triangularis* Kobayashi and Suzuki, pl.Cr-28, fig.20. [ditto]

Oinomikado, T. and Ikebe, N. (1937): The shell beds at Takinokuchi, Chiba Prefecture. *Chikyu-The Globe*, vol.27, no.3, pp.159-172.

The following specimens, though were not described, are preserved in this museum.

Anadara granosa (Linné): CM11572

Anadara (Scapharca) subcrenata (Lischke): CM11573

Glycymeris vestita (Dunker): CM11574

OINOMIKADA

Oinomikado, T. and Ikebe, N. (1937): continued

Glycymeris yessoensis (Sowerby): CM11575

Pecten laqueatus Sowerby: CM11576

Lima (Limaria) basilanica Adams and Reeve: CM11577

Ostrea (Crassostrea) gigas Thunberg: CM11578

Venericardia ferruginea (Clessin): CM11580

Diplodonta usta (Gould): CM11581

Codakia (Pillucina) contraria (Dunker): CM11582

Saxidomus purpuratus (Sowerby): CM11583

Sunetta (Sunettina) menstrualis (Menke): CM11584

Dosinia (Phacosoma) japonica (Reeve): CM11585

Gomphina melanægis Römer: CM11586

Venerupis (Amygdala) variegata (Hanley): CM11587

Macra (Spisula) sachalinensis Schrenck: CM11588

Macra sulcataria Reeve: CM11589

Sanguinolaria (Soletellina) boeddinghausi (Lischke): CM11590

Tellina (Moerella) miyatensis Yokoyama: CM11591

Tellina (Peronidia) lutea venulosa Schrenck: CM11592

Tellina (Arcopagia) delta Yokoyama: CM11593

Panope japonica A.Adams: CM11594

Dentalium octangulatum Donovan: CM11595

Umbonium (Suchium) moniliferum (Lamarck): CM11596

Batillaria multiformis (Lischke): CM11597

Cerithium (Proclava ?) kochi Philippi: CM11598

Leucotina (Actaeopyramis) eximia (Lischke): CM11599

Natica (Neverita) didyma (Bolten): CM11600

Tonna luteostoma (Küster): CM11601

Siphonalia fusoides (Reeve): CM11602

Babylonia japonica (Reeve): CM11603

Nassarius (Hinia) festivus (Powys): CM11604

Nassarius (Hinia) japonicus (A.Adams): CM11605

Fusinus perplexus (A.Adams): CM11606

Echinarachnius mirabilis Agassiz: CE11607

Oji, T. (1985): Early Cretaceous *Isocrinus* from northeast Japan. *Palaeontology*, vol.28, pt.4, pp.629-642, pls.77-79, text-figs.1-4.

- ME6936. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.77, fig.2, Holotype.
- ME6942. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.79, fig.6, Paratype.
- ME6943. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.77, fig.3, Paratype.
- ME6945. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.77, fig.1, Paratype. [see also Masutomi and Hamada (1966)]
- ME6947. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.79, fig.7, Paratype.
- ME6949. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.78, figs.3a-c, 7a,b, Paratype.
- ME6950. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.77, fig.4, Paratype.
- ME6954. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.78, fig.8a,b, Paratype.
- ME6955. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.78, figs.4a,b,5, Paratype.
- ME6956. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.79, figs.1,5, Paratype.
- ME6957. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.79, fig.2, Paratype.
- ME6958. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.79, fig.3, Paratype.
- ME6959. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.79, fig.4, Paratype.
- ME6962. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.78, fig.1a-c, Paratype.
- ME6964. *Isocrinus (Chladocrinus) hanaii* Oji, p.636, pl.78, fig.2a,b, Paratype.
- ME6965. *Isocrinus (Chladocrinus) sp. cf. Isocrinus ? neocomiensis* (Desor), p.640, pl.79, fig.8a,b.
- ME6966. *Isocrinus (Chladocrinus) sp. cf. Isocrinus ? neocomiensis* (Desor), p.640, pl.79, fig.9a,b.
- ME6967. *Isocrinus (Chladocrinus) sp. cf. Isocrinus ? neocomiensis* (Desor), p.640, pl.79, fig.10a,b.
- ME6968. *Isocrinus (Chladocrinus) sp. cf. Isocrinus ? neocomiensis* (Desor), p.640, pl.79, fig.11.
- ME6969. *Isocrinus (Chladocrinus) sp. cf. Isocrinus ? neocomiensis* (Desor), p.640, pl.79, fig.12.
- ME6970. *Isocrinus (Chladocrinus) sp. cf. Isocrinus ? neocomiensis* (Desor), p.640, pl.79, fig.13.
- ME6971. *Isocrinus (Chladocrinus) sp. cf. Isocrinus ? neocomiensis* (Desor), p.640, pl.79, fig.14a,b.
- ME6972. *Isocrinus (Chladocrinus) sp. cf. Isocrinus ? neocomiensis* (Desor), p.640, pl.79, fig.15.

OKADA - OKAMOTO - OKUBO

Oji, T. (1985): continued

- ME6973. *Isocrinus (Chladocrinus)* sp. cf. *Isocrinus ? neocomiensis* (Desor), p.640, pl.79, fig.16a,b.
- ME6974. *Isocrinus (Chladocrinus)* sp. cf. *Isocrinus ? neocomiensis* (Desor), p.640, pl.78, fig.6a,b.

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

Isocrinus (Chladocrinus) hanaii Oji: ME6937, ME6938, ME6939, ME6940, ME6941, ME6944, ME6946, ME6948, ME6951, ME6952, ME6953, ME6960, ME6961, ME6963, Paratypes.

Okada, Y. (1982): Ultrastructure and pattern of the carapace of *Bicornucythere bisanensis* (Ostracoda, Crustacea). *Univ. Mus., Univ. Tokyo, Bull.*, no.20, pp.229-272, text-figs.1-17. [see also Okada (1981)]

RA15339. *Bicornucythere bisanensis* (Okubo), p.231, text-fig.1a.

CA15340. *Bicornucythere bisanensis* (Okubo), p.231, text-fig.1b.

Okamoto, T. (1984): Theoretical morphology of *Nipponites* (a heteromorph ammonoid). *Fossils*, no.36, pp.37-51, pl.1, text-figs.1-10.

MM7560. *Nipponites mirabilis* Yabe, p.40, pl.1, fig.1a,b, Holotype. [see also Yabe (1904)]

MM7666. *Nipponites mirabilis* var. *sachalinensis* Kawada, p.41, pl.1, fig. 2a,b, Holotype. [see also Kawada (1929)]

Okubo, M. (1956): Some Devonian brachiopods and trilobites of the southern Kitakami mountainland. *Japan. Jour. Geol. Geogr.*, vol.7, no.1, pp.37-45, pl.3, text-figs.1-3.

- PB4887. *Stropheodonta cymbiformis* Swallow, p.38, pl.3, fig.1a,b. (missing)
- PB4888. *Stropheodonta boonensis* Swallow, p.38, pl.3, fig.2a,b. (missing)
- PB4889. *Meristella* sp., p.39, pl.3, fig.3. (missing)
- PB4890. *Camarotoechia tethys* (Billings), p.39, pl.3, fig.4a-c. (missing)
- PB4891. *Atrypa pauciplicata* Okubo, p.39, pl.3, fig.5, Holotype. (missing)
- PB4892. *Anopolotheca dorsosulcata* Okubo, p.40, pl.3, fig.6, Holotype. (missing)
- PB4893. *Ambocoelia umbonata* (Conrad), p.41, pl.3, fig.7a,b. (missing)
- PB4894. *Cyrtina heteroclyta* Defrance, p.41, pl.3, fig.8a,b. (missing)

OKUBO - OTUKA

Okubo, M. (1956): continued

- PB4895. *Spirifer* cfr. *speciosus* (Achlotheim), p.42, pl.3, fig.9a,b.
(missing)
- PB4896. *Elytha fimbriatus* (Conrad), p.42, pl.3, fig.10a,b. (missing)
- PA7443. *Phacops nonakai* Okubo, p.43, pl.3, fig.11a, Holotype.
- PA8910. *Phacops nonakai* Okubo, p.43, pl.11b, Paratype.

Otuka, Y. (1929): A stratigraphical study of the Oiso block and its adjacent area. Pt.1. *Jour. Geol. Soc. Tokyo*, vol.36, no.433, pp.435-456.

The following specimens, though were not described, are preserved in this Museum.

- Tornatina fontinalis* Yokoyama var. ?: CM11532
- Tornatina dulcis* Yokoyama: CM11533
- Nassa (Niotha) livescens* Philippi: CM11534
- Cerithium coralium* Kiener: CM11535
- Potamides fluviatilis* (Pot. and Mich.): CM11536
- Potamides multiformis* (Lischke): CM11537
- Potamides (Batillaria) pitenalis* Sowerby: CM11538
- Rissoa edogawensis* Yokoyama: CM11539
- Odostomia* sp. a: CM11541
- Umbonium giganteum* (Lesson): CM11542
- Phenacolepas pulchellus* Lischke: CM11543
- Pholas fragilis* Sowerby: CM11544
- Martesia striata* (Linné) var. ?: CM11545
- Soletellina* sp. a: CM11546
- Macoma dissimilis* (Martens): CM11547
- Tellina pallidula* Lischke: CM11548
- Tellina* sp. a: CM11549
- Dosinia (Dosinisca) pubescens* Philippi ?: CM11550
- Cyclina chinensis* (Chemnitz): CM11551
- Meretrix meretrix* (Linné): CM11552
- Cardium* sp. a: CM11553
- Diplodonta semiaspera* (Philippi): CM11554
- Lucina pisidium* Dunker: CM11555
- Anomia lischkei* Dautzemberg and Fischer: CM11556

Otuka, Y. (1929): continued

- Trapezium japonicum* Pilsbry: CM11557
Ostrea gigas Thunberg: CM11558, CM11559
Arca subcrenata Lischke: CM11560, CM11561
Arca sp. a: CM11562
Arca sp. b: CM11563
Tapes philippinarum (Adams and Reeve): CM11564

Otuka, Y. (1933b): The geomorphology and geology of northern Idu Peninsula, the earthquake fissures of Nov. 26, 1930, and the pre-seismic crust deformations. *Bull. Earthq. Res. Inst., Tokyo Imp. Univ.*, vol.11, pt.3, pp.530-574, text-figs.1-44, pls.24-38.

The following specimens, though were not described, are preserved in this Museum.

- Cyllichna sibaensis* Yamakawa: CM11608
Erato callosa Adams: CM11609
Fusinus nipponicus ? Smith: CM11610
Inquisitor sp.: CM11611
Lora yokoyamai Onoyama: CM11612
Bela sp.: CM11613
Natica sp.: CM11614
Typhis arcuatus Hinds: CM11615
Leptothra rubra Dunker: CM11616
Haliotis ? sp.: CM11618
Yoldia ninomiyaensis Otuka M.S.: CM11619
Glycymeris pilosbryi (Yokoyama): CM11620
Limopsis tokaiensis Yokoyama: CM11621
Limopsis adamsiana Yokoyama: CM11622
Lima quantoensis Yokoyama: CM11623
Lima subauriculata (Montagu): CM11624
Chlamys sp. (*irregularis* ?): CM11625
Anomia sp.: CM11626
Tellina sp.: CM11627
Venericardia ferruginosa A.Adams and Reeve: CM11628
Myadora fluctuosa Gould: CM11629

OTUKA

Otuka, Y. (1933b): continued

Volsella sp.: CM11630

Brachiopoda sp.: CB11631

Otuka, Y. (1937e): Geologic structure of the south Kwanto region, Japan.

(1) (Yokohama-Huzisawa district). *Bull. Earthq. Res. Inst., Tokyo Imp. Univ.*, vol.15, pt.4, pp.974-1040.

The followong specimens, though were not describes, are preserved in this museum.

Tegula pfeifferi Philippi: CM10679

Obtortio reticulata (A.Adams): CM10680, CM10715, CM10920, CM10978, CM11089, CM11162, CM11496

Scaliola bella A.Adams: CM10681, CM10921, CM11091

Odostomia sublimpida Yokoyama: CM10682, CM10725, CM10819, CM11177

Strombus luhanus Linné: CM10683

Polinices didyma (Bolten): CM10684, CM10730, CM10851, CM10876, CM11005, CM11039, CM11106, CM11183, CM11418, CM11504

Bedeva birileffi (Lischke): CM10685, CM10878, CM10946, CM10981, CM11007, CM11072, CM11107

Thais bronni (Dunker): CM10686, CM10879, CM11191

Nassarius dominulus (Tapparone and Canefri): CM10687, CM10745, CM10855, CM10882, CM10951, CM10983, CM11199, CM11421, CM11479

Nassarius livescens (Philippi): CM10688, CM10953, CM11010, CM11042

Brachytoma jeffreysii (Smith): CM10689, CM10753, CM10829, CM10860, CM10885

Brachytoma pseudoprincipalis (Yokoyama): CM10690, CM10754, CM10861

Retusa minima Yamakawa: CM10691, CM10956, CM10985, CM11217

Dentalium hexagonum Gould: CM10692, CM10766, CM10863, CM10962, CM11043

Dentalium weinkauffi Dunker: CM10693, CM10767, CM10864, CM11224, CM11342, CM11518

Pecten naganumana Yokoyama: CM10694, CM10773

Spondylus cruentus Linné: CM10695, CM11244, CM11245

Montacuta oblongata Yokoyama: CM10696

Cardium muticum Reeve: CM10697, CM11132, CM11267, CM11268, CM11354, CM11434, CM11465, CM11511

Gafrarium yokoyamai Otuka n. n.: CM10698, CM10785

Saxidomus purpuratus (Sowerby): CM10699, CM10899, CM11275, CM11276, CM11277, CM11483

OTUKA

Otuka, Y. (1937e): continued

- Dosinia japonica* Reeve: CM10700, CM10969, CM11018, CM11133, CM11435
Venus (Chione) minuta Yokoyama: CM10701, CM10789
Clausinella tiara (Dillwyn): CM10702, CM10790
Paphia naganumana Otuka: CM10703, 10795
Solecurtus divaricatus (Lischke): CM10704, CM10797
Tellina gargadaria (Linné): CM10705, CM10798
Tellina vestalioidea Yokoyama: CM10706, CM10802, CM10846, CM11310, CM11311, CM11356
Cryptomya busoensis Yokoyama: CM10707, CM10805, CM11316, CM11445
Umbonium costatum Kiener: CM10708, CM11086, CM11149
Calliostoma cipangoana Yokoyama: CM10710
Umbonium moniliferum (Lamarck): CM10711, CM11150, CM11410, CM11450
Umbonium naganumanum Otuka: CM10712 (Holotype) [see also Otuka (1930)]
Syncera paludinoides (Yokoyama): CM10713, CM10915, CM10975, CM11087
Batillaria multiformis (Lischke): CM10714, CM10917, CM10976, CM10997, CM11037, CM11455, CM11494
Epitonium tokyoensis Kuroda: CM10716
Epitonium densicostata (Yokoyama): CM10717
Pyramidella pulchella (A.Adams): CM10718, CM10873, CM10929, CM11094
Volsella modiolus (Linné): CM10719, CM11347
Pyrgisculus takinogawensis (Tokunaga): CM10720, CM11173
Pyrgiscus nihona (Otuka): CM10721
Strioturbanilla pacifica (Yokoyama): CM10722
Cingulina adamsi (Yokoyama): CM10723
Syrnola cinctella (A.Adams): CM10724
Odostomia yokoyamai Nomura: CM10726
Odostomia naganumensis Otuka [MS]: CM10727
Siphopatella walshi (Reeve): CM10728, CM11004, CM11061
Polynices flemingianus (Récluz): CM10729, CM10875
Natica janthostoma Deshayes: CM10731, CM10823, CM10852, CM10945, CM11184, CM11185, CM11186, CM11327, CM11381
Sinum javanicum (Gray): CM10732
Erato callosa Adams and Reeve: CM10733, CM11187, CM11188
Cymatium ozawai Otuka [MS]: CM10734, CM11328
Cymatium subpyrum (Yokoyama): CM10735, CM11329

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Otuka, Y. (1937e): continued

Tritonalia adunca Sowerby: CM10736

Pyrene bella (Reeve): CM10737, CM11076, CM11109

Zafra pumila (Dunker): CM10738, CM10949, CM11196

Siphonalia cassidariaeformis declivis (Yokoyama): CM10739, CM10853

Siphonalia fuscolineata Pease: CM10740, CM10826, CM10854, CM11337

Siphonalia spadicea Reeve: CM10741

Siphonalia modifcata Reeve: CM10742

Babylonia japonica (Reeve): CM10743, CM11197

Nassarius festivus (Powys): CM10744, CM10950, CM10982, CM11009, CM11041, CM11077, CM11111, CM11458, CM11490

Nassarius gemmulates (Lamarck): CM10746

Nassarius caelatus (A.Adams): CM10747, CM10827, CM10856, CM10883, CM10952, CM10984, CM11112, CM11201, CM11202, CM11203, CM11338

Cancellaria spengleriana Deshayes: CM10748, CM10872, CM10884, CM11204, CM11339

Cancellaria noduliformis Sowerby: CM10749

Clavus braunsi (Yokoyama): CM10750, CM10828, CM10858

Clavatula consimilis nivalioides (Yokoyama): CM10751

Turris leucotropis (Adams and Reeve): CM10752

Tomopleura quantoana (Yokoyama): CM10755

Lora totodensis Otuka [MS]: CM10756

Lora yabei Otuka [MS]: CM10757

Lora reticostulata (Yokoyama): CM10758

Anadara subcrenata (Lischke): CM10759, CM10964, CM11045, CM11063, CM11082, CM11125, CM11345

Etrema fortilarata (Smith): CM10760

Etrema naganumana Otuka [MS]: CM10761

Terebra serotina Adams and Reeve: CM10762

Terebra evoluta Deshayes: CM10763

Terebra lischkeana naganumense Otuka [MS]: CM10764

Ringicula musashinoensis Yokoyama: CM10765, CM10830, CM10862, CM10887

Nucula tokyoensis Yokoyama: CM10768

Nuculana gordonis (Yokoyama): CM10769, CM10834, CM11225, CM11343

Barbatia yokoyamai (Nomura): CM10770, CM10866, CM10892, CM11235, CM11236

Anadara granosa (Linné): CM10771, CM10986, CM11011, CM11062, CM11081

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Otuka, Y. (1937e): continued

- Pecten tokyoensis* Tokunaga: CM10774, CM10840, CM10870, CM11012, CM11349
Anomia lischkei Dautzenberg and Fischer: CM10775, CM10841, CM11065, CM11127, CM11248, CM11351, CM11397, CM11429, CM11502
Cardita cumingiana Dunker: CM10776, CM11015, CM11066, CM11258, CM11259, CM11260
Venericardia ferruginosa Adams and Reeve: CM10777, CM11392
Joannisiella cumingii (Hanley): CM10778, CM10843, CM11431
Loripes ictericus (Reeve): CM10779
Codakia yamakawai (Yokoyama): CM10780
Codakia pisidium (Dunker): CM10781, CM10965, CM10988, CM11129, CM11433, CM11462
Kellia naganumensis Otuka [MS]: CM10782
Clinocardium braunsi (Tokunaga): CM10783, CM10968, CM11510
Clinocardium bulowi (Rolle): CM10784, CM11265
Pitar sp.: CM10786
Callista sinensis (Sowerby): CM10787, CM11274
Meretrix meretrix (Linné): CM10788, CM11016, CM11083, CM11279, CM11280
Gomphina aff. *neastartoides* (Yokoyama): CM10791
Protothaca jedoensis (Lischke): CM10792, CM10901, CM11020, CM11283, CM11284
Venerupis philippinarum (Adams and Reeve): CM10793, CM11021, CM11287, CM11437
Petricola divergens (Gmelin): CM10794, CM11291, CM11292
Zozia abbreviata (Gould): CM10796, CM11301
Tellina jedoensis Lischke: CM10799, CM11033, CM11085, CM11139
Tellina miyatensis Yokoyama: CM10800, CM11140
Tellina nitidula (Dunker): CM10801
Panope japonica A.Adams: CM10803, CM11444
Aloidis venustus (Gould): CM10804, CM10908, CM11071, CM11314, CM11315, CM11389
Mya japonica A.Adams: CM10806, CM11317
Barnea japonica (Yokoyama): CM10807
Myadora yokoyamai Otuka: CM10808
Barbatia obtusoides (Nyst): CM10809, CM10890, CM11044, CM11232
Acteocina fontinalis (Yokoyama): CM10810, CM11079
Raeta yokohamensis Pilsbry: CM10813, CM10904, CM10971, CM11440

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Otuka, Y. (1937e): continued

Acila divaricata (Hinds): CM10814, CM10833, CM10865

Crepidula aculeata (Gmelin): CM10815, CM10874, CM11181

Pyramidella pseudopulchella (Yokoyama): CM10818

Odostomia aspera ? Nomura: CM10820

Acteopyramis kitayatensis Otuka [MS]: CM10822, CM11326

Pyrene varians (Dunker): CM10824, CM10881, CM10948, CM11193, CM11194, CM11195, CM11334, CM11478

Siphonalia mikado Melvill var.: CM10825, CM11336

Ringicula yokoyamai Takeyama: CM10831, CM11118

Dentalium sp.: CM10832, CM11124

Nuculana japonica (Adams and Reeve): CM10835

Arca boucardi Jousseaume: CM10836, CM11229, CM11230, CM11403, CM11506

Anadara inflata (Reeve): CM10837, CM10867, CM10963, CM11344, CM11427, CM11482, CM11507

Volsella barbata (Linné): CM10838, CM11239

Chlamys nipponensis Kuroda: CM10839, CM10869, CM10893, CM11064, CM11240, CM11241, CM11242, CM11348

Ostrea gigas Thunberg: CM10842, CM10896, CM10987, CM11013, CM11029, CM11046, CM11128, CM11249, CM11250, CM11251, CM11252, CM11253, CM11352, CM11430, CM11486

Clementia vatheleti Mabille: CM10845, CM11355

Hiatella arctica (Linné): CM10848

Bittium tamanawaensis Otuka [MS]: CM10849, CM11324

Trichotropis unicarinata Broderip: CM10850

Microfusus obesiformis (Yokoyama): CM10857, CM11335

Clavatula muraokensis Otuka [MS]: CM10859, CM11446

Crenella diaphana Dall: CM10868, CM11346

Coptothyris grayi (Davidson): CB10871

Rapana thomasiiana (Crosse): CM10877, CM11006, CM11040, CM11190

Thais clavigera (Küster): CM10880, CM10947, CM11008, CM11192

Cytharella sp.: CM10886

Dentalium octangulatum Donovan: CM10888, CM11123, CM11221, CM11222, CM11223, CM11425, CM11461

Arca ocellata Reeve: CM10889, CM11226, CM11227, CM11228

Barbatia symmetrica Reeve: CM10891, CM11233, CM11234, CM11404

Pecten laqueatus Sowerby: CM10894, CM11243, CM11428, CM11508

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Otuka, Y. (1937e): continued

- Lima basilanica* Adams and Reeve: CM10895, CM11350
Felaniella usta Gould: CM10897
Cardium ebaranum Yokoyama: CM10898, CM11266
Dosinia angulosa Philippi: CM10900, CM11281, CM11282, CM11436, CM11489
Venerupis variegata (Hanley): CM10902, CM10989, CM11049, CM11068, CM11134, CM11286
Paphia undulata (Born): CM10903, CM10970, CM11135, CM11296
Semele sinensis A.Adams: CM10905, CM11024, CM11069, CM11136
Solecurtus divaricatus (Lischke): CM10906, CM11303, CM11304
Theora lubrica Gould: CM10907, CM11137, CM11305, CM11467
Barnea fragilis Sowerby: CM10909, CM11143
Gourmya kobelti (Dunker): CM10910, CM11093, CM11166, CM11449
Venus sp.: CM10911
Theodoxus tokaidoensis Makiyama [MS]: CM10912, CM11055
Merelina tokunagai (Yokoyama): CM10914, CM10974
Pseudoliotia micans (A.Adams): CM10916
Batillaria zonalis (Bruguière): CM10918, CM10998, CM11028, CM11038, CM11058, CM11456
Obtortio pupoides (A.Adams): CM10919, CM10977, CM11088, CM11495
Diala hungerfordi Sowerby: CM10922, CM11092, CM11163
Diala semistriata (Philippi): CM10923, CM11073, CM11164, CM11454
Epitonium tatibanensis Otuka: CM10924
Epitonium hosohida Otuka [MS]: CM10925
Strombiformis kurumana (Yokoyama): CM10926
Strombiformis ozawai (Yokoyama): CM10927
Melanella shibana (Yokoyama): CM10928
Pyrgisculus candissimus Dall and Bartsch: CM10930, CM10980
Strioturbanilla aurica Dall and Bartsch: CM10931
Turbanilla aff. subapproximata Yokoyama: CM10932
Turbanilla kuratuboensis Otuka [MS]: CM10933, CM11096
Turbanilla kamikuratensis Oyuka [MS]: CM10934, CM11097
Turbanilla edoensis Yokoyama: CM10935, CM11098
Odostomia desimana Dall and Bartsch: CM10937, CM11101
Odostomia limpida Dall and Bartsch: CM10938, CM11102, CM11176, CM11414

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Otuka, Y. (1937e): continued

- Odostomia fujitanii* Yokoyama var.: CM10939
Odostomia makiyamai (Nomura): CM10940, CM11103
Odostomia sp.: CM10941, CM11178, CM11382
Trabecula bicinctella (Yokoyama): CM10942 (missing), CM10943, CM11104
Acteopyramis lauta Nomura: CM10944, CM11105
Retusa kamikuratensis Otuka [MS]: CM10957
Retusa truncata Yamakawa: CM10958, CM11078, CM11120, CM11501
Retusa cucurbitina Yokoyama: CM10959, CM11121, CM11491
Cylichna yamakawai Yokoyama: CM10960, CM11080, CM11122, CM11460
Kellia ojiana Yokoyama: CM10966, CM11130, CM11464
Montacuta subtruncata Yokoyama: CM10967
Macoma awajiensis Sowerby: CM10972
Alvania concinna A.Adams: CM10973, CM11493
Bittium numamuranum Yokoyama: CM10979
Macoma incongrua (v.Martens): CM10990, CM11025, CM11031, CM11051, CM11309
Macoma sp.: CM10991
Tellina rutila Dunker: CM10992
Umbonium decoratum Makiyama: CM10993, CM11034, CM11053
Turbo coreensis Récluz: CM10994, CM11035, CM11054
Cerithidea katoi Otuka [MS]: CM10995, CM11056
Cerithidea cingulata (Gmelin): CM10996, CM11027, CM11036, CM11057
Obtortio septentrionalis (Tokunaga): CM11000, CM11075, CM11090, CM11453
Cerithium coralium Kiener: CM11001, CM11059
Turbanilla sp.: CM11003
Ostrea denselamellosa Lischke: CM11014
Cyclina sinensis (Gmelin): CM11017
Anomalocardia squamosa (Linné): CM11019, CM11048, CM11067
Protapes irrediviva Makiyama: CM11022, CM11050
Standella tokunagai Otuka [MS]: CM11023
Solen gouldi Conrad: CM11026, CM11070, CM11142
Trapezium japonicum Pilsbry: CM11030, CM11503
Tellina diaphana Deshayes: CM11032, CM11466
Ostrea futamiensis Seki: CM11047, CM11447
Stomatella lyrata Pilsbry: CM11052, CM11148, CM11409

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Otuka, Y. (1937e): continued

- Odostomia sitiroi* Nomura: CM11060
Macra veneriformis Reeve: CM11084
Turbonilla inomatai Otuka [MS]: CM11095
Turbonilla sp.: CM11099
Syrnola bicinctella Nomura: CM11100
Pyrene siogamensis (Otuka): CM11108
Nassarius japonicus (A.Adams): CM11110, CM11198
Clavatula consimilis (Smith): CM11113
Cytharella makiyamai Otuka: CM11114
Etrema subauriformis (Smith): CM11115
Philbertia ikebei Otuka [MS]: CM11116
Pyrunculus phiala A.Adams: CM11119
Brachidontes senhausii Dunker: CM11126
Mysella oblongata (Yokoyama): CM11131, CM11463
Macoma nipponica Tokunaga: CM11138
Solen sp.: CM11141, CM11312, CM11313
Laternula japonica Lischke: CM11144
Patelloida pygnaea (Dunker): CM11145
Diodora elaborata (Sowerby): CM11146
Emarginula crassicostata Sowerby: CM11147
Circulus duplicatus (Lischke): CM11151
Liotis cycloma Tomlin: CM11152
Turbo cornutus (Solander): CM11153, CM11154
Astrea haematraga Menke: CM11155
Rissoina laevicostulata Pilsbry: CM11157
Heliacus dorsuousus (Hinds): CM11158
Bittium satomii Yokoyama: CM11165
Cerithiopsis matumotoi Otuka [MS]: CM11167
Triphora granulata (Dunker): CM11168
Triphora purpurata (Pilsbry): CM11169
Melanella yokosukensis (Yokoyama): CM11171
Mornula rissoina (A.Adams): CM11172
Strioturbonilla mormuloides (Nomura): CM11174
Turbonilla t-matumotoi Otuka [MS]: CM11175

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Otuka, Y. (1937e): continued

- Babella caelatior* Dall and Bartsch: CM11179
Pyrgulina katasensis Otuka [MS]: CM11180
Tonna luteostoma (Küster): CM11189, CM11419, CM11505
Mangelia deshayesii (Dunker): CM11205
Mangelia gracilenta (Reeve): CM11206, CM11207
Mangelia sp.: CM11208
Pseudoraphitoma naganumaensis Otuka: CM11209
Philbertia katasensis Otuka [MS]: CM11210
Philbertia leuckarti (Dunker): CM11211, CM11500
Asperdaphne sp.: CM11212
Ringicula oelertiae Morlet: CM11213
Ringicula doliaris Gould: CM11214
Cylichna shibaensis Yamakawa: CM11218
Rhizorus acuminata Bruguière: CM11219
Siphonaria sirius ? Pilsbry: CM11220
Barbatia reticulata (Gmelin): CM11231
Pseudogrammatodon obliquatus (Yokoyama): CM11237
Septifer virgatus (Wiegman): CM11238
Lima lischkei Lamy: CM11246
Lima quantoensis Yokoyama: CM11247
Ostrea rosacea Deshayes: CM11254, CM11255, CM11256
Basterotia gouldi (A.Adams): CM11261
Codakia selicatula Pilsbry: CM11263
Kellia katasensis Otuka [MS]: CM11264
Plicatula horrida Dunker: CM11269
Plicatula irregularis Dunker: CM11270
Pseudochama retroversa (Lischke): CM11271, CM11272
Pitar pellucida Lamarck: CM11273
Venerupis mitis (Deshayes): CM11285
Petricola cyclus (Pilsbry): CM11289, CM11290
Paphia euglypta (Philippi): CM11293, CM11512
Paphia greefei (Dunker): CM11294, CM11295
Paphia sp.: CM11297, CM11298

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Otuka, Y. (1937e): continued

- Mactra sulcataaria* Deshayes: CM11299, CM11300, CM11439, CM11451
Gastrana yantaiensis Crosse and Debeaux: CM11306, CM11307, CM11308
Thracia papyracea Polli: CM11318
Pandora bicarinata subsp.: CM11319
Zirphaea subconstricta Yokoyama: CM11320, CM11321
Turbanilla arayai Nomura: CM11325
Cymatium lampas sauliae (Reeve): CM11330
Tritonalia emarginata (Sowerby): CM11331
Tritonalia ? crassa (A.Adams): CM11332
Latiaxis japonica Dunker: CM11333
Surcula kamakurana Pilsbry: CM11340
Suavodrillia pseudodeclivus Otuka [MS]: CM11341
Lucina acutilineata Conrad: CM11353
Cylichna musashiensis Tokunaga: CM11359
Conus tuberculosus Tomlin: CM11360
Conus sp.: CM11361
Brachytoma cosibensis (Yokoyama): CM11362
Clavus benten (Yokoyama): CM11363
Clavus braunsi (Yokoyama): CM11364
Clavus tokunagai (Otuka [MS]): CM11365
Asperdaphne sp.: CM11366
Lora cancellata Otuka: CM11367
Fulgoraria megaspira (Sowerby): CM11368
Mitra sp.: CM11369
Fusinus makiyamai Otuka: CM11370
Astyris varians (Dunker): CM11371, CM11457
Cymatium sp. indet.: CM11372
Tritonalia falcata ? Sowerby: CM11373
Trophonopsis nipponicus (Yokoyama): CM11374
Trophon inermis (Sowerby): CM11375
Argobuccinum oregonensis Redfield: CM11377
Ancilla hinomotoensis Yokoyama: CM11378
Bittium sp.: CM11379
Turritella fortilarata nipponica Yokoyama: CM11380, CM11516

OTUKA

Otuka, Y. (1937e): continued

- Homalopoma amussitata* Gould: CM11383, CM11411
Diodora yokoyamai kosibensis Otuka: CM11384
Emarginula sp.: CM11385
Cellana eucosmia Pilsbry: CM11386
Patelloidea pallida (Gould): CM11387
Dentalium rhabdotum Pilsbry: CM11388
Chama semipurpurata Lischke: CM11390
Venericardia ferruginea A.Adams: CM11391
Astarte hakodatensis Yokoyama: CM11393
Crassatellites oblongata (Yokoyama): CM11394 (missing)
Myadora reeveana Smith var.: CM11395
Solen grandis Dunker: CM11396
Spisula bernardi (Pilsbry): CM11398
Tellina salmonea Carpenter: CM11399
Lima goliath Sowerby: CM11400
Pecten yessoensis Jay: CM11401
Ostrea musashiana Yokoyama: CM11402
Pseudogrammatodon dalli obliquatus (Yokoyama): CM11405
Limopsis tokaiensis Yokoyama: CM11406
Limopsis crenata A.Adams: CM11407
Proclava kochi (Philippi): CM11412
Acteopyramis lectissimooides (Yokoyama): CM11413
Odostomia dusiensis Nomura: CM11415
Syrnola brevis (Yokoyama): CM11416
Turbonilla sp.: CM11417
Mitrella varians (Dunker): CM11420
Nassarius fraterculus (Dunker): CM11422
Haedropleura tabatensis (Tokunaga): CM11423
Ringicula arctata Gould: CM11424, CM11459
Dentalium yamakawai Yokoyama: CM11426
Joannisiella lunaris (Yokoyama): CM11432
Paphia amabilis (Philippi): CM11438
Macoma tokyoensis Makiyama: CM11441
Tellina iridella V.Martens: CM11442

OTUKA - OYAMA - POJETA

Otuka, Y. (1937e): continued

Solen krusensternii Schrenck: CM11443

Obtortio perpupoidea (Yokoyama): CM11452

Retusa globosa Yamakawa: CM11492

Lucina sp.: CM11509

Macoma sp.: CM11513

Glycymeris nipponicus (Yokoyama): CM11520

Limopsis adamsiana Yokoyama: CM11521

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- CM26960. *Tominina angasiana* (Yokoyama), p.61, pl.9, fig.2a,b, Holotype. [see also Yokoyama (1932b)]
- CM26961. *Tominina onnaica* (Yokoyama), p.64, pl.10, fig.3c, Holotype. [see also Yokoyama (1932b)]
- CM27017. *Palliolium (Delectopecten) peckhami* (Gabb), p.117, pl.27, fig.1b. [see also Yokoyama (1932b)]

Pojeta, J. Jr. and Runneger, B. (1976): The paleontology of rostroconch mollusks and the early history of the phylum Mollusca. *Geol. Surv. Prof. Paper 968*, pp.1-88, pls.1-54, text-figs.1-14.

- PA0287. *Wanwania cambrica* Kobayashi, p.55, pl.3, figs.11-14, Holotype. [see also Kobayashi (1933a)]
- PA0290. *Wanwania cambrica* Kobayashi, p.55, pl.3, fig.5, Paratype. [see also Kobayashi (1933a)]
- PA0292. *Wanwania ambonychiformis* Kobayashi, p.55, pl.3, fig.10, Holotype. [see also Kobayashi (1933a)]
- PA0294. *Wanwanella striata* Kobayashi, p.68, pl.21, fig.9, Syntype. [see also Kobayashi (1933a)]
- PA0296. *Wanwanella striata auriculata* Kobayashi, p.68, pl.21, figs.17-20, Holotype. [see also Kobayashi (1933a)]
- PA0297. *Euchasma wanwanense* (Kobayashi), p.68, pl.28, figs.4-7, Holotype. [see also Kobayashi (1933a)]
- PA0298. *Euchasma shorinense* (Kobayashi), p.67, pl.28, figs.8-11, Holotype. [see also Kobayashi (1933a)]
- PA0299. *Wanwanella tumida* Kobayashi, p.68, pl.21, figs.7,8, Holotype. [see also Kobayashi (1933a)]

POJETA - SAHEKI - SAKAGAMI

Pojeta, J. Jr. and Runneger, B. (1976): continued

- PA0300. *Wanwanoides trigonalis* Kobayashi, p.69, pl.21, figs.4-6, Syntype. [see also Kobayashi (1933a)]
- PA0301. *Wanwanoides trigonalis delicata* Kobayashi, p.69, pl.21, fig.3, Holotype. [see also Kobayashi (1933a)]
- PA0308. *Wanwanella ? alta* (Kobayashi), p.68, pl.21, fig.21, Holotype. [see also Kobayashi (1933a)]
- PA0309. *Eopteria obsolata* Kobayashi, p.66, pl.24, figs.3,4, Holotype. [see also Kobayashi (1933a)]
- PA0310. *Eopteria flora* Kobayashi, p.66, pl.24, figs.1,2, Holotype. [see also Kobayashi (1933a)]
- PA0314. *Pseudotechnophorus typicalis* Kobayashi, p.65, pl.20, figs.1,2, Holotype. [see also Kobayashi (1933a)]
- PA0315. *Pseudoeuchasma typica* Kobayashi, p.77, pl.21, figs.1,2, Holotype. (missing) [see also Kobayashi (1933a)]
- PA0900. *Technophorus coreanica* (Kobayashi), p.58, pl.11, fig.14, Holotype. [see also Kobayashi (1934c)]
- PA1390.* *Tolmachovia concentrica* Howell and Kobayashi, p.62, pl.16, figs. 8-10, Holotype. [see also Howell and Kobayashi (1936)]
- PA1391.* *Tolmachovia concentrica* Howell and Kobayashi, p.62, pl.17, fig. 11, Paratype. [see also Howell and Kobayashi (1936)]
- PA1392.* *Tolmachovia concentrica* Howell and Kobayashi, p.62, pl.16, fig. 6, Paratype. [see also Howell and Kobayashi (1936)]

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CV13829. *Clupea tanegashimaensis* Saheki, p.22, pl.18, fig.1, Holotype.

Sakagami, S. (1963): Bryozoa from Pulau Jong, the Langkawi Islands, north-west Malaya. *Japan. Jour. Geol. Geogr.*, vol.34, nos.2-4, pp.205-209, pl.12.

- PB15938. *Cyclotrypa alexanderi* Sakagami, p.206, pl.12, figs.1-3, Holotype.
- PB15939. *Cyclotrypa alexanderi* Sakagami, p.206, pl.12, figs.4,7, Holotype.
- PB15940. *Cyclotrypa alexanderi* Sakagami, p.206, pl.12, figs.5,6, Holotype.
- PB15941. *Fistulipora hupehensis* (Yang), p.207, pl.12, figs.8,9.
- PB15942. *Fistulipora hupehensis* (Yang), p.207, pl.12, figs.10-12.

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Sakagami, S. (1963): continued

- PB15943. *Polypora* aff. *timorensis* Bassler, p.208, pl.12, fig.13.
PB15944. *Polypora* aff. *timorensis* Bassler, p.208, pl.12, fig.14.
PB15945. *Polypora gigantea* Waagen and Pichl, p.208, pl.12, fig.15.
PB15946. *Polypora gigantea* Waagen and Pichl, p.208, pl.12, fig.16.

Sasai, H. (1936): The Izumi sandstone series in Awazi. *Jour. Geol. Soc. Japan*, vol.43, pp.590-602, pl.29.

Only the following discussed specimens are preserved.

- Bostrychoceras awajiense* (Yabe): MM7959, MM7960
Pravitoceras sigmoidale Yabe: MM7061, MM7982
Parapachydiscus cfr. *subtililobatus* Jimbo: MM7962, MM7963, MM7983
Inoceramus schmidti Michael: MM7964
Cucullaea aff. *truncata* Gabb: MM7965
Grammatodon sachalinensis (Schmidt): MM7966, MM7972
Arca fibrosa d'Orbigny: MM7967
Cardium sp.: MM7968
Natica sp.: MM7969
Linuparus japonicus Nagao: MA7970
Baculites anceps: MM7971
Lucina sp.: MM7973
Micraster sp.: ME7974, ME7976
Trigonia subovalis Jimbo var. *minor* Yabe: MM7975
Cyprina sp.: MM7977
Baculites cfr. *vagina* Forbes: MM7978
Inoceramus sp.: MM7979
Sasilemys sp.: MV7980

Sato, T. (1974a): Ammonoid fossils of Japan, 1 (Jurassic ammonites, 4 - Kuruma group and Tetori group, 1). *Atlas of Japanese fossils*, no.35-208, 4pp., pl.J-5, Tsukiji Shokan Pub. Co. Ltd.

- MM2791. *Amaltheus* sp., pl.J-5, fig.6. [see also Sato (1955)]
MM2799. *Grammoceras* sp., pl.J-5, fig.1a,b. [see also Sato (1962)]
MM3739. *Oxycerites* sp., pl.J-5, fig.4. [ditto]

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Sato, T. (1974a): continued

- MM3742. *Lilloetia* sp., pl.J-5, fig.7. [see also Sato (1962)]
- MM3743. *Oppelia* aff. *subradiata* Sowerby, pl.J-5, fig.2. [ditto]
- MM3750. *Ptychophylloceras* sp., pl.J-5, fig.3. [ditto]
- MM3794. *Bomburites* aff. *globuliforme* (Gemellaro), pl.J-5, fig.5. [ditto]
- MM7049. *Kepplerites (Seymourites) japonicum* Kobayashi, pl.J-5, fig.8, Holotype. [see also Kobayashi (1957)]

Sato, T. (1974b): Ammonoid fossils of Japan, 1 (Jurassic ammonites, 5 - Totori group, 2). *Atlas of Japanese fossils*, no.35-209, 4pp., pl.J-6, Tsukiji Shokan Pub. Co. Ltd.

- MM3744. *Oecotraustes* sp., pl.J-6, fig.4. [see also Sato (1962)]
- MM3770. *Neuqueniceras yokoyamai* (Kobayashi and Fukada), pl.J-6, fig.1a,b. [ditto]
- MM3772. *Neuqueniceras yokoyamai* (Kobayashi and Fukada), pl.J-6, fig.2a,b. [ditto]
- MM3773. *Grossouvreria laeviradiata* Sato, pl.J-6, fig.6, Holotype. [ditto]
- MM3792. *Dichotomosphinctes kiritaniensis* Sato, pl.J-6, fig.5a,b, Paratype. [ditto]
- MM3793. *Dichotomosphinctes kiritaniensis* Sato, pl.J-6, fig.7, Holotype. [ditto]
- MM3816. *Campylites* aff. *delmontanus* (Oppel), pl.J-6, fig.3. [ditto]
- MM7054. *Kranaosphinctes matsushima* (Yokoyama), pl.J-6, fig.8, Holotype. [see also Yokoyama (1004b)]

Sato, T. (1974c): Ammonoid fossils of Japan, 1 (Jurassic ammonites, 6 - Torinosu group and Soma group). *Atlas of Japanese fossils*, no.35-210, 4pp., pl.J-7, Tsukiji Shokan Pub. Co. Ltd.

- MM3741. *Taramelliceras* sp., pl.J-7, fig.3a,b. [see also Sato (1962)]
- MM3799. *Ataxioceras kurisakense* Kobayashi and Fukada, pl.J-7, fig.6. [ditto]
- MM3802. *Ataxioceras kurisakense* Kobayashi and Fukada, pl.J-7, fig.10. [ditto]
- MM3807. *Corongoceras* sp., pl.J-7, fig.12a,b. [ditto]
- MM3809. *Aulacosphinctes* sp., pl.J-7, fig.11a-c. [ditto]
- MM3810. *Taramelliceras* cf. *callicerum* Oppel, pl.J-7, fig.2. [ditto]
- MM3814. *Aulacosphinctoides* sp., pl.J-7, fig.5b. (missing) [ditto]

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Sato, T. (1974c): continued

- MM3815. *Aulacosphinctoides* sp., pl.J-7, fig.5a. [see also Sato (1962)]
MM3817. *Bigotites* sp., pl.J-7, fig.1. [ditto]
MM4796. *Euaspidoceras* sp., pl.J-7, fig.4. [see also Sato (1972a)]
MM7035. *Aulacosphinctoides* ? aff. *steigeri* (Shimizu), pl.J-7, fig.9. [see also Kobayashi (1935e)]
MM7036. *Lithacoceras tarodaense* Kobayashi, pl.J-7, fig.7, Holotype. [ditto]
MM7040. *Poculosphinctes* sp., pl.J-7, fig.8a,b. [ditto]

Shikama, T. (1943): A handbook of illustrated fossils from Japanese and their adjacent territories. 279pp., 49 pls., 30 text-figs., Nippon kobutsu Syumi-no-Kai, Kyoto, Japan. [in Japanese]

- PM0017. *Stereoplasmoceras pseudoseptum* Grabau, p.149, pl.4, fig.10. [see also Kobayashi (1928)]
PM0024. *Tofangoceras irregulare* Kobayashi, p.149, pl.4, fig.8, Holotype. [see also Kobayashi (1928)]
PM0027. *Actinoceras richthofeni* Frech, p.149, pl.4, fig.6. [see also Kobayashi (1928)]
PM0073. *Pagodispira sakamotoi* Kobayashi, p.147, pl.3, fig.9, Holotype. [see also Kobayashi (1930)]
PM0110. *Ellesmereoceras flexuostriatum* Kobayashi, p.147, pl.3, fig.11, Holotype. [see also Kobayashi (1931a)]
PA0386. *Quadraticephalus manchuricus* Kobayashi, p.143, pl.2, fig.6, Holotype. [see also Kobayashi (1933c)]
PA0387. *Quadraticephalus manchuricus* Kobayashi, p.143, pl.2, fig.7, Paratype. [see also Kobayashi (1933c)]
PA0399. *Tsinania canens* (Walcott), p.144, pl.2, fig.14. [see also Kobayashi (1933c)]
PA0400. *Tsinania canens* (Walcott), p.144, pl.2, fig.15. [see also Kobayashi (1933c)]
PA0448. *Eodiscus fusufrons* Saito, p.143, pl.2, fig.4, Holotype. [see also Saito (1934)]
PA0495. *Oryctocephalus orientalis* Saito, p.142, pl.1, fig.10, Holotype. [see also Saito (1934)]
PA0498. *Oryctocephalus orientalis* Saito, p.142, pl.1, fig.11, Paratype. [see also Saito (1934)]
PH0511. *Diplograptus (Amplexograptus) perexcavatus* Lapworth, p.148, pl.3, fig.12. (missing) [see also Kobayashi (1934b)]

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Shikama, T. (1943): continued

- PB0520. *Orthis nipponica* Kobayashi, p.146, pl.3, fig.4a,b, Syntype. [see also Kobayashi (1934b)]
- PM0575. *Bucanopsis tsuibonensis* Kobayashi, p.146, pl.3, fig.5, Paratype. [see also Kobayashi (1934b)]
- PM0581. *Lophospira pagoga* (Salter), p.147, pl.3, fig.10a,b. [see also Kobayashi (1934b)]
- PM0599. *Raphistoma keizanense* Kobayashi, p.147, pl.3, fig.8a,b, Holotype. [see also Kobayashi (1934b)]
- PM0627. *Kotoceras multiseptum* Kobayashi, p.148, pl.4, fig.1a,b, Paratype. [see also Kobayashi (1934b)]
- PM0638. *Orthoceras seihekiense* Kobayashi, p.148, pl.4, fig.2a-c, Holotype. [see also Kobayashi (1934b)]
- PM0645. *Sactorthoceras tenuicurvatum* Kobayashi, p.148, pl.4, fig.4, Holotype. [see also Kobayashi (1934b)]
- PM0657. *Cycloceras taihakuense* Kobayashi, p.148, pl.4, fig.3a,b, Paratype. [see also Kobayashi (1934b)]
- PM0669. *Trocholites ammonoides* Kobayashi, p.149, pl.4, fig.5, Holotype. [see also Kobayashi (1934b)]
- PA0708. *Basilicus yokusensis* Kobayashi, p.150, pl.5, fig.3, Paratype. [see also Kobayashi (1934b)]
- PA0720. *Basilicus deltacauda* Kobayashi, p.150, pl.5, fig.2, Holotype. [see also Kobayashi (1934b)]
- PA0724. *Basiella kawasakii* Kobayashi, p.150, pl.5, fig.4, Holotype. [see also Kobayashi (1934b)]
- PA0746. *Parabasilicus typicus* Kobayashi, p.150, pl.5, fig.5, Holotype. [see also Kobayashi (1934b)]
- PA0751. *Parabasilicus shirakii* Kobayashi, p.150, pl.5, fig.6, Holotype. [see also Kobayashi (1934b)]
- PA0762. *Parabasilicus yamanarii* Kobayashi, p.150, pl.5, fig.7, Holotype. [see also Kobayashi (1934b)]
- PA0774. *Ogygitoides raymondi* Kobayashi, p.150, pl.5, fig.1, Paratype. [see also Kobayashi (1934b)]
- PB0910. *Obolus (Westonia) blackwelderi* Walcott, p.145, pl.2, fig.16. [see also Kobayashi (1935c)]
- PB0935. *Eoorthis shakuotunensis* Sun, p.141, pl.1, figs.6,7. [see also Kobayashi (1935c)]
- PM0946. *Hyolithes subcarinatus* Kobayashi, p.145, pl.2, fig.18 U., Syntype. (missing) [see also Kobayashi (1935c)]
- PM0947. *Hyolithes subcarinatus* Kobayashi, p.145, pl.2, fig.18 L., Syntype. (missing) [see also Kobayashi (1935c)]

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Shikama, T. (1943): continued

- PA0953. *Agnostus rakuroensis* Kobayashi, p.142, pl.1, fig.13, Paratype. [see also Kobayashi (1935c)]
- PA1020. *Damesella octaspina* Kobayashi, p.144, pl.2, fig.13, Holotype. [see also Kobayashi (1935c)]
- PA1024. *Blackwelderia sinensis* (Bergeron), p.143, pl.2, fig.5. [see also Kobayashi (1935c)]
- PA1030. *Drepanura premesnilii* Bergeron, p.142, pl.1, fig.8. [see also Kobayashi (1935c)]
- PA1035. *Kaolishania granulata* Kobayashi, p.143, pl.2, fig.3. [see also Kobayashi (1935c)]
- PA1038. *Kaolishania granulata* Kobayashi, p.142, pl.1, fig.9. [see also Kobayashi (1935c)]
- PA1048. *Eochuangia hana* Kobayashi, p.144, pl.2, fig.11 U., Syntype. [see also Kobayashi (1935c)]
- PA1053. *Eochuangia hana* Kobayashi, p.144, pl.2, fig.11 L., Syntype. [see also Kobayashi (1935c)]
- PA1067. *Chuangia taihakuensis* Kobayashi, p.144, pl.2, fig.8, Holotype. [see also Kobayashi (1935c)]
- PA1068. *Chuangia taihakuensis* Kobayashi, p.144, pl.2, fig.10, Paratype. [see also Kobayashi (1935c)]
- PA1070. *Chuangia taihakuensis* Kobayashi, p.144, pl.2, fig.9, Paratype. [see also Kobayashi (1935c)]
- PA1092. *Conocoryphe lantenoisi* Mansuy, p.142, pl.1, fig.12. [see also Kobayashi (1935c)]
- PA1100. *Elrathia chuwaensis* Kobayashi, p.143, pl.2, fig.1, Holotype. (missing) [see also Kobayashi (1935c)]
- PS1425. *Chancelloria exillis* Saito, p.141, pl.1, fig.2, Holotype. [see also Saito (1936)]
- PB1452. *Botsfordia granulata* (Redlich), p.141, pl.1, fig.4. [see also Saito (1936)]
- PB1453. *Botsfordia granulata* (Redlich), p.141, pl.1, fig.5. [see also Saito (1936)]
- PM1476. *Coreospira rugosa* Saito, p.141, pl.1, fig.3, Paratype. [see also Saito (1936)]
- PA4187.* *Redlichia manchuriensis* Resser and Endo, p.142, pl.1, fig.14. (missing) [see also Kobayashi (1935c)]
- MB4215. *Rhynchonella sambosanensis* Kobayashi, p.168, pl.15, fig.2a-c, Syntype. [see also Kobayashi (1931d)]
- MM4221. *Pseudomonotis subcycloidea* Kobayashi, p.169, pl.15, fig.5, Holotype. (missing) [see also Kobayashi (1935b)]

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Shikama, T. (1943): continued

- MM4226.* *Trigonoides kodairai* Kobayashi and Suzuki, p.180, pl.19, fig.14, Holotype. (missing) [see also Kobayashi and Suzuki (1936)]
- MM5026. *Trigonia hegiensis* Saeki, p.180, pl.19, fig.12, Holotype. [see also Saeki (1925)]
- MM5028. *Trigonia yeharai* Saeki, p.179, pl.19, fig.11, Holotype. [see also Saeki (1925)]
- MM5029. *Pecten suzukii* Kobayashi, p.170, pl.15, fig.14, Holotype. [see also Kobayashi (1931d)]
- MM5032. *Pecten fujimotoi* Kobayashi, p.170, pl.15, fig.13, Syntype. [see also Kobayashi (1935b)]
- MM5520. *Daonella yoshimurai* Kobayashi, p.170, pl.15, fig.10, Holotype. [see also Kobayashi (1935b)]
- MM5521. *Edentula ozawai* Kobayashi, p.170, pl.15, fig.11, Syntype. [see also Kobayashi (1935b)]
- CV6007. *Parastegodon akashiensis* Takai, p.251, pl.42, fig.11, Holotype. [see also Takai (1936a)]
- MM6301. *Phyllopachyceras ezoense* (Yokoyama), p.206, pl.28, fig.2. (missing) [see also Kawada (1934)]
- MM6303. *Pseudogaudryceras infrequnce* (Yabe), p.207, pl.28, fig.8. (missing) [see also Kawada (1934)]
- MM6304. *Neogaudryceras ornatum* (Yabe), p.207, pl.28, fig.7. [see also Kawada (1934)]
- MM6307. *Tetragonites glabrus* Jimbo, p.206, pl.28, fig.3. [see also Kawada (1934)]
- MM6311. *Hamites (Anisoceras) subcompressus* Forbes, p.211, pl.29, fig.11. [see also Kawada (1934)]
- MM6313. *Parapachydiscus (Anapachydiscus) sutneri* (Yokoyama), p.209, pl.29, fig.3. (missing) [see also Kawada (1934)]
- MM6480. *Inoceramus concentricus* Parkinson var. *costatus* Nagao and Matsumoto, p.200, pl.26, fig.3, Lectotype. [see also Nagao and Matsumoto (1939)]
- MM6907. "Belemnites" sp., p.184, pl.20, fig.15. (missing) [see also Yokoyama (1904a)]
- MM6909. *Trigonia v-costata* Lycett, p.180, pl.19, fig.13. [see also Yokoyama (1904a)]
- MM6911. *Oppelia echizenica* Yokoyama, p.184, pl.20, fig.12, Holotype. (missing) [see also Yokoyama (1904b)]
- MM6918. *Gervillia trigona* Yokoyama, p.180, pl.19, fig.15, Paralectotype. [see also Yokoyama (1904a)]
- MM7001. *Unio ogamigoensis* Kobayashi and Suzuki, p.181, pl.19, fig.18, Holotype. [see also Kobayashi and Suzuki (1937)]

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Shikama, T. (1943): continued

- MM7002. *Batissa antiqua* Kobayashi and Suzuki, p.181, pl.19, fig.23, Holotype. [see also Kobayashi and Suzuki (1937)]
- MM7005. *Batissa yokoyamai* Kobayashi and Suzuki, p.181, pl.19, fig.22, Paratype. [see also Kobayashi and Suzuki (1937)]
- MM7008. *Corbicula tetoriensis* Kobayashi and Suzuki, p.181, pl.19, fig.19, Holotype. [see also Kobayashi and Suzuki (1937)]
- MM7017. *Corbicula tetoriensis* Kobayashi and Suzuki, p.181, pl.19, fig.20, Paratype. [see also Kobayashi and Suzuki (1937)]
- MM7022. *Viviparus onogoensis* Kobayashi and Suzuki, p.182, pl.19, fig.26, Holotype. [see also Kobayashi and Suzuki (1937)]
- MM7026. *Melanoides vulgaris minima* Kobayashi and Suzuki, p.182, pl.19, fig.25, Paratype. [see also Kobayashi and Suzuki (1937)]
- MM7030. *Pila (Turbinicola ?) nipponica* Kobayashi and Suzuki, p.182, pl.19, fig.27, Syntype. [see also Kobayashi and Suzuki (1937)]
- ME7031. *Pseudosaccocoma japonica* Kobayashi, p.179, pl.19, fig.8, Holotype. [see also Kobayashi (1935e)]
- MM7033.* *Haugia japonica* (Neumayr) = (*Harpoceras japonica* Neumayr), p.184, pl.20, fig.14, Holotype. [see also Kobayashi (1935e)]
- MM7034. *Horioceras mitodaense* Kobayashi, p.184, pl.20, fig.13, Holotype. [see also Kobayashi (1935e)]
- MM7036. *Lithacoceras tarodaense* Kobayashi, p.183, pl.20, fig.5, Holotype. [see also Kobayashi (1935e)]
- MM7056. *Perisphinctes (Biplices) kaizaranus* Yokoyama, p.183, pl.20, fig.2, Holotype. [see also Yokoyama (1904b)]
- MM7065. *Hildoceras densicostatum* Yokoyama, p.183, pl.20, fig.4, Paralectotype. [see also Yokoyama (1904b)]
- MM7066. *Coeloceras subfibulatum* Yokoyama, p.183, pl.20, fig.6, Lectotype. [see also Yokoyama (1904b)]
- MM7074. *Dactylioceras helianthoides* Yokoyama, p.183, pl.20, fig.7, Paralectotype. [see also Yokoyama (1904b)]
- MM7076. *Harpoceras ikianum* Yokoyama, p.184, pl.20, fig.11a,b, Holotype. [see also Yokoyama (1904a)]
- MM7077. *Schlottheimia jimboi* Yokoyama, p.183, pl.20, fig.8, Holotype. [see also Yokoyama (1904a)]
- MM7080. *Fimblytoceras cfr. lineatum* (Schlottheim), p.184, pl.20, fig.10. [see also Yokoyama (1904a)]
- MM7082. *Grammoceras chibai* Yokoyama, p.184, pl.20, fig.9, Holotype. [see also Yokoyama (1904a)]
- MM7176. *Perna rikuzenica* Yokoyama, p.180, pl.19, fig.16, Holotype. [see also Yokoyama (1904a)]

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Shikama, T. (1943): continued

- MP7184. *Czekanowskia murryana* Lindl. and Hutt., p.189, pl.22, fig.10. [see also Yokoyama (1906)]
- MM7458. "Turrilites" *komotai* Yabe, p.212, pl.30, fig.4, Holotype. [see also Yabe (1904)]
- MM7460. *Tetragonites popetensis* Yabe, p.207, pl.28, fig.5, Holotype. (missing) [see also Yabe (1903b)]
- PV7477. *Helicoprion bessonowi* Karpinsky, p.164, pl.12, fig.14. [see also Yabe (1903a)]
- MM7478. *Pravitoceras sigmoidale* Yabe, p.212, pl.30, fig.2, Syntype. [see also Yabe (1910)]
- MM7489. *Trigonia longiloba* Jimbo, p.197, pl.25, fig.5, Lectotype. (missing) [see also Jimbo (1894)]
- MM7502. *Placenticeras subtilistriatum* Jimbo, p.210, pl.29, fig.9a,b, Syntype. [see also Jimbo (1894)]
- MM7509. *Zelandites kawanoi* (Jimbo), p.208, pl.28, fig.14, Holotype. [see also Jimbo (1894)]
- MM7512. *Acanthoceras asiaticum* (Jimbo), p.209, pl.29, fig.4, Holotype. [see also Jimbo (1894)]
- MM7516. *Acanthoceras (Kossmatia) pseudodeverianum* (Jimbo), p.210, pl.29, fig.6, Holotype. [see also Jimbo (1894)]
- MM7517. *Kossmaticeras kotoi* (Jimbo), p.208, pl.28, fig.12, Holotype. [see also Jimbo (1894)]
- MM7519. *Scaphites yokoyamai* Jimbo, p.209, pl.28, fig.16, Syntype. [see also Jimbo (1894)]
- MM7540. *Tetragonites sphaeronotus* Jimbo, p.206, pl.28, fig.4. [see also Yabe (1903b)]
- MM7551. *Helicoceras (?) venustum* Yabe, p.213, pl.30, fig.7, Paratype. [see also Yabe (1904)]
- MM7558. *Bostrychoceras otsukai multicostatum* (Yabe), p.210, pl.29, fig.10, Holotype. [see also Yabe (1904)]
- MM7560. *Nipponites mirabilis* Yabe, p.212, pl.30, fig.3, Holotype. [see also Yabe (1904)]
- MM7574. *Kossmaticeras japonicum* (Yabe), p.208, pl.28, fig.13, Holotype. [see also Yabe (1904)]
- MM7671. *Hamites (Anisoceras) indicus* Forbes, p.211, pl.29, fig.12. [see also Kawada (1934)]
- MM7672. *Hamites armatum* Sowerby, p.211, pl.29, fig.14. [see also Kawada (1934)]
- MM7680. *Parapachydiscus (Neopachydiscus) naumannii* (Yokoyama), p.209, pl.29, fig.2. [see also Kawada (1934)]

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Shikama, T. (1943): continued

- MM7929. *Plicatounio nakdongensis* Kobayashi and Suzuki, p.180, pl.19, fig. 17, Paratype. [see also Kobayashi and Suzuki (1936)]
- MM7940a. *Brotia wakinoensis* Kobayashi and Suzuki, p.181, pl.19, fig.24, Holotype. [see also Kobayashi and Suzuki (1936)]
- PF9450. *Pseudoschwagerina muongthensis* (Deprat), p.158, pl.9, fig.10b. [see also Ozawa (1925b)]
- PF9454. *Neoschwagerina craticulifera* (Schwager), p.160, pl.10, fig.7a. [see also Ozawa (1927a)]
- PF9456. *Yabeina globosa* (Yabe), p.161, pl.10, fig.9b. [see also Ozawa (1927a)]
- PF9464. *Yabeina globosa* (Yabe), p.161, pl.10, fig.9c. [see also Ozawa (1927a)]
- CM13143. *Molopophorus watanabei* Otuka, p.239, pl.38, fig.20, Holotype. [see also Otuka (1937c)]
- CE13381. *Astryclypeus manni ambigenus* Nisiyama, p.247, pl.41, fig.2. (missing) [see also Tokunaga (1903)]
- CV13814. *Stegodon sinensis* Owen, p.249, pl.41, fig.14. [see also Matsumoto (1915)]
- CM20218. *Natica janthostoma* Deshayes, p.236, pl.38, fig.5. [see also Yokoyama (1920)]
- CM20439. *Diplodonta usta* (Gould) = (*Mysia (Felania) usta* Gould), p.235, pl.37, fig.11. [see also Yokoyama (1920)]
- CM20486. *Astarte hakodatensis* Yokoyama, p.256, pl.44, fig.10a,b, Syntype. [see also Yokoyama (1920)]
- CM20556. *Chlamys cosibensis* (Yokoyama), p.241, pl.39, fig.4, Syntype. [see also Yokoyama (1920)]
- CM20562. *Chlamys miurensis* (Yokoyama), p.233, pl.37, fig.2, Syntype. [see also Yokoyama (1920)]
- CM20568. *Patinopecten tokyoensis* (Tokunaga), p.255, pl.44, fig.5. [see also Yokoyama (1920)]
- CM20586. *Pecten naganumana* Yokoyama, p.240, pl.39, fig.2, Syntype. [see also Yokoyama (1920)]
- CM20654. *Limopsis tokaiensis* Yokoyama, p.242, pl.39, fig.11a,b. (missing) [see also Yokoyama (1920)]
- CM20740. *Tornatina longispirata* Yamakawa, p.255, pl.44, fig.3a,b. (missing) [see also Yokoyama (1922a)]
- CM20754. *Cyllichna musashiensis* Tokunaga, p.255, pl.44, fig.4. [see also Yokoyama (1922a)]
- CM20766. *Ringicula musashinoensis* Yokoyama, p.255, pl.44, fig.1a,b. [see also Yokoyama (1922a)]

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- CM21013. *Scalaria yamakawai* Yokoyama, p.255, pl.44, fig.2a,b, Syntype. [see also Yokoyama (1922a)]
- CM21192. *Mactra sulcatoria* Deshayes, p.256, pl.44, fig.12a,b. [see also Yokoyama (1922a)]
- CM21275. *Tellina venulosa* Schrenck, p.256, pl.44, fig.8 L. [see also Yokoyama (1922a)]
- CM21276. *Tellina venulosa* Schrenck, p.256, pl.44, fig.8 R. [see also Yokoyama (1922a)]
- CM21398. *Cardium braunsi* Tokunaga, p.256, pl.44, fig.9. [see also Yokoyama (1922a)]
- CM21591. *Arca granosa* Linné, p.256, pl.44, fig.7. [see also Yokoyama (1922a)]
- CM21622. *Glycymeris yessoensis* (Sowerby), p.256, pl.44, fig.11a,b. (missing) [see also Yokoyama (1922a)]
- CM21650. *Leda confusa* Hanley, p.235, pl.37, fig.12. (missing) [see also Yokoyama (1922a)]
- CM21685. *Turritella saishuensis* Yokoyama, p.246, pl.40, fig.26, Syntype. (missing) [see also Yokoyama (1922a)]
- CM21734. *Clavatula (Surcula) sobrina* (Yokoyama), p.244, pl.40, fig.13a,b, Syntype. [see also Yokoyama (1923b)]
- CM21742. *Ancilla albocallosa* (Lischke), p.245, pl.40, fig.19a,b. [see also Yokoyama (1923b)]
- CM21745. *Cancellaria pristina* (Yokoyama), p.244, pl.40, fig.11a,b, Syntype. [see also Yokoyama (1923b)]
- CM21752. *Siphonalia cassidariaeformis* (Reeve), p.245, pl.40, fig.15. [see also Yokoyama (1923b)]
- CM21757. *Babylonia elata* (Yokoyama), p.243, pl.40, fig.5, Syntype. [see also Yokoyama (1923b)]
- CM21766. *Turritella perterebra* Yokoyama, p.246, pl.40, fig.25, Syntype. [see also Yokoyama (1923b)]
- CM21776. *Umbonium (Suchium) suchiense* Yokoyama, p.242, pl.40, fig.1a,b, Syntype. [see also Yokoyama (1923b)]
- CM21949. *Coralliphaga coralliphaga* Chemnitz, p.257, pl.44, fig.13a,b. [see also Yokoyama (1924a)]
- CM22074. *Periploma besshoensis* (Yokoyama), p.225, pl.34, fig.6a,b, Syntype. (missing) [see also Yokoyama (1924b)]
- CM22190. *Panope generosa* Gould, p.235, pl.37, fig.15. (missing) [see also Yokoyama (1925a)]
- CM22210. *Cultellus izumoensis* Yokoyama, p.236, pl.37, fig.16. (missing) [see also Yokoyama (1925a)]

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- CM22276. *Lucina (Myrtea) acutilineata* Conrad, p.234, pl.37, fig.9. (missing) [see also Yokoyama (1925a)]
- CM22294. *Venericardia (Cardites) ferruginea* (Adams and Reeve), p.234, pl.37, fig.5. (missing) [see also Yokoyama (1925a)]
- CM22608. *Thracia pubescens* Pulton, p.242, pl.39, fig.12. [see also Yokoyama (1925c)]
- CM22639. *Arca (Scapharca) amicula* Yokoyama, p.242, pl.39, fig.9, Syntype. [see also Yokoyama (1925c)]
- CM22667. *Fulgoraria megaspira striata* (Yokoyama), p.239, pl.38, fig.21, Syntype. (missing) [see also Yokoyama (1925d)]
- CM22819. *Chlamys kaneharai* (Yokoyama), p.233, pl.37, fig.1, Syntype. [see also Yokoyama (1926b)]
- CM22852. *Cerithium ishianum* Yokoyama, p.238, pl.38, fig.13, Syntype. (missing) [see also Yokoyama (1926c)]
- CM22884. *Soletellina minoensis* Yokoyama, p.235, pl.37, fig.14a,b, Syntype. [see also Yokoyama (1926e)]
- CM23024. *Mya (Arenomya) japonica* Jay, p.235, pl.37, fig.17a,b. (missing) [see also Yokoyama (1926e)]
- CM23030. *Tellina optiva* Yokoyama, p.235, pl.37, fig.13. (missing) [see also Yokoyama (1926e)]
- CM23060. *Nucula (Acila) mirabilis* Adams and Reeve, p.236, pl.38, fig.2a,b. (missing) [see also Yokoyama (1926e)]
- CM23479. *Cardita panda* Yokoyama, p.241, pl.39, fig.7a,b, Syntype. (missing) [see also Yokoyama (1926g)]
- CM23491. *Amussiopecten praesignis* (Yokoyama), p.241, pl.39, fig.3a,b. [see also Yokoyama (1926g)]
- CM23591. *Ostrea gravitesta* Yokoyama, p.233, pl.37, fig.4, Syntype. (missing) [see also Yokoyama (1926j)]
- CM25527. *Strombus mimasakensis* Yokoyama, p.236, pl.38, fig.6, Holotype. [see also Yokoyama (1929a)]
- CM25726. *Pecten takahashii* Yokoyama, p.240, pl.39, fig.1, Syntype. [see also Yokoyama (1930c)]
- CM26890. *Turritella kiiensis* Yokoyama, p.239, pl.38, fig.22. (missing) [see also Yokoyama (1929b)]
- CM26933. *Thyasira bisecta nipponica* Yabe and Nomura, p.234, pl.37, fig.7. (missing) [see also Yokoyama (1929b)]

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- PM0017. *Stereoplasmoceras pseudoseptum* Grabau, p.84, pl.4, fig.10. [see also Kobayashi (1928)]
- PM0024. *Tofangoceras irregulare* Kobayashi, p.84, pl.4, fig.8, Holotype. [see also Kobayashi (1928)]
- PM0027. *Actinoceras richthofeni* Frech, p.84, pl.4, fig.6. [see also Kobayashi (1928)]
- PM0073. *Pagodispira sakamotoi* Kobayashi, p.82, pl.3, fig.9, Holotype. [see also Kobayashi (1930)]
- PM0110. *Ellesmereoceras flexuostriatum* Kobayashi, p.82, pl.3, fig.11, Holotype. [see also Kobayashi (1931)]
- PA0386. *Quadraticephalus manchuricus* Kobayashi, p.80, pl.2, fig.6, Holotype. [see also Kobayashi (1933c)]
- PA0387. *Quadraticephalus manchuricus* Kobayashi, p.80, pl.2, fig.7, Paratype. [see also Kobayashi (1933c)]
- PA0399. *Tsinania canens* (Walcott), p.80, pl.2, fig.14. [see also Kobayashi (1933c)]
- PA0400. *Tsinania canens* (Walcott), p.80, pl.2, fig.15. [see also Kobayashi (1933c)]
- PA0448. *Eodiscus fusifrons* Saito, p.80, pl.2, fig.4, Holotype. [see also Saito (1934)]
- PA0495. *Oryctocephalus orientalis* Saito, p.78, pl.1, fig.10, Holotype. [see also Saito (1934)]
- PA0498. *Oryctocephalus orientalis* Saito, p.78, pl.1, fig.11, Paratype. [see also Saito (1934)]
- PH0511. *Diplograptus (Amplexograptus) perexcavatus* (Lapworth), p.82, pl.3, fig.12. (missing) [see also Kobayashi (1934b)]
- PB0520. *Orthis nipponica* Kobayashi, p.82, pl.3, fig.4a,b, Syntype. [see also Kobayashi (1934b)]
- PM0575. *Bucanopsis tsuibonensis* Kobayashi, p.82, pl.3, fig.5, Paratype. [see also Kobayashi (1934b)]
- PM0581. *Lophospira pagoda* (Salter), p.82, pl.3, fig.10a,b. [see also Kobayashi (1934b)]
- PM0599. *Raphistoma keizanense* Kobayashi, p.82, pl.3, fig.8a,b, Holotype. [see also Kobayashi (1934b)]
- PM0627. *Kotoceras multiseptum* Kobayashi, p.84, pl.4, fig.1a,b, Paratype. [see also Kobayashi (1934b)]
- PM0638. *Orthoceras seihekiense* Kobayashi, p.84, pl.4, fig.2a-c, Holotype. [see also Kobayashi (1934b)]

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- PM0645. *Sactorthoceras tenuicurvatum* Kobayashi, p.84, pl.4, fig.4, Holotype. [see also Kobayashi (1934b)]
- PM0657. *Cycloceras taihakuense* Kobayashi, p.84, pl.4, fig.3a,b, Paratype. [see also Kobayashi (1934b)]
- PM0669. *Trocholites ammonoides* Kobayashi, p.84, pl.4, fig.5, Holotype. [see also Kobayashi (1934b)]
- PA0708. *Basilicus yokusensis* Kobayashi, p.86, pl.5, fig.3, Paratype. [see also Kobayashi (1934b)]
- PA0720. *Basilicus deltacauda* Kobayashi, p.86, pl.5, fig.2, Holotype. [see also Kobayashi (1934b)]
- PA0724. *Basiliella kawasakii* Kobayashi, p.86, pl.5, fig.4, Holotype. [see also Kobayashi (1934b)]
- PA0746. *Parabasilicus typicus* Kobayashi, p.86, pl.5, fig.5, Holotype. [see also Kobayashi (1934b)]
- PA0751. *Parabasilicus shirakii* Kobayashi, p.86, pl.5, fig.6, Holotype. [see also Kobayashi (1934b)]
- PA0762. *Parabasilicus yamanarii* Kobayashi, p.86, pl.5, fig.7, Holotype. [see also Kobayashi (1934b)]
- PA0774. *Ogygitoides raymondi* Kobayashi, p.86, pl.5, fig.1, Paratype. [see also Kobayashi (1934b)]
- PB0910. *Obolus (Westonia) blackwelderi* Walcott, p.80, pl.2, fig.16. [see also Kobayashi (1935c)]
- PB0935. *Eoorthis shakuotunensis* Sun, p.78, pl.1, figs.6,7. [see also Kobayashi (1935c)]
- PM0946. *Hyolithes subcarinatus* Kobayashi, p.80, pl.2, fig.18 U., Syntype. (missing) [see also Kobayashi (1935c)]
- PM0947. *Hyolithes subcarinatus* Kobayashi, p.80, pl.2, fig.18 L., Syntype. (missing) [see also Kobayashi (1935c)]
- PA0953. *Agnostus rakuroensis* Kobayashi, p.78, pl.1, fig.13, Syntype. [see also Kobayashi (1935c)]
- PA1020. *Damesella octaspina* Kobayashi, p.80, pl.2, fig.13, Holotype. [see also Kobayashi (1935c)]
- PA1024. *Blackwelderia sinensis* (Bergeron), p.80, pl.2, fig.5. [see also Kobayashi (1935c)]
- PA1030. *Drepanura premesnili* Bergeron, p.79, pl.1, fig.8. [see also Kobayashi (1935c)]
- PA1035. *Kaolishania granulata* Kobayashi, p.80, pl.2, fig.3. [see also Kobayashi (1935c)]
- PA1038. *Kaolishania granulata* Kobayashi, p.78, pl.1, fig.9. [see also Kobayashi (1935c)]

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- PA1048. *Eochuangia hana* Kobayashi, p.80, pl.2, fig.11 U., Syntype. [see also Kobayashi (1935c)]
- PA1053. *Eochuangia hana* Kobayashi, p.80, pl.2, fig.11 L., Syntype. [see also Kobayashi (1935c)]
- PA1067. *Chuangia taihakuensis* Kobayashi, p.80, pl.2, fig.8, Holotype. [see also Kobayashi (1935c)]
- PA1068. *Chuangia taihakuensis* Kobayashi, p.80, pl.2, fig.10, Paratype. [see also Kobayashi (1935c)]
- PA1070. *Chuangia taihakuensis* Kobayashi, p.80, pl.2, fig.9, Paratype. [see also Kobayashi (1935c)]
- PA1092. *Conocoryphe lantenoisi* Mansuy, p.78, pl.1, fig.12. [see also Kobayashi (1935c)]
- PA1100. *Elrathia chuwaensis* Kobayashi, p.80, pl.2, fig.1, Holotype. [see also Kobayashi (1935c)]
- PS1425. *Chancelloria exillis* Saito, p.78, pl.1, fig.2, Holotype. [see also Saito (1936)]
- PB1452. *Botsfordia granulata* (Redlich), p.78, pl.1, fig.4. [see also Saito (1936)]
- PB1453. *Botsfordia granulata* (Redlich), p.78, pl.1, fig.5. [see also Saito (1936)]
- PM1476. *Coreospira rugosa* Saito, p.78, pl.1, fig.3, Paratype. [see also Saito (1936)]
- PA4187.* *Redlichia manchuriensis* Resser and Endo, p.78, pl.1, fig.14. (missing) [see also Kobayashi (1935c)]
- MB4215. *Rhynchonella sambosanensis* Kobayashi, p.106, pl.15, fig.2a-c, Syntype. [see also Kobayashi (1931d)]
- MM4221. *Entomonotis subcycloidea* Kobayashi, p.106, pl.15, fig.5, Holotype. [see also Kobayashi (1935b)]
- MM4226.* *Trigonoides kodairai* Kobayashi and Suzuki, p.114, pl.19, fig.14, Holotype. (missing) [see also Kobayashi and Suzuki (1936)]
- MM5026. *Minetrigonia hegiensis* (Saeki), p.114, pl.19, fig.12, Holotype. [see also Saeki (1925)]
- MM5028. *Trigonia yeharai* Saeki, p.114, pl.19, fig.11, Holotype. [see also Saeki (1925)]
- MM5029. *Tosapecten suzukii* (Kobayashi), p.106, pl.15, fig.14, Holotype. [see also Kobayashi (1931d)]
- MM5032. *Pecten fujimotoi* Kobayashi, p.106, pl.15, fig.13, Syntype. [see also Kobayashi (1935b)]
- MM5101. *Oxytoma yeharai* Kobayashi and Ichikawa, p.184, pl.54, fig.14, Holotype. [see also Kobayashi and Ichikawa (1950b)]

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- MM5106. *Oxytoma zitteli* (Teller), p.184, pl.54, fig.15. [see also Kobayashi and Ichikawa (1950b)]
- MM5116. *Oxytoma kashiwaiensis* Kobayashi and Ichikawa, p.184, pl.54, fig.13, Holotype. [see also Kobayashi and Ichikawa (1950b)]
- MM5144. *Pleurophorus oblongatus* Kobayashi and Ichikawa, p.184, pl.54, fig.11, Holotype. [see also Kobayashi and Ichikawa (1950a)]
- MM5151. *Myoconcha trapezoidalis posteroexpansa* Kobayashi and Ichikawa, p.184, pl.54, fig.12, Holotype. [see also Kobayashi and Ichikawa (1950a)]
- MM5152. *Anodontophora kochigataniensis* Kobayashi and Ichikawa, p.184, pl.54, fig.16, Holotype. [see also Kobayashi and Ichikawa (1950c)]
- MM5159. *Pleuromya forsbergi nipponica* Kobayashi and Ichikawa, p.184, pl.54, fig.17, Holotype. [see also Kobayashi and Ichikawa (1950c)]
- MM5185. *Schafhäutlia* sp., p.184, pl.54, fig.18. [see also Ichikawa (1950)]
- MM5187. *Chlamys mojisovicsi* Kobayashi and Ichikawa, p.184, pl.54, fig.1, Holotype. [see also Kobayashi and Ichikawa (1949a)]
- MM5208. "Velata" *infrequens* Kobayashi and Ichikawa, p.184, pl.54, fig.2, Holotype. [see also Kobayashi and Ichikawa (1949a)]
- MM5210. "Velata" cf. *sumeriensis* Kobayashi and Ichikawa, p.184, pl.54, fig.3. [see also Kobayashi and Ichikawa (1949s)]
- MM5213. *Lima naumanni* Kobayashi and Ichikawa, p.184, pl.54, fig.5, Paratype. (missing) [see also Kobayashi and Ichikawa (1994b)]
- MM5231. *Myophoria okuminotaniensis* Kobayashi and Ichikawa, p.184, pl.54, fig.4, Holotype. [see also Kobayashi and Ichikawa (1949b)]
- MM5243. *Trigonucula sakawana* Ichikawa, p.184, pl.54, fig.10, Paratype. [see also Ichikawa (1949)]
- MM5255. *Entomonotis zabaikalica* (Kiparisova), p.184, pl.54, fig.8. [see also Kobayashi and Ichikawa (1949c)]
- MM5261. *Entomonotis zabaikalica intermedia* Kobayashi and Ichikawa, p.184, pl.54, fig.9, Holotype. [see also Kobayashi and Ichikawa (1949c)]
- MM5272. *Entomonotis pachypleura* (Teller), p.184, pl.54, fig.7. [see also Kobayashi and Ichikawa (1949c)]
- MM5276. *Entomonotis tenuicostata* Kobayashi and Ichikawa, p.184, pl.54, fig.6, Holotype. [see also Kobayashi and Ichikawa (1949c)]
- MM5520. *Daonella yoshimurai* Kobayashi, p.106, pl.15, fig.10, Holotype. [see also Kobayashi (1935b)]
- MM5521. *Edentula ozawai* Kobayashi, p.106, pl.15, fig.11, Syntype. [see also Kobayashi (1935b)]
- CV6007. *Parastegodon akashiensis* Takai, p.160, pl.42, fig.11, Holotype. [see also Takai (1936a)]

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- CV6008.* *Palaeoloxodon aomoriensis* Tokunaga and Takai, p.188, pl.56, fig. 8, Holotype. [see also Tokunaga and Takai (1936)]
- CV6185. *Palaeotapirus yagii* Matsumoto, p.188, pl.56, fig.6. [see also Takai (1949)]
- CV6186. *Teleoceras (Brachypotherium) pugnator* Matsumoto, p.188, pl.56, fig.7. [see also Takai (1949)]
- CV6187.* *Amynodon watanabei* (Tokunaga), p.188, pl.56, fig.5. [see also Takai (1950)]
- MM6301. *Phyllopachyceras ezoense* (Yokoyama), p.132, pl.28, fig.2. (missing) [see also Kawada (1934)]
- MM6303. *Pseudogaudryceras infrequence* (Yabe), p.132, pl.28, fig.8. (missing) [see also Kawada (1934)]
- MM6304. *Neogaudryceras ornatum* (Yabe), p.132, pl.28, fig.7. [see also Kawada (1934)]
- MM6307. *Epigonoceras glabrus* (Jimbo), p.132, pl.28, fig.3. [see also Kawada (1934)]
- MM6311. *Hamites (Anisoceras) subcompressus* Forbes, p.134, pl.29, fig.11. [see also Kawada (1934)]
- MM6313. *Parapachydiscus (Anapachydiscus) sutneri* (Yokoyama), p.134, pl.29, fig.3. (missing) [see also Kawada (1934)]
- MM6480. *Inoceramus concentricus* Parkinson var. *costatus* Nagao and Matsumoto, p.128, pl.26, fig.3, Lectotype. [see also Nagao and Matsumoto (1939)]
- MM6907. "Belemnites" sp., p.116, pl.20, fig.15. (missing) [see also Yokoyama (1904a)]
- MM6909. *Trigonia v-costata* Lycett, p.114, pl.19, fig.13. [see also Yokoyama (1904a)]
- MM6911. *Oppelia echizenica* Yokoyama, p.116, pl.20, fig.12, Holotype. (missing) [see also Yokoyama (1904b)]
- MM6918. *Gervillia trigona* Yokoyama, p.114, pl.19, fig.15, Paralectotype. [see also Yokoyama (1904a)]
- MM7001. "Unio" *ogamigoensis* Kobayashi and Suzuki, p.114, pl.19, fig.18, Holotype. [see also Kobayashi and Suzuki (1937)]
- MM7002. *Batissa (Tetoria) antiqua* Kobayashi and Suzuki, p.114, pl.19, fig.23, Holotype. [see also Kobayashi and Suzuki (1937)]
- MM7005. *Batissa (Tetoria) antiqua* Kobayashi and Suzuki, p.114, pl.19, fig.22, Paratype. [see also Kobayashi and Suzuki (1937)]
- MM7008. *Corbicula (Mesocorbicula) tetoriensis* Kobayashi and Suzuki, p.114, pl.19, fig.19, Holotype. [see also Kobayashi and Suzuki (1937)]
- MM7017. *Corbicula (Mesocorbicula) tetoriensis* Kobayashi and Suzuki, p.114, pl.19, fig.20, Paratype. [see also Kobayashi and Suzuki (1937)]

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- MM7022. *Viviparus onogoensis* Kobayashi and Suzuki, p.114, pl.19, fig.26, Holotype. [see also Kobayashi and Suzuki (1937)]
- MM7026. *Melanoides vulgaris minima* Kobayashi and Suzuki, p.114, pl.19, fig.25, Paratype. [see also Kobayashi and Suzuki (1937)]
- MM7030. *Pila (Turbinicola ?) nipponica* Kobayashi and Suzuki, p.114, pl.19, fig.27, Syntype. [see also Kobayashi and Suzuki (1937)]
- ME7031. *Pseudosaccocoma japonica* Kobayashi, p.114, pl.19, fig.8, Holotype. [see also Kobayashi (1935e)]
- MM7033.* *Haugia japonica* (Neumayr) = (*Harpoceras japonica* Neumayr), p.116, pl.20, fig.14, Holotype. [see also Kobayashi (1935e)]
- MM7034. *Horioceras mitodaense* Kobayashi, p.116, pl.20, fig.13, Holotype. [see also Kobayashi (1935e)]
- MM7036. *Lithacoceras tarodaense* Kobayashi, p.116, pl.20, fig.5, Holotype. [see also Kobayashi (1935e)]
- MM7056. *Perisphinctes (Biplices) kaizaranus* Yokoyama, p.116, pl.20, fig.2, Holotype. [see also Yokoyama (1904b)]
- MM7065. *Hildoceras densicostatum* Yokoyama, p.116, pl.20, fig.4, Paralectotype. [see also Yokoyama (1904b)]
- MM7066. *Coeloceras subfibulatum* Yokoyama, p.116, pl.20, fig.6, Lectotype. [see also Yokoyama (1904b)]
- MM7074. *Dactylioceras helianthoides* Yokoyama, p.116, pl.20, fig.7, Paralectotype. [see also Yokoyama (1904b)]
- MM7076. *Harpoceras ikianum* Yokoyama, p.116, pl.20, fig.11a,b, Holotype. [see also Yokoyama (1904a)]
- MM7077. *Schlottheimia jimboi* Yokoyama, p.116, pl.20, fig.8, Holotype. [see also Yokoyama (1904a)]
- MM7080. *Fimblytoceras cfr. lineatum* (Schlottheim), p.116, pl.20, fig.10. [see also Yokoyama (1904a)]
- MM7082. *Grammoceras chibai* Yokoyama, p.116, pl.20, fig.9, Holotype. [see also Yokoyama (1904a)]
- MM7176. *Isognomon rikuzenica* (Yokoyama), p.114, pl.19, fig.16, Holotype. [see also Yokoyama (1904a)]
- MP7184. *Czekanowskia murryana* Lindl. and Hutt., p.120, pl.22, fig.10. [see also Yokoyama (1906)]
- MM7458. *Hypoturritilites komotai* (Yabe), p.136, pl.30, fig.4, Holotype. [see also Yabe (1904)]
- MM7460. *Epigonoceras popetensis* (Yabe), p.132, pl.28, fig.5, Holotype. (missing) [see also Yabe (1903b)]
- PV7477. *Helicoprion bessonowi* Karpinsky, p.100, pl.12, fig.14. [see also Yabe (1903a)]

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- MM7478. *Pravitoceras sigmoidale* Yabe, p.136, pl.30, fig.2, Syntype. [see also Yabe (1910)]
- MM7489. *Trigonia longiloba* Jimbo, p.126, pl.25, fig.5, Lectotype. (missing) [see also Jimbo (1894)]
- MM7502. *Metaplacenticeras subtilistriatum* (Jimbo), p.134, pl.29, fig.9a,b, Syntype. [see also Jimbo (1894)]
- MM7509. *Zelandites kawanoi* (Jimbo), p.132, pl.28, fig.14, Holotype. [see also Jimbo (1894)]
- MM7512. *Acanthoceras asiaticum* (Jimbo), p.134, pl.29, fig.4, Holotype. [see also Jimbo (1894)]
- MM7516. *Romaniceras pseudodeverianum* (Jimbo), p.134, pl.29, fig.6, Holotype. [see also Jimbo (1894)]
- MM7517. *Kossmaticeras kotoi* (Jimbo), p.132, pl.28, fig.12, Holotype. [see also Jimbo (1894)]
- MM7519. *Scaphites yokoyamai* Jimbo, p.132, pl.28, fig.16, Syntype. [see also Jimbo (1894)]
- MM7540. *Epigoniceras sphaeronotus* (Jimbo), p.132, pl.28, fig.4. [see also Yabe (1903b)]
- MM7551. *Scalarites venustus* (Yabe), p.136, pl.30, fig.7, Paratype. [see also Yabe (1904)]
- MM7558. *Bostrychoceras otsukai multicostatum* (Yabe), p.134, pl.29, fig.10, Holotype. [see also Yabe (1904)]
- MM7560. *Nipponites mirabilis* Yabe, p.136, pl.30, fig.3, Holotype. [see also Yabe (1904)]
- MM7574. *Desmoceras (Pseudouhligella) japonica* Yabe, p.132, pl.28, fig.13, Holotype. [see also Yabe (1904)]
- MM7671. *Glyptoxoceras indicum* (Forbes), p.134, pl.29, fig.12. [see also Kawada (1934)]
- MM7672. *Hamites armatum* Sowerby, p.134, pl.29, fig.14. [see also Kawada (1934)]
- MM7680. *Parapachydiscus (Anapachydiscus) naumannii* (Yokoyama), p.134, pl.29, fig.2. [see also Kawada (1934)]
- MM7929. *Plicatounio naktongensis* Kobayashi and Suzuki, p.114, pl.19, fig.17, Paratype. [see also Kobayashi and Suzuki (1936)]
- MM7940a. *Brotia wakinoensis* Kobayashi and Suzuki, p.114, pl.19, fig.24, Holotype.
- PF9450. *Pseudoschwagerina muongthensis* (Deprat), p.94, pl.9, fig.10b. [see also Ozawa (1925b)]
- PF9454. *Neoschwagerina craticulifera* (Schwager), p.96, pl.10, fig.7a. [see also Ozawa (1927a)]

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- PF9456. *Yabeina globosa* (Yabe), p.96, pl.10, fig.9b. [see also Ozawa (1927a)]
- PF9464. *Yabeina globosa* (Yabe), p.96, pl.10, fig.9c. [see also Ozawa (1927a)]
- CM13143. *Molopophorus watanabei* Otuka, p.152, pl.38, fig.20, Holotype. [see also Otuka (1937c)]
- CE13381. *Astryclypeus manni ambigenus* Nisiyama, p.158, pl.41, fig.2. (missing) [see also Tokunaga (1903)]
- CV13814. *Stegodon sinensis* Owen, p.158, pl.41, fig.14. [see also Matsumoto (1915)]
- CM15223. *Batissa mirabilis* (Nagao), p.186, pl.55, fig.8. [see also Suzuki (1941c)]
- CM15235. *Corbicula hizenensis* Ueji, p.186, pl.55, fig.7a,b. (missing) [see also Suzuki (1941c)]
- CM15242. *Corbicula matusitai* Suzuki, p.186, pl.55, fig.6, Paratype. [see also Suzuki (1941c)]
- CM20218. *Tectonatica janthostoma* (Deshayes), var., p.152, pl.38, fig.5. [see also Yokoyama (1920)]
- CM20439. *Diplodonta usta* (Gould), p.150, pl.37, fig.11. [see also Yokoyama (1920)]
- CM20486. *Astarte hakodatensis* Yokoyama, p.164, pl.44, fig.10a,b, Syntype. [see also Yokoyama (1920)]
- CM20556. *Chlamys cosibensis* (Yokoyama), p.154, pl.39, fig.4, Syntype. [see also Yokoyama (1920)]
- CM20562. *Chlamys miurensis* (Yokoyama), p.150, pl.37, fig.2, Syntype. [see also Yokoyama (1920)]
- CM20568. *Patinopecten tokyoensis* (Tokunaga), p.164, pl.44, fig.5. [see also Yokoyama (1920)]
- CM20586. *Pecten (Notovola) naganumana* Yokoyama, p.154, pl.39, fig.2, Syntype. [see also Yokoyama (1920)]
- CM20654. *Limopsis tokaiensis* Yokoyama, p.154, pl.39, fig.11a,b. (missing) [see also Yokoyama (1920)]
- CM20740. *Acteocina (Decorifer) longispirata* (Yamakawa), p.164, pl.44, fig.3a,b. (missing) [see also Yokoyama (1922a)]
- CM20754. *Eocylichna musashiensis* (Tokunaga), p.164, pl.44, fig.4. [see also Yokoyama (1922a)]
- CM20766. *Ringicula (Ringiculina) doliaris* Gould, p.164, pl.44, fig.1a,b. [see also Yokoyama (1922a)]
- CM21013. *Epitonium yamakawai* (Yokoyama), p.164, pl.44, fig.2a,b, Syntype. [see also Yokoyama (1922a)]

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- CM21192. *Mactra sulcataaria* Deshayes, p.164, pl.44, fig.12a,b. [see also Yokoyama (1922a)]
- CM21275. *Tellina venulosa* Schrenck, p.164, pl.44, fig.8 L. [see also Yokoyama (1922a)]
- CM21276. *Tellina venulosa* Schrenck, p.164, pl.44, fig.8 R. [see also Yokoyama (1922a)]
- CM21398. *Cardium braunsi* Tokunaga, p.164, pl.44, fig.9. [see also Yokoyama (1922a)]
- CM21591. *Anadara (Tegillarca) granosa* (Linné), p.164, pl.44, fig.7. [see also Yokoyama (1922a)]
- CM21622. *Glycymeris yessoensis* (Sowerby), p.164, pl.44, fig.11a,b. (missing) [see also Yokoyama (1922a)]
- CM21650. *Saccella confusa* (Hanley) (= *Leda confusa* Hanley), 150, pl.37, fig.12. (missing) [see also Yokoyama (1922a)]
- CM21685. *Turritella saishuensis* Yokoyama, p.156, pl.40, fig.26, Syntype. (missing) [see also Yokoyama (1923a)]
- CM21734. *Turricula sobrina* (Yokoyama), p.156, pl.40, fig.13a,b, Syntype. [see also Yokoyama (1923b)]
- CM21742. *Ancilla okawai* Yokoyama, p.156, pl.40, fig.19a,b, Syntype. [see also Yokoyama (1923b)]
- CM21745. *Cancellaria pristina* (Yokoyama), p.156, pl.40, fig.11a,b, Syntype. [see also Yokoyama (1923b)]
- CM21752. *Siphonalia cassidariaeformis* (Reeve), p.156, pl.40, fig.15. [see also Yokoyama (1923b)]
- CM21757. *Babylonia elata* (Yokoyama), p.156, pl.40, fig.5, Syntype. [see also Yokoyama (1923b)]
- CM21766. *Turritella perterebra* Yokoyama, p.156, pl.40, fig.25, Syntype. [see also Yokoyama (1923b)]
- CM21776. *Umbonium (Suchium) suchiense* Yokoyama, p.156, pl.40, fig.1a,b, Syntype. [see also Yokoyama (1923b)]
- CM21949. *Coralliophaga coralliophaga* Chemnitz, p.164, pl.44, fig.13a,b. [see also Yokoyama (1924a)]
- CM22074. *Periploma besshoensis* (Yokoyama), p.144, pl.34, fig.6a,b, Syntype. (missing) [see also Yokoyama (1924b)]
- CM22190. *Panope generosa* Gould, p.150, pl.37, fig.15. (missing) [see also Yokoyama (1925a)]
- CM22210. *Phaxas izumoensis* (Yokoyama), p.150, pl.37, fig.16, Syntype. (missing) [see also Yokoyama (1925a)]
- CM22276. *Lucina (Myrtea) acutilineata* Conrad, p.150, pl.37, fig.9. (missing) [see also Yokoyama (1925a)]

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- CM22294. *Venericardia (Cardites) ferruginea* (Adams and Reeve), p.150, pl.37, fig.5. (missing) [see also Yokoyama (1925a)]
- CM22608. *Thracia kakumana* (Yokoyama), p.154, pl.39, fig.12. (missing) [see also Yokoyama (1925c)]
- CM22639. *Anadara (Diluvarca) amicula* (Yokoyama), p.154, pl.39, fig.9, Syntype. [see also Yokoyama (1925c)]
- CM22667. *Fulgoraria striata* (Yokoyama), p.152, pl.38, fig.21, Syntype. (missing) [see also Yokoyama (1925d)]
- CM22819. *Chlamys kaneharai* (Yokoyama), p.150, pl.37, fig.1. Syntype. [see also Yokoyama (1926b)]
- CM22852. *Vicaryella ishiiana* (Yokoyama), p.150, pl.38, fig.13, Syntype. (missing) [see also Yokoyama (1926c)]
- CM22884. *Sanguinolaria minoensis* (Yokoyama), p.150, pl.37, fig.14a,b, Syntype. (missing) [see also Yokoyama (1926c)]
- CM23024. *Mya (Arenomya) japonica* Jay, p.150, pl.37, fig.17. (missing) [see also Yokoyama (1926e)]
- CM23030. *Macoma optiva* (Yokoyama), p.150, pl.37, fig.13. (missing) [see also Yokoyama (1926e)]
- CM23060. *Acila divaricata* (Hinds), p.152, pl.38, fig.2a,b. (missing) [see also Yokoyama (1926e)]
- CM23479. *Cardites panda* (Yokoyama), p.154, pl.39, fig.7a,b, Syntype. (missing) [see also Yokoyama (1926g)]
- CM23491. *Amussiopecten praesignis* (Yokoyama), p.154, pl.39, fig.3a,b. [see also Yokoyama (1926g)]
- CM23591. *Ostrea gravitesta* Yokoyama, p.150, pl.37, fig.4, Syntype. (missing) [see also Yokoyama (1926j)]
- CM25527. *Strombus mimasakensis* Yokoyama, p.152, pl.38, fig.6, Holotype. [see also Yokoyama (1929a)]
- CM25726. *Pecten (Fortipecten) takahashii* Yokoyama, p.154, pl.39, fig.1, Syntype. [see also Yokoyama (1930c)]
- CM26890. *Turritella kiiensis* Yokoyama, p.152, pl.38, fig.22. (missing) [see also Yokoyama (1929b)]
- CM26933. *Thyasira bisecta nipponica* Yabe and Nomura, p.150, pl.37, fig.7. (missing) [see also Yokoyama (1929b)]

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Shikama, T. (1964): Index fossils of Japan. 287pp., 80 pls., 32 text-figs., Asakura Shoten, Tokyo, Japan. [in Japanese]

- PW1994. *Notaculites toyomensis* Kobayashi, p.88, pl.21, fig.1, Syntype. [see also Kobayashi (1945)]
- PA2273.* *Cheirurus (Crotalocephalus) japonicus* Kobayashi and Igo, p.162, pl.58, fig.17, Holotype. [see also Kobayashi and Igo (1956)]
- PM2315. *Michelinoceras hidense* Kobayashi, p.146, pl.50, fig.1, Holotype. [see also Kobayashi (1958b)]
- MM2531. *Neohibolites miyakoensis* Hanai, p.160, pl.57, fig.16, Holotype. [see also Hanai (1953)]
- MM2533. *Neohibolites miyakoensis* Hanai, p.160, pl.57, fig.17, Paratype. (missing) [see also Hanai (1953)]
- MM2539. *Neohibolites eguchi* Hanai, p.160, pl.57, fig.15, Holotype. [see also Hanai (1953)]
- CA2541. *Callistocythere nipponica* Hanai, p.166, pl.60, fig.14, Holotype. [see also Hanai (1957a)]
- CA2563. *Callistocythere undulatifascialis* Hanai, p.166, pl.60, fig.17, Paratype. [see also Hanai (1957a)]
- CA2572. *Callistocythere japonica* Hanai, p.166, pl.60, fig.15, Holotype. [see also Hanai (1957a)]
- CA2573. *Callistocythere japonica* Hanai, p.166, pl.60, fig.16, Paratype. [see also Hanai (1957a)]
- CA2582. *Tanella miurensis* Hanai, p.166, pl.60, figs.19-21, Holotype. [see also Hanai (1957a)]
- MM2661. *Bakevellia otariensis* Hayami, p.120, pl.37, fig.14, Paratype. [see also Hayami (1957a)]
- MM2670. *Bakevellia cassianelloides* Kobayashi and Hayami, p.120, pl.37, fig.15a,b, Paratype. [see also Hayami (1957a)]
- MM2676. *Isognomon rikuzenicus* (Yokoyama), p.120, pl.37, fig.18. [see also Hayami (1957b)]
- MM2679. *Isognomon rikuzenicus* (Yokoyama), p.120, pl.37, fig.19. [see also Hayami (1957b)]
- MM2690. *Radulonectites japonicus* Hayami, p.124, pl.39, fig.16, Paratype. [see also Hayami (1957d)]
- MM2697. *Chlamys kurumensis* Hayami, p.124, pl.39, fig.22, Holotype. [see also Hayami (1957e)]
- MM2705. "Camptonectes" *oishii* Kobayashi and Hayami, p.124, pl.39, fig.5, Holotype. [see also Hayami (1957e)]
- MM2719. *Volsella bakevelloides* Hayami, p.120, pl.37, fig.21, Holotype. [see also Hayami (1958a)]

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- MM2723. *Mytilus (Falcimytilus) heranirus* Hayami, p.120, pl.37, fig.29, Holotype. [see also Hayami (1958a)]
- MM2737. *Pteria (s. l.) kitakamiensis* Hayami, p.122, pl.38, fig.1, Holotype. [see also Hayami (1958a)]
- MM2767. *Hammatoceras tuberculata* Sato, p.154, pl.54, fig.10, Holotype. [see also Sato (1954b)]
- MM2771. *Hammatoceras subtile* Sato, p.154, pl.54, fig.11, Holotype. [see also Sato (1954b)]
- MM2780. *Hammatoceras hosourense* Sato, p.154, pl.54, fig.9, Paratype. [see also Sato (1954b)]
- MM2790. *Deroberas* sp., p.160, pl.57, fig.12. [see also Sato (1955)]
- MM2791. *Amaltheus* sp., p.152, pl.53, fig.17. [see also Sato (1955)]
- MM2794. *Stephanoceras* cf. *plicatissimum* (Quenstedt), p.152, pl.53, fig. 20. [see also Sato (1956b)]
- MM2808. *Pleuromya hashidatensis* Hayami, p.144, pl.40, fig.13, Holotype. [see also Hayami (1958d)]
- MM2812. *Thracia subrhombica* Hayami, p.144, pl.49, fig.22, Holotype. [see also Hayami (1958d)]
- MM2847. *Eomiodon vulgaris* Hayami, p.152, pl.44, fig.31, Paratype. [see also Hayami (1958b)]
- MM2865. *Yokoyamaina elliptica* (Yokoyama), p.134, pl.44, fig.29. [see also Hayami (1958b)]
- RA2901. *Neocyprideis pseudadonta* Hanai, p.166, pl.60, figs.25,26, Holotype. [see also Hanai (1959a)]
- RA2903. *Neocyprideis pseudadonta* Hanai, p.166, pl.60, fig.27, Paratype. [see also Hanai (1959a)]
- CA2906. *Krithe aff. bartomensis* (Jones), p.166, pl.60, fig.24. [see also Hanai (1959a)]
- CA2912. *Krithe sawanensis* Hanai, p.166, pl.60, figs.22,23, Paratype. [see also Hanai (1959a)]
- MM2927. *Campitonectes* (s. s.) *inexpectatus* Hayami, p.124, pl.39, fig.15, Holotype. [see also Hayami (1959a)]
- MM2931. *Geratriginia hosourensis* (Yokoyama), p.130, pl.42, fig.13. [see also Hayami (1959a)]
- MM2936. *Burmesia japonica* Hayami, p.144, pl.40, fig.15, Holotype. [see also Hayami (1959a)]
- MM2962. *Trigonia sumiyagura* Kobayashi and Kaseno, p.130, pl.42, fig.11. [see also Hayami (1959c)]
- MM2977. *Astarte sakamotoensis* Tamura, p.132, pl.43, fig.26, Paratype. [see also Tamura (1959b)]

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- MM2978. *Astarte defecta* Tamura, p.132, pl.43, fig.29, Holotype. [see also Tamura (1959b)]
- MM2981. *Astarte ogawensis* Kimura, p.132, pl.43, fig.8. [see also Tamura (1959b)]
- MM2985. *Astarte higoensis* Tamura, p.134, pl.44, fig.1, Holotype. [see also Tamura (1959b)]
- MM2988. *Myophorella (Haidaia) pulex* Tamura, p.130, pl.42, fig.23, Holotype. [see also Tamura (1959b)]
- MM3017. *Nuculana (Praesaccella) erinoensis* Kimura, p.118, pl.36, fig.1. [see also Tamura (1959c)]
- MM3047. *Chlamys (Radulopecten) nagatakensis* Kurata and Kimura, p.124, pl.39, fig.25. [see also Tamura (1959c)]
- MM3070. *Somapecten kamimanensis* Kimura, p.128, pl.41, fig.7. [see also Tamura (1959c)]
- MM3091. *Opis (Coelopis) tanourensis* Tamura, p.134, pl.44, fig.5a,b, Holotype. [see also Tamura (1959)]
- MM3105. *Eomiodon kumamotoensis* Tamura, p.134, pl.44, fig.30, Holotype. [see also Tamura (1959d)]
- MM3124. *Chlamys kobayashii* Hayami, p.124, pl.39, fig.23, Holotype. [see also Hayami (1959d)]
- MM3202. *Grammatodon (Indogrammatodon) densistriata* Tamura, p.118, pl.36, fig.5, Holotype. [see also Tamura (1959e)]
- MM3228. *Lima (Plagiostoma) enormalicosta* Tamura, p.128, pl.41, fig.10, Holotype. [see also Tamura (1959e)]
- MM3261. *Volsella bipartitus* (Sowerby), p.120, pl.37, fig.23. [see also Tamura (1960c)]
- MM3273. *Pinna cf. mitis* Phillips, p.122, pl.38, fig.26. [see also Tamura (1960c)]
- MM3278. *Pholadomya somensis* Tamura, p.144, pl.49, fig.17, Holotype. [see also Tamura (1960c)]
- MM3292. *Goniomya nonvscripta* Tamura, p.144, pl.49, fig.20, Holotype. [see also Tamura (1960c)]
- MM3293. *Goniomya nonvscripta* Tamura, p.144, pl.49, fig.21, Paratype. [see also Tamura (1960c)]
- MM3300. *Astarte sakamotoensis* Tamura, p.132, pl.43, fig.25. [see also Tamura (1960d)]
- MM3316. *Astarte (Coelastarte) somensis* Tamura, p.132, pl.43, fig.27, Paratype. [see also Tamura (1960d)]
- MM3317. *Opis (Trigonopis) torinosuensis* Kimura, p.134, pl.44, fig.4a,b. [see also Tamura (1960d)]

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- CA3337. *Cythere lutea uranipponica* Hanai, p.166, pl.60, fig.13, Paratype. [see also Hanai (1959b)]
- RA3338. *Cythere omotenipponica* Hanai, p.166, pl.60, fig.12, Holotype. [see also Hanai (1959b)]
- CA3346. *Loxocythere inflata* Hanai, p.166, pl.60, fig.18, Holotype. [see also Hanai (1959b)]
- MM3361. *Grammatodon toyorensis* Hayami, p.118, pl.36, fig.8, Holotype. [see also Hayami (1959h)]
- MM3381. *Chlamys textoria* (Goldfuss), p.124, pl.39, fig.21. [see also Hayami (1959h)]
- MM3384. "Aequipecten" *toyorensis* Hayami, p.124, pl.39, fig.24, Holotype. [see also Hayami (1959h)]
- MM3392. *Entolium cf. calvum* (Goldfuss), p.124, pl.39, fig.4. [see also Hayami (1959h)]
- MM3407. *Plicatula praenipponica* Hayami, p.124, pl.39, fig.1, Paratype. [see also Hayami (1959h)]
- MM3411. *Lima (Plagiostoma) kobayashii* (Hayami), p.128, pl.41, fig.11, Holotype. [see also Hayami (1959h)]
- MM3415. *Lima (Plagiostoma) matsumotoi* (Hayami), p.128, pl.41, fig.12, Paratype. [see also Hayami (1959h)]
- MM3418. *Lima (Antiquilima) nagatoensis* (Hayami), p.128, pl.41, fig.13, Holotype. [see also Hayami (1959h)]
- MM3432. *Lopha sazanami* Hayami, p.128, pl.41, fig.21, Holotype. [see also Hayami (1959h)]
- MM3451. *Sphaeriola nipponica* Hayami, p.136, pl.45, fig.22, Paratype. [see also Hayami (1959h)]
- MM3457. *Lucina (s. l.) hasei* Hayami, p.136, pl.45, fig.16, Paratype. [see also Hayami (1959h)]
- MM3476. *Daonella alta* Yabe and Shimizu, p.122, pl.38, fig.20. [see also Kobayashi and Tokuyama (1959a)]
- MM3497. *Daonella pectinoides* Kobayashi and Tokuyama, p.122, pl.38, fig.24. [see also Kobayashi and Tokuyama (1959a)]
- MM3517. *Daonella subquadrata* Yabe and Shimizu, p.122, pl.38, fig.23. [see also Kobayashi and Tokuyama (1950a)]
- MM3533. *Daonella pectinoides* Kobayashi and Tokuyama, p.122, pl.38, fig.25, Holotype. [see also Kobayashi and Tokuyama (1959a)]
- MM3697. *Arnioceras yokoyamai* (Matsumoto), p.152, pl.53, fig.14a,b. [see also Sato (1957)]
- MM3702. *Harpoceras okadai* (Yokoyama), p.154, pl.54, fig.4. [see also Sato (1957)]

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Shikama, T. (1964): continued

- MM3704. *Pinctada (Eopinctada) matsumotoi* Tamura, p.122, pl.38, fig.2, Holotype. [see also Tamura (1961)]
- MM3709. *Hosoureites ikianum* (Yokoyama), p.154, pl.54, fig.5. [see also Sato (1959a)]
- MM3811. *Aspidoceras* sp., p.150, pl.52, fig.12. [see also Sato (1962)]
- MM4221. *Entomonotis subcycloidea* (Kobayashi), p.122, pl.38, fig.9, Holotype. (missing) [see also Kobayashi (1935b)]
- MM4226.* *Trigonoides kodairai* Kobayashi and Suzuki, p.132, pl.43, fig.12, Holotype. (missing) [see also Kobayashi and Suzuki (1936)]
- MM4302. *Prosogyrotrigonia inouyei* (Yehara), p.130, pl.42, fig.15. [see also Kobayashi and Mori (1954)]
- MM4314.* *Geratrigonia hosourensis* (Yokoyama), p.130, pl.42, fig.12, Holotype. [see also Kobayashi and Mori (1954)]
- MM4316. *Geratrigonia lata* Kobayashi, p.130, pl.42, fig.14, Paratype. [see also Kobayashi and Mori (1954)]
- MM4323. *Vaugonia niranohamensis* Kobayashi and Mori, p.146, pl.42, fig.27, Holotype. [see also Kobayashi and Mori (1955)]
- MM4345. *Orthotrigonia corrugata* Kobayashi and Mori, p.132, pl.43, fig.1, Holotype. [see also Kobayashi and Mori (1955)]
- MM4347. *Myophorella (s. s.) dekaiboda* Kobayashi and Tamura, p.130, pl.42, fig.21, Paratype. [see also Kobayashi and Tamura (1955)]
- MM4355. *Myophorella (Promyophorella) orientalis* Kobayashi and Tamura, p.130, pl.42, fig.19, Holotype. [see also Kobayashi and Tamura (1955)]
- MM4363. *Myophorella (Haidaia) subcircularis* Kobayashi and Tamura, p.130, pl.42, fig.22, Holotype. [see also Kobayashi and Tamura (1955)]
- MM4369. *Myophorella (Promyophorella ?) hashimotoi* Kobayashi, p.130, pl.42, fig.20, Holotype. [see also Kobayashi (1956a)]
- MM4375. *Linotrigonia toyamai* (Yehara), p.130, pl.42, fig.24. [see also Kobayashi (1956a)]
- MM4416. *Steinmannella (Yeharella) japonica* (Yehara), p.146, pl.42, fig.29. [see also Kobayashi and Amano (1955)]
- MM4421. *Steinmannella (Yeharella) kimurai* (Tokunaga and Shimizu), p.146, pl.42, fig.30. [see also Kobayashi and Amano (1955)]
- MM4424. *Steinmannella (Setotrigonia) shinoharai* Kobayashi and Amano, p.146, pl.42, fig.28, Holotype. [see also Kobayashi and Amano (1955)]
- MM4430. *Nipponitrigonia sagawai* (Yehara), p.130, pl.42, fig.16. [see also Kobayashi (1957a)]
- MM4446.* *Nipponitrigonia convexa* Kobayashi, p.130, pl.42, fig.17, Syntype. [see also Kobayashi (1957a)]

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- MM4459. *Acanthotrigonia moriana* (Yehara), p.132, pl.43, fig.5. [see also Kobayashi and Nakano (1957)]
- MM4462. *Acanthotrigonia pustulosa* (Nagao), p.132, pl.43, fig.6. [see also Kobayashi and Nakano (1957)]
- MM4463. *Acanthotrigonia longiloba* (Jimbo), p.132, pl.43, fig.3. [see also Kobayashi and Nakano (1957)]
- MM4464. *Acanthotrigonia longiloba* (Jimbo), p.132, pl.43, fig.4. [see also Kobayashi and Nakano (1957)]
- MM4467.* *Acanthotrigonia ogawai* (Yehara), p.132, pl.43, fig.2. [see also Kobayashi and Nakano (1957)]
- MM4470. *Palaeopharus (Minepharus) triadicus* Tokuyama, p.130, pl.42, fig.1, Holotype. [see also Tokuyama (1958c)]
- MM4492. *Waagenoperna triangularis* (Kobayashi and Ichikawa), p.120, pl.37, fig.16. [see also Tokuyama (1959a)]
- MM4525. *Halobia atsuensis* Tokuyama, p.122, pl.38, fig.18, Holotype. [see also Tokuyama (1959b)]
- MM4565. *Parallelodon (Palaeocucullaea) monobensis* Nakazawa, p.118, pl.36, fig.4. [see also Tokuyama (1960b,c)]
- MM4575. *Liostrea (Catinula) shiraiwensis* Tokuyama, p.128, pl.41, fig.18, Holotype. [see also Tokuyama (1960b,c)]
- MM4582. *Minetrigonia katayamai* Kobayashi and Ichikawa, p.130, pl.42, fig.25. [see also Tokuyama (1960b,c)]
- MM4596. *Homomya matsuoensis* Nakazawa, p.144, pl.49, fig.14. [see also Tokuyama (1960b,c)]
- MB4602. *Sakawaihynchia tokomboensis* Kobayashi and Tokuyama, p.94, pl.24, fig.15, Syntype. [see also Tokuyama (1957a)]
- MB4610. "*Rhynchonella*" *noichiensis* Tokuyama, p.94, pl.24, fig.13, Holotype. [see also Tokuyama (1957a)]
- MB4628. *Spiriferinoides sakawanus* Kobayashi and Tokuyama, p.94, pl.24, fig.32, Holotype. [see also Tokuyama (1957b)]
- MB4631. *Spiriferinoides yeharai* Kobayashi and Tokuyama, p.94, pl.24, fig.33, Holotype. [see also Tokuyama (1957b)]
- MB4636. *Punctospirifer triadicus* Tokuyama, p.96, pl.25, fig.3, Paratype. [see also Tokuyama (1957b)]
- MB4645. "*Rhynchonella*" cf. *haradai* Neumayr, p.94, pl.24, fig.14. [see also Tokuyama (1957c)]
- MB4648. *Burmirhynchia japonica* Tokuyama, p.94, pl.24, fig.16a,b, Holotype. [see also Tokuyama (1957c)]
- MB4650. *Burmirhynchia torinosuensis* Tokuyama, p.94, pl.24, fig.17, Holotype. [see also Tokuyama (1957c)]

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- CM4680. *Argonauta tokunagai* Yokoyama, p.160, pl.57, fig.13, Syntype. [see also Yokoyama (1913)]
- CM4681. *Izumonauta lata* Kobayashi, p.160, pl.57, fig.14, Holotype. [see also Kobayashi (1954c)]
- CM4691.* *Tectus (Rochia) japonicus* Horikoshi, p.98, pl.26, fig.24, Holotype. [see also Kobayashi and Horikoshi (1958)]
- CM4693.* *Globularia (Globularia) nakamurai* Otuka, p.106, pl.30, fig.10. [see also Kobayashi and Horikoshi (1958)]
- CM4694.* *Conus (Pionoconus) nakamurai* Otuka, p.114, pl.34, fig.25. [see also Kobayashi and Horikoshi (1958)]
- CM4696.* *Aturia cf. minoensis* Kobayashi, p.146, pl.50, fig.14. [see also Kobayashi and Horikoshi (1958)]
- MM4833. *Hildoceras chrysanthemum* Yokoyama, p.154, pl.54, fig.2. [see also Hayami (1961c)]
- ME4837. *Pentacrinus* sp., p.168, pl.61, fig.8. [see also Hayami (1961c)]
- MM4855a. *Apotrigonia crassoradiata* Nakano, p.132, pl.43, fig.10, Holotype. [see also Nakano (1957)]
- MM4857a. *Apotrigonia jimboi* Nakano, p.132, pl.43, fig.9, Holotype. [see also Nakano (1957)]
- MM5001.* *Daonella kotoi* Mojsisovics, p.122, pl.38, fig.21, Holotype. [see also Mojsisovics (1888)]
- MM5026. *Minetrigonia hegiensis* (Saeki), p.130, pl.42, fig.26, Lectotype. [see also Saeki (1925)]
- MM5029. *Tosapecten suzukii regularis* Kobayashi and Ichikawa, p.124, pl.39, fig.18, Holotype. [see also Kobayashi and Ichikawa (1949a)]
- MM5032. *Tosapecten suzukii fujimotoi* (Kobayashi), p.124, pl.39, fig.19, Syntype. [see also Kobayashi (1935b)]
- MM5101. *Oxytoma yeharai* Kobayashi and Ichikawa, p.122, pl.38, fig.4, Holotype. [see also Kobayashi and Ichikawa (1950b)]
- MM5116. *Oxytoma kashiwaiensis* Kobayashi and Ichikawa, p.122, pl.38, fig.5, Holotype. [see also Kobayashi and Ichikawa (1950b)]
- MM5133. *Volsella paronaiformis* Kobayashi and Ichikawa, p.120, pl.37, fig.22, Holotype. [see also Kobayashi and Ichikawa (1950a)]
- MM5135. *Mytilus (Falcimytilus) nasai nagaides* Kobayashi and Ichikawa, p.120, pl.37, fig.28, Holotype. [see also Kobayashi and Ichikawa (1950a)]
- MM5144. *Pleurophorus oblongatus* (Kobayashi and Ichikawa), p.130, pl.42, fig.2, Holotype. [see also Kobayashi and Ichikawa (1950a)]
- MM5151. *Myoconcha trapezoidalis posteroexpansa* Kobayashi and Ichikawa, p.130, pl.42, fig.6, Holotype. [see also Kobayashi and Ichikawa (1950a)]

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- MM5152. *Anodontophora kochigataniensis* Kobayashi and Ichikawa, p.130, pl. 42, fig.7, Holotype. [see also Kobayashi and Ichikawa (1950c)]
- MM5159. *Pleuromya forsbergi nipponica* Kobayashi and Ichikawa, p.144, pl. 49, fig.12, Holotype. [see also Kobayashi and Ichikawa (1950c)]
- MM5169. *Sakawanella triadica* Ichikawa, p.130, pl.42, fig.9, Holotype. [see also Ichikawa (1950)]
- MM5185. *Schafhäutlia* (?) sp., p.136, pl.45, fig.15. [see also Ichikawa (1950)]
- MM5187. *Chlamys mojsisovicsi* Kobayashi and Ichikawa, p.124, pl.39, fig. 20, Holotype. [see also Kobayashi and Ichikawa (1949a)]
- MM5208. "Velata" *infrequens* Kobayashi and Ichikawa, p.124, pl.39, fig.3, Holotype. [see also Kobayashi and Ichikawa (1949a)]
- MM5210. "Velata" cf. *sumeriensis* Kobayashi and Ichikawa, p.124, pl.39, fig.2. [see also Kobayashi and Ichikawa (1949a)]
- MM5213. *Lima naumanni* Kobayashi and Ichikawa, p.128, pl.41, fig.9, Paratype. (missing) [see also Kobayashi and Ichikawa (1949b)]
- MM5231. *Myophoria okuminotaniensis* Ichikawa, p.130, pl.42, fig.10, Holotype. [see also Kobayashi and Ichikawa (1949b)]
- MM5243. *Trigonucula sakawana* Ichikawa, p.116, pl.35, fig.21, Paratype. [see also Ichikawa (1949)]
- MM5255. *Entomonotis zabaikalica* (Kiparisova), p.122, pl.38, fig.13. [see also Kobayashi and Ichikawa (1949c)]
- MM5261. *Entomonotis zabaikalica intermedia* Kobayashi and Ichikawa, p.122, pl.38, fig.14, Holotype. [see also Kobayashi and Ichikawa (1949c)]
- MM5272. *Entomonotis pachypleura* (Teller), p.122, pl.38, fig.10. [see also Kobayashi and Ichikawa (1949c)]
- MM5276. *Entomonotis tenuicostata* Kobayashi and Ichikawa, p.122, pl.38, fig.15, Holotype. [see also Kobayashi and Ichikawa (1949c)]
- MM5370. *Entomonotis iwaiensis* Ichikawa, p.122, pl.38, fig.16, Paratype. [see also Ichikawa (1951b)]
- MM5376. *Palaeopharus maizurensis* Kobayashi and Ichikawa, p.130, pl.42, fig.3. [see also Kobayashi and Ichikawa (1952a)]
- MM5380a. *Cardinia triadica* Kobayashi and Ichikawa, p.130, pl.42, fig.4, Holotype. [see also Kobayashi and Ichikawa (1952a)]
- MM5400. *Cardinia misawensis* Kobayashi and Ichikawa, p.130, pl.42, fig.5, Paratype. [see also Kobayashi and Ichikawa (1952b)]
- MM5403. *Naticella* (?) *infrequens* Kobayashi and Ichikawa, p.100, pl.27, fig.13, Paratype. [see also Kobayashi and Ichikawa (1952b)]
- MM5520. *Daonella yoshimurai* Kobayashi, p.122, pl.38, fig.19, Holotype. [see also Kobayashi (1935b)]

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- MM5521. *Waagenoperna ozawai* (Kobayashi), p.120, pl.37, fig.17, Syntype. [see also Kobayashi (1935b)]
- CV6007. *Parastegodon akashiensis* Takai, p.180, pl.67, fig.7a,b, Holotype. [see also Takai (1936a)]
- CV6008.* *Palaeoloxodon aomoriensis* Tokunaga and Takai, p.180, pl.67, fig. 12a,b, Holotype. [see also Tokunaga and Takai (1936)]
- CV6142. *Avitolabrax denticulatus* Takai, p.174, pl.64, fig.1, Holotype. [see also Takai (1942)]
- CV6185. *Palaeotapirus yagii* Matsumoto, p.182, pl.68, fig.7. [see also Takai (1949)]
- CV6186. *Chiloterium pugnator* (Matsumoto), p.182, pl.68, fig.11. [see also Takai (1949)]
- CV6187.* *Amynodon watanabei* (Tokunaga), p.182, pl.68, fig.8. [see also Takai (1950)]
- CV6189. "Anthraco thema" *tuchiya i* Takai, p.182, pl.68, fig.13a,b, Holotype. [see also Takai (1961)]
- MM6301. *Phyllopachyceras ezoense* (Yokoyama), p.150, pl.52, fig.4. (missing) [see also Kawada (1934)]
- MM6303. *Pseudogaudryceras infrequence* (Yabe), p.150, pl.52, fig.13. (missing) [see also Kawada (1934)]
- MM6311. *Anisoceras subcompressus* Forbes, p.150, pl.52, fig.22. [see also Kawada (1934)]
- MM6330. *Thiara (Siragimelania) tateiwai* Suzuki, p.104, pl.29, fig.13a,b, Paratype. [see also Suzuki (1940)]
- MM6388. *Trigonoides paucisulcatus* Suzuki, p.132, pl.43, fig.13a,b, Holotype. [see also Suzuki (1940)]
- MM6452. *Pleuronectites hirabarensis* Amano, p.124, pl.39, fig.6, Holotype. [see also Amano (1955)]
- MM6470. *Perisphinctes (s. s.) ozikaensis* Fukada, p.154, pl.54, fig.14, Holotype. [see also Fukada (1950)]
- MM6480. *Inoceramus concentricus costatus* Nagao and Matsumoto, p.120, pl. 37, fig.6, Lectotype. [see also Nagao and Matsumoto (1939)]
- MM6494. *Inoceramus hobetsensis* Nagao and Matsumoto, p.120, pl.37, fig.8, Syntype. [see also Nagao and Matsumoto (1939)]
- MM6565. *Scalarites mihensis* Wright and Matsumoto, p.152, pl.53, fig.5, Paratype. [see also Wright and Matsumoto (1954)]
- MM6591. *Eogunnarites unicus* (Yabe), p.158, pl.56, fig.11a,b. [see also Wright and Matsumoto (1954)]
- MM6705. *Desmoceras (Pseudouhligella) ezoanum* Matsumoto, p.156, pl.55, fig.1, Holotype. [see also Matsumoto (1954a)]

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- MM6718. *Tragodesmoceroides subcostatus* Matsumoto, p.154, pl.54, fig.21, Holotype. [see also Matsumoto (1954a)]
- MM6851. *Canadoceras multicostatum* Matsumoto, p.158, pl.56, fig.16, Paratype. [see also Matsumoto (1954a)]
- MM6863. *Marshallites compressus* Matsumoto, p.158, pl.56, fig.4, Holotype. [see also Matsumoto (1955a)]
- MM6877. *Eomadrasites subnipponicus* Matsumoto, p.158, pl.56, fig.6, Holotype. [see also Matsumoto (1955a)]
- MM6911. *Oppelia echizenica* Yokoyama, p.154, pl.54, fig.15, Holotype. (missing) [see also Yokoyama (1904b)]
- MM7001. *Unio ogamigoensis* Kobayashi and Suzuki, p.132, pl.43, fig.21, Holotype. [see also Kobayashi and Suzuki (1937)]
- MM7002. *Corbicula (Batissa) antiqua* (Kobayashi and Suzuki), p.136, pl.45, fig.3, Holotype. [see also Kobayashi and Suzuki (1937)]
- MM7008. *Corbicula (Velositina) tectoriensis* Kobayashi and Suzuki, p.136, pl.45, fig.7, Holotype. [see also Kobayashi and Suzuki (1937)]
- ME7031. *Pseudosaccocoma japonica* Kobayashi, p.168, pl.61, figs.5,6, Holotype. [see also Kobayashi (1935e)]
- MM7033.* *Haugia japonica* (Neumayr), p.154, pl.54, fig.6, Holotype. [see also Kobayashi (1935e)]
- MM7034. *Horioceras mitodaense* Kobayashi, p.154, pl.54, fig.16, Holotype. [see also Kobayashi (1935e)]
- MM7049. *Kepplerites (Seymourites) japonicus* Kobayashi, p.158, pl.55, fig.13, Holotype. [see also Kobayashi (1947)]
- MM7056. *Perisphinctes (Biplices) kaizaranus* Yokoyama, p.154, pl.54, fig.13, Holotype. [see also Yokoyama (1904b)]
- MM7065. *Hildoceras densicostatum* Yokoyama, p.154, pl.54, fig.1, Paralecotype. [see also Yokoyama (1904b)]
- MM7066. *Coeloceras subfibulatum* Yokoyama, p.152, pl.53, fig.19, Lectotype. [see also Yokoyama (1904b)]
- MM7074. *Dactylioceras helianthoides* Yokoyama, p.152, pl.53, fig.18, Paralecotype. [see also Yokoyama (1904b)]
- MM7076. *Harpoceras ikianum* Yokoyama, p.154, pl.54, fig.3a,b, Holotype. [see also Yokoyama (1904a)]
- MM7077. *Schlottheimia jimboi* Yokoyama, p.152, pl.53, fig.16, Holotype. [see also Yokoyama (1904a)]
- MM7080. *Fimbrytoceras cf. lineatum* (Schotheim), p.150, pl.52, fig.6. [see also Yokoyama (1904a)]
- MM7082. *Hammatoceras chibai* (Yokoyama), p.154, pl.54, fig.7, Holotype. [see also Yokoyama (1904a)]

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- PC7251. *Falsicatenipora japonica* (Sugiyama), p.86, pl.20, fig.11. [see also Hamada (1958)]
- PC7260. *Schedohalysites kitakamiensis* (Sugiyama), p.86, pl.20, fig.10. [see also Hamada (1958)]
- PC7272. *Halysites stüssmilchi* Whrenberg, p.86, pl.20, fig.9. [see also Hamada (1958)]
- PC7275. *Halysites tenuis* Hamada, p.86, pl.20, fig.8, Holotype. [see also Hamada (1958)]
- PA7279. "*Leperiditia*" *japonica* Hamada, p.166, pl.60, fig.8, Holotype. [see also Hamada (1959b)]
- PA7280. *Coronocephalus kobayashii* Hamada, p.162, pl.58, fig.18, Holotype. [see also Hamada (1959c)]
- PA7289. *Coronocephalus kobayashii* Hamada, p.162, pl.58, fig.19, Paratype. [see also Hamada (1959c)]
- PA7290. *Coronocephalus kobayashii* Hamada, p.162, pl.58, fig.20, Paratype. [see also Hamada (1959c)]
- PA7291. *Coronocephalus kobayashii* Hamada, p.162, pl.58, fig.21, Paratype. [see also Hamada (1959c)]
- PA7292. *Coronocephalus kobayashii* Hamada, p.162, pl.58, fig.22, Paratype. [see also Hamada (1959c)]
- PA7294. *Coronocephalus kobayashii* Hamada, p.162, pl.58, fig.23, Paratype. (missing) [see also Hamada (1959c)]
- PC7302. *Favosites hidensis* Kamei, p.86, pl.20, fig.6. [see also Hamada (1959d)]
- PA7443. *Phacops nonakai* Okubo, p.162, pl.58, fig.16, Holotype. [see also Obuko (1956)]
- MM7458. *Hypoturritilites komotai* (Yabe), p.152, pl.53, fig.3, Holotype. [see also Yabe (1904)]
- MM7460. *Epigoniceras popetensis* (Yabe), p.150, pl.52, fig.9, Holotype. (missing) [see also Yabe (1903b)]
- PV7477. *Helicoprion bessonowi* Karpinsky, p.172, pl.63, fig.1. [see also Yabe (1903a)]
- MM7478. *Pravitoceras sigmoidale* Yabe, p.152, pl.53, fig.4, Syntype. [see also Yabe (1902)]
- MM7488. *Heterotrigonia subovalis* (Jimbo), p.132, pl.43, fig.11, Lectotype. [see also Jimbo (1894)]
- MM7499. *Jimboiceras planulatiforme* (Jimbo), p.158, pl.56, fig.1, Lectotype. [see also Jimbo (1894)]
- MM7500. *Damesites damesi* (Jimbo), p.156, pl.55, fig.3a,b, Lectotype. [see also Jimbo (1894)]

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- MM7501.* *Anapachydiscus (Neopachydiscus) naumannii* (Yokoyama), p.160, pl.57, fig.4a,b, Syntype. [see also Matsumoto (1954a)]
- MM7509. *Zelandites kawanoi* (Jimbo), p.150, pl.52, fig.15, Holotype. [see also Jimbo (1894)]
- MM7512. *Acanthoceras asiaticum* (Jimbo), p.160, pl.57, fig.10, Holotype. [see also Jimbo (1894)]
- MM7516. *Romaniceras pseudodeverianum* (Jimbo), p.160, pl.57, fig.9, Holotype. [see also Jimbo (1894)]
- MM7517. *Yokoyamaoceras kotoi* (Jimbo), p.158, pl.56, fig.8a,b, Holotype. [see also Jimbo (1894)]
- MM7519. *Scaphites yokoyamai* Jimbo, p.150, pl.52, fig.19, Syntype. [see also Jimbo (1894)]
- MM7540. *Epigonoceras sphaeronotus* (Jimbo), p.150, pl.52, fig.8. [see also Yabe (1903b)]
- MM7551. *Scalarites venustus* (Yabe), p.152, pl.53, fig.6, Paratype. [see also Yabe (1904)]
- MM7553. *Hyphantoceras oshimai* (Yabe), p.152, pl.53, fig.9, Holotype. [see also Yabe (1904)]
- MM7558. *Bostrychoceras otukai multicostata* (Yabe), p.150, pl.52, fig.27, Holotype. [see also Yabe (1904)]
- MM7560. *Nipponites mirabilis* Yabe, p.152, pl.53, fig.11, Holotype. [see also Yabe (1904)]
- MM7574. *Desmoceras (Pseudouhligella) japonica* Yabe, p.154, pl.54, fig.19, Holotype. [see also Yabe (1904)]
- MM7618. *Pseudoxybeloceras quadrinodosum* (Jimbo), p.150, pl.52, fig.24. [see also Wright and Matsumoto (1954)]
- MM7619. *Neocrioceras (?) sanushibensis* Wright and Matsumoto, p.150, pl.52, fig.23, Holotype. [see also Wright and Matsumoto (1954)]
- MM7627. *Kossmaticeras japonicum* Matsumoto, p.158, pl.56, fig.2, Holotype. [see also Matsumoto (1955a)]
- MM7639. *Puzosia subcorbarica* Matsumoto, p.156, pl.55, fig.8, Holotype. [see also Matsumoto (1954b)]
- MM7643. *Anapachydiscus sutneri* (Yokoyama), p.160, pl.57, fig.3a,b. [see also Matsumoto (1954a)]
- MM7650. *Canadoceras kossmati* Matsumoto, p.158, pl.56, fig.14, Holotype. [see also Matsumoto (1954a)]
- MM7666. *Nipponites mirabilis sachalinensis* Kawada, p.152, pl.53, fig.12, Holotype. [see also Kawada (192, 1934)]
- MM7671. *Glyptoxoceras indicum* (Forbes), p.150, pl.52, fig.26. [see also Kawada (1934)]

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- MM7672. *Hamites armatus* Sowerby, p.150, pl.52, fig.21. [see also Kawada (1934)]
- MM7906. *Glauconia neumayri* Nagao, p.100, pl.27, fig.21. [see also Kobayashi and Suzuki (1939)]
- MM7940.* *Brotiopsis wakinoensis* (Kobayashi and Suzuki), p.104, pl.29, fig.10, Holotype. [see also Kobayashi and Suzuki (1936)]
- PA8001. *Thysanopeltis paucispinosa* Okubo, p.162, pl.58, fig.15, Holotype. [see also Okubo (1951)]
- PA8002. *Phillipsia phmoriensis* Okubo, p.162, pl.58, fig.2, Holotype. (missing) [see also Okubo (1951)]
- PA8006. *Dechenella* (s. s.) *minima* Okubo, p.162, pl.58, fig.14, Holotype. [see also Okubo (1951)]
- CM8492.* *Neocymatoceras tsukushense* Kobayashi, p.146, pl.50, fig.12, Holotype. [see also Kobayashi (1954a)]
- CM8493. *Obinautilus pulchra* Kobayashi, p.146, pl.50, fig.10, Holotype. [see also Kobayashi (1954b)]
- CM8499. *Eutrephoceras japonicum* (Shimizu), p.146, pl.50, fig.9a,b. [see also Kobayashi and Kamada (1959a)]
- CM8501. *Venericardia (Cyclocardia) ochiaiensis* Chinzei, p.134, pl.44, fig.21, Holotype. [see also Chinzei (1959)]
- CM8513. *Alvania awa* Chinzei, p.104, pl.29, fig.17a,b, Holotype. [see also Chinzei (1959)]
- CM8531. *Neptunea otukai* Chinzei, p.110, pl.32, fig.8, Holotype. [see also Chinzei (1959)]
- CM8534. *Macron nipponensis* Chinzei, p.110, pl.32, fig.12, Holotype. [see also Chinzei (1959)]
- CM8537. *Suavodrillia oyamai* Chinzei, p.114, pl.34, fig.10, Holotype. [see also Chinzei (1959)]
- CM8540. *Antiplanes (Rectiplanes) sadoensis* (Yokoyama), p.114, pl.34, fig.22. [see also Chinzei (1959)]
- CM8545. *Propebela cf. turricula* (Montague), p.114, pl.34, fig.24. [see also Chinzei (1959)]
- CM8556. *Menestho nomurai* Chinzei, p.126, pl.34, fig.38, Holotype. [see also Chinzei (1959)]
- CM8594. *Fortipecten kenyoshiensis* (Chinzei), p.126, pl.40, fig.13, Holotype. [see also Chinzei (1960)]
- CM8655. *Venericardia (Cyclocardia) aomoriensis* Chinzei, p.134, pl.44, fig.22, Holotype. [see also Chinzei (1961)]
- MM9117. *Canadoceras mysticum* Matsumoto, p.158, pl.56, fig.15, Paratype. [see also Matsumoto (1954a)]

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- MM9130. *Jimboiceras mihoense* Matsumoto, p.156, pl.55, fig.11, Holotype. [see also Matsumoto (1954b)]
- PF9454. *Neoschwagerina craticulifera* (Schwager), p.56, pl.5, fig.8a. [see also Ozawa (1927a)]
- PF9456. *Yabeina globosa* (Yabe), p.56, pl.5, fig.9. [see also Ozawa (1927a)]
- PF9464. *Yabeina globosa* (Yabe), p.56, pl.5, fig.10. [see also Ozawa (1927a)]
- CM12059. *Batillaria atukoae* Otuka, p.102, pl.28, fig.23, Holotype. [see also Otuka (1934)]
- CM12061. *Batillaria yamanarii* Makiyama, p.102, pl.28, fig.24. [see also Otuka (1934)]
- CM12660. *Spisula (Mactromeris) onnechuria* (Otuka), p.142, pl.48, fig.7. [see also Otuka (1940b)]
- CM13029. *Serripes yokoyamai* Otuka, p.138, pl.46, fig.10, Holotype. [see also Otuka (1935c)]
- CM13062. *Dosinia (Phacosoma) chikuzensis nomurai* Otuka, p.140, pl.47, fig.6. [see also Otuka (1937a)]
- CM13143. *Molopophorus watanabei* Otuka, p.108, pl.31, fig.25, Holotype. (missing) [see also Otuka (1937c)]
- CM13154. *Macoma* (s. s.) *praetexta oinomikadoi* Otuka, p.142, pl.48, fig.11a,b, Syntype. [see also Otuka (1939a)]
- CV13814. *Stegodon sinensis* Owen, p.180, pl.67, fig.5. [see also Matsumoto (1915)]
- CV13829. *Clupea tanegashimensis* Saheki, p.172, pl.63, fig.13, Holotype. [see also Saheki (1929)]
- CM15162. *Bellamya (Sinotaia) mabutii* (Suzuki), p.100, pl.27, fig.17, Holotype. (missing) [see also Suzuki (1941a)]
- CM15170. *Lanceolaria pisciformis* (Yokoyama), p.132, pl.43, fig.20. (missing) [see also Suzuki (1941a)]
- CM15223. *Corbicula (Cyrenobatissa) mirabilis* Nagao, p.136, pl.45, fig.5. [see also Suzuki (1941c)]
- CM15235. *Corbicula* (s. s.) *hizenensis* Ueji, p.136, pl.45, fig.9a,b. (missing) [see also Suzuki (1941c)]
- CM15242. *Corbicula* (s. s.) *matusitai* Suzuki, p.136, pl.45, fig.8, Paratype. [see also Suzuki (1941c)]
- CM15249. *Corbicula (Batissa) sitakaraensis* Suzuki, p.136, pl.45, fig.4, Holotype. (missing) [see also Suzuki (1941d)]
- CM15275. *Venericardia (Cyclocardia) vestitoides* Mizuno, p.134, pl.44, fig.18, Paratype. (missing) [see also Mizuno (1952)]
- CM15281. *Venericardia (Megacardia) japonica* Mizuno, p.134, pl.44, fig.10, Holotype. (missing) [see also Mizuno (1952)]

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Shikama, T. (1964): continued

- CM15292. *Yoldia (Yoldia) laudabilis* Yokoyama, p.128, pl.35, fig.32. (missing) [see also Mizuno (1954)]
- CP20001. *Cycas Fujiana* Yokoyama, p.190, pl.72, fig.1, Holotype. [see also Yokoyama (1911b)]
- CM20009. *Crassatella (Eucrassatella) nipponensis* (Yokoyama), p.134, pl.44, fig.9, Syntype. [see also Yokoyama (1911b)]
- CM20016. *Venericardia (Venericor) nipponica* Yokoyama, p.134, pl.44, fig.24, Syntype. [see also Yokoyama (1911b)]
- CM20031. *Lima (Acesta) amaxensis* Yokoyama, p.128, pl.41, fig.15, Holotype. [see also Yokoyama (1911b)]
- CM20043. *Decorifer delicatula* (A. Adams), p.116, pl.35, fig.7. [see also Yokoyama (1920)]
- CM20218. *Natica (Tectonatica) janthostomoides* Kuroda and Habe, p.106, pl.30, fig.17. [see also Yokoyama (1920)]
- CM20239. *Balcis yokosukensis* (Yokoyama), p.104, pl.29, fig.28, Holotype. [see also Yokoyama (1920)]
- CM20291. *Diodora yokoyamai kosibensis* Otuka, p.98, pl.26, fig.10a,b, Holotype. [see also Yokoyama (1920)]
- CW20328. *Ditrupa (?) gordoni* (Yokoyama), p.88, pl.21, fig.7, Holotype. [see also Yokoyama (1920)]
- CM20475. *Venericardia (Cyclocardia) ferruginea* (Adams), p.134, pl.44, fig.20a,b. [see also Yokoyama (1920)]
- CM20486. *Astarte hakodatensis* Yokoyama, p.134, pl.44, fig.2a,b, Syntype. [see also Yokoyama (1920)]
- CM20497. *Crassatella (Crassatina) oblongata* (Yokoyama), p.134, pl.44, fig.6, Syntype. [see also Yokoyama (1920)]
- CM20562. *Chlamys (s. s.) miurensis* (Yokoyama), p.124, pl.39, fig.26, Syntype. [see also Yokoyama (1920)]
- CM20568. *Patinopecten tokyoensis* (Tokunaga), p.128, pl.41, fig.2. [see also Yokoyama (1920)]
- CM20586. *Pecten (Notovola) naganumana* Yokoyama, p.128, pl.41, fig.1, Syntype. [see also Yokoyama (1920)]
- CM20654. *Limopsis (Limopsis) tokaiensis* Yokoyama, p.118, pl.36, fig.29a,b. (missing) [see also Yokoyama (1920)]
- CM20666. *Limopsis (Pectunculina) crenata* A. Adams, p.118, pl.36, fig.30. [see also Yokoyama (1920)]
- CM20731. *Pupa clathrata* (Yokoyama), p.126, pl.34, fig.40, Syntype. [see also Yokoyama (1922a)]
- CM20733. *Leucotina gigantea* (Dunker), p.126, pl.34, fig.39. [see also Yokoyama (1922a)]

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Shikama, T. (1964): continued

- CM20736. *Acteocina (Acteocina) exilis* (Dunker), p.116, pl.35, fig.5. [see also Yokoyama (1922a)]
- CM20740. *Decorifer longispirata* (Yamakawa), p.116, pl.35, fig.9a,b. (missing) [see also Yokoyama (1922a)]
- CM20743. *Decorifer globosus* (Yokoyama), p.116, pl.35, fig.8. (missing) [see also Yokoyama (1922a)]
- CM20752. *Rhizorus acutaeformis* (Yokoyama), p.116, pl.35, fig.6, Syntype. (missing) [see also Yokoyama (1922a)]
- CM20754. *Adamnestia japonica* (A. Adams), p.116, pl.35, fig.2. [see also Yokoyama (1922a)]
- CM20763. *Abderospira punctulata* (A. Adams), p.116, pl.35, fig.3. [see also Yokoyama (1922a)]
- CM20765. *Haloa japonica* (Pilsbry), p.126, pl.34, fig.42. [see also Yokoyama (1922a)]
- CM20766. *Ringicula doliaris* Gould, p.116, pl.35, fig.11. [see also Yokoyama (1922a)]
- CM20767. *Ringicula doliaris* Gould, p.116, pl.35, fig.10. [see also Yokoyama (1922a)]
- CM20773. *Myurella* n. sp., Taki and Oyama, p.126, pl.34, fig.33. [see also Yokoyama (1922a)]
- CM20940. *Tonna luteostoma* (Klüster), p.108, pl.31, fig.20. (missing) [see also Yokoyama (1922a)]
- CM20948. *Labiostrombus japonicus* (Reeve), p.106, pl.30, fig.9. [see also Yokoyama (1922a)]
- CM21011. *Epitonium (Cinctiscala) kazusensis* (Yokoyama), p.104, pl.29, fig.23, Syntype. [see also Yokoyama (1922a)]
- CM21013. *Epitonium (Cinctiscala) yamakawai* (Yokoyama), p.104, pl.29, fig.22a,b, Syntype. [see also Yokoyama (1922a)]
- CM21014. *Epitonium (Acutiscala) conjuncta* (Yokoyama), p.104, pl.29, fig.24, Syntype. [see also Yokoyama (1922a)]
- CM21187. *Cryptomya busoensis* Yokoyama, p.144, pl.49, fig.7a,b, Paratype. (missing) [see also Yokoyama (1922a)]
- CM21192. *Mactra* (s. s.) *sulcatoria* Reeve, p.142, pl.48, fig.5a,b. [see also Yokoyama (1922a)]
- CM21275. *Peronidia venulosa* (Schrenck), p.142, pl.48, fig.13 L. [see also Yokoyama (1922a)]
- CM21276. *Peronidia venulosa* (Schrenck), p.142, pl.48, fig.13 R. [see also Yokoyama (1922a)]
- CM21398. *Dinocardium braunsi* (Tokunaga), p.138, pl.46, fig.8. [see also Yokoyama (1922a)]

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Shikama, T. (1964): continued

- CM21419. *Felaniella usta* (Gould), p.136, pl.45, fig.12a,b. [see also Yokoyama (1922a)]
- CM21479. *Cuspidaria (Plectodon) ligula* Yokoyama, p.144, pl.49, fig.31a,b, Syntype. [see also Yokoyama (1922a)]
- CM21493. *Myadora ikebei* Habe, p.144, pl.49, fig.11a,b. (missing) [see also Yokoyama (1922a)]
- CM21591. *Anadara (Tegillarca) granosa bisenensis* (Schrenck and Keinhart), p.118, pl.36, fig.27. [see also Yokoyama (1922a)]
- CM21622. *Glycymeris yessoensis* Sowerby, p.120, pl.37, fig.5a,b. (missing) [see also Yokoyama (1922a)]
- CM21650. *Saccula confusa* (Hanley), p.118, pl.36, fig.2. (missing) [see also Yokoyama (1922a)]
- CM21701. *Thracia kakumana* (Yokoyama), p.144, pl.49, fig.24. [see also Yokoyama (1923a)]
- CM21734. *Turricula (Surcula) sobrina* (Yokoyama), p.114, pl.34, fig.8, Syntype. [see also Yokoyama (1923b)]
- CM21741. *Baryspira okawai* (Yokoyama), p.112, pl.33, fig.8a,b, Syntype. (missing) [see also Yokoyama (1923b)]
- CM21745. *Cancellaria pristina* (Yokoyama), p.114, pl.34, fig.3a,b, Syntype. [see also Yokoyama (1923b)]
- CM21752. *Siphonalia cassidariaeformis* Reeve, p.110, pl.32, fig.15. [see also Yokoyama (1923b)]
- CM21757. *Babylonia elata* (Yokoyama), p.110, pl.32, fig.18, Syntype. [see also Yokoyama (1923b)]
- CM21766. *Turritella (Turritella) perterebra* Yokoyama, p.102, pl.28, fig.2, Syntype. [see also Yokoyama (1923b)]
- CM21776. *Suchium (Suchium) suchiense* (Yokoyama), p.100, pl.27, fig.1a,b, Syntype. [see also Yokoyama (1923b)]
- CM21796. *Anadara (Scapharca) satowi castellata* (Yokoyama), p.118, pl.36, fig.21, Syntype. [see also Yokoyama (1923b)]
- CM21949. *Coralliophaga coralliophaga* (Gmelin), p.136, pl.45, fig.11a,b. [see also Yokoyama (1924a)]
- CM22055. "Turritella" tokunagai Yokoyama, p.100, pl.27, fig.26, Syntype. (missing) [see also Yokoyama (1924b)]
- CM22061. *Crepidula matajiroi* Makiyama, p.104, pl.29, fig.30, Syntype. (missing) [see also Yokoyama (1924b)]
- CM22069. *Mya (s. s.) grewingki* Makiyama, p.144, pl.49, fig.5. (missing) [see also Yokoyama (1924b)]
- CM22074. *Periploma (Aelga) besshoensis* (Yokoyama), p.144, pl.49, fig.25 a,b, Syntype. (missing) [see also Yokoyama (1924b)]

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Shikama, T. (1964): continued

- CM22090. *Papyridea harrimani* Dall, p.136, pl.45, fig.24. (missing) [see also Yokoyama (1924b)]
- CM22210. *Phaxas izumoensis* (Yokoyama), p.142, pl.48, fig.18, Syntype. (missing) [see also Yokoyama (1925a)]
- CM22241. *Clementia (Compsomyax) iizukai* (Yokoyama), p.142, pl.48, fig.4, Syntype. (missing) [see also Yokoyama (1925a)]
- CM22276. *Lucinoma annulata* (Reeve), p.136, pl.45, fig.20. (missing) [see also Yokoyama (1925a)]
- CM22294. *Venericardia (Cyclocardia) siogamensis* Nomura, p.134, pl.44, fig.19. (missing) [see also Yokoyama (1925a)]
- CM22356. *Solemya tokunagai* Yokoyama, p.116, pl.35, fig.19, Syntype. (missing) [see also Yokoyama (1925a)]
- CM22428. *Yoldia sagittaria* Yokoyama, p.128, pl.35, fig.37, Syntype. (missing) [see also Yokoyama (1925b)]
- CM22436. *Yoldia (Hataiyoldia) tokunagai* Yokoyama, p.128, pl.35, fig.36, Syntype. (missing) [see also Yokoyama (1925b)]
- CM22441. *Yoldia (Hataiyoldia) tokunagai* Yokoyama, p.128, pl.35, fig.35, Syntype. (missing) [see also Yokoyama (1925b)]
- CM22487. *Diodora humilis* (Yokoyama), p.98, pl.26, fig.9a,b, Holotype. (missing) [see also Yokoyama (1925b)]
- CM22547. *Trophon solitarius* Yokoyama, p.108, pl.31, fig.14a,b, Syntype. [see also Yokoyama (1925c)]
- CM22567. *Haliotis discus koyamai* Makiyama, p.98, pl.26, fig.7. [see also Yokoyama (1925c)]
- CM22608. *Thracia kamayashikiensis* Hatai, p.144, pl.49, fig.23. [see also Yokoyama (1925c)]
- CM22639. *Anadara (Diluvarcia) amicula* (Yokoyama), p.118, pl.36, fig.24, Syntype. [see also Yokoyama (1925c)]
- CM22645. *Calyptogena nipponica longissima* Yokoyama, p.134, pl.44, fig.28, Holotype. (missing) [see also Yokoyama (1925c)]
- CM22664. *Terebra eminula* Yokoyama, p.126, pl.34, fig.32, Holotype. [see also Yokoyama (1925d)]
- CM22667. *Fulgoraria (Musashia) striata* (Yokoyama), p.112, pl.33, fig.22, Syntype. (missing) [see also Yokoyama (1925d)]
- CM22797. *Dosinia (Kaneharai) kaneharai* Yokoyama, p.140, pl.47, fig.9, Syntype. [see also Yokoyama (1926b)]
- CM22852. *Vicaryella ishiiana* (Yokoyama), p.104, pl.29, fig.2, Syntype. (missing) [see also Yokoyama (1926c)]
- CM22884. *Soletellina minoensis* Yokoyama, p.142, pl.48, fig.15, Syntype. (missing) [see also Yokoyama (1926c)]

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Shikama, T. (1964): continued

- CM23024. *Mya (Arenomya) japonica* Jay, p.144, pl.49, fig.6. (missing) [see also Yokoyama (1926e)]
- CM23030. *Macoma optiva* (Yokoyama), p.142, pl.48, fig.8a,b. (missing) [see also Yokoyama (1926e)]
- CM23060. *Acila (Acila) divaricata* Hinds, p.116, pl.35, fig.26a,b. (missing) [see also Yokoyama (1926e)]
- CM23214. *Papyridaea (Fulvia) kurodai* Hatai and Nisiyama, p.136, pl.45, fig.25a,b. [see also Yokoyama (1926f)]
- CM23479. *Venericardia (Megacardia) panda* Yokoyama, p.134, pl.44, fig.11 a,b, Syntype. (missing) [see also Yokoyama (1926g)]
- CM23491. *Amussiopecten praesignis* (Yokoyama), p.128, pl.41, fig.4, Holotype. [see also Yokoyama (1922b)]
- CM23545. *Hemifusus tuba* (Gmelin), p.112, pl.33, fig.1. [see also Yokoyama (1926i)]
- CM23577. *Pandora (Kennerlia) pulchella* Yokoyama, p.144, pl.49, fig.10a,b, Syntype. (missing) [see also Yokoyama (1926j)]
- CM23591. *Ostrea gravitesta* Yokoyama, p.128, pl.41, fig.22, Syntype. (missing) [see also Yokoyama (1926j)]
- CM24096. *Cuspidaria (Cardiomya) gouldiana septentrionalis* Kuroda, p.144, pl.49, fig.30a,b. [see also Yokoyama (1927a)]
- CM24580. *Clinocardium shinjiense* (Yokoyama), p.138, pl.46, fig.4, Syntype. [see also Yokoyama (1923c)]
- CM24638. *Aloides (Cuneocorbula) peregrina* (Yokoyama), p.144, pl.49, fig.3, Syntype. [see also Yokoyama (1923d)]
- CM24649. *Aloides succincta* (Yokoyama), p.144, pl.49, fig.4a, Syntype. [see also Yokoyama (1923d)]
- CM24650. *Aloides succincta* (Yokoyama), p.144, pl.49, fig.4b, Syntype. [see also Yokoyama (1923d)]
- CM24669. *Anadara (Scapharca) valentula* (Yokoyama), p.118, pl.36, fig.22, Syntype. [see also Yokoyama (1923d)]
- CM24903. *Pseudamiantis tauvensis* (Yokoyama), p.140, pl.47, fig.4, Syntype. [see also Yokoyama (1927c)]
- CM25527. *Strombus (?) mimasakensis* Yokoyama, p.106, pl.30, fig.7, Holotype. [see also Yokoyama (1929a)]
- CM25542. *Sinum yabei* Otuka, p.106, pl.30, fig.18a,b. [see also Yokoyama (1929a)]
- CM25550. *Siratoria siratoriensis* (Otuka), p.142, pl.48, fig.1. [see also Yokoyama (1929a)]
- CM25699. *Laevicardium taracaicum* (Yokoyama), p.136, pl.45, fig.26, Syntype. [see also Yokoyama (1930c)]

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Shikama, T. (1964): continued

- CM25726. *Fortipecten takahashii* (Yokoyama), p.126, pl.40, fig.14, Syntype. [see also Yokoyama (1930c)]
- CM25880. *Phos (Coraeophos) iwakianum* (Yokoyama), p.110, pl.32, fig.20, Syntype. [see also Yokoyama (1931b)]
- CM25918. *Neverita kiritaniana* (Yokoyama), p.106, pl.30, fig.14, Syntype. [see also Yokoyama (1931b)]
- CM25957. *Minolia sakya* (Yokoyama), p.98, pl.26, fig.25, Holotype. [see also Yokoyama (1931b)]
- CM25966. *Trachycardium shibarensense* (Yokoyama), p.138, pl.46, fig.7. (missing) [see also Yokoyama (1931b)]
- CM26095. *Martesia pulchella* Yokoyama, p.144, pl.49, fig.8, Holotype. [see also Yokoyama (1932a)]
- CM26273. *Anodonta sub juncta yokoyamai* Suzuki, p.132, pl.43, fig.22, Holotype. [see also Yokoyama (1932a)]
- CM26277. *Margaritifera perdahurica* (Yokoyama), p.132, pl.43, fig.19, Holotype. [see also Yokoyama (1932a)]
- CM26918. *Macoma (s. s.) tokyoensis* Makiyama, p.142, pl.48, fig.12. (missing) [see also Yokoyama (1929b)]
- CM26933. *Conchocele dis juncta* Gabb = *nipponica* Yabe and Nomura, p.136, pl.45, fig.13. (missing) [see also Yokoyama (1929b)]

Tabuki, R. (1986): Plio-Pleistocene Ostracoda from Tsugaru Basin, North Honshu, Japan. *Bull. Coll. Education, Univ. Ryukyus*, no.29, pt.2, pp. 27-160, pls.1-20, text-figs.1-20.

- CA15741. *Propontocypris* sp., p.56, pl.1, fig.4.
- CA15742. *Argillocia* sp., p.56, pl.1, fig.1.
- CA15743. *Argillocia* sp., p.56, pl.1, fig.2.
- CA15744. *Neocytherideis* ? sp., p.57, pl.1, fig.3.
- CA15745. *Pontocythere* sp., p.57, pl.1, figs.9,12.
- CA15746. *Pontocythere* sp., p.57, pl.1, figs.10,11, text-fig.17-9.
- CA15747. *Eucythere* sp. 1, p.58, pl.1, figs.5,6; pl.20, fig.1, text-fig. 17-10.
- CA15748. *Eucythere* sp. 2, p.58, pl.1, figs.7,8, text-fig.18-1.
- CA15749. *Pectocythere daishakaensis* Tabuki, p.59, pl.2, figs.2,5, text-fig.16-1, Holotype.
- CA15750. *Pectocythere daishakaensis* Tabuki, p.59, pl.2, fig.1, Paratype.
- CA15751. *Pectocythere daishakaensis* Tabuki, p.59, pl.2, fig.7, Paratype.

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Tabuki, R. (1986): continued

- CA15752. *Pectocythere daishakaensis* Tabuki, p.59, pl.2, figs.3,6, text-fig.16-2, Paratype.
- CA15753. *Pectocythere daishakaensis* Tabuki, p.59, pl.2, fig.4, Paratype.
- CA15754. *Kotoracythere* sp., p.61, pl.1, figs.14,17,19.
- CA15755. *Kotoracythere* sp., p.61, pl.1, figs.15,16,18.
- CA15756. *Munseyella* sp., p.62, pl.1, fig.13.
- CA15757. *Callistocythere* sp., p.62, pl.2, figs.8,11, text-fig.18-2.
- CA15758. *Callistocythere* sp., p.62, pl.2, figs.9,10.
- CA15759. *Cluthia japonica* Tabuki, p.63, pl.2, figs.13,18, Holotype.
- CA15760. *Cluthia japonica* Tabuki, p.63, pl.2, figs.12,19, Paratype.
- CA15761. *Cluthia japonica* Tabuki, p.63, pl.2, figs.14,17, Paratype.
- CA15762. *Cluthia japonica* Tabuki, p.63, pl.2, figs.15,16, text-fig.18-3, Paratype.
- CA15763. *Schizocythere* sp., 64, pl.3, figs.1,2; pl.20, fig.2.
- CA15764. *Paijenborchella tsurugasakensis* Tabuki, p.65, pl.3, figs.12,15, 17, text-fig.18-4, Holotype.
- CA15765. *Paijenborchella tsurugasakensis* Tabuki, p.65, pl.3, figs.11,16, 18; pl.20, fig.3, Paratype.
- CA15766. *Paijenborchella tsurugasakensis* Tabuki, p.65, pl.3, fig.13, Paratype.
- CA15767. *Paijenborchella tsurugasakensis* Tabuki, p.65, pl.3, fig.14, Paratype.
- CA15768. *Paijenborchella hanaii* Tabuki, p.67, pl.3, figs.3,8,10, Holotype.
- CA15769. *Paijenborchella hanaii* Tabuki, p.67, pl.3, figs.4,7,9, Paratype.
- CA15770. *Paijenborchella hanaii* Tabuki, p.67, pl.3, fig.5, text-fig.18-5, Paratype.
- CA15771. *Paijenborchella hanaii* Tabuki, p.67, pl.3, fig.6, Paratype.
- CA15772. *Elofsonella concinna* (Jones), p.68, pl.4, fig.1.
- CA15773. *Elofsonella concinna* (Jones), p.68, pl.4, fig.2.
- CA15774. *Normanicythere japonica* Tabuki, p.69, pl.8, figs.11,13; pl.9, fig.3, Holotype.
- CA15775. *Normanicythere japonica* Tabuki, p.69, pl.8, figs.12,14, Paratype.
- CA15776. *Normanicythere japonica* Tabuki, p.69, pl.9, fig.1, Paratype.
- CA15777. *Normanicythere japonica* Tabuki, p.69, pl.9, fig.2, Paratype.
- CA15778. *Urocythere* ? *gorokuensis* Ishizaki, p.71, pl.6, fig.2.
- CA15779. *Urocythere* ? *gorokuensis* Ishizaki, p.71, pl.6, fig.3.

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Tabuki, R. (1986): continued

- CA15780. *Urocythere ? gorokuensis* Ishizaki, p.71, pl.6, fig.4.
- CA15781. *Urocythere ? gorokuensis* Ishizaki, p.71, pl.6, fig.5.
- CA15782. *Urocythere ? gorokuensis* Ishizaki, p.71, pl.6, fig.6.
- CA15783. *Urocythere ? gorokuensis* Ishizaki, p.71, pl.6, fig.7.
- CA15784. *Urocythere ? gorokuensis* Ishizaki, p.71, pl.6, fig.8.
- CA15785. *Urocythere ? gorokuensis* Ishizaki, p.71, pl.6, fig.9.
- CA15786. *Urocythere ? gorokuensis* Ishizaki, p.71, pl.6, figs.10,17.
- CA15787. *Urocythere ? gorokuensis* Ishizaki, p.71, pl.6, figs.11,16.
- CA15788. *Urocythere ? gorokuensis* Ishizaki, p.71, pl.6, fig.12.
- CA15789. *Urocythere ? gorokuensis* Ishizaki, p.71, pl.6, fig.13.
- CA15790. *Urocythere ? gorokuensis* Ishizaki, p.71, pl.6, fig.14.
- CA15791. *Urocythere ? gorokuensis* Ishizaki, p.71, pl.6, fig.15.
- CA15792. *Urocythereis ? abei* Tabuki, p.71, pl.7, fig.2; pl.20, fig.5, Holotype.
- CA15793. *Urocythereis ? abei* Tabuki, p.71, pl.7, fig.1, Paratype.
- CA15794. *Urocythereis ? abei* Tabuki, p.71, pl.7, fig.9, Paratype.
- CA15795. *Urocythereis ? abei* Tabuki, p.71, pl.7, fig.11, text-fig.18-6, Paratype.
- CA15796. *Urocythereis ? abei* Tabuki, p.71, pl.7, fig.8, Paratype.
- CA15797. *Urocythereis ? abei* Tabuki, p.71, pl.7, fig.10, Paratype.
- CA15798. *Urocythereis ? abei* Tabuki, p.71, pl.7, fig.3, Paratype.
- CA15799. *Urocythereis ? abei* Tabuki, p.71, pl.7, fig.4, Paratype.
- CA15800. *Urocythereis ? abei* Tabuki, p.71, pl.7, fig.5, Paratype.
- CA15801. *Urocythereis ? abei* Tabuki, p.71, pl.7, fig.6, Paratype.
- CA15802. *Urocythereis ? abei* Tabuki, p.71, pl.7, fig.7, Paratype.
- CA15803. *Urocythereis ? posterocostata* Tabuki, p.73, pl.8, figs.2,5, Holotype.
- CA15804. *Urocythereis ? posterocostata* Tabuki, p.73, pl.8, figs.1,6, Paratype.
- CA15805. *Urocythereis ? posterocostata* Tabuki, p.73, pl.8, fig.10, text-fig.18-7, Paratype.
- CA15806. *Urocythereis ? posterocostata* Tabuki, p.73, pl.8, fig.9, Paratype.
- CA15807. *Urocythereis ? posterocostata* Tabuki, p.73, pl.8, fig.3, Paratype.
- CA15808. *Urocythereis ? posterocostata* Tabuki, p.73, pl.8, fig.4, Paratype.
- CA15809. *Urocythereis ? posterocostata* Tabuki, p.73, pl.8, fig.7, Paratype.

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Tabuki, R. (1986): continued

- CA15810. *Urocythereis* ? *posterocostata* Tabuki, p.73, pl.8, fig.8, Paratype.
- CA15811. *Urocythereis* ? sp., p.73, pl.6, fig.1.
- CA15812. *Ambostracon kitanipponica* Tabuki, p.74, pl.10, figs.2,5,7, Holotype.
- CA15813. *Ambostracon kitanipponica* Tabuki, p.74, pl.10, figs.1,6,8, Paratype.
- CA15814. *Ambostracon kitanipponica* Tabuki, p.74, pl.10, fig.3, Paratype.
- CA15815. *Ambostracon kitanipponica* Tabuki, p.74, pl.10, fig.4, text-fig. 18-8, Paratype.
- CA15816. *Ambostracon* sp. 1, p.76, pl.10, fig.9.
- CA15817. *Ambostracon* sp. 2, p.76, pl.10, fig.10.
- CA15818. *Palagonacythere robusta* Tabuki, p.77, pl.9, fig.4, Holotype.
- CA15819. *Palagonacythere robusta* Tabuki, p.77, pl.9, figs.5,10, Paratype.
- CA15820. *Palagonacythere robusta* Tabuki, p.77, pl.9, figs.6,11, text-fig. 20-1, Paratype.
- CA15821. *Palagonacythere robusta* Tabuki, p.77, pl.9, fig.7, Paratype.
- CA15822. *Palagonacythere robusta* Tabuki, p.77, pl.9, fig.12, Paratype.
- CA15823. *Palagonacythere robusta* Tabuki, p.77, pl.9, fig.8, Paratype.
- CA15824. *Palagonacythere robusta* Tabuki, p.77, pl.9, fig.9, Paratype.
- CA15825. *Finmarchinella* (*Finmarchinella*) *rectangulata* Tabuki, p.78, pl.4, fig.4, Holotype.
- CA15826. *Finmarchinella* (*Finmarchinella*) *rectangulata* Tabuki, p.78, pl.4, fig.3, Paratype.
- CA15827. *Finmarchinella* (*Finmarchinella*) *rectangulata* Tabuki, p.78, pl.4, fig.10, Paratype.
- CA15828. *Finmarchinella* (*Finmarchinella*) *rectangulata* Tabuki, p.78, pl.4, fig.13, text-fig.16-4, Paratype.
- CA15829. *Finmarchinella* (*Finmarchinella*) *rectangulata* Tabuki, p.78, pl.4, figs.14,15, Paratype.
- CA15830. *Finmarchinella* (*Finmarchinella*) *rectangulata* Tabuki, p.78, pl.4, fig.9, Paratype.
- CA15831. *Finmarchinella* (*Finmarchinella*) *rectangulata* Tabuki, p.78, pl.4, fig.11, Paratype.
- CA15832. *Finmarchinella* (*Finmarchinella*) *rectangulata* Tabuki, p.78, pl.4, fig.12, text-fig.16-3, Paratype..
- CA15833. *Finmarchinella* (*Finmarchinella*) *rectangulata* Tabuki, p.78, pl.4, fig.5, Paratype.

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Tabuki, R. (1986): continued

- CA15834. *Finmarchinella (Finmarchinella) rectangulata* Tabuki, p.78, pl.4, fig.6, Paratype.
- CA15835. *Finmarchinella (Finmarchinella) rectangulata* Tabuki, p.78, pl.4, fig.7, Paratype.
- CA15836. *Finmarchinella (Finmarchinella) rectangulata* Tabuki, p.78, pl.4, fig.8, Paratype.
- CA15837. *Finmarchinella (Barentsovia) daishakaensis* Tabuki, p.80, pl.5, fig.2; pl.20, fig.4, Holotype.
- CA15838. *Finmarchinella (Barentsovia) daishakaensis* Tabuki, p.80, pl.5, fig.1, Paratype.
- CA15839. *Finmarchinella (Barentsovia) daishakaensis* Tabuki, p.80, pl.5, fig.8, text-fig.16-6, Paratype.
- CA15840. *Finmarchinella (Barentsovia) daishakaensis* Tabuki, p.80, pl.5, fig.7, Paratype.
- CA15841. *Finmarchinella (Barentsovia) daishakaensis* Tabuki, p.80, text-fig.16-5, Paratype.
- CA15842. *Finmarchinella (Barentsovia) daishakaensis* Tabuki, p.80, pl.5, fig.9, Paratype.
- CA15843. *Finmarchinella (Barentsovia) daishakaensis* Tabuki, p.80, pl.5, fig.3, Paratype.
- CA15844. *Finmarchinella (Barentsovia) daishakaensis* Tabuki, p.80, pl.5, fig.4, Paratype.
- CA15845. *Finmarchinella (Barentsovia) daishakaensis* Tabuki, p.80, pl.5, fig.5, Paratype.
- CA15846. *Finmarchinella (Barentsovia) daishakaensis* Tabuki, p.80, pl.5, fig.6, Paratype.
- CA15847. *Finmarchinella (Barentsovia)* sp., p.82, pl.5, fig.10.
- CA15848. *Finmarchinella* ? sp., p.82, pl.5, figs.11,13, text-fig.18-9.
- CA15849. *Finmarchinella* ? sp., p.82, pl.5, fig.12.
- CA15850. *Finmarchinella* ? sp., p.82, pl.5, fig.14.
- CA15851. *Cornucoquimba alata* Tabuki, p.83, pl.10, fig.11; pl.11, fig.1, text-fig.18-10, Holotype.
- CA15852. *Cornucoquimba alata* Tabuki, p.83, pl.10, figs.12,15, Paratype.
- CA15853. *Cornucoquimba alata* Tabuki, p.83, pl.10, fig.13, Paratype.
- CA15854. *Cornucoquimba alata* Tabuki, p.83, pl.10, fig.14, Paratype.
- CA15855. *Acanthocythereis tsurugasakensis* Tabuki, p.85, pl.11, figs.2,10, Holotype.
- CA15856. *Acanthocythereis tsurugasakensis* Tabuki, p.85, pl.11, figs.3,8, Paratype.

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Tabuki, R. (1986): continued

- CA15857. *Acanthocythereis tsurugasakensis* Tabuki, p.85, pl.11, figs.4,7,9, text-fig.20-2, Paratype.
- CA15858. *Acanthocythereis tsurugasakensis* Tabuki, p.85, pl.11, fig.5, Paratype.
- CA15859. *Acanthocythereis tsurugasakensis* Tabuki, p.85, pl.11, fig.6, Paratype.
- CA15860. *Murrayina japonica* Tabuki, p.86, pl.12, figs.3,6,8, text-fig. 19-1, Holotype.
- CA15861. *Murrayina japonica* Tabuki, p.86, pl.12, figs.4,5,7, Paratype.
- CA15862. *Celtia* sp., p.87, pl.11, figs.11,14; pl.12, fig.2, text-fig.20-3.
- CA15863. *Celtia* sp., p.87, pl.11, figs.12,13; pl.12, fig.1.
- CA15864. *Buntonia hayamii* Tabuki, p.88, pl.12, figs.9,14, text-fig.16-8, Holotype.
- CA15865. *Buntonia hayamii* Tabuki, p.88, pl.12, fig.10, Paratype.
- CA15866. *Buntonia hayamii* Tabuki, p.88, pl.12, fig.11, Paratype.
- CA15867. *Buntonia hayamii* Tabuki, p.88, pl.12, figs.12,13, text-fig.16-7, Paratype.
- CA15868. *Buntonia hayamii* Tabuki, p.88, pl.12, fig.15, Paratype.
- CA15869. *Robertsonites hanaii* Tabuki, p.90, pl.13, figs.1,6,12, text-fig. 16-10, Holotype.
- CA15870. *Robertsonites hanaii* Tabuki, p.90, pl.13, figs.2,5,11, text-fig. 16-9, Paratype.
- CA15871. *Robertsonites hanaii* Tabuki, p.90, pl.13, fig.3, Paratype.
- CA15872. *Robertsonites hanaii* Tabuki, p.90, pl.13, fig.4, Paratype.
- CA15873. *Robertsonites hanaii* Tabuki, p.90, pl.13, fig.7, Paratype.
- CA15874. *Robertsonites hanaii* Tabuki, p.90, pl.13, fig.8, Paratype.
- CA15875. *Robertsonites hanaii* Tabuki, p.90, pl.13, fig.9, Paratype.
- CA15876. *Robertsonites hanaii* Tabuki, p.90, pl.13, fig.10, Paratype.
- CA15877. *Robertsonites reticuliforma* (Ishizakai), p.91, pl.14, figs.1,6.
- CA15878. *Robertsonites reticuliforma* (Ishizaki), p.91, pl.14, fig.12, text-fig.17-2.
- CA15879. *Robertsonites reticuliforma* (Ishizaki), p.91, pl.14, figs.2,5.
- CA15880. *Robertsonites reticuliforma* (Ishizaki), p.91, pl.14, fig.11, text-fig.17-1.
- CA15881. *Robertsonites reticuliforma* (Ishizaki), p.91, pl.14, fig.3.
- CA15882. *Robertsonites reticuliforma* (Ishizaki), p.91, pl.14, fig.4.
- CA15883. *Robertsonites reticuliforma* (Ishizaki), p.91, pl.14, fig.7.

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Tabuki, R. (1986): continued

- CA15884. *Robertsonites reticuliforma* (Ishizaki), p.91, pl.14, fig.8.
- CA15885. *Robertsonites reticuliforma* (Ishizaki), p.91, pl.14, fig.9.
- CA15886. *Robertsonites reticuliforma* (Ishizaki), p.91, pl.14, fig.10.
- CA15887. *Robertsonites tsugaruana* Tabuki, p.93, pl.15, figs.2,5,11, Holotype.
- CA15888. *Robertsonites tsugaruana* Tabuki, p.93, pl.15, fig.1; pl.20, fig.6, Paratype.
- CA15889. *Robertsonites tsugaruana* Tabuki, p.93, pl.15, figs.6,12, Paratype.
- CA15890. *Robertsonites tsugaruana* Tabuki, p.93, pl.15, fig.3, Paratype.
- CA15891. *Robertsonites tsugaruana* Tabuki, p.93, pl.15, fig.4, Paratype.
- CA15892. *Robertsonites tsugaruana* Tabuki, p.93, pl.15, fig.7, Paratype.
- CA15893. *Robertsonites tsugaruana* Tabuki, p.93, pl.15, fig.8, Paratype.
- CA15894. *Robertsonites tsugaruana* Tabuki, p.93, pl.15, fig.9, Paratype.
- CA15895. *Robertsonites tsugaruana* Tabuki, p.93, pl.15, fig.10, Paratype.
- CA15896. *Robertsonites* sp. 1, p.94, pl.16, figs.1,4,6, text-fig.20-4.
- CA15897. *Robertsonites* sp. 1, p.94, pl.16, figs.2,3,5.
- CA15898. *Robertsonites* sp. 2, p.95, pl.16, fig.7.
- CA15899. *Hemicytherura* sp., p.95, pl.17, fig.7.
- CA15900. *Hemicytherura* sp., p.95, pl.17, fig.8.
- CA15901. *Howeina* ? sp., p.96, pl.16, figs.13,14.
- CA15902. *Semicytherura* sp. 1, p.96, pl.16, figs.9,12, text-fig.19-2.
- CA15903. *Semicytherura* sp. 1, p.96, pl.16, figs.10,11.
- CA15904. *Semicytherura* sp. 2, p.96, pl.16, figs.18,19.
- CA15905. *Semicytherura* sp. 3, p.97, pl.16, fig.8.
- CA15906. *Semicytherura* sp. 4, p.97, pl.16, fig.17.
- CA15907. *Semicytherura* sp. 5, p.97, pl.16, fig.20.
- CA15908. *Semicytherura* sp. 6, p.97, pl.17, figs.9,10.
- CA15909. *Semicytherura* ? *daishakaensis* Tabuki, p.98, pl.17, figs.1,4,6, Holotype.
- CA15910. *Semicytherura* ? *daishakaensis* Tabuki, p.98, pl.17, figs.2,3,5, text-fig.19-3, Paratype.
- CA15911. *Cytherurinae* gen. and sp. indet., p.99, pl.16, figs.15,16.
- CA15912. *Cytheropteron yajimai* Tabuki, p.99, pl.17, figs.13,16,18, text-fig.17-4, Holotype.
- CA15913. *Cytheropteron yajimai* Tabuki, p.99, pl.17, figs.14,15,17; pl.20, fig.7, text-fig.17-3, Paratype.

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Tabuki, R. (1986): continued

- CA15914. *Cytheropteron tsugaruense* Tabuki, p.100, pl.18, figs.2,3,5, text-17-5, Holotype.
- CA15915. *Cytheropteron tsugaruense* Tabuki, p.100, pl.18, figs.1,4,6; pl.20, fig.8, text-fig.17-6, Paratype.
- CA15916. *Cytheropteron* sp. 1, p.101, pl.18, figs.7,8, text-fig.19-4.
- CA15917. *Cytheropteron* sp. 2, p.101, pl.18, figs.9,10.
- CA15918. *Cytheropteron* sp. 3, p.102, pl.17, fig.11.
- CA15919. *Cytheropteron* sp. 3, p.102, pl.17, fig.12.
- CA15920. *Kangarina yamaguchii* Tabuki, p.102, pl.18, figs.12,15, Holotype.
- CA15921. *Kangarina yamaguchii* Tabuki, p.102, pl.18, figs.11,14,16, text-fig.18-8, Paratype.
- CA15922. *Kangarina yamaguchii* Tabuki, p.102, pl.18, fig.13, text-fig.17-7, Paratype.
- CA15923. *Paracytheridea* sp., p.103, pl.19, fig.1.
- CA15924. *Loxoconcha ozawai* Tabuki, p.103, pl.18, figs.17,20,22, text-fig.19-5, Holotype.
- CA15925. *Loxoconcha ozawai* Tabuki, p.103, pl.18, figs.18,19,21, Paratype.
- CA15926. *Loxoconcha* sp., p.104, pl.19, fig.2.
- CA15927. *Loxoconcha* sp., p.104, pl.19, fig.3.
- CA15928. *Nipponocythere* sp., p.105, pl.19, figs.4,5, text-fig.19-6.
- CA15929. *Nipponocythere* sp., p.105, pl.19, figs.6,7.
- CA15930. *Xestoleberis* sp. 1, p.105, pl.19, figs.14,15, text-fig.19-7.
- CA15931. *Xestoleberis* sp. 2, p.106, pl.19, fig.16.
- CA15932. *Xestoleberis* sp. 3, p.106, pl.19, fig.17.
- CA15933. *Paradoxostoma* sp. 1, p.106, pl.19, fig.12.
- CA15934. *Paradoxostoma* sp. 2, p.106, pl.19, fig.13.
- CA15935. *Sclerochilus* sp. 1, p.107, pl.19, figs.8,9, text-fig.19-8.
- CA15936. *Sclerochilus* sp. 2, p.107, pl.19, figs.10,11.

Takahashi, H. (1974a): Ammonoid fossils of Japan, 1 (Jurassic ammonites, 2-Hashiura group and Karakuwa group). *Atlas of Japanese fossils*, no.35-206, 4pp., pl.J-3, Tsukiji Shokan Pub. Co. Ltd.

- MM3760.* *Cadomites bandoi* Takahashi, pl.J-3, fig.4, Holotype. [original specimen in the Tohoku Univ., Sendai]
- MM3761. *Garantiana* sp., pl.J-3, fig.6. [see also Sato (1962)]

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Takahashi, H. (1974a): continued

- MM3762. *Leptosphinctes* (*Leptosphinctes*) sp., pl.J-3, fig.7. [see also Sato (1962)]
MM3806. *Sonninia* sp., pl.J-3, fig.1. [ditto]
MM4788. *Pelekodites* (*Spatulites*) *spatians* Buckman, pl.J-3, fig.2. [see also Sato (1972a)]
MM4789. *Pelekodites* cf. *pelekus* Buckman, pl.J-3, fig.3. [ditto]

Takahashi, H. (1974b): Ammonoid fossils of Japan, 1 (Jurassic ammonites, 3-Shishiori group and Ojika group). *Atlas of Japanese fossils*, no.35-207, 4pp., pl.J-4, Tsukiji Shokan Pub. Co. Ltd.

- MM3756. *Substeueroceras* sp., pl.J-4, fig.3. [see also Sato (1962)]
MM3759. *Kranaosphinctes* cf. *matsushima* (Yokoyama), pl.J-4, fig.6. [ditto]
MM3811. *Aspidoceras* sp., pl.J-4, fig.1. [ditto]
MM6470. *Perisphinctes ozikaensis* Fukada, pl.J-4, fig.7, Holotype. [see also Fukada (1950)]

Takahashi, H. (1974c): Ammonoid fossils of Japan, 1 (Jurassic ammonites, 1-Shizukawa group). *Atlas of Japanese fossils*, no.35-205, 4pp., pl.J-2, Tsukiji Shokan Pub. Co. Ltd.

- MM2745. *Tmetoceras recticostatum* Sato, pl.J-2, fig.5, Holotype. [see also Sato (1954a)]
MM2747. *Tmetoceras recticostatum* Sato, pl.J-2, fig.6, Paratype. [ditto]
MM2776. *Planammatoceras hosourense* (Sato), pl.J-2, fig.10, Holotype. [see also Sato (1954b)]
MM3697. *Arnioceras yokoyamai* (Matsumoto), pl.J-2, fig.1a,b. [see also Sato (1957)]
MM3702. *Harpoceras okadai* (Yokoyama), pl.J-2, fig.9. [ditto]
MM3709. *Hosoureites ikianus* (Yokoyama), pl.J-2, fig.2. [see also Sato (1958a)]
MM3710. *Hosoureites ikianus* (Yokoyama), pl.J-2, fig.3. [ditto]
MM7082. *Planammatoceras chibai* (Yokoyama), pl.J-2, fig.8, Holotype. [see also Yokoyama (1904a)]

TAMURA

Tamura, M. (1975a): Mesozoic molluscan fossils of Japan, I (Late Triassic bivalves from southwestern Japan). *Atlas of Japanese fossils*, no.42-247, 4pp., pl.Tr-9, Tsukiji Shokan Pub. Co. Ltd.

- MM3080. *Frenguelliella tanourensis* Tamura, pl.Tr-9, fig.16, Holotype. [see also Tamura (1959a)]
- MM3081. *Frenguelliella tanourensis* Tamura, pl.Tr-9, fig.15, Paratype. [ditto]
- MM4245. *Minetrigonia hegiensis* (Saeki), pl.TR-9, fig.19. [see also Kobayashi and Ichikawa (1952a)]
- MM4470. *Palaeopharus (Minepharus) triadicus* Tikuyama, pl.Tr-9, fig.20, Holotype. [see also Tokuyama (1958c)]
- MM4562. *Tosapecten suzukii okadai* Nakazawa, pl.Tr-9, fig.10. [see also Tokuyama (1960a)]
- MM4589. *Modiolus okubatensis* Tokuyama, pl.Tr-9, fig.3, Paratype. [see also Tokuyama (1960b,c)]
- MM5028. *Minetrigonia hegiensis* (Saeki), pl.Tr-9, fig.18. @see also Saeki (1925)]
- MM5048. *Halobia molukkana* Wanner, pl.Tr-9, fig.6. [see also Kobayashi and Aoti (1943)]
- MM5101. *Oxytoma yeharai* Kobayashi and Ichikawa, pl.Tr-9, fig.8, Holotype. [see also Kobayashi and Ichikawa (1950b)]
- MM5119. *Oxytoma pulchra* Kobayashi and Ichikawa, pl.Tr-9, fig.9, Holotype. [ditto]
- MM5136. *Mytilus (Falcimytilus) nasai hirataides* Kobayashi and Ichikawa, pl.Tr-9, fig.4, Syntype. [see also Kobayashi and Ichikawa (1950a)]
- MM5153. *Unionites kochigataniensis* (Kobayashi and Ichikawa), pl.Tr-9, fig.22a,b, Paratype. [see also Kobayashi and Ichikawa (1950c)]
- MM5187. *Chlamys mojsisovicsi* Kobayashi and Ichikawa, pl.Tr-9, fig.13, Holotype. [see also Kobayashi and Ichikawa (1949a)]
- MM5188. *Chlamys mojsisovicsi* Kobayashi and Ichikawa, pl.Tr-9, fig.12, Paratype. [ditto]
- MM5212. *Lima naumanni* Kobayashi and Ichikawa, pl.Tr-9, fig.14, Paratype. [see also Kobayashi and Ichikawa (1949b)]
- MM5301. *Palaeopharus (Palaeopharus) maizurensis* Kobayashi and Ichikawa, pl.Tr-9, fig.21a,b, Holotype. [see also Kobayashi and Ichikawa (1950c)]

Tamura, M. (1975b): Mesozoic molluscan fossils of Japan, I (Jurassic bivalves from northeastern Japan). *Atlas of Japanese fossils*, no.42-248, 4pp., pl.J-8, Tsukiji Shokan Pub. Co. Ltd.

TAMURA

Tamura, M. (1975b): continued

- MM2651. *Bakevellia trigona* (Yokoyama), pl.J-8, fig.6a,b. [see also Hayami (1957a)]
- MM2669. *Bakevellia* (s. l.) *cassianelloides* Kobayashi and Hayami, pl.J-8, fig.5, Holotype. [ditto]
- MM2689. *Radulonectites japonicus* Hayami, pl.J-8, fig.8, Holotype. [see also Hayami (1957d)]
- MM2690. *Radulonectites japonicus* Hayami, pl.J-8, fig.9, Paratype. [ditto]
- MM2719. *Modiolus bakevelloides* (Hayami), pl.J-8, fig.3, Holotype. [see also Hayami (1958a)]
- MM2812. *Thracia subrhombica* Hayami, pl.J-8, fig.18, Holotype. [see also Hayami (1958d)]
- MM2814. *Thracia subrhombica* Hayami, pl.J-8, fig.19, Paratype. [ditto]
- MM2874. *Cucullaea* (s. l.) *mabuchii* Hayami, pl.J-8, fig.2, Holotype. [see also Hayami (1958c)]
- MM2876. *Cucullaea* (s. l.) *mabuchii* Hayami, pl.J-8, fig.1, Paratype. [ditto]
- MM2881. *Neocrassina (Coelastarte) cardiniiformis* Hayami, pl.J-8, fig.10, Paratype. [ditto]
- MM2882. *Neocrassina (Coelastarte) cardiniiformis* Hayami, pl.J-8, fig.11, Paratype. [ditto]
- MM2927. *Camptonectes* (s. s.) *inexpectatus* Hayami, pl.J-8, fig.4, Holotype. [see also Hayami (1959a)]
- MM2936. *Burmesia japonica* Hayami, pl.J-8, fig.16, Holotype. [ditto]
- MM2937. *Burmesia japonica* Hayami, pl.J-8, fig.15, Paratype. [ditto]
- MM2950. *Oxytoma* sp. cf. *O. inequivalve* (Sowerby), pl.J-8, fig.13. [see also Hayami (1959c)]
- MM2952. *Oxytoma* sp. cf. *O. inequivalve* (Sowerby), pl.J-8, fig.14. [ditto]
- MM3130. *Kobayashites hemicylindricus* Hayami, pl.J-8, fig.12a,b, Holotype. [see also Hayami (1959e)]
- MM3574. *Protocardia morii* Hayami, pl.J-8, fig.17, Holotype. [see also Hayami (1960a)]
- MM7176. *Isognomon rikuzenicus* (Yokoyama), pl.J-8, fig.7, Holotype. [see also Yokoyama (1904a)]

Tamura, M. (1975c): Mesozoic molluscan fossils of Japan, 1 (Jurassic bivalves inner zone of southwestern Japan). *Atlas of Japanese fossils*, no.42-249, 4pp., pl.J-9, Tsukiji Shokan Pub. Co. Ltd.

TAMURA

Tamura, M. (1975c): continued

- MM2918. *Cardinia toriyamai* Hayami, pl.J-9, fig.12, Holotype. [see also Hayami (1958e)]
- MM2921. *Cardinia toriyamai* Hayami, pl.J-9, fig.11, Paratype. [ditto]
- MM3138. *Solemya suprasurensis* Hayami, pl.J-9, fig.23, Holotype. [see also Hayami (1959f)]
- MM3145. *Modiolus maedae* Hayami, pl.J-9, fig.18, Holotype. [ditto]
- MM3166. *Entolium inequivalve* Hayami, pl.J-9, fig.20, Holotype. [see also Hayami (1959g)]
- MM3167. *Entolium inequivalve* Hayami, pl.J-9, fig.21, Paratype. [ditto]
- MM3168. *Entolium inequivalve* Hayami, pl.J-9, fig.19, Paratype. [ditto]
- MM3381. *Chlamys textoria* (Goldfuss), pl.J-9, fig.1. [see also Hayami (1959h)]
- MM3382. *Chlamys textoria* (Goldfuss), pl.J-9, fig.2. [ditto]
- MM3384. "Aequipecten" *toyorensis* Hayami, pl.-9, fig.8, Holotype. [ditto]
- MM3393. *Entolium* sp. cf. *E. calvum* (Goldfuss), pl.J-9, fig.4. [ditto]
- MM3394. *Entolium* sp. cf. *E. calvum* (Goldfuss), pl.J-9, fig.3. [ditto]
- MM3401. *Plicatula subcircularis* Hayami, pl.J-9, fig.6, Holotype. [ditto]
- MM3402. *Plicatula subcircularis* Hayami, pl.J-9, fig.5, Paratype. [ditto]
- MM3414. *Plagiostoma matsumotoi* Hayami, pl.J-9, fig.9b, Holotype. [ditto]
- MM3415. *Plagiostoma matsumotoi* Hayami, pl.J-9, fig.9a, Paratype. [ditto]
- MM3418. *Antiquilima nagatoensis* Hayami, pl.J-9, fig.7a,b, Holotype. [ditto]
- MM3444. *Praeconia* sp. cf. *P. tetragona* (Terquem), pl.J-9, fig.10a,b. [ditto]
- MM3450. *Sphaeriola nipponica* Hayami, pl.J-9, fig.16, Holotype. [ditto]
- MM3451. *Sphaeriola nipponica* Hayami, pl.J-9, fig.17, Paratype. [ditto]
- MM3453. *Sphaeriola nipponica* Hayami, pl.J-9, fig.15, Paratype. [ditto]
- MM3455. *Lucina* (s. l.) *hasei* Hayami, pl.J-9, fig.14, Holotype. [ditto]
- MM3456. *Lucina* (s. l.) *hasei* Hayami, pl.J-9, fig.13, Paratype. [ditto]

Tamura, M. (1975d): Mesozoic molluscan fossils of Japan, 1 (Late Jurassic Torinosu bivalve fauna). *Atlas of Japanese fossils*, no.42-250, 4pp., pl.J-10, Tsukiji Shokan Pub. Co. Ltd.

- MM2976. *Astarte sakamotoensis* Tamura, pl.J-10, fig.30, Holotype. [see also Tamura (1959b)]
- MM2982. *Astarte ogawensis* Kimura, pl.J-10, fig.31. [ditto]

TAMURA

Tamura, M. (1975d): continued

- MM3025. *Catella (Torinosucatella) kobayashii* Tamura, pl.J-10, fig.3, Paratype. [see also Tamura (1959c)]
- MM3031. *Parvamussium habunokawense* (Kimura), pl.J-10, fig.8. [ditto]
- MM3039. *Entolium kimurai* Tamura, pl.J-10, fig.22, Paratype. [ditto]
- MM3042. *Entolium kimurai* Tamura, pl.J-10, fig.23, Paratype. [ditto]
- MM3045. *Entolium yatsujiene* Kurata and Kimura, pl.J-10, fig.24. [ditto]
- MM3048. "Aequipecten" *kotsubu* (Kimura), pl.J-10, fig.35. [ditto]
- MM3070. *Somapecten kamimanensis* Kimura, pl.J-10, fig.18. [ditto]
- MM3073. *Somapecten kamimanensis* Kimura, pl.J-10, fig.17. [ditto]
- MM3087. *Opis (Trigonopsis) torinosuensis* Kimura, pl.J-10, fig.28, [see also Tamura (1959d)]
- MM3093. *Corbula globosa* Tamura, pl.J-10, fig.29, Holotype. [ditto]
- MM3199. *Grammatodon (Grammatodon) takiensis* Kimura, pl.J-10, fig.2. [see also Tamura (1959e)]
- MM3200. *Grammatodon (Grammatodon) takiensis* Kimura, pl.J-10, fig.1. [ditto]
- MM3202. *Grammatodon (Indogrammatodon) densistriatus* Tamura, pl.J-10, fig.5, Holotype. [ditto]
- MM3203. *Grammatodon (Indogrammatodon) densistriatus* Tamura, pl.J-10, fig.6, Paratype. [ditto]
- MM3206. *Catella (Torinosucatella) kobayashii* Tamura, pl.J-10, fig.4. [ditto]
- MM3209. *Chlamys campitonectoides* Tamura, pl.J-10, fig.27, Paratype. [ditto]
- MM3220. *Eopecten punctus* (Kimura), pl.J-10, fig.26. [ditto]
- MM3225. *Somapecten kamimanensis* Kimura, pl.J-10, fig.19. [ditto]
- MM3226. *Plagiostoma enomicosta* (Tamura), pl.J-10, fig.21, Paratype. [ditto]
- MM3228. *Plagiostoma enomicosta* (Tamura), pl.J-10, fig.20, Holotype. [ditto]
- MM3240. *Somapteria koikensis* Tamura, pl.J-10, fig.12, Paratype. [see also Tamura (1960b)]
- MM3243. *Somapteria koikensis* Tamura, pl.J-10, fig.13, Paratype. [ditto]
- MM3246. *Pteroperna pauciradiata* Tamura, pl.J-10, fig.14, Holotype. [ditto]
- MM3264. *Inoperna plicatus* (J. Sowerby), pl.J-10, fig.15. [see also Tamura (1960c)]
- MM3266. *Inoperna plicatus* (J. Sowerby), pl.J-10, fig.16. [ditto]
- MM3282. *Neoburmesia iwakiensis* Yabe and Sato, pl.J-10, fig.33a,b. [ditto]
- MM3314. *Neocrassina (Coelastarte) somensis* (Tamura), pl.J-10, fig.35, Holotype. [see also Tamura (1960d)]

TAMURA

Tamura, M. (1975d): continued

- MM3316. *Neocrassina (Coelastarte) somensis* (Tamura), pl.J-10, fig.34, Paratype. [see also Tamura (1960d)]
- MM3330. *Protocardia tosensis* Kimura, pl.J-10, fig.32. [ditto]
- MM3621. *Plicatula yatsujiensis* Tamura, pl.J-10, figs.10,11, Holotype. [see also Tamura (1960a)]
- MM7150. *Lopha* sp. cf. *L. marshii* J. Sowerby, pl.J-10, fig.36. [ditto]
- MM7152. *Lopha* sp. cf. *L. eruca* (Defrance), pl.J-10, fig.37. [ditto]

Tamura, M. (1975e): Mesozoic molluscan fossils of Japan, 1 (Early and Middle Jurassic trigonoid bivalves). *Atlas of Japanese Fossils*, no.42-251, 4pp., pl.J-11, Tsukiji Shokan Pub. Co. Ltd.

- MM2962. *Trigonia sumiyagura* Kobayashi and Kaseno, pl.J-11, fig.1a,b. [see also Hayami (1959c)]
- MM3437. *Prosogyrotrigonia inouyei* (Yehara), pl.J-11, fig.13. [see also Kobayashi and Mori (1955)]
- MM3438. *Prosogyrotrigonia inouyei* (Yehara), pl.J-11, fig.12. [ditto]
- MM4305. *Trigonia senex* Kobayashi and Mori, pl.J-11, fig.2, Holotype. [see also Kobayashi and Mori (1954)]
- MM4313. *Geratrígona hosourensis* (Yokoyama), pl.J-11, fig.6a,b. [ditto]
- MM4316. *Geratrígona lata* Kobayashi, pl.J-11, fig.4, Paratype. [ditto]
- MM4328. *Vaugonia kodaijimensis* Kobayashi and Mori, pl.J-11, fig.16, Paratype. [see also Kobayashi and Mori (1955)]
- MM4332. *Vaugonia namigashira* Kobayashi and Mori, pl.J-11, fig.17, Paratype. [ditto]
- MM4339. *Vaugonia (Hijitrigonia) geniculata* Kobayashi and Mori, pl.J-11, fig.19, Paratype. [ditto]
- MM4341. *Vaugonia (Hijitrigonia) geniculata* Kobayashi and Mori, pl.J-11, fig.18, Paratype. [ditto]
- MM4342. *Vaugonia (Hijitrigonia) kojiwa* Kobayashi and Mori, pl.J-11, fig.20, Holotype. [ditto]
- MM4344. *Orthotrigonia midareta* Kobayashi and Mori, pl.J-11, fig.25, Holotype. [ditto]
- MM4345. *Orthotrigonia corrugata* Kobayashi and Mori, pl.J-11, fig.24, Holotype. [ditto]
- MM4350. *Myophorella (Promyophorella) sigmoidalis* Kobayashi and Tamura, pl.J-11, fig.21, Holotype. [see also Kobayashi and Tamura (1955)]
- MM4353. *Myophorella (Promyophorella) sugayensis* Kobayashi and Tamura, pl.J-11, fig.23, Holotype. [ditto]

TAMURA

Tamura, M. (1975e): continued

- MM4354. *Myophorella (Promyophorella) sugayensis geniculata* Kobayashi and Tamura, pl.J-11, fig.22, Holotype. [see also Kobayashi and Tamura (1955)]
- MM4379. *Latitrigonia unicarinata* Kobayashi and Tamura, pl.J-11, fig.9, Holotype. [see also Kobayashi and Tamura (1957)]
- MM4380. *Latitrigonia unituberculata* Kobayashi and Tamura, pl.J-11, fig.10, Holotype. [ditto]
- MM4381. *Ibotrigonia masatanii* Kobayashi and Tamura, pl.J-11, fig.7, Holotype. [ditto]
- MM4382. *Ibotrigonia masatanii* Kobayashi and Tamura, pl.J-11, fig.8, Paratype. [ditto]
- MM4385. *Scaphotrigonia somensis* Kobayashi and Tamura, pl.J-11, fig.26, Holotype. [ditto]
- MM4386. *Scaphotrigonia somensis* Kobayashi and Tamura, pl.J-11, fig.28, Paratype. [ditto]
- MM4387. *Scaphotrigonia somensis* Kobayashi and Tamura, pl.J-11, fig.27, Paratype. [ditto]
- MM4388. *Geratrigonia kurumensis* Kobayashi, pl.J-11, fig.3, Holotype. [see also Kobayashi (1957b)]
- MM4430. *Nipponitrigonia sagawai* (Yehara), pl.J-11, fig.14. [see also Kobayashi (1957a)]
- MM4434. *Nipponitrigonia sagawai* (Yehara), pl.J-11, fig.15. [ditto]

Tamura, M. (1975f): Mesozoic molluscan fossils of Japan, 1 (Late Jurassic trigonioid bivalves). *Atlas of Japanese fossils*, no.42-252, 4pp., pl. J-12, Tsukiji Shokan Pub. Co. Ltd.

- MM4346. *Myophorella (Myophorella) dekaiboda* Kobayashi and Tamura, pl.J-12, fig.1a,b, Holotype. [see also Kobayashi and Tamura (1955)]
- MM4355. *Myophorella (Promyophorella) orientalis* Kobayashi and Tamura, pl.J-12, figs.4a,b, 5, Holotype. [ditto]
- MM4358. *Myophorella (Haidaia) crenulata* Kobayashi and Tamura, pl.J-12, fig.6, Holotype. [ditto]
- MM4359. *Myophorella (Haidaia) crenulata* Kobayashi and Tamura, pl.J-12, fig.7, Paratype. [ditto]
- MM4364. *Oistotrigonia prima* Kobayashi and Tamura, pl.J-12, figs.10, 12, Holotype. [ditto]
- MM4365. *Oistotrigonia prima* Kobayashi and Tamura, pl.J-12, fig.11, Paratype. [ditto]

TAMURA

Tamura, M. (1975f): continued

- MM4375. *Linotrigonia toyamai* (Yehara), pl.J-12, fig.3. [see also Kobayashi (1956a)]
MM4376. *Linotrigonia toyamai* (Yehara), pl.J-12, fig.2a,b. [ditto]

Tamura, M. (1976a): Mesozoic molluscan fossils of Japan, 3 (Early Cretaceous trigonid bivalves). *Atlas of Japanese fossils*, no.44-263, 4pp., pl.Cr-29, Tsukiji Shokan Pub. Co. Ltd.

- MM4437. *Nipponotrigonia naumanni* (Yehara), pl.Cr-29, fig.9. [see also Kobayashi (1957a)]
MM4438. *Nipponotrigonia naumanni* (Yehara), pl.Cr-29, fig.10. [ditto]
MM4451. *Pterotrigonia pocilliformis* (Yokoyama), pl.Cr-29, fig.4a,b. [see also Kobayashi and Nakano (1957)]
MM4456.* *Pterotrigonia hokkaidoana* (Yehara), pl.Cr-29, fig.3. [original specimen in the Hiroshima University, Hiroshima]

Tamura, M. (1976b): Mesozoic molluscan fossils of Japan, 3 (Late Cretaceous trigonid bivalves). *Atlas of Japanese fossils*, no.44-264, 4pp., pl.Cr-30, Tsukiji Shokan Pub. Co. Ltd.

- MM4413. *Steinmannella (Yeharella) japonica* (Yehara), pl.Cr-30, fig.1. [see also Kobayashi and Amano (1955)]
MM4421. *Steinmannella (Yeharella) kimurai* (Tokunaga and Shimizu), pl.Cr-30, fig.2. [ditto]
MM4461. *Acanthotrigonia pustulosa* (Nagao), pl.Cr-30, fig.14. [see also Kobayashi and Nakano (1957)]

Tamura, M. and Tashiro, M. (1976): Mesozoic molluscan fossils of Japan, 2 (Late Cretaceous bivalves from Kyushu). *Atlas of Japanese fossils*, no.43-257, 4pp., pl.Cr-23, Tsukiji Shokan Pub. Co. Ltd.

- MM3704. *Eopinctada matsumotoi* (Tamura), pl.Cr-23, fig.14, Holotype. [see also Tamura (1961)]
MM3707. *Eopinctada matsumotoi* (Tamura), pl.Cr-23, fig.13, Paratype. [ditto]

TOKUDA - TOKUNAGA - TOKUYAMA

Tokuda, S. and Otuka, Y. (1936): Fossils from the environs of South Idu.
Jour. Geol. Soc. Japan, vol.43, no.515, pp.623-626. [in Japanese]

The following specimens, though were not described, are preserved in this Museum.

Glycymeris sp. (*albolineata* (Lischke) type): CM12800

Chlamys kakisakiensis Nomura and Niino: CM12801*

Gomphina cfr. *aequilatera* (Sowerby): CM12802

Pleurotomaria aff. *yabei* Nomura and Niino: CM12803*

Tokunaga, S. and Iizuka, M. (1930): Geological studies on the Ube coal-field. *Mem. Fac. Sci. Eng., Waseda Univ.*, no.6, pp.1-151, pls.1-7.

CV8207. *Stegodon orientalis* Owen, p.132, pl.5, figs.1-3.

Tokuyama, A. (1961): On some Triassic pelecypods from Pahang Province, Malaya. *Trans. Proc. Palaeont. Soc. Japan*, N. S., no.44, pp.175-181, pl.27,

MM6975. *Anodontophora* cfr. *trapezoidalis* Mansuy, p.178, pl.27, fig.22.

MM6976. *Neoschizodus laevigatus elongatus* Philippi, p.178, pl.27, fig. la,b.

MM6977. *Neoschizodus laevigatus elongatus* Philippi, p.178, pl.27, fig.2.

MM6978. *Neoschizodus laevigatus elongatus* Philippi, p.178, pl.27, fig.3.

MM6979. *Neoschizodus laevigatus elongatus* Philippi, p.178, pl.27, fig.4.

MM6980. *Neoschizodus laevigatus elongatus* Philippi, p.178, pl.27, fig.5.

MM6981. *Neoschizodus laevigatus elongatus* Philippi, p.178, pl.27, fig.6.

MM6982a. *Myophoria goldfussi lipisensis* Tokuyama, p.179, pl.27, figs.7,12, Holotype.

MM6982b. *Myophoria goldfussi lipisensis* Tokuyama, p.179, pl.27, fig.14, Paratype.

MM6983. *Myophoria goldfussi lipisensis* Tokuyama, p.179, pl.27, fig.8, Paratype.

MM6984a. *Myophoria* sp. ex gr. *costata* Zenker, p.179, pl.27, fig.10a,b.

MM6984b. *Myophoria goldfussi lipisensis* Tokuyama, p.179, pl.27, fig.11, Paratype.

MM6985. *Myophoria goldfussi lipisensis* Tokuyama, p.179, pl.27, fig.13, Paratype.

TOKUYAMA - TORIYAMA - YABE - YAJIMA

Tokuyama, A. (1961): continued

- MM6986. *Myophoria goldfussi lipisensis* Tokuyama, p.179, pl.27, fig.15, Paratype.
- MM6987. *Myophoria goldfussi lipisensis* Tokuyama, p.179, pl.27, fig.16, Paratype.
- MM6988. *Myophoria goldfussi lipisensis* Tokuyama, p.179, pl.27, fig.17, Paratype.
- MM6989. *Myophoria goldfussi lipisensis* Tokuyama, p.179, pl.27, fig.18a,b, Paratype.
- MM6990. *Myophoria goldfussi lipisensis* Tokuyama, p.179, pl.27, fig.19, Paratype.
- MM6991. *Myophoria goldfussi lipisensis* Tokuyama, p.179, pl.27, fig.20, Paratype.
- MM6992. *Myophoria* sp. ex gr. *costata* Zenker, p.179, pl.27, fig.9.
- MM6993. *Pteria* sp. indet., p.179, pl.27, fig.23.
- MM6994. *Plagiostoma* (?) sp. indet., p.180, pl.27, fig.21.

Toriyama, R. and Ota, M. (1973): Carboniferous and Permian fusuline fossils from the Akiyoshi limestone group, Yamaguchi Prefecture, 3. *Atlas of Japanese fossils*, no.31-183, 4pp., pl.CP-5, Tsukiji Shokan Pub. Co. Ltd.

- PF9428. *Parafusulina edoensis* (Ozawa), pl.CP-5, fig.6a, Syntype. [see also Ozawa (1925b)]

Yabe, H. and Shimizu, S. (1921): Notes on some Cretaceous ammonites from Japan and California. *Sci. Rept. Tohoku Univ.*, Sendai, Japan, Second Series (Geology), vol.5, no.3, pp.53-59, pls.8,9.

- MM6764. *Pachydiscus (Parapachydiscus) fascicostatum* Yabe, p.57, pl.8, fig.5; pl.9, fig.2a-e, Holotype.

Yajima, M., Hanai, T. and Ikeya, N. (1985): Ostracodes from deep sea drilling project leg 87¹. *Initial Reports of the Deep Sea Drilling Project*, vol.87, pp.605-608, pl.1.

- CA16643. *Acanthocythereis* ? sp., p.606, pl.1, figs.1,2,4,5,7-15.
CA16644. *Cytherura* ? *mii* (Ishizaki), p.606, pl.1, figs.3,6.

YANAI - YOKOYAMA

Yanai, S. (1980): Inoceramids discovered from the Uwajima group in the Chikanaga district, western Shikoku, Japan. *Trans. Proc. Palaeont. Soc. Japan*, N. S., no.120, pp.405-418, pl.50.

- MM5713. *Inoceramus (Inoceramus) yabei* Nagao and Matsumoto, p.409, pl.50, fig.1a-c.
- MM5714. *Inoceramus (Inoceramus) yabei* Nagao and Matsumoto, p.409, pl.50, fig.2.
- MM5715. *Inoceramus (Inoceramus) yabei* Nagao and Matsumoto, p.409, pl.50, fig.3.
- MM5716. *Inoceramus (Inoceramus) yabei* Nagao, and Matsumoto, p.409, pl.50, fig.4.
- MM5717. *Inoceramus (Inoceramus) teshioensis* Nagao and Matsumoto, p.411, pl.50, fig.5.
- MM5718. *Inoceramus (Inoceramus) teshioensis* Nagao and Matsumoto, p.411, pl.50, fig.6.
- MM5719. *Inoceramus (Inoceramus) teshioensis* Nagao and Matsumoto, p.411, pl.50, fig.7.
- MM5720. *Inoceramus (Inoceramus) uwajimensis* Yehara, p.413, pl.50, fig.8.
- MM5721. *Inoceramus (Inoceramus) uwajimensis* Yehara, p.413, pl.50, fig.9U.
- MM5722. *Inoceramus (Inoceramus) uwajimensis* Yehara, p.413, pl.50, fig.9L.
- MM5723. *Inoceramus (Inoceramus) uwajimensis* Yehara, p.413, pl.50, fig.10.
- MM5724. *Inoceramus (Inoceramus) uwajimensis* Yehara, p.413, pl.50, fig.11.
- MM5725. *Inoceramus (Inoceramus) uwajimensis* Yehara, p.413, pl.50, fig.12U.
- MM5726. *Inoceramus (Inoceramus) uwajimensis* Yehara, p.413, pl.50, fig.12L.
- MM5727. *Inoceramus (Inoceramus) uwajimensis* Yehara, p.413, pl.50, fig.13.

Yokoyama, M. (1928c): Semi-fossil shells Noto. *Imp. Geol. Surv. Japan*, Rept. no.101, pp.113-128, pls.19-21.

- CM25409. *Cylichna incisula* Yokoyama, p.122, pl.19, fig.1, Syntype.
- CM25419. *Cuma pseudodiadema* Yokoyama, p.122, pl.19, fig.5, Syntype.
- CM25432. *Rissoa (Cingula) subdharma* Yokoyama, p.123, pl.19, fig.2, Holotype. (missing)
- CM25437. *Polinices pallidus* (Broderip and Sowerby), p.124, pl.19, fig.3.
- CM25448. *Fissuridea sieboldii* (Reeve), p.124, pl.19, fig.4.
- CM25458. *Solecurtus abbreviatus* Gould, p.124, pl.19, fig.12. (missing)
- CM25459. *Semele sinensis* A.Adams, p.125, pl.20, fig.3.
- CM25461. *Tellina gorgadaria* Linné, p.125, pl.19, fig.6.

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Yokoyama, M. (1928c): continued

- CM25462. *Tellina gorgadis* Linné, p.125, pl.19, fig.7.
CM25466. *Petricola japonica* Dunker, p.126, pl.19, fig.14.
CM25467. *Petricola japonica* Dunker, p.126, pl.19, fig.15.
CM25469. *Meretrix tigrina* (Lamarck), p.126, pl.19, fig.10.
CM25470. *Meretrix tigrina* (Lamarck), p.126, pl.19, fig.11.
CM25473. *Circe scripta* (Linné), p.127, pl.20, fig.2. (missing)
CM25474. *Circe divaricata* Chemnitz, p.127, pl.20, fig.1.
CM25478. *Kellia notoensis* Yokoyama, p.127, pl.19, fig.13, Holotype.
CM25485. *Cardita crassicosta* Lamarck, p.128, pl.19, fig.8.
CM25486. *Cardita crassicosta* Lamarck, p.128, pl.19, fig.9.
CM25500. *Arca decurvata* Lischke, p.128, pl.20, fig.4.
CM25502. *Soletellina adamsii* Dehsayes, p.121, pl.21, fig.1. (missing)
CM25503. *Soletellina adamsii* Deshayes, p.121, pl.21, fig.2. (missing)

The following specimens, which were mentioned but not illustrated in this paper, are also preserved in this museum.

- Solidula strigosa* Gould: CM25407
Cylichna andenica Yokoyama: CM25408
Cylichna incisula Yokoyama: CM25410, Syntype.
Pleurotoma vertebrata Smith: CM25411
Clathurella centrosa Pilsbry: CM25412
Cancellaria spengleriana Deshayes: CM25413
Fusus perplexus Adams: CM25414
Nassa (Hima) japonica Adams: CM25415
Nassa (Hima) festiva Powis: CM25416
Nassa (Niotha) livescens Philippi: CM25417
Ocinebra contracta Reeve: CM25418
Cuma pseudodiadema Yokoyama: CM25420, Syntype.
Columbella (Mitrella) dunkeri Tryon: CM25421
Rapana bezoar Linné var. *thomasiiana* Crosse: CM25422 (missing)
Purpura alveolata Reeve: CM25423
Strombus japonicus Reeve: CM25424
Cerithium (Clava) kochi Philippi: CM25425
Cerithium kobelti Dunker: CM25426

YOKOYAMA

Yokoyama, M. (1928c): continued

- Potamides (Tympanotomus) fluviatilis* (Potiez and Michaud): CM25427
Triforis otsuensis Yokoyama: CM25428
Thylacodes medusae Pilabry: CM25429
Vermetus ebaranus Yokoyama: CM25430
Litiopa simplex Yokoyama: CM25431 (missing)
Rissoina submerculialis Yokoyama: CM25433
Rissoina cancellata Philippi: CM25434
Fenella septentrionale Tokunaga: CM25435
Natica colliei Recluz: CM25436
Polinices ampla (Philippi): CM25438
Sigaretus (Eunaticina) palilla Gmelin: CM25439
Pyramidella (Syrnola) toshimana Yokoyama: CM25440
Turbo (Marmorostoma) coreensis Recluz: CM25441
Turbo (Marmorostoma) granulatus Gmelin: CM25442
Chlorostoma umbilicatum (Lischke): CM25443
Chlorostoma argyrostomum Gmelin: CM25444 (missing)
Monodonta labio Linné: CM25445
Cantharidus japonicus (Adams): CM25446
Cyclostrema duplicatum Lischke: CM25447
Acmaea schrencki Lischke: CM25449
Dentalium octagonum Lamarck: CM25450
Pholas fragilis Sowerby: CM25451
Martesia striata (Linné) var. *tokoensis* Yokoyama: CM25452
Panope generosa (Gould): CM25453
Mya arenaria Linné: CM25454
Macra ovalina Lamarck: CM25455
Raeta yokohamensis Pilsbry: CM25456 (missing)
Solen krusensternii Schrenck: CM25457
Tellina iridella Martens: CM25460
Macoma inquinata (Deshayes): CM25463
Macoma praetexta v.Martens: CM25464
Loripes philippiana (Reeve): CM25465
Dosinia troscheli Lischke: CM25468 (missing)

YOKOYAMA

Yokoyama, M. (1928c):

Venus jedoensis Lischke: CM25471
Chione crenifera (Sowerby): CM25472
Venerupis insignis (Deshayes): CM25475 (missing)
Tapes variegatus Hanley: CM25476
Cardium muticum Reeve: CM25477
Diplodonta japonica Pilsbry: CM25479
Diplodonta semiaspera Philippi: CM25480
Codakia bella Conrad var. *delicatula* Pilsbry: CM25481
Lucina contraria Dunker: CM25482
Lucina pisidium Dunker: CM25483
Chama semipurpurata Lischke: CM25484
Trapezium nipponicum Yokoyama: CM25487
Coralliophaga coralliophaga Gmelin: CM25488
Anomia lischkei Fischer and Dautzenberg: CM25489
Lima angulata Sowerby: CM25490
Spondylus cruentus Lischke: CM25491
Pecten (Chlamys) laetus Gould: CM25492
Pecten (Vola) laqueatus Sowerby: CM25493 (missing)
Pecten (Vola) sinensis Sowerby: CM25494
Ostrea gigas Thunberg: CM25495
Ostrea denselamellosa Lischke: CM25496
Arca kobeltiana Pilsbry: CM25497
Arca (Barbatia) stearnsii Pilsbry: CM25498
Arca (Barbatia) symmetrica Reeve: CM25499
Terebratulina caputserpentis Linné: CB25501

Yokoyama, M. (1929c): Pliocene shells from near Nanao, Noto. *Imp. Geol. Surv. Japan*, Rept. no.104, pp.1-7, pls.1-6.

- CM24680. *Pecten (Patinopecten ?) kagamianus* Yokoyama, p.2, pl.2, fig.1.
[see also Yokoyama (1926a)]
- CM24683. *Pecten (Patinopecten ?) kagamianus* Yokoyama, p.2, pl.2, fig.2.
[see also Yokoyama (1926a)]
- CM25504. *Pecten (Patinopecten ?) kagamianus* Yokoyama, p.2, pl.1, fig.1.
- CM25505. *Pecten (Patinopecten ?) kagamianus* Yokoyama, p.2, pl.1, fig.2.

YOKOYAMA

Yokoyama, M. (1929c): continued

- CM25506. *Pecten notoensis* Yokoyama, p.4, pl.3, fig.1, Syntype.
- CM25507. *Pecten notoensis* Yokoyama, p.4, pl.3, fig.2, Syntype.
- CM25508. *Pecten notoensis* Yokoyama, p.4, pl.3, fig.3, Syntype.
- CM25509. *Pecten notoensis* Yokoyama, p.4, pl.3, fig.4, Syntype.
- CM25510. *Pecten notoensis* Yokoyama, p.4, pl.4, fig.1, Syntype.
- CM25511. *Pecten notoensis* Yokoyama, p.4, pl.4, fig.2, Syntype.
- CM25512. *Pecten notoensis* Yokoyama, p.4, pl.5, fig.1, Syntype.
- CM25513. *Pecten notoensis* Yokoyama, p.4, pl.5, fig.2, Syntype.
- CM25519. *Pecten (Chlamys) hastatus* Sowerby var. *ingeniosa* Yokoyama, p.5, pl.6, fig.2, Holotype.
- CM25520. *Pecten (Chlamys) crassivebius* Yokoyama, p.6, pl.6, fig.1, Holotype.
- CM25521. *Pecten* sp., p.6, pl.5, fig.3.
- CM25522. *Pecten* sp., p.6, pl.5, fig.4.

The following specimens, which were mentioned but not illustrated in this paper, are also preserved in this museum.

Pecten notoensis Yokoyama: CM25514, CM25515, CM25516, CM25517, CM25518, Syntypes.

Yokoyama, M. (1932b): Neogene shells from South Karafuto. *Imp. Geol. Surv. Japan*, Rept. no.111, pp.1-15, pls.1-4.

- CM26960. *Melongena angasiana* Yokoyama, p.10, pl.4, fig.2, Holotype.
- CM26961. *Melongena onnaica* Yokoyama, p.11, pl.4, fig.1, Holotype.
- CM27017. *Pecten (Pseudamusium) peckhami* Gabb, p.14, pl.2, fig.1, la.

The following specimen, which were mentioned but not illustrated in this paper, are also preserved in this museum.

Pecten (Pseudamusium) peckhami Gabb: CM27018

INDEX OF TAXONOMIC NAMES

In this index taxonomic names of type and illustrated specimens of Paleozoic and Mesozoic fossils 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.5-198) for further details.

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- Alethopteris thailandica*: Kon'no, 1963 [PP1597-15950]
Bowmanites sp.: Kon'no, 1963 [PP15955]
Callipteris sullivanti: Masutomi and Hamada, 1966 [PP17336]
Glossopteris browniana: Masutomi and Hamada, 1966 [PP17351]
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Imparipteris decipiens: Masutomi and Hamada, 1966 [PP17335]
Lepidodendron aculeatum: Masutomi and Hamada, 1966 [PP17338]
Lepidodendron clypeatum: Masutomi and Hamada, 1966 [PP17337]
Lepidodendron ovoatum: Masutomi and Hamada, 1966 [PP17340]
Lepidodtobus variabilis: Masutomi and Hamada, 1966 [PP17341]
Leptophloem rhombicum: Masutomi and Hamada, 1966 [PP17306]
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Sigillaria sp.: Masutomi and Hamada, 1966 [PP17343]
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- Cladophlebis lobifolia*: Masutomi and Hamada, 1966 [MP17443]
Ctenis kaneharai: Masutomi and Hamada, 1966 [MP7190]
Czekanowskia murryana: Shikama, 1943 [MP7184], Shikama, 1952 [MP7184]
Equisetum arenaceum: Masutomi and Hamada, 1966 [MP17353]
Sassafras cretaceum: Masutomi and Hamada, 1966 [MP17479]

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- Cycas Fujianana*: Shikama, 1964 [CP20001]

PROTISTA - PORIFERA - COELENTERATA

PROTISTA

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Parafusulina edoensis: Toriyama and Ota, 1973 [PF9428]

Pseudoschwagerina muongthensis: Shikama, 1943 [PF9450], Shikama, 1952 [PF9450]

Triticites ventricosus: Masutomi and Hamada, 1966 [PF9456]

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- Favosites niagarensis*: Masutomi and Hamada, 1966 [PC17250]
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"Zaphrentis" sp.: Masutomi and Hamada, 1966 [PC17318]

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- Acrosmlia laemanni*: Masutomi and Hamada, 1966 [MC17438, 17439]
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Pachyteichisma lamellosa: Masutomi and Hamada, 1966 [MC17440]
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Thecosmlia trichotoma: Masutomi and Hamada, 1966 [MC17441, 17442]

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- Acrothele eryx*: Kobayashi, 1966 [PB6895, 6896]

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- Ambocoelia umbonata*: Okubo, 1956 [PB4893]
Anatrypa insquamosa: Masutomi and Hamada, 1966 [PB17284]
Abopolotheca dorsosulcata: Okubo, 1956 [PB4892]
Archimedes wortheni: Masutomi and Hamada, 1966 [PB17328]
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Botsfordia granulata: Shikama, 1943 [PB1452, 1453], Shikama, 1952 [PB1452, 1453]
Brachythyrina strangwaysi: Hamada, 1964a [PB15957]
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- Obolus (Westonia) blackwelderi*: Shikama, 1943 [PB0910], Shikama, 1952 [PB0910]
- Opikina (?) bellocostata*: Hamada, 1968 [PB15970,15971]
- Orbiculoides newberryi*: Masutomi and Hamada, 1966 [PB17214]
- Orthis nipponica*: Shikama, 1943 [PB0520], Shikama, 1952 [PB0520]
- Pentamerus laevis*: Masutomi and Hamada, 1966 [PB17248]
- Plaesiomys (Plaesiomys) subquadrata*: Masutomi and Hamada, 1966 [PB17233, 17234]
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- Pterospirifer alatus*: Masutomi and Hamada, 1966 [PB17345]
- Purdonella magna*: Hamada, 1964a [PB15956]
- Rafinesquina komalarjuni*: Hamada, 1968 [PB15967-15969]
- Rhynchotreta cuneata*: Masutomi and Hamada, 1966 [PB17256]
- Semiplanus latissimus*: Masutomi and Hamada, 1966 [PB17322]
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- "*Spirifer*" *forbesi*: Masutomi and Hamada, 1966 [PB17323]
- Stringovcephalus burtini*: Masutomi and Hamada, 1966 [PB17289]
- Stropheodonta boonensis*: Okubo, 1956 [PB4888]
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- Burmirhynchia japonica*: Shikama, 1964 [MB4648]
- Burmirhynchia torinosuensis*: Shikama, 1964 [MB4650]
- Cyclothyris vespertilio*: Masutomi and Hamada, 1966 [MB17475a,b]
- Epithyris maxillata*: Masutomi and Hamada, 1966 [MB17371]
- Pinctospirifer triadicus*: Shikama, 1966 [MB4636]
- Pygites diphyoides*: Masutomi and Hamada, 1966 [MB17459]
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- "*Rhynchonella*" cf. *haradai*: Shikama, 1964 [MB4645]
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- "*Rhynchonella*" *noichiensis*: Shikama, 1964 [MB4610]
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- Brachiopoda sp.: Otuka, 1933b [CB11631]
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- Cyclotrypa alexanderi*: Sakagami, 1963 [PB15938-15940]
Fistulipora hupehensis: Sakagami, 1963 [PB15941,15942]
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- Notaculites toyomensis*: Shikama, 1964 [PW1994]
"*Oldhamia radiata*": Masutomi and Hamada, 1966 [PW17219]

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- Serpulites* (s. l.) sp.: Kobayashi, Burton, Tokuyama and Yin, 1967 [MW4944, 4945]
Lumbricaria intestinum: Masutomi and Hamada, 1966 [MW17432]

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Ditrupa (?) *gordonis*: Shikama, 1964 [CW20328]

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Bucanopsis tsuibonensis: Shikama, 1943 [PM0575], Shikama, 1952 [PM0575]

Coreospira rugosa: Shikama, 1943 [PM1476], Shikama, 1952 [PM1476], Hayami and Kase, 1977 [PM1473]

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Lesueurilla shirakii: Hayami and Kase, 1977 [PM0593]

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Lophospira pagoda: Shikama, 1943 [PM0581], Shikama, 1952 [PM0581]

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Lophospira sp. b: Kobayashi and Hamada, 1964b [PM4949, 4950]

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Maclurites tofangoensis: Kobayashi, 1966 [PM6893], Hayami and Kase, 1977 [PM0083]

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Ophileta ichimurai: Hayami and Kase, 1977 [PM0187]

Pagodispira sakamotoi: Shikama, 1943 [PM0073], Shikama, 1952 [PM0073]

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- Olatyschisma oculum*: Masutomi and Hamada, 1966 [PM17344]
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Trochonema ozawai: Hayami and Kase, 1977 [PM0090]
Worthenia tabulata: Masutomi and Hamada, 1966 [PM17320]

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- Acirsa (Hemiacirsa) miyakoensis*: Kase, 1984 [MM15619, 15620]
Acmaea ? moshiensis: Kase, 1984 [MM15416-15422]
Acteon ? sp.: Kase, 1984 [MM15625, 15626]
Afrollonia matsushimensis: Kase, 1984 [MM15457-15461]
Amauropsis importuna: Kase, 1984 [MM15588-15605]
Aptyxiella hideshimensis: Kase, 1984 [MM15558-15562]
Archimedea rigida: Kase, 1984 [MM15556, 15557, 15701]
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Ataphrus (Atapheus) sp. cf. A. (A.) desori: Kase, 1984 [MM15470, 15471]
Ataphrus (Ataphrus) yokoyamai: Kase, 1984 [MM15464-15469]
Bathraspira excavata: Kase, 1984 [MM15692, 15693]
Brotia wakinoensis: Shikama, 1943 [MM7940], Shikama, 1952 [MM7940]
Brotiopsis wakinoensis: Shikama, 1964 [MM7940], Hayami and Kase, 1977 [MM7940]
Brunonia undulata: Kase, 1984 [MM15707, 15708]
Callicomphalus (Callicomphalus) aptitanus: Kase, 1984 [MM15462]
Calliostoma ? sp.: Kase, 1984 [MM15706]
Cassiope (Cassiope) neumayri: Kase, 1984 [MM7903]
Cassiope (Cassiope) sp.: Kase, 1984 [MM15554, 15555]
Cassiope (Cassiopella) angusta: Kase, 1984 [MM7900, 7904]
Ceratosiphon sp. cf. C. ebrayi: Kase, 1984 [MM15614]
Chartronella pacifica: Hayami, Maeda and Fuller, 1977 [MM17204-17206]
Chemnitzia luneata: Masutomi and Hamada, 1966 [MM17413]

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Mesozoic Gastropoda (continued)

- Chilodonta* sp. cf. *C. antiqua*: Kase, 1984 [MM15446,15447]
Cimolithium (?) *miyakoense*: Hanai, Obata and Hayami, 1968 [MM15694]
Cimolithium ? *miyakoense*: Kase, 1984 [MM15670-15689]
Cirsocerothium reticulatum: Kase, 1984 [MM15649-15651]
Cirsocerithium subspinosum: Kase, 1984 [MM15646,15647]
Confusiscala sp. cf. *C. novemvaricosa*: Kase, 1984 [MM15621,15622]
Conotomeria oshimensis: Kase, 1984 [MM15415]
Conotomaria sp. cf. *C. lima*: Kase, 1984 [MM15414]
Discotectus crassus: Kase, 1984 [MM15438]
Discotectus cripsus: Kase, 1984 [MM15439-15444]
Drepanochilus elegantodigitatus: Kase, 1984 [MM15607-15611]
Drepanochilus sp.: Kase, 1984 [MM15612]
Endiatrachelus sp. cf. *E. parallela*: Kase, 1984 [MM15563-15567]
Eriptycha minima: Kase, 1984 [MM15629-15638]
Eucychus athis: Masutomi and Hamada, 1966 [MM17412]
Euspira sp.: Kase, 1984 [MM15606]
Gastropod genus and species indet.: Hayami, Maeda and Fuller, 1977
[MM17207,17208]
Gigantocapulus giganteus: Hayami and Kanie, 1980 [MM5535,5709-5713]
Globularia ? *neritiformis*: Kase, 1984 [MM15574]
Globularia ? sp. aff. *G.* ? *cureti*: Kase, 1984 [MM15573]
Glauconia kefersteini: Masutomi and Hamada, 1966 [MM17460]
Glauconia neumayri: Shikama, 1964 [MM7906]
Gyrodes munitus: Kase, 1984 [MM15568-15570]
Gyrodes nagaoi: Kase, 1984 [MM15571,15572]
Hanaibursa aquilana: Kase, 1984 [MM15655]
Hanaispira annularis: Kase, 1984 [MM15531-15543]
Homalopoma (s. l.) *iwatense*: Kase, 1984 [MM15484]
Lissochilus hanaii: Kase, 1984 [MM15497]
Melanoides vulgaris minima: Shikama, 1943 [MM7026], Shikama, 1952 [MM7026]
Mesoneritina ? sp.: Kase, 1984 [MM15691]
Michaletia japonica: Kase, 1984 [MM15463]
Natica sp.: Sasai, 1936 [MM7969]
Naticella (?) *infrequens*: Shikama, 1964 [MM5403]

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Mesozoic Gastropoda (continued)

Nerinea rigida: Hanai, Obata and Hayami, 1968 [MM15701]

Neritoma (Neridomus) sp. cf. N. (N.) dolichostoma: Kase, 1984 [MM15493-15496]

Neritopsis (Hayamiella) japonica: Kase, 1984 [MM15492]

Neritopsis (Neritopsis ?) elegans: Hayami and Kase, 1977 [MM3667]

Neritopsis (Neritopsis) mutabilis: Hayami and Kase, 1977 [MM3663]

Neritopsis (Neritopsis) sp.: Kase, 1984 [MM15491]

Neritopsis (Neritopsis) tanohatensis: Kase, 1984 [MM15486-15490]

Neritopsis n. sp.: Hanai, Obata and Hayami, 1968 [MM15486]

Nododelphinula elegans: Masutomi and Hamada, 1966 [MM155751], Hayami and Kase, 1977 [MM15531]

"*Nododelphinula*" *elegans*: Hanai, Obata and Hayami, 1968 [MM15531]

Nododelphinula hiraigensis: Kase, 1984 [MM15526-15530, 15690]

Onkospira haipensis: Kase, 1984 [MM15520-15524]

Onkospira sp.: Kase, 1984 [MM15525]

Otostoma japonicum: Hanai, Obata and Hayami, 1968 [MM15498], Kase, 1984 [MM15498-15508, 15697-15699]

Otostoma sp.: Kase, 1984 [MM15510]

Ozodochilus cossmanni: Kase, 1984 [MM15445]

Paraturbo kumasoana: Hayami and Kase, 1977 [MM7743]

Paraturbo ? zapotillanensis: Masutomi and Hamada, 1966 [MM17457]

Patella (s. l.) miyakoensis: Kase, 1984 [MM15427, 15428]

Perissoptera sp. aff. *P. parkinsoni*: Kase, 1984 [MM15613]

Pictavia toyorana: Hayami and Kase, 1977 [MM3672]

Pila (Turbinicola ?) nipponica: Shikama, 1943 [MM7030], Shikama, 1952 [MM7030]

Planospirina sp.: Hayami, Maeda and Fuller, 1977 [MM17203]

Plesiptygmatis buchi: Masutomi and Hamada, 1966 [MM17464]

Pleurotomaria constricta: Masutomi and Hamada, 1966 [MM17410]

Proconulus hiraigensis: Kase, 1984 [MM15432-15437]

Prototurbo typicus: Kase, 1984 [MM15481-15483]

Pseudomelania elegantula: Masutomi and Hamada, 1966 [MM15662], Hanai, Obata and Hayami, 1968 [MM15662], Kase, 1984 [MM15662-15669]

Purpuroidea moreausia: Masutomi and Hamada, 1966 [MM17411]

Purpuroidea sp.: Kase, 1984 [MM15712, 15713]

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Mesozoic Gastropoda (continued)

- Pyrazus ? scalariformis*: Kase, 1984 [MM15694,15695]
Pyrgulifera nodosa: Kase, 1984 [MM15703-15705]
Scurriopsis (Dietrichiella ?) sp. B: Kase, 1984 [MM15423]
Scurriopsis (Scurriopsis) aptiana: Kase, 1984 [MM15429,15430]
Scurriopsis (Scurriopsis) oshimensis: Kase, 1984 [MM15424-15426]
Scurriopsis (Scurriopsis) sp. cf. S. (S.) aptiana: Kase, 1984 [MM15431]
Semisolarium incrassatum: Kase, 1984 [MM15448-15455,15700]
Shikamacirrus nipponicus: Kase, 1984 [MM15511-15519]
Siragimelania tateiwai tateiwai: Hayami and Kase, 1977 [MM6315]
Solariella sp. cf. *S. cruciana*: Kase, 1984 [MM15485]
Symmetrocapulus hanaii: Kase, 1984 [MM15652-15654]
Thiara (Siragimelania) tateiwai: Shikama, 1964 [MM6330]
Tornatellaea sp. cf. *T. ebrayi*: Kase, 1984 [MM15627,15628]
Torquesia yaegashii: Kase, 1984 [MM15639-15644]
Trajanella fraasi: Kase, 1984 [MM15656-15661]
Trajanella japonica: Hanai, Obata and Hayami, 1968 [MM15657]
Trochopsidea japonica: Kase, 1984 [MM15473-15480]
Trypanotrochus cretaceus: Kase, 1984 [MM15550-15553]
Trypanotrochus rikuchuensis: Kase, 1984 [MM15544-15549]
Turritella ? sp. A: Kase, 1984 [MM15645]
Tylostoma hanaii: Kase, 1984 [15586,15587,15709-15711]
Tylostoma miyakoense: Masutomi and Hamada, 1966 [MM15531], Hanai, Obata and Hayami, 1968 [MM15575], Kase, 1984 [MM15575-15585]
Tylostoma sp.: Kase, 1984 [MM15696]
Viviparus onogoensis: Shikama, 1943 [MM7022], Shikama, 1952 [MM7022]

CENOZOIC GASTROPODA

- Abderospira punctulata*: Shikama, 1964 [CM20763]
Acmaea schrencki: Yokoyama, 1928c [CM25449]
Acteocina (Acteocina) exilis: Shikama, 1964 [CM20736]
Acteocina (Decorifer) longispirata: Shikama, 1952 [CM20740]
Acteocina fontinalis: Otuka, 1937e [CM10810,11089]
Acteopyramis kitayatensis [MS]: Oyuka, 1937e [CM10822,11326]
Acteopyramis lauta: Otuka, 1937e [CM10944,11105]

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Cenozoic Gastropoda (continued)

- Acteopyramis lectissimoides*: Otuka, 1937e [CM11413]
Admete lischkei: Chinzei, 1968a [CM8535], Matsui, 1985a [CM16328-16330]
Adamnestia japonica: Shikama, 1964 [CM20754]
Aethocila nodosa: Masutomi and Hamada, 1966 [CM1o217]
Alvania awa: Shikama, 1964 [CM8513], Chinzei, 1968a [CM8513]
Alvania concinna: Otuka, 1937e [CM11493]
Alvanis sp.: Matsui, 1985a [CM16224,16225]
Ampullina vilconi: Masutomi and Hamada, 1966 [CM17488]
Ancilla albocallosa: Shikama, 1943 [CM21742]
Ancilla hinomotoensis: Otuka, 1937e [CM11378]
Ancilla okawai: Shikama, 1952 [CM21742]
Antillophos (Coraeophos) ninohense: Chinzei, 1968a [CM8532]
Antiplanes contraria: Masutomi and Hamada, 1966 [CM12786], Matsui, 1985a
[CM16334-16338]
Antiplanes (Rectiplanes) sadoensis: Shikama, 1964 [CN8540], Chinzei, 1968a
[CM8540]
Antiplanes (Rectiplanes) sanctioannis: Matsui, 1985a [CM16339-16341]
Argobuccinum oregonensis: Otuka, 1937e [CM11377]
Asperdaphne sp.: Otuka, 1937e [CM11212,11366]
Astraea haematraga: Otuka, 1937e [CM11155]
Astyris varians: Otuka, 1937e [CM11371,11457]
Babella caelatior: Otuka, 1937e [CM11179]
Babylonia elata: Shikama, 1943 [CM21757], Shikama, 1952 [CM21757], Shikama,
1964 [CM21757]
Babylonia japonica: Otuka, 1937e [CM11197,11603]
Balcis yokosukensis: Shikama, 1964 [CM20239]
Baryspira okawai: Shikama, 1964 [CM21741]
Batillaria atukoae: Shikama, 1964 [CM12059]
Batillaria multiformis: Otuka, 1937e [CM10714,10917,10976,10997,11597]
Batillaria yamanarii: Shikama, 1964 [CM12061]
Batillaria zonalis: Otuka, 1937e [CM10918,10998,11028,11038,11058,11456]
Bedeva birileffi: Otuka, 1937e [CM10685,10878,10946,10981,11007,11072,
11107]
Bela sp.: Otuka, 1937e [CM11613]
Bellamya (Sinotaia) mabutii: Shikama, 1964 [CM15162]

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Cenozoic Gastropoda (continued)

- Bittium binodulosum*: Matsui, 1985a [CM16254,16255]
Bittium numamuranum: Otuka, 1937e [CM10979]
Bittium satomii: Otuka, 1937e [CM11165]
Bittium sp.: Otuka, 1937e [CM11379]
Bittium tamanawaensis [MS]: Otuka, 1937e [CM10849,11324]
Boreotrophon xestra: Matsui, 1985a [CM16295-16299]
Brachytoma cosibensis: Otuka, 1937e [CM11362]
Brachytoma jeffreysii: Otuka, 1937e [CM10689,10753,10829,10860,10885]
Brachytoma pseudoprincipalis: Otuka, 1937e [CM10690,10754,10861]
Buccinum cf. rossicum: Matsui, 1985a [CM16300-16306]
Buccinum graciale mörchianum: Makiyama, 1960 [CM26960,26961]
Buccinum sp.: Matsui, 1985a [CM16645-16649]
Calliostoma cipangoana: Otuka, 1937e [CM10710]
Cancellaria conradiana: Masutomi and Hamada, 1966 [CM10070]
Cancellaria hukusimana: Iwasaki, 1970b [CM9389]
Cancellaria noduliformis: Otuka, 1937e [CM10749]
Cancellaria pristina: Shikama, 1943 [CM21745], Shikama, 1952 [CM21745],
Shikama, 1964 [CM21745]
Cancellaria spengleriana: Yokoyama, 1928c [CM25413], Otuka, 1937e [CM10748,
10872,10884,11204,11339]
Cantharidus japonicus: Yokoyama, 1928c [CM25446]
Cellana eucosmia: Otuka, 1937e [CM11386]
Cerithidea cingulata: Otuka, 1937e [CM10996,11027,11036,11057]
Cerithidea katoi [MS]: Otuka, 1937e [CM10995,11056]
Cerithiopsis matumotoi [MS]: Otuka, 1937e [CM11167]
Cerithium (Clava) kochi: Yokoyama, 1928c [CM25425]
Cerithium (Contumax) kobelti: Iwasaki, 1970b [CM9284]
Cerithium coralium: Otuka, 1929, [CM11535], Otuka, 1937e [CM11001,11059]
Cerithium ishianum: Shikama, 1943 [CM22852]
Cerithium kobelti: Yokoyama, 1928c [CM25426]
Cerithium (Proclava ?) kochi: Otuka, 1937e [CM11598]
Chlotostoma argyrostomum: Yokoyama, 1928c [CM25444]
Chlorostoma umbilicatum: Yokoyama, 1928c [CM25443]
Cingula subdharma: Makiyama, 1960 [CM25432]

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Cenozoic Gastropoda (continued)

- Cingulina adamsi*: Otuka, 1937e [CM10723]
Circulus duplicatus: Otuka, 1937e [CM11151]
Clathurella centrosa: Yokoyama, 1928c [CM25412]
Clavatula consimilis: Otuka, 1937e [CM11113]
Clavatula consimilis nivaloides: Otuka, 1937e [CM10751]
Clavatula muraokensis [MS]: Otuka, 1937e [CM10859,11446]
Clavatula (Surcula) sobrina: Shikama, 1943 [CM21734]
Clavus benten: Otuka, 1937e [CM11363]
Clavus braunsi: Otuka, 1937e [CM10750,11364]
Clavus tokunagai [MS]: Otuka, 1937e [CM11365]
Clinopegma borealis: Matsui, 1985a [CM16317-16320]
Columbella (Mitrella) dunkeri: Tokoyama, 1928c [CM25421]
Conus (Pionoconus) nakamurai: Shikama, 1964 [CM4694]
Conus sp.: Otuka, 1937e [CM11361]
Conus tuberculosus: Otuka, 1937e [CM11360]
Coralliophaga coralliophaga: Shikama, 1952 [CM21949]
Crepidula aculeata: Otuka, 1937e [CM10815,10874,11181]
Crepidula matajiroi: Shikama, 1964 [CM22061]
Crepidula symmetrica: Iwasaki, 1970b [CM9294]
Cryptonatica clausa: Matsui, 1985a [CM16258-16288]
Cuma pseudodiadema: Yokoyama, 1928c [CM25419,25420]
Cyclostrema duplicatum: Yokoyama, 1928c [CM25447]
Cylichna andenica: Yokoyama, 1928c [CM25408]
Cylichna incisula: Yokoyama, 1928c [CM25409,25410]
Cylichna musashiensis: Otuka, 1937e [CM11359, Shikama, 1943 [CM20754]
Cylichna shibaensis: Otuka, 1933b [CM11608], Otuka, 1937e [CM11218]
Cylichna yamakawai: Otuka, 1937e [CM10960,11080,11122,11460]
Cymatium lampas sauliae: Otuka, 1937e [CM11330]
Cymatium ozawai [MS]: Otuka, 1937e [CM10734,11328]
Cymatium sp. indet.: Otuka, 1937e [CM11372]
Symmatium subpyrum: Otuka, 1937e [CM10735,11329]
Cytharella makiyamai: Otuka, 1937e [CM11114]
Cytharella sp.: Otuka, 1937e [CM10886]
Decorifer delicatula: Shikama, 1964 [CM20043]

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Cenozoic Gastropoda (continued)

- Decorifer globosus*: Shikama, 1964 [CM20743]
Decorifer longispirata: Shikama, 1964 [CM20740]
Diala hungerfordi: Otuka, 1937e [CM10922,11092,11163]
Diala semistriata: Otuka, 1937e [CM10923,11073,11164,11454]
Diodora elaborata: Otuka, 1937e [CM11146]
Diodora humilis: Shikama, 1964 [CM22487]
Diodora sieboldii: Makiyama, 1960 [CM25448]
Diodora yokoyamai kosibensis: Otuka, 1937e [CM11384], Shikama, 1964 [CM20291]
Ecphora quadricostata: Masutomi and Hamada, 1966 [CM10514]
Elaeocyma (Splendrillia) braunsi: Matsui, 1985a [CM16331,16332]
Emarginula crassicostata: Otuka, 1937e [CM11147]
Emarginula sp.: Otuka, 1937e [CM11385]
Eocylichna musashiensis: Shikama, 1952 [CM20754]
Epitonium (Acutiscala) conjuncta: Shikama, 1964 [CM21014]
Epitonium (Boreoscala) echigonom: Matsui, 1985a [CM16368,16369]
Epitonium (Cinctiscala) kazusensis: Shikama, 1964 [CM21011]
Epitonium (Cinctiscala) yamakawai: Shikama, 1964 [CM21013]
Epitonium densicostata: Otuka, 1937e [CM10717]
Epitonium hosohida [MS]: Otuka, 1937e [CM10925]
Epitonium tatibanensis: Otuka, 1937e [CM10924]
Epitonium tokyoensis: Otuka, 1937e [CM10716]
Epitonium yamakawai: Shikama, 1952 [CM21013]
Erato callosa: Otuka, 1933b [CM11609], Otuka, 1937e [CM10733,11187,11188]
Etrema fortilarata: Otuka, 1937e [CM10760]
Etrema naganumana: Otuka, 1937e [CM10761]
Etrema subauriformis: Otuka, 1937e [CM11115]
Fenella septentrionale: Yokoyama, 1928c [CM25435]
Fissuridea sieboldii: Yokoyama, 1928c [CM25448]
Fulgoraria megaspira: Otuka, 1937e [CM11368]
Fulgoraria (Musashia) striata: Shikama, 1943 [CM22667]
Fulgoraria striata: Shikama, 1964 [CM22667]
Fusinus makiyamai: Otuka, 1937e [CM11370]
Fusinus nipponicus ?: Otuka, 1933b [CM11610]
Fusinus perplexus: Otuka, 1937e [CM11606]

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Cenozoic Gastropoda (continued)

- Fusitriton oregonensis*: Matsui, 1985a [CM16289]
Fusus perplexus: Yokoyama, 1928c [CM25414]
Globularia (Globularia) nakamurai: Shikama, 1964 [CM4693]
Haedropleura tabatensis: Otuka, 1937e [CM11423]
Haliotis discus koyamai: Shikama, 1964 [CM22567]
Haliotis ? sp.: Otuka, 1937e [CM11618]
Haloa japonica: Shikama, 1964 [CM20765]
Heloacus dorsousus: Otuka, 1937e [CM11158]
Hemifusus tuba: Shikama, 1964 [CM23545]
Homalopoma amussitatum: Otuka, 1937e [CM11383, 11411], Matsui, 1985a
[CM16223]
Inquisitor sp.: Otuka, 1933b [CM11611]
Labiostrombus japonicus: Shikama, 1964 [CM20948]
Latiaxis japonica: Otuka, 1937e [CM11333]
Leptothora rubra: Otuka, 1933b [CM11616]
Leucotina (Actaeopyramis) eximia: Otuka, 1937e [CM11599]
Leucotina gigantea: Shikama, 1964 [CM20733]
Liloa incisula: Makiyama, 1960 [CM25409]
Liotis cycloma: Otuka, 1937e [CM11152]
Litiopa simplex: Yokoyama, 1928c [CM25431]
Lora cancellata: Otuka, 1937e [CM11367]
Lora reticostulata: Otuka, 1937e [CM10758]
Lora totodensis: Otuka, 1937e [CM10756]
Lora yabei [MS]: Otuka, 1937e [CM10757]
Lora yokoyamai: Otuka, 1933b [CM11612]
Lunatia pallida: Matsui, 1985a [CM16256]
Macron nippensis: Shikama, 1964 [CM8534]
"Macron" nippensis: Chinzei, 1968a [CM8534]
Mangelia deshayesii: Otuka, 1937e [CM11205]
Mangelia gracilenta: Otuka, 1937e [CM11206, 11207]
Mangelia sp.: Otuka, 1937e [CM11208]
Melanella shibana: Otuka, 1937e [CM10928]
Melanella yokosukensis: Otuka, 1937e [CM11171]
Melongena angasiana: Yokoyama, 1932b [CM26960]

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Cenozoic Gastropoda (continued)

- Melongena onnaica*: Yokoyama, 1932b [CM26961]
Menestho iwatensis: Chinzei, 1968a [CM8555]
Menestho nomurai: Shikama, 1964 [CM8556]
Merelina tokunagai: Otuka, 1937e [CM10974]
Microfusus obesiformis: Otuka, 1937e [CM10857,11335]
Microstelma sp.: Matsui, 1985a [CM16226-16228]
Minolia sakya: Shikama, 1964 [CM25957]
Mitra sp.: Otuka, 1937e [CM11369]
Mitrella barians: Otuka, 1937e [CM11420]
Mohnia cf. *yanamii*: Matsui, 1985a [CM16309-16314]
Molopophorus watanabei: Shikama, 1943 [CM13143], Shikama, 1952 [CM13143],
Shikama, 1964 [CM13143]
Monodonta labio: Yokoyama, 1928c [CM25445]
Mornula rissoina: Otuka, 1937e [CM11172]
Myurella n. sp.: Shikama, 1964 [CM20773]
Nassa (Hima) festiva: Tokoyama, 1928c [CM25416]
Nassa (Hima) japonica: Yokoyama, 1928c [CM25415]
Nassa (Niotha) livescens: Otuka, 1929 [CM11534]
Nassarius caelatus: Yokoyama, 1928c [CM25417], Otuka, 1937e [CM10747,
10827,10856,10883,10952,10984,11112,11201-11203,11338]
Nassarius dominulus: Otuka, 1937e [CM10687,10745,10855,10882,10951,10983,
11199,11421,11479]
Nassarius festiva: Otuka, 1937e [CM10744,10950,10982,11009,11041,11077,
11111,11458,11490]
Nassarius fraterculus: Otuka, 1937e [CM11422]
Nassarius gemmulatus: Otuka, 1937e [CM10746]
Nassarius (Hinia) festivus: Oinomikada and Ikebe, 1937 [CM11604]
Nassarius (Hinia) japonicus: Oinomikado and Ikebe, 1937 [CM11605]
Nassarius japonicus: Otuka, 1937e [CM11110,11198]
Nassarius livescens: Otuka, 1937e [CM10688,10953,11010,11042]
Nassarius tunetoyoensis: Iwasaki, 1970b [CM9381,9382]
Nassarius (Zeuxis) siquijorensis: Matsui, 1985a [CM16321-16323]
Natica colliei: Yokoyama, 1928c [CM25436]
Natica janthostoma: Otuka, 1937e [CM10731,10823,10852,10945,11184-11186,
11327,11381], Shikama, 1943 [CM20218]

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Cenozoic Gastropoda (continued)

- Natica (Neverita) didyma*: Oinomikado and Ikebe, 1937 [CM11600]
Natica sp.: Otuka, 1933b [CM11614]
Natica (Tectonatica) janthostostomoides: Shikama, 1964 [CM20218]
Natica (Tectonatica) russa: Chinzei, 1968a [CM8526]
Neptunea antiqua contraria: Masutomi and Hamada, 1966 [CM17502]
Neptunea hukusimensis: Iwasaki, 1970b [CM9301]
Neptunea intersculpta: Matsui, 1985a [CM16315,16316]
Neptunea otukai: Shikama, 1964 [CM8531], Chinzei, 1968a [CM8531]
Neptunea sp.: Matsui, 1985a [CM16650-16653]
Neverita (Glossaulax) didyma: Matsui, 1985a [CM16257]
Neverita kiritaniana: Shikama, 1964 [CM25918], Iwasaki, 1970b [CM9320]
Obtortio pupoides: Otuka, 1937e [CM10919,10977,11088,11495]
Obtortio reticulata: Otuka, 1937e [CM10680,10715,10920,10978,11089,11162,11496]
Obtortio septentrionalis: Otuka, 1937e [CM11000,11075,11090,11453]
Ocenebra cfr. japonica: Iwasaki, 1970b [CM9358]
Ocinebra contracta: Yokoyama, 1928c [CM25418]
Odostomia aspera ?: Otuka, 1937e [CM10820]
Odostomia desimana: Otuka, 1937e [CM10937,111011]
Odostomia dusiensis: Otuka, 1937e [CM11415]
Odostomia fujitanii var.: Otuka, 1937e [CM10939]
Odostomia limpida: Otuka, 1937e [CM10938,11102,11176,11414]
Odostomia makiyamai: Otuka, 1937e [CM10940,11103]
Odostomia naganumensis [MS]: Otuka, 1937e [CM10727]
Odostomia sitiroi: Otuka, 1937e [CM11060]
Odostomia sp.: Otuka, 1937e [CM10941,11178,11382]
Odostomia sp. a: Otuka, 1929 [CM11541]
Odostomia sublimpida: Otuka, 1937e [CM10682,10725,10819,11177]
Odostomia yokoyamai: Otuka, 1937e [CM10726]
Oenopota kagana: Matsui, 1985a [CM16356,16357]
Ophiodermella pseudopannus: Matsui, 1985a [CM16345-16355]
Paradrillia cf. dainichiensis: Matsui, 1985a [CM16333]
Patelloidea pallida: Otuka, 1937e [CM11387]
Patelloidea pygnaea: Otuka, 1937e [CM11145]

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Cenozoic Gastropoda (continued)

- Phenacolepas pulchellus*: Otuka, 1929 [CM11543]
Philbertia ikebei [MS]: Otuka, 1937e [CM11116]
Philbertia katasensis [MS]: Otuka, 1937e [CM11210]
Philbertia leuckarti: Otuka, 1937e [CM11211, 11500]
Phos (Coraeophos) iwakianum: Shikama, 1964 [CM25880]
Phos iwakianus: Iwasaki, 1970b [CM9362, 9372]
Pleurotpma vertebrata: Yokoyama, 1928c [CM25411]
Pleurotomaria sff. Yabeii: Tokuda and Otuka, 1936 [CM12803]
Plicifusus ozawai: Matsui, 1985a [CM16307, 16308]
Polinices ampla: Yokoyama, 1928c [CM25438]
Polinices didyma: Otuka, 1937e [CM10684, 10730, 10851, 10876, 11005, 11039,
11106, 11183, 11418, 11504]
Polinices flemingianus: Otuka, 1937e [CM10729, 10875]
Polinices pallidus: Yokoyama, 1928c [CM25437]
Potamides (Batillaria) pitenalis: Otuka, 1929 [CM11538]
Potamides fluviatilis: Otuka, 1929 [CM11536]
Potamides multiformis: Otuka, 1929 [CM11537]
Potamides (Tympanotomus) fluviatilis: Yokoyama, 1928c [CM25427]
Proclava kochi: Otuka, 1937e [CM11412]
Propebela candida: Matsui, 1985a [CM16358-16367]
Propebela cf. nakamurai: Chinzei, 1968a [CM8543]
Propebela cf. turricula: Shikama, 1964 [CM8451], Chinzei, 1968a [CM8545]
Pseudoliotia micans: Otuka, 1937e [CM10916]
Pseudoraphitoma naganumensis: Otuka, 1937e [CM11209]
Pupa clathrata: Shikama, 1964 [CM20731]
Purpura alveolata: Yokoyama, 1928c [CM25423]
Purpura (Thais) pseudodiadema: Makiyama, 1960 [CM25419]
Pyramidella pulchella: Otuka, 1937e [CM10718, 10873, 10929, 11094]
Pyramidella pseudopulchella: Otuka, 1937e [CM10818]
Pyramidella (Syrnola) toshimana: Yokoyama, 1928c [CM25440]
Pyrene bella: Otuka, 1937e [CM10737, 11076, 11109]
Pyrene siogamensis: Otuka, 1937e [CM11108]
Pyrene varians: Otuka, 1937e [CM10824, 10881, 10948, 11193-11195, 11334,
11478]

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Cenozoic Gastropoda (continued)

- Pyrgisculus candissimus*: Otuka, 1937e [CM10930]
Pyrgisculus takinogawensis: Otuka, 1937e [CM10720,11173]
Pyrgiscus nihona: Otuka, 1937e [CM10721]
Pyrgulina katasensis [MS]: Otuka, 1937e [CM11180]
Pyrunculus phiala: Otuka, 1937e [CM11119]
Rapana bezoar var. *thomasiana*: Yokoyama, 1928c [CM25422]
Rapana thomasiana: Otuka, 1937e [CM10877,11006,11040,11190]
Reticunassa cf. *spurca*: Matsui, 1985a [CM16324,16325]
Retusa cucurbitina: Otuka, 1937e [CM10959,11121,11491]
Retusa globosa: Otuka, 1937e [CM11492]
Retusa kamikuratensis [MS]: Otuka, 1937e [CM10957]
Retusa minima: Otuka, 1937e [CM10691,10956,10985,11217]
Retusa truncata: Otuka, 1937e [CM10958,11078,11120,11501]
Rhizorus acuminata: Otuka, 1937e [CM11219]
Rhizorus acutaeformis: Shikama, 1964 [CM20752]
Ringicula arctata: Otuka, 1937e [CM11459]
Ringicula doliaris: Otuka, 1937e [CM11214], Shikama, 1964 [CM20766,20767]
Ringicula musashinoensis: Otuka, 1937e [CM10765,10830,10862], Shikama, 1943 [CM20766]
Ringicula oelertiae: Otuka, 1937e [CM11213]
Ringicula (Ringiculina) doliaris: Shikama, 1952 [CM20766]
Ringicula yokoyamai: Otuka, 1937e [CM10831,11118]
Rissoa (Cingula) subharma: Yokoyama, 1928c [CM25432]
Rissoa edogawensis: Otuka, 1929 [CM11539]
Rissoina cancellata: Yokoyama, 1928c [CM25434]
Rissoina laevicostulata: Otuka, 1937e [CM11157]
Rissoina submerculialis: Yokoyama, 1928c [CM25433]
Scalaria yamakawai: Shikama, 1943 [CM21013]
Scaliola bella: Otuka, 1937e [CM10681,10921,11091]
Serratocerithium serratum: Masutomi and Hamada, 1966 [CM17487]
Sigaretus (Eunaticina) papilla: Yokoyama, 1928c [CM25439]
Sinum javanicum: Otuka, 1937e [CM10732]
Sinum yabei: Shikama, 1964 [CM25542], Iwasaki, 1970b [CM9300]
Siphonalia cassidariaeformis: Shikama, 1943 [CM21752], Shikama, 1952 [CM21752], Shikama, 1964 [CM21752]

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Cenozoic Gastropoda (continued)

- Siphonalia cassidariaeformis declivis*: Otuka, 1937e [CM10739,10853]
Siphonalia fuscolineata: Otuka, 1937e [CM10740,10826,10854]
Siphonalia fusoides: Otuka, 1937e [CM11602]
Siphonalia mikado: Otuka, 1937e [CM10825,11336]
Siphonalia modificata: Otuka, 1937e [CM10742]
Siphonalia sirius ?: Otuka, 1937e [CM11220]
Siphonalia spadicea: Otuka, 1937e [CM10741], Iwasaki, 1970b [CM9360]
Siphopatella walshi: Otuka, 1937e [CN11004,11061]
Solidula strigosa: Yokoyama, 1928c [CM25407]
Stomatella lyrata: Otuka, 1937e [CM11052,11148,11409]
Strioturbanilla aurica: Otuka, 1937e [CM10931]
Strioturbanilla mormuloides: Otuka, 1937e [CM11174]
Strioturbanilla pacifica: Otuka, 1937e [CM10722]
Strombiformis kurumana: Otuka, 1937e [CM10926]
Strombiformis ozawai: Otuka, 1937e [CM10927]
Strombus japonicus: Yokoyama, 1928c [CM25424]
Strombus luhanus: Otuka, 1937e [CM10683]
Strombus mimasakensis: Shikama, 1943 [CM25527], Shikama, 1952 [CM25527]
Strombus (?) mimasakensis: Shikama, 1964 [CM25527]
Struthiolaria (Struthiolaria) papulosa: Masutomi and Hamada, 1966 [CM10212]
Suavodrillia oyamai: Shikama, 1964 [CM8537], Chinzei, 1968a [CM8537]
Suavodrillia pseudodeclivus: Otuka, 1937e [CM11341]
Suavodrillia ? sp. A: Matsui, 1985a [CM16342]
Suavodrillia ? sp. B: Matsui, 1985a [CM16343,16344]
Suchium (Suchium) suchiense: Shikama, 1964 [CM21776]
Surcula kamakurana: Otuka, 1937e [CM11340]
Surculites (Megasurcula) cryptoconoides: Iwasaki, 1970b [CM9396]
Syncera paludinoides: Otuka, 1937e [CM10713,10915,10975,11087]
Syrnola bicinctella: Otuka, 1937e [CM11100]
Syrnola brevis: Otuka, 1937e [CM11416]
Syrnola cinctella: Otuka, 1937e [CM10724]
Tectonatica janthostoma var.: Shikama, 1952 [CM20218]
Tectus (Rochia) japonicus: Shikama, 1964 [CM4691]
Tegula pfeifferi: Otuka, 1937e [CM10679]

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Cenozoic Gastropoda (continued)

- Terebra eminula*: Shikama, 1964 [CM22664]
Terebra evoluta: Otuka, 1937e [CM10763]
Terebra juscata: Masutomi and Hamada, 1966 [CM10543]
Terebra lischkeana naganumense [MS]: Otuka, 1937e [CM10764]
Terebra serotina: Otuka, 1937e [CM10762]
Thais bronni: Otuka, 1937e [CM10686,10879,11191]
Thais clavigera: Otuka, 1937e [CM10880,10947,11008,11192]
Theodoxus tokaidoensis: Otuka, 1937e [CM10912,11055]
Thylacodes medusae: Yokoyama, 1928c [CM25429]
Tominina angasiana: Oyama, 1960 [CM26960]
Tominina onnaica: Oyama, 1960 [CM26961]
Tomopleura quantoana: Otuka, 1937e [CM10755]
Tonna luteostoma: Oinomikado and Ikebe, 1937 [CM11601], Otuka, 1937e
[CM11189,11419,11505], Shikama, 1964 [CM20940]
Tornatina dulcis: Otuka, 1929 [CM11533]
Tornatina fontinalis var. ?: Otuka, 1929 [CM11532]
Tornatina longispirata: Shikama, 1943 [CM20740]
Trichotropis unicarinata: Otuka, 1937e [CM10850]
Triforis otsuensis: Yokoyama, 1928c [CM25428]
Triphora granulata: Otuka, 1937e [CM11168]
Triphora purpurata: Otuka, 1937e [CM11169]
Tritonalia adunca: Otuka, 1937e [CM10736]
Tritonalia ? crassa: Otuka, 1937e [CM11332]
Tritonalia emarginata: Otuka, 1937e [CM11331]
Tritonalia falcata ?: Otuka, 1937e [CM11373]
Trabecula bicinctella: Otuka, 1937e [CM10942,10943,11104]
Trophon inermis: Otuka, 1937e [CM11375]
Trophon solitarius: Shikama, 1964 [CM22547]
Trophonopsis kagaensis: Matsui, 1985a [CM16290-16294]
Trophonopsis nipponicus: Otuka, 1937e [CM11374]
Turbo coreensis: Otuka, 1937e [CM10994,11035,11054]
Turbo cornutus: Otuka, 1937e [CM11153,11154]
Turbo (Marmorostoma) coreensis: Yokoyama, 1928c [CM25441]
Turbo (Marmorostoma) granulatus: Yokoyama, 1928c [CM25442]

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Cenozoic Gastropoda (continued)

- Turbonilla aff. subapproximata*: Otuka, 1937e [CM10932]
Turbonilla arayai: Otuka, 1937e [CM11325]
Turbonilla edoensis: Otuka, 1937e [CM10935, 11098]
Turbonilla kamikuratensis [MS]: Otuka, 1937e [CM10934, 11097]
Turbonilla kuratuboensis [MS]: Otuka, 1937e [CM10933, 11096]
Turbonilla inomatai [MS]: Otuka, 1937e [CM11095]
Turbonilla (Ptycheulimella) inscritula: Matsui, 1985a [CM16370-16373]
Turbonilla sp.: Otuka, 1937e [CM11003, 11099, 11417]
Turbonilla t-matumotoi [MS]: Otuka, 1937e [CM11175]
Turridula sobrina: Shikama, 1952 [CM21734]
Turridula (Surcula) sobrina: Shikama, 1964 [CM21734]
Turris leucotropis: Otuka, 1937e [CM10752]
Turritella cf. nipponica: Chinzei, 1968a [CM8521]
Turritella fortilarata nipponica: Otuka, 1937e [CM11380, 11516]
Turritella kiiensis: Shikama, 1943 [CM26890], Shikama, 1952 [CM26890]
Turritella (Neohaustator) nipponica: Matsui, 1985a [CM16252, 16253]
Turritella (Neohaustator) saishuensis: Matsui, 1985a [CM16229-16251]
Turritella perterebra: Shikama, 1943 [CM21766], Shikama, 1952 [CM21766]
Turritella saishuensis: Shikama, 1952 [CM21685]
Turritella (Turritella) perterebra: Shikama, 1964 [CM21766]
Typhis arcuatus: Otuka, 1933b [CM11615]
Typhis pungens: Masutomi and Hamada, 1966 [CM17480]
Uberella yokoyamai: Makiyama, 1960 [CM25437]
Umbonium costatum: Otuka, 1937e [CM10708, 11086, 11149]
Umbonium decoratum: Otuka, 1937e [CM10993, 11034, 11053]
Umbonium giganteum: Otuka, 1929 [CM11542]
Umbonium monilifrum: Otuka, 1937e [CM10711, 11150, 11410, 11450]
Umbonium naganumanum: Otuka, 1937e [CM10712]
Umbonium (Suchium) moniliferum: Oinomikado and Ikebe, 1937 [CM11596]
Umbonium (Suchium) suchiense: Shikama, 1943 [CM21776], Shikama, 1952 [CM21776]
Vermetus ebaranus: Yokoyama, 1928c [CM25430]
Vicaryella ishiana: Shikama, 1952 [CM22852], Shikama, 1964 [CM22852]
Volutomitra alaskana: Matsui, 1985a [CM16326, 16327]
Zafra pumila: Otuka, 1937e [CM10738, 10949, 11196]

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RECENT GASTROPODA

Mohnia cf. *yanamii*: Matsui, 1985a [RM16654,16655]

CENOZOIC SCAPHOPODA

Dentalium hexagonum: Otuka, 1937e [CM10692,10766,10863,10962,11043]

Dentalium octagonum: Yokoyama, 1928c [CM25450]

Dentalium octangulatum: Oinomikado and Ikebe, 1937 [CM11595], Otuka, 1937e [CM10888,11123,11221-11223,11425,11461]

Dentalium rhabdotum: Otuka, 1937e [CM11388]

Dentalium sp.: Otuka, 1937e [CM10832,11124]

Dentalium weinkauffi: Otuka, 1937e [CM10693,10767,10864,11224,11342,11518]

Dentalium yamakawai: Otuka, 1937e [CM11426]

Siphonodentalium sp. A: Matsui, 1985a [CM16386-16388]

Siphonodentalium sp. B: Matsui, 1985a [CM16389,16390]

Striodentalium rhabdotum: Matsui, 1985a [CM16374-16377]

PALEOZOIC BIVALVIA

Actinodontophora katsurensis: Hayami and Kase, 1977 [PM5306]

Cleionychia oviformis: Hayami and Kase, 1977 [PM0553]

Ctenodonta nipponica: Hayami and Kase, 1977 [PM0535]

Goniophora (Cosmogoniophora) orientalis: Hayami and Kase, 1977 [PM0562]

Modiolopsis kogenensis: Hayami and Kase, 1977 [PM0556,0557]

Modiomorpha mytiloides: Masutomi and Hamada, 1966 [PM7305]

Palaeoconcha ? samenoha: Hayami and Kase, 1977 [PM0544]

Paracyclus rugosus: Masutomi and Hamada, 1966 [PM17310]

Pterinopecten (Dunbarella) rectilaterarius: Masutomi and Hamada, 1966 [PM17327]

MESOZOIC BIVALVIA

Acanthotrigonia longiloba: Shikama, 1964 [MM4463,4464]

Acanthotrigonia moriana: Shikama, 1964 [MM4459]

Acanthotrigonia ogawai: Shikama, 1964 [MM4467]

Acanthotrigonia pustulosa: Shikama, 1964 [MM4462], Tamura, 1976b [MM4461]

"*Aequipecten*" *beaveri*: Masutomi and Hamada, 1966 [MM17453]

"*Aequipecten*" *kotsubu*: Tamura, 1975d [MM3048]

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Mesozoic Bivalvia (continued)

- "*Aequipecten*" *toyorensis*: Shikama, 1964 [MM3384], Tamura, 1975c [MM3384]
Antiquilima atacamensis: Hayami, Maeda and Fuller, 1977 [MM17174-17179]
Antiquilima nagatoensis: Tamura, 1975c [MM3418]
Anodontophora cfr. *trapezoidalis*: Tokuyama, 1961 [MM6975]
Anodontophora kochigataniensis: Shikama, 1952 [MM5152], Shikama, 1964 [MM5152]
Apotrigonia crassoradiata: Shikama, 1964 [MM4855]
Apotrigonia jimboi: Shikama, 1964 [MM4857]
Arca fibrosa: Sasai, 1936 [MM7967]
Arctostea carinata: Masutomi and Hamada, 1960 [MM17455]
Astarte (Astarte) subsenecta: Hayami and Oji, 1980 [MM9744-9752, 9786, 9787]
Astarte (Coelastarte) somensis: Shikama, 1964 [MM3316]
Astarte defecta Shikama, 1964 [MM2978]
Astarte higoensis: Shikama, 1964 [MM2985]
Astarte ogawensis: Shikama, 1964 [MM2981], Tamura, 1975d [MM2982]
Astarte sakamotoensis: Shikama, 1964 [MM2977, 3300], Tamura, 1975d [MM2976]
Bakevellia cassianelloides: Shikama, 1964 [MM2670]
Bakevellia otariensis: Shikama, 1964 [MM2661]
Bakevellia (s. l.) cassianelloides: Tamura, 1975b [MM2669]
Bakevellia trigona: Tamura, 1975b [MM2651]
Batissa antiqua: Shikama, 1943 [MM7002]
Batissa (Tetoria) antiqua: Shikama, 1952 [MM7002, 7005]
Batissa yokoyamai: Shikama, 1943 [MM7005]
Burmesia japonica: Shikama, 1964 [MM2936], Tamura, 1975b [MM2936, 2937]
Caestocorbula minima: Hayami and Oji, 1980 [MM9764-9766]
Caestocorbula shikamai: Hayami and Oji, 1980 [MM9753-9763]
"Camptonectes" *oishii*: Shikama, 1964 [MM2705]
Camptonectes (s. s.) *inexpectatus*: Shikama, 1964 [MM2927], Tamura, 1975b [MM2927]
Cardinia misawensis: Shikama, 1964 [MM5400]
Cardinia toriyamai: Tamura, 1975c [MM2918, 2921]
Cardinia triadica: Shikama, 1964 [MM5380]
Cardinioides magnus: Kobayashi, Takai and Hayami, 1963 [MM15937]
Cardium sp.: Sasai, 1936 [MM7968]

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Mesozoic Bivalvia (continued)

- Catella (Trinosucatella) kobayashii*: Tamura, 1975d [MM3025, 3206]
- Ceratostreon matheroni*: Masutomi and Hamada, 1966 [MM17452]
- Chlamys camptonectoides*: Tamura, 1975d [MM3209]
- Chlamys kobayashii*: Shikama, 1964 [MM3124]
- Chlamys kurumensis*: Shikama, 1964 [MM2697]
- Chlamys mojsisovicci*: Shikama, 1952 [MM5187], Shikama, 1964 [MM5187], Tamura, 1975a [MM5187, 5188]
- Chlamys (Radulopecten) nagatakensis*: Shikama, 1964 [MM3047]
- Chlamys textoria*: Shikama, 1964 [MM3381], Tamura, 1975c [MM3381, 3382]
- Corbicula (Batissa) antiqua*: Shikama, 1964 [MM7002]
- Corbicula (Mesocorbicula) tetoriensis*: Shikama, 1952 [MM7008, 7017]
- Corbicula tetoriensis*: Shikama, 1943 [MM7008, 7017]
- Corbicula (Velositina) tetoriensis*: Shikama, 1964 [MM7008]
- Corbula globosa*: Tamura, 1975d [MM3093]
- Corbulomima* sp. cf. *C. nuciformis*: Hayami and Oji, 1980 [MM9767, 9768]
- Costatoria* cf. *myophoria*: Kobayashi and Tamura, 1968 [MM5974-5976]
- Costatoria chegarperahensis*: Kobayashi and Tamura, 1968 [MM5977-5986]
- Costatoria malayensis*: Kobayashi and Tamura, 1968 [MM5971-5973]
- Costatoria pahangensis*: Kobayashi and Tamura, 1968 [MM5969-5970]
- Costatoria quinquicostata*: Kobayashi and Tamura, 1968 [MM5966-5968]
- Costatoria singapurensis*: Kobayashi and Tamura, 1968 [MM5987-5989]
- Costatoria* (?) sp. ex gr. *goldfussi*: Kobayashi and Tamura, 1968 [MM5990]
- Cucullaea* aff. *truncata*: Sasai, 1936 [MM7965]
- "*Cucullaea harpax*": Masutomi and Hamada, 1966 [MM17382, 17383]
- Cucullaea* (s. l.) *mabuchii*: Tamura, 1975b [MM2874, 2876]
- Cyprina* sp.: Sasai, 1936 [MM7977]
- Daonella alta*: Shikama, 1964 [MM3476]
- Daonella burtoni*: Kobayashi, Burton, Tokuyama, and Yin, 1967 [MM4938]
- Daonella* cfr. *indica*: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4923]
- Daonella* cfr. *pectinoides*: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4940]
- Daonella indica*: Kobayashi, 1963b [MM4915, 4916], Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4922]
- Daonella kotoi*: Shikama, 1964 [MM5001]
- Daonella lommeli*: Kobayashi, 1963b [MM4918], Masutomi and Hamada, 1966 [MM17356]

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Mesozoic Bivalvia (continued)

- Daonella multilineata*: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4934, 4935]
- Daonella pahangensis*: Kobayashi, 1963b [MM4519]
- Daonella pectinoides*: Shikama, 1964 [MM3497, 3533]
- Daonella pichleri*: Kobayashi, 1963b [MM4920, 4921]
- Daonella posidoniformis*: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4933]
- Daonella procteri*: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4939]
- Daonella sakawana*: Kobayashi, 1963b [MM4917]
- Daonella* sp. cf. *D. Kotoi*: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4936, 4937]
- Daonella subquadrata*: Shikama, 1964 [MM3517]
- Daonella yoshimurai*: Shikama, 1943 [MM5520], Shikama, 1952 [MM5520], Shikama, 1964 [MM5520]
- Edentula ozawai*: Shikama, 1943 [MM5521], Shikama, 1952 [MM5521]
- Elegantinia* cf. *inflata*: Kobayashi and Tamura, 1968 [MM5991]
- Entolium* cf. *calvum*: Shikama, 1964 [MM3392]
- Entolium inequivale*: Tamura, 1975c [MM3166-3168]
- Entolium kimurai*: Tamura, 1975d [MM3039, 3042]
- Entolium* sp. cf. *E. calvum*: Tamura, 1975c [MM3393, 3394]
- Entolium yatsuiense*: Tamura, 1975d [MM3045]
- Entomonotis iwaiensis*: Shikama, 1964 [MM5370]
- Entomonotis pachypleura*: Shikama, 1952 [MM5272], Shikama, 1964 [MM5272]
- Entomonotis subcycloidea*: Shikama, 1952 [MM4221], Shikama, 1964 [MM4221]
- Entomonotis tenuicostata*: Shikama, 1952 [MM5276], Shikama, 1964 [MM5276]
- Entomonotis zabaikalica*: Shikama, 1952 [MM5255], Shikama, 1964 [MM5255]
- Entomonotis zabaikalica intermedia*: Shikama, 1952 [MM5261], Shikama, 1964 [MM5261]
- Eomiodon kumamotoensis*: Shikama, 1964 [MM3105]
- Eomiodon vulgaris*: Shikama, 1964 [MM2847]
- Eopecten punctus*: Tamura, 1975d [MM3220]
- Eopecten* sp. indet.: Hayami, Maeda and Fuller, 1977 [MM17163]
- Eopinctada matsumotoi*: Tamura and Tashiro, 1976 [MM3704, 3707]
- Exogyra arietina*: Masutomi and Hamada, 1966 [MM17450]
- Filosina jusanhamensis*: Ohta, 1976c [MM3562, 3563, 3565, 3566]
- Frenguelliella tanourensis*: Kobayashi and Tamura, 1968 [MM5992], Tamura, 1975a [MM3080, 3081]

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Mesozoic Bivalvia (continued)

- Geratrígona hosourensis*: Shikama, 1964 [MM2931, 4314], Tamura, 1975e [MM4313]
Geratrígona kurumensis: Tamura, 1975e [MM4388]
Geratrígona lata: Shikama, 1964 [MM4316], Tamura, 1975e [MM4316]
Gervillella sublanceolata: Masutomi and Hamada, 1966 [MM17461]
Gervillia trigona: Shikama, 1943 [MM6918], Shikama, 1952 [MM6918]
Goniomya literata: Masutomi and Hamada, 1966 [MM17395]
Goniomya nonvscripta: Shikama, 1964 [MM3292, 3293]
Grammatodon (Grammatodon) takiensis: Tamura, 1975d [MM3199, 3200]
Grammatodon (Indogrammatodon) densistriata: Shikama, 1964 [MM3202], Tamura, 1975d [MM3202, 3203]
Grammatodon (Nanonavis) yokoyamai: Hayami and Oji, 1980 [MM9731-9742]
Grammatodon sachalinensis: Sasai, 1936 [MM7966, 7972]
Grammatodon toyorensis: Shikama, 1964 [MM3361]
Gruenewaldia decussata: Kobayashi and Tamura, 1968 [MM5996]
Gryphaea arcuata: Masutomi and Hamada, 1966 [MM17385]
Gryphaea dilatata: Masutomi and Hamada, 1966 [MM17386, 17387]
Gryphaea sp. indet.: Hayami, Maeda and Fuller, 1977 [MM17180-17182]
Halobia aotii: Kobayashi, 1963c [MM16217]
Halobia atsuensis: Shikama, 1964 [MM4525]
Halobia cfr. *austriaca*: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4941, 4942]
Halobia cfr. *molukkana*: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4943]
Halobia charlysna: Kobayashi, 1963c [MM16213]
Halobia comata: Kobayashi, 1963c [MM16220]
Halobia indica: Kobayashi, 1963c [MM16221]
Halobia molukkana: Tamura, 1975a [MM5048]
Halobia parallela: Kobayashi, 1963c [MM16218, 16219]
Halobia simaimaiensis: Kobayashi and Masatani, 1968 [MM16272-16274]
Halobia styriaca: Kobayashi and Ishibashi, 1970 [MM5536-5546]
Halobia subquadrata: Kobayashi, 1963c [MM16215, 16216]
Halobia tobensis: Kobayashi and Masatani, 1968 [MM6268-6271]
Halobia talauana: Kobayashi, 1963c [MM16214]
Heterotrígona subovalis: Shikama, 1964 [MM7488]
Hippurites sulcatus: Masutomi and Hamada, 1966 [MM17458]

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Mesozoic Bivalvia (continued)

- Homomya matsuensis*: Shikama, 1964 [MM4596]
Ibotrigonia masatanii: Tamura, 1975e [MM4381, 4382]
Inoceramus balticus: Masutomi and Hamada, 1966 [MM17463]
Inoceramus concentricus costatus: Shikama, 1964 [MM6480]
Inoceramus concentricus var. *costatus*: Shikama, 1943 [MM6480], Shikama, 1952 [MM6480]
Inoceramus hobetsensis: Shikama, 1964 [MM6494]
Inoceramus (Inoceramus) teshioensis: Yanai, 1980 [MM5717-5719]
Inoceramus (Inoceramus) uwajimensis: Yanai, 1980 [MM5720-5727]
Inoceramus (Inoceramus) yabei: Yanai, 1980 [MM5713-5716]
Inoceramus polyplocus: Masutomi and Hamada, 1966 [MM17462]
Inoceramus schmidti: Sasai, 1936 [MM7964]
Inoceramus shikotanensis: Noda and Matsumoto, 1967b [MM6525]
Inoceramus sp.: Sasai, 1936 [MM7979]
Inoceramus uwajimensis: Noda and Matsumoto, 1976a [MM6503]
Inoperna plicatus: Masutomi and Hamada, 1966 [MM17394], Tamura, 1975d [MM3264, 3266]
Isognomon rikuzenicus: Shikama, 1952 [MM7176], Shikama, 1964 [MM2676, 2679], Tamura, 1975b [MM7176]
Isopristes sp.: Hayami, Maeda and Fuller, 1977 [MM7200-7202]
Kobayashites hemicylindricus: Tamura, 1975b [MM3130]
Konbstrea konbo: Chinzei, 1986 [MM17080-17143]
Laevicardium (?) sp. aff. *L.* (?) *ishidoense*: Hayami and Oji, 1980 [MM9769, 9770]
Latitrigonia unicarinata: Tamura, 1975e [MM4379, 4380]
Lima (Antiquilima) nagatoensis: Shikama, 1964 [MM3418]
Lima naumanni: Shikama, 1952 [MM5213], Shikama, 1964 [MM5213], Tamura, 1975a [MM5212]
Lima (Plagiostoma) enoricosta: Shikama, 1964 [MM3228]
Lima (Plagiostoma) kobayashii: Shikama, 1964 [MM3411]
Lima (Plagiostoma) matsumotoi: Shikama, 1964 [MM3415]
Limatula gibbosa: Masutomi and Hamada, 1966 [MM17390]
Linotrigonia toyamai: Shikama, 1964 [MM4375], Tamura, 1975f [MM4375, 4376]
Liostrea (Catinula) shiraiwensis: Shikama, 1964 [MM4575]
Lopha macroptera: Masutomi and Hamada, 1966 [MM17454]

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Mesozoic Bivalvia (continued)

- Lopha marshii*: Masutomi and Hamada, 1966 [MM17388,17391]
Lopha sazanami: Shikama, 1964 [MM3432]
Lopha sp. cf. *L. eruca*: Tamura, 1975d [MM7152]
Lopha sp. cf. *L. marshii*: Tamura, 1975d [MM7150]
Lucina (s. l.) *hasei*: Shikama, 1964 [MM3457], Tamura, 1975c [MM3455,3456]
Lucina sp.: Sasai, 1936 [MM7973]
Mesosaccella (?) *choshiensis*: Hayami and Oji, 1980 [MM9722,9723]
Mesosaccella (?) sp. indet.: Hayami and Oji, 1980 [MM9784,9785]
Minetrigonia hegiensis: Shikama, 1952 [MM5026], Shikama, 1964 [MM5026],
Tamura, 1975a [MM4245,5028]
Minetrigonia katayamai: Shikama, 1964 [MM4582]
Minetrigonia (?) sp.: Kobayashi and Tamura, 1968 [MM5993]
Modiolus bakevelloides: Tamura, 1975b [MM2719]
Modiolus maedae: Tamura, 1975c [MM3145]
Modiolus okubatensis: Tamura, 1975a [MM4589]
Modiolus sp. indet.: Hayami, Maeda and Fuller, 1977 [MM17155,17156]
Monotis ochotica: Kanagawa and Ando, 1983 [MM6926-6935]
Monotis ochotica densistriata: Ando, 1984 [MM15715-15719]
Monotis ochotica ochotica: Ando, 1984 [MM15720-15727,15740]
Monotis scutiformis: Ando, 1984 [MM15710-15714,15739]
Monotis zabaikalica: Ando, 1984 [MM15728-15738]
Myoconcha trapezoidalis: Shikama, 1952 [MM5151], Shikama, 1964 [MM5151]
Myophorella bronni: Masutomi and Hamada, 1966 [MM17216]
Myophorella (*Haidaia*) *crenulata*: Tamura, 1975f [MM4358,4359]
Myophorella (*Haidaia*) *pulex*: Shikama, 1964 [MM2988]
Myophorella (*Haidaia*) *subcircularis*: Shikama, 1964 [MM4363]
Myophorella (*Myophorella*) *clavellata*: Masutomi and Hamada, 1966 [MM17379,
17380]
Myophorella (*Myophorella*) *dekaiboda*: Tamura, 1975f [MM4346]
Myophorella (*Myophorella*) *irregularis*: Masutomi and Hamada, 1966 [MM17378]
Myophorella (*Promyophorella* ?) *hashimotoi*: Shikama, 1964 [MM4369]
Myophorella (*Promyophorella*) *orientalis*: Shikama, 1964 [MM4355], Tamura,
1975f [MM4355]
Myophorella (*Promyophorella*) *sigmoidalis*: Tamura, 1975e [MM4350]
Myophorella (*Promyophorella*) *sugayensis*: Tamura, 1975e [MM4353,4354]

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Mesozoic Bivalvia (continued)

- Myophorella* (s. s.) *dekaiboda*: Shikama, 1964 [MM4347]
Myophoria goldfussi lipisensis: Tokuyama, 1961 [MM6982-6991]
Myophoria (?) *newtoni*: Kobayashi and Tamura, 1968 [MM5964,5965]
Myophoria okuminotaniensis: Shikama, 1952 [MM5231], Shikama, 1964 [MM5231]
Myophoria sp. ex gr. *costata*: Tokuyama, 1961 [MM6984,6992]
Myophorigonia sp. aff. *M. paucicostata*: Hayami, Maeda and Fuller, 1977
[MM17187-17189]
Mytilus (*Falcimytilus*) *heranirus*: Shikama, 1964 [MM2723]
Mytilus (*Falcimytilus*) *nasai hirataides*: Tamura, 1975a [MM5136]
Mytilus (*Falcimytilus*) *nasai nagaides*: Shikama, 1964 [MM5135]
Neithea (*Neithea*) *quinquecostata*: Masutomi and Hamada, 1966 [MM17449]
Neoburmesia iwakiensis: Tamura, 1975d [MM3282]
Neocrassina (*Coelastarte*) *cardiniformis*: Tamura, 1975b [MM2881,2882]
Neocrassina (*Coelastarte*) *somensis*: Tamura, 1975d [MM3314,3316]
Neoschizodus cf. *laevigatus* var. *elargatus*: Kobayashi and Tamura, 1968
[MM5962]
Neoschizodus laevigatus elongatus: Tokuyama, 1961 [MM6976-6981]
Neoschizodus (*leviconcha*) cf. *ovatus* var. *elongatus*: Kobayashi and Tamura,
1968 [MM5963]
Nipponitrigonia convexa: Shikama, 1964 [MM4446]
Nipponitrigonia naumanni: Tamura, 1976a [MM4437,4438]
Nipponitrigonia sagawai: Shikama, 1964 [MM4430], Tamura, 1975e [MM4430,
4434]
Nippononaia carinata: Kobayashi, 1968 [MM4910]
Nippononaia mekongensis: Kobayashi, 1963a [MM4897-4902]
Nippononaia (*Mekongiconcha*) *robusta*: Kobayashi, 1968 [MM4911]
Nippononaia (*Mekongiconcha*) *subquadrata*: Kobayashi, 1968 [MM4912]
Nippononaia ryosekiana: Ohta, 1976a [MM7000]
Nuculana (*Praesaccella*) *erinoensis*: Shikama, 1964 [MM3017]
Nuculopsis (*Palaeonucula*) *ishidoensis*: Hayami and Oji, 1980 [MM9701-9717]
Oistotrigonia prima: Tamura, 1975f [MM4364,4365]
Opis (*Coelopis*) *tanourensis*: Shikama, 1964 [MM3091]
Opis (*Trigonopis*) *torinosuensis*: Tamura, 1975d [MM3087], Shikama, 1964
[MM3317]
Orthotrigonia corrugata: Shikama, 1964 [MM4345], Tamura, 1975e [MM4345]
Orthotrigonia midareta: Tamura, 1975e [MM4344]

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Mesozoic Bivalvia (continued)

- Oxytoma kashiwaiensis*: Shikama, 1952 [MM5116], Shikama, 1964 [MM5116]
Oxytoma (Palmoxytoma) cygnipes: Masutomi and Hamada, 1966 [MM17392]
Oxytoma pulchra: Tamura, 1975a [MM5119]
Oxytoma sp. cf. *O. inequivale*: Tamura, 1975b [MM2950, 2952]
Oxytoma yeharai: Shikama, 1952 [MM5101], Shikama, 1964 [MM5101], Tamura, 1975a [MM5101]
Oxytoma zitteli: Shikama, 1952 [MM5106], Masutomi and Hamada, 1966 [MM5103]
Palaeocardita peruviana: Hayami, Maeda and Fuller, 1977 [MM17191-17196]
Palaeopharus maizurensis: Shikama, 1964 [MM5376]
Palaeopharus (Minepharus) triadicus: Shikama, 1964 [MM4470], Tamura, 1975a [MM4470]
Palaeopharus (Palaeopharus) maizurensis: Tamura, 1975a [MM5301]
Parallelodon (Palaeocuculaea) monobensis: Shikama, 1964 [MM4565]
Paranodonta (?) khoratensis: Kobayashi, 1963a [MM4905, 4906]
Parvamussium habunokawense: Tamura, 1975d [MM3031]
Pecten (Chlamys) courtieri: Kobayashi, 1963c [MM16222]
Pecten fujimotoi: Shikama, 1943 [MM5032], Shikama, 1952 [MM5032]
Pecten suzukii: Shikama, 1943 [MM5029]
Perna rikuzenica: Shikama, 1943
Perugonia lissoni: Kobayashi and Tamura, 1968 [MM5994]
Perugonia (?) sp.: Kobayashi and Tamura, 1968 [MM5995]
Pholadomya glabra: Masutomi and Hamada, 1966 [MM17389]
Pholadomya somensis: Shikama, 1964 [MM3278]
Pinctada (Eopinctada) matsumotoi: Shikama, 1964 [MM3704]
Pinna cf. *mitis*: Shikama, 1964 [MM3273]
Pinna (Pinna) sp. indet.: Hayami and Oji, 1980 [MM9743], Hayami, Maeda and Fuller, 1977 [MM17157-17162]
Plagiostoma enigmatica: Tamura, 1975d [MM3226, 3228]
Plagiostoma matsumotoi: Tamura, 1975c [MM3414, 3415]
Plagiostoma (?) sp. indet.: Tokuyama, 1961 [MM6994]
Plagiostoma toyamanum: Hayami and Akahane, 1981 [MM9700]
Plectomya aritagawana: Hayami and Oji, 1980 [MM9783]
Pleuromya forsbergi nipponica: Shikama, 1952 [MM5159], Shikama, 1964 [MM5159]
Pleuromya hashidatensis: Shikama, 1964 [MM2808]

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Mesozoic Bivalvia (continued)

- Pleuronectites hirabarensis*: Shikama, 1964 [MM6452]
- Pleurophorus oblongatus*: Shikama, 1952 [MM5144], Shikama, 1964 [MM5144]
- Plicatotrigonioides (?) subovalis*: Kobayashi, 1968c [MM4907, 4908]
- Plicatounio (Kwanmonia) triangularis*Ohta, 1976c [MM7931, 7932]
- Plicatounio naktongensis*: Shikama, 1943 [MM7929], Shikama, 1952 [MM7929]
- Plicatounio namphungensis*: Kobayashi, 1968 [MM4913]
- Plicatounio* sp. nov.: Kobayashi, 1963a [MM490]
- Plicatula praenipponica*: Shikama, 1964 [MM3407]
- Plicatula* sp. indet.: Hayami, Maeda and Fuller: 1977 [MM7164]
- Plicatula spinosa*: Masutomi and Hamada, 1966 [MM17384]
- Plicatula subcircularis*: Tamura, 1975c [MM3401, 3402]
- Plicatula tubifera*: Masutomi and Hamada, 1966 [MM17381]
- Plicatula yatsuijensis*: Tamura, 1975d [MM3621]
- Portlandia sanchuensis*: Hayami and Oji, 1980 [MM9718-9721]
- Posidonia* cfr. *cycloidalis*: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4930]
- Posidonia* cfr. *idriana*: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4928, 4929]
- Posidonia* cfr. *japonica*: Kobayashi, 1963c [MM16212]
- Posidonia kedahensis*: Kobayashi, 1963c [MM16205-16211]
- Posidonia* sp.: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4925]
- Posidonia* (?) sp. A: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4931]
- Posidonia* sp. aff. *P. siamensis*: Kobayashi, 1963c [MM16204]
- Posidonia* (?) sp. B: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4932]
- Posidonia tawarensis*: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4926, 4927]
- Praeconia* sp. cf. *P. tetragona*: Tamura, 1975c [MM3444]
- Praeconia tetragona*: Masutomi and Hamada, 1966 [MM17393]
- Prosogyrotrigonia inouyei*: Shikama, 1964 [MM4302], Tamura, 1975e [MM3437, 3438]
- Protocardia morii*: Tamura, 1975b [MM3574]
- Protocardia tosensis*: Tamura, 1975d [MM3330]
- Pteria* (s. l.) *kitakamiensis*: Shikama, 1964 [MM2737]
- Pteria* sp. indet.: Tokuyama, 1961 [MM6993]
- Pteroperna pauciradiata*: Tamura, 1975d [MM3246]

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Mesozoic Bivalvia (continued)

- Pterotrigonia hokkaidoana*: Tamura, 1976a [MM4456]
- Pterotrigonia pocilliformis*: Tamura, 1976a [MM4451]
- Pterotrigonia (Pterotrigonia) pocilliformis*: Hayami and Oji, 1980 [MM9779-9782]
- Pterotrigonia* sp.: Masutomi and Hamada, 1966 [MM17456]
- Pseudasaphis japonicus*: Ohta, 1976b [MM7749]
- Pseudohyria* (?) sp.: Kobayashi, 1968 [MM4909]
- Pseudolimea chongi*: Hayami, Maeda and Fuller, 1977 [MM17165-17173]
- Pseudomonotis subcycloidea*: Shikama, 1943 [MM4221]
- Radulonectites japonicus*: Shikama, 1964 [MM2690], Tamura, 1975b [MM2689, 2690]
- Rasatrix suzukii*: Hayami and Oji, 1980 [MM9771-9778]
- Requienia ammonia*: Masutomi and Hamada, 1966 [MM17451]
- Sakawanella triadica*: Shikama, 1964 [MM5169]
- Scaphotrigonia navis*: Masutomi and Hamada, 1966 [MM17376]
- Scaphotrigonia somensis*: Tamura, 1975e [MM4385-4387]
- Schafhaeutlia americana*: Hayami, Maeda and Fuller, 1977 [MM17190]
- Schafhutlia* sp.: Shikama, 1952 [MM5185]
- Schafhutlia* (?) sp.: Shikama, 1964 [MM5185]
- Septocardia peruviana*: Hayami, Maeda and Fuller, 1977 [MM17197-17199]
- Solemya* sp. indet.: Hayami and Oji, 1980 [MM9725-9730]
- Solemya suprajurensis*: Tamura, 1975c [MM3138]
- Somapecten kamimanensis*: Shikama, 1964 [MM3070], Tamura, 1975d [MM3070, 3073, 3225]
- Somapteria koikensis*: Tamura, 1975d [MM3240, 3243]
- Sphaeriola nipponica*: Shikama, 1964 [MM3451], Tamura, 1975c [MM3450, 3451, 3453]
- Steinmannella (Setotrigonia) shinoharai*: Shikama, 1964 [MM4424]
- Steinmannella (Yeharella) japonica*: Shikama, 1964 [MM4416], Tamura, 1976b [MM4413]
- Steinmannella (Yeharella) kimurai*: Shikama, 1964 [MM4421], Tamura, 1976b [MM4421]
- Tetoria (Tetoria) yokoyamai*: Ohta, 1976c [MM7004]
- Thracia subrhombica*: Shikama, 1964 [MM2812], Tamura, 1975b [MM2812, 2814]
- Tosapecten susukii*: Shikama, 1952 [MM5029]
- Tosapecten suzukii fujimotoi*: Shikama, 1964 [MM5032]

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Mesozoic Bivalvia (continued)

- Tosapecten suzukii okadai*: Tamura, 1975a [MM4562]
Tosapecten suzukii regularis: Shikama, 1964 [MM5029]
Trigonia hegiensis: Shikama, 1943 [MM5026]
Trigonia longiloba: Shikama, 1943 [MM7489], Shikama, 1952 [MM7489]
Trigonia reticulata: Masutomi and Hamada, 1966 [MM17377]
Trigonia senex: Tamura, 1975e [MM4305]
Trigonia subovalis var. *minor*: Sasai, 1936 [MM7975]
Trigonia sumiyagura: Shikama, 1964 [MM2962], Masutomi and Hamada, 1966 [MM4301], Tamura, 1975e [MM2962]
Trigonia v-costata: Shikama, 1943 [MM6909], Shikama, 1952 [MM6909]
Trigonia yeharai: Shikama, 1943 [MM5028], Shikama, 1952 [MM5028]
Trigonoides kodairai: Shikama, 1943 [MM4226], Shikama, 1952 [MM4226]
Trigonoides paucisulcatus: Shikama, 1964 [MM6388]
Trigonoides sp. nov.: Kobayashi, 1963a [MM4903]
Trigonula sakawana: Shikama, 1952 [MM5243], Shikama, 1964 [MM5243]
Unio ogamigoensis: Shikama, 1943 [MM7001], Shikama, 1964 [MM7001]
"Unio" *ogamigoensis*: Shikama, 1952 [MM7001]
"Unio" *sampanoides*: Kobayashi, 1968 [MM4914]
Unionites kochigataniensis: Tamura, 1975a [MM5153]
Unionites sp. indet.: Hayami, Maeda and Fuller, 1977 [MM17183-17186]
Vaugonia (Hijitrigonia) geniculata: Tamura, 1975e [MM4339, 4341]
Vaugonia (Hijitrigonia) kojiwa: Tamura, 1975e [MM4342]
Vaugonia kodajimensis: Tamura, 1975e [MM4328]
Vaugonia namigashira: Tamura, 1975e [MM4332]
Vaugonia niranohamensis: Shikama, 1964 [MM4323]
"Velata" cf. *sumeriensis*: Shikama, 1952 [MM5210], Shikama, 1964 [MM5210]
"Velata" *infrequens*: Shikama, 1952 [MM5208], Shikama, 1964 [MM5208]
Volsella bakevelloides: Shikama, 1964 [MM2719]
Volsella bipartitus: Shikama, 1964 [MM3261]
Volsella paronaiformis: Shikama, 1964 [MM5133]
Waagenoperna ozawai: Shikama, 1964 [MM5521]
Waagenoperna triangularis: Shikama, 1964 [MM4492]
Yokoyamaina elliptica: Shikama, 1964 [MM2865]

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CENOZOIC BIVALVIA

- Acila (Acila) divaricata*: Shikama, 1964 [CM23060], Matsui, 1985b [CM16394]
Acila divaricata: Otuka, 1937e [CM10814,10833,10865], Shikama, 1952 [CM23060]
Acila (Truncacila) nakazimai: Matsui, 1985b [CM16396]
Acila (Truncacila) sp.: Matsui, 1985b [CM16409]
Acharax tokunagai: Matsui, 1985b [CM16466,16640]
Aloides (Cuneocorbula) peregrina: Shikama, 1964 [CM24638]
Aloides succincta: Shikama, 1964 [CM24649,24650]
Aloides venustus: Otuka, 1937e [CM10804,10908,11071,11314,11315,11389]
Amussiopecten praesignis: Shikama, 1943 [CM23491], Shikama, 1952 [CM23491], Shikama, 1964 [CM23491]
Anadara amicula: Matsui, 1985b [CM16467-16474]
Anadara (Anadara) tatunokutiensis nagawensis: Chinzei, 1968b [CM8633]
Anadara (Diluvarca) amicula: Shikama, 1952 [CM22639], Shikama, 1964 [CM22639]
Anadara granosa: Oinomikado and Ikebe, 1937 [CM11572], Otuka, 1937e [CM10771,10986,11011,11062,11081]
Anadara inflata: Otuka, 1937e [CM10837,10867,10963,11344,11427,11482,11507]
Anadara (Scapharca) satowi castellata: Shikama, 1964 [CM21796]
Anadara (Scapharca) subcrenata: Oinomikado and Ikebe, 1937 [CM11573]
Anadara (Scapharca) valentula: Shikama, 1964 [CM24669]
Anadara subcrenata: Otuka, 1937e [CM10759,10964,11045,11063,11082,11125,11345]
Anadara tanakuraensis: Iwasaki, 1970b [CM9419]
Anadara (Tegillarca) granosa: Shikama, 1952 [CM21591]
Anadara (Tegillarca) granosa bisenensis: Shikama, 1964 [CM21591]
Anodontia subjuncta yokoyamai: Shikama, 1964 [CM26273]
Anomalocardia squamosa: Otuka, 1937e [CM11019,11048,11067]
Anomia lischkei: Yokoyama, 1928c [CM25489], Otuka, 1929 [CM11556], Otuka, 1937e [CM10775,10841,11065,11127,11248,11351,11397,11429,11502]
Anomia sp.: Otuka, 1933b [CM11626]
Arca (Barbatia) stearnsii: Yokoyama, 1928c [CM25498]
Arca (Barbatia) symmetrica: Yokoyama, 1928c [CM25499]
Arca boucardi: Otuka, 1937e [CM10836,11229,11230,11403,11506]
Arca decurvata: Yokoyama, 1928c [CM25500]

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Cenozoic Bivalvia (continued)

- Arca granosa*: Shikama, 1943 [CM21591]
Arca kobeltiana: Yokoyama, 1928c [CM25497]
Arca ocellata: Otuka, 1937e [CM10889,11226-11228]
Arca rustica: Masutomi and Hamada, 1966 [CM10015]
Arca (Scapharca) amicula: Shikama, 1943 [CM22639]
Arca sp. a: Otuka, 1929 [CM11562]
Arca sp. b: Otuka, 1929 [CM11563]
Arca subcrenata: Otuka, 1929 [CM11560,11561]
Arcopagia (Quadrans) spinosa: Makiyama, 1960 [CM25461,25462]
Astarte hakodatensis: Otuka, 1937e [CM11393], Shikama, 1943 [CM20486],
Shikama, 1952 [CM20486], Shikama, 1964 [CM20486]
Axinopsis subquadrata: Matsui, 1985b [CM16530-16534]
Azorinus abbreviatus: Makiyama, 1960 [CM25458]
Barbatia obtusoides: Otuka, 1937e [CM10809,10890,11044,11232], Makiyama,
1960 [CM25500]
Barbatia reticulata: Otuka, 1937e [CM11231]
Barbatia symmetrica: Otuka, 1937e [CM10891,11233,11234,11404]
Barbatia yokoyamai: Otuka, 1937e [CM10770,10866,10892,11235,11236]
Barnea fragilis: Otuka, 1937e [CM11143]
Barnea japonica: Otuka, 1937e [CM10807]
Basterotia gouldi: Otuka, 1937e [CM11261]
Batissa mirabilis: Shikama, 1952 [CM15223]
Brachidontes senhausii: Otuka, 1937e [CM11126]
Callista sinensis: Otuka, 1937e [CM10787]
Calypogena nipponica longissima: Shikama, 1964 [CM22645]
Cardita crassicosta: Yokoyama, 1928c [CM25485,25486]
Cardita cumingiana: Otuka, 1937e [CM10776,11015,11066,11258,11259,11260]
Cardita leana: Makiyama, 1960 [CM25485,25486]
Cardita panda: Shikama, 1943 [CM23479], Shikama, 1952 [CM23479]
Cardium braunsi: Shikama, 1943 [CM21398], Shikama, 1952 [CM21398]
Cardium ebaranum: Otuka, 1937e [CM10898,11266]
Cardium muticum: Yokoyama, 1928c [CM25477], Otuka, 1937e [CM10697,11132,
11267,11268,11354,11465,11511]
Cardium sp. a: Otuka, 1929 [CM11553]
Chama semipurpurata: Yokoyama, 1928c [CM25484], Otuka, 1937e [CM11390]

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Cenozoic Bivalvia (continued)

- Chama substriata*: Masutomi and Hamada, 1966 [CM17484]
Chione crenifera: Yokoyama, 1928c [CM25472]
Chlamys cosibensis: Shikama, 1943 [CM20556], Shikama, 1952 [CM20556]
Chlamys crassivenia: Makiyama, 1960 [CM25520]
Chlamys hastata ingeniosa: Makiyama, 1960 [CM25519]
Chlamys islandica: Matsui, 1985b [CM16504]
Chlamys kakisakiensis: Tokuda and Otuka, 1936 [CM12801]
Chlamys kaneharai: Shikama, 1943 [CM22819], Shikama, 1952 [CM22819], Iwasaki, 1970c [CM9226]
Chlamys miurensis: Shikama, 1943 [CM20562], Shikama, 1952 [CM20562]
Chlamys nipponensis: Otuka, 1937e [CM10839, 10869, 10893, 11064, 11240, 11241, 11242, 11348]
Chlamys notoensis: Makiyama, 1960 [CM25506-25513]
Chlamys protomollita: Makiyama, 1960 [CM25521, 25522]
Chlamys sp. (irregularis ?): Otuka, 1933b [CM11625]
Chlamys (s. s.) miurensis: Shikama, 1964 [CM20562]
Circe divaricata: Yokoyama, 1928c [CM25474]
Circe scripta: Yokoyama, 1928c [CM25473]
Circe stutzeri: Makiyama, 1960 [CM25473]
Clausinella tiara: Otuka, 1937e [CM10702, 10790]
Clementia (Compsomyax) iizukai: Shikama, 1964 [CM22241]
Clementia vatheleti: Otuka, 1937e [CM10845, 11355]
Clinocardium braunsi: Otuka, 1937e [CM10783, 10968, 11510]
Clinocardium bulowi: Otuka, 1937e [CM10784, 11265]
Clinocardium chikagawaense: Matsui, 1985b [CM16560-16574]
Clinocardium fastosum: Matsui, 1985b [CM16575, 16576]
Clinocardium shinjiense: Shikama, 1964 [CM24580]
Codakia bella var. *delicatula*: Yokoyama, 1928c [CM25481]
Codakia (Pillucina) contraria: Oinomikado and Ikebe, 1937 [CM11582]
Codakia pisidium: Otuka, 1937e [CM10781, 10965, 10988, 11129, 11433, 11462]
Codakia selicatula: Otuka, 1937e [CM11263]
Codakia yamakawai: Otuka, 1937e [CM10780]
Conchocele disjuncta = *nipponica*: Shikama, 1964 [CM26933]
Congerina subglobosa: Masutomi and Hamada, 1966 [CM17485]

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Cenozoic Bivalvia (continued)

- Coralliophaga coralliophaga*: Yokoyama, 1928c [CM25488], Shikama, 1943 [CM21949], Shikama, 1964 [CM21949], Masutomi and Hamada, 1966 [CM17485]
- Corbicula (Batissa) sitakaraensis*: Shikama, 1964 [CM15249]
- Corbicula (Cyrenobatissa) mirabilis*: Shikama, 1964 [CM15223]
- Corbicula hizenensis*: Shikama, 1952 [CM15235]
- Corbicula matusitai*: Shikama, 1952 [CM15242]
- Corbicula (s. s.) hizenensis*: Shikama, 1964 [CM15235]
- Corbicula (s. s.) matusitai*: Shikama, 1964 [CM15242]
- Crassatella (Crassatina) oblongata*: Shikama, 1964 [CM20497]
- Crassatella (Eucrassatella) nippensis*: Shikama, 1964 [CM20009]
- Crassatellites marlandicus*: Masutomi and Hamada, 1966 [CM10528]
- Crassatellites oblongata*: Otuka, 1937e [CM11394]
- Crenella diaphana*: Otuka, 1937e [CM10868]
- Crenulilimopsis oblonga*: Matsui, 1985b [CM16483-16486]
- Cryptomya busoensis*: Otuka, 1937e [CM10707,10805,11316,11445], Shikama, 1964 [CM21187]
- Cryptopecten bullatus*: Hayami, 1984 [CM16001]
- Cryptopecten nux nux*: Hayami, 1984 [CM16010-16015,16029]
- Cryptopecten nux sematensis*: Hayami, 1984 [CM16180,21561,21562]
- Cryptopecten spinosus*: Hayami, 1984 [CM16170]
- Cryptopecten vesiculosus makiyamai*: Hayami, 1984 [CM16033,16034]
- Cryptopecten vesiculosus vesiculosus*: Hayami, 1984 [CM16025-16028,16030-16032,16035-16057,16059,16079,16138,16187-16190,20549-20552,21557,22310]
- Cryptopecten yanagawaensis*: Hayami, 1984 [CM16171]
- Cultellus izumoensis*: Shikama, 1943 [CM22210]
- Cuspidaria (Cardiomya) gouldiana septentrionalis*: Shikama, 1964 [CM24096]
- Cuspidaria (Plectodon) ligula*: Shikama, 1964 [CM21479]
- Cyclina chinensis*: Otuka, 1929 [CM11551], Otuka, 1937e [CM11017]
- Cyclocardia aomoriensis*: Matsui, 1985b [CM16542-16544]
- Cyclocardia ferruginea*: Matsui, 1985b [CM16545-16548]
- Cyclocardia* sp.: Matsui, 1985b [CM16549-16551]
- Dinocardium braunsi*: Shikama, 1964 [CM21398]
- Diplodonta japonica*: Yokoyama, 1928c [CM25479]
- Diplodonta semiaspera*: Yokoyama, 1928c [CM25480]
- Diplodonta usta*: Oinomikado and Ikebe, 1937 [CM11581], Shikama, 1952 [CM20439]

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Cenozoic Bivalvia (continued)

- Diplodonta usta* = *Mysia (Frlania) usta*: Shikama, 1943 [CM20439]
Dosinia acetabulum: Masutomi and Hamada, 1966 [CM10526]
Dosinia angulosa: Otuka, 1937e [CM10900,11281,11282,11436,11489]
Dosinia (Dosinisca) pubescens: Otuka, 1929 [CM11550]
Dosinia japonica: Otuka, 1937e [CM10700,10969,11018,11133,11435]
Dosinia kaneharai: Iwasaki, 1970c [CM8905]
Dosinia (Kaneharaia) kaneharai: Shikama, 1964 [CM22797]
Dosinia (Phacosoma) chikuzenensis nomurai: Shikama, 1964 [CM13062]
Dosinia (Phacosoma) hataii: Iwasaki, 1970c [CM8947]
Dosinia (Phacosoma) japonica: Oinomikado and Ikebe, 1937 [CM11585], Matsui, 1985b [CM16611]
Dosinia troscheli: Yokoyama, 1928c [CM25468]
Felaniella usta: Otuka, 1937e [CM10897], Shikama, 1964 [CM21419], Iwasaki, 1970c [CM9236], Matsui, 1985b [CM16535-16540]
Fortipecten kenyoshiensis: Shikama, 1964 [CM8594]
Fortipecten takahashii: Shikama, 1964 [CM25726]
Fulvia mutica: Matsui, 1985b [CM16577,16578]
Gafrarium divaricatum: Makiyama, 1960 [CM25474]
Gafrarium yokoyamai n. n.: Otuka, 1937e [CM10698,10785]
Gastrana yantaiensis: Otuka, 1937e [CM11306-11308]
Glycymeris cisshuensis: Iwasaki, 1970b [CM8851]
Glycymeris derelicta: Chinzei, 1968a [CM8558], Matsui, 1985b [CM16487-16496]
Glycymeris nipponicus: Otuka, 1937e [CM11520]
Glycymeris pilsbryi: Otuka, 1933b [CM11620]
Glycymeris ap.: Tokuda and Otuka, 1936 [CM12800]
Glycymeris vestita: Oinomikado and Ikebe, 1937 [CM11574]
Glycymeris yessoensis: Oinomikado and Ikebe, 1937 [CM11575], Otuka, 1937e [CM10791], Shikama, 1943 [CM21622], Shikama, 1952 [CM21622], Shikama, 1964 [CM21622], Matsui, 1985b [CM16501,16502]
Gomphina aff. neastartoides: Otuka, 1937e [CM10791]
Gomphina cfr. aequilatera: Tokuda and Otuka, 1936 [CM12802]
Gomphina melanaegis: Oinomikado and Ikebe, 1937 [CM11586]
Gourmya kobelti: Otuka, 1937e [CM10910,11093,11166,11449]
Hiatella arctata: Otuka, 1937e [CM10848]

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Cenozoic Bivalvia (continued)

- Hyalopecten tairanus*: Makiyama, 1960 [CM27017]
Joannisiella cumingii: Otuka, 1937e [CM10778, 10843, 11431]
Joannisiella lunaris: Otuka, 1937e [CM11432]
Kellia katasensis [MS]: Otuka, 1937e [CM11264]
Kellia naganumensis [MS]: Otuka, 1937e [CM10782]
Kellia notoensis: Yokoyama, 1928c [CM25478], Makiyama, 1960 [CM25478]
Kellia ojiana: Otuka, 1937e [CM10966, 11130, 11464]
Laevicardium shiobarensis: Iwasaki, 1970c [CM8962]
Laevicardium taracaicum: Shikama, 1964 [CM25699]
Lamprotula antigua: Masutomi and Hamada, 1966 [CM13159]
Lanceolaria pisciformis: Shikama, 1964 [CM15170]
Laternula japonica: Otuka, 1937e [CM11144]
Leda confusa: Shikama, 1943 [CM21650]
Lima (Acesta) amaxensis: Shikama, 1964 [CM20031]
Lima angulata: Yokoyama, 1928c [CM25490]
Lima basilanica: Otuka, 1937e [CM10895, 11350]
Lima goliath: Otuka, 1937e [CM11400]
Lima (Limaria) basilanica: Oinomikado and Ikebe, 1937 [CM11577]
Lima lischkei: Otuka, 1937e [CM11246]
Lima quantoensis: Otuka, 1933b [CM11623], Otuka, 1937e [CM11247]
Lima subauriculata: Otuka, 1933b [CM11624]
Limopsis adamsiana: Otuka, 1933b [CM11622], Otuka, 1937e [CM11521]
Limopsis crenata: Otuka, 1937e [CM11407]
Limopsis (Limopsis) tokaiensis: Shikama, 1964 [CM20654]
Limopsis (Pectunculina) crenata: Shikama, 1964 [CM20666]
Limopsis sp. A: Matsui, 1985b [CM16479, 16480]
Limopsis sp. B: Matsui, 1985b [CM16481, 16482]
Limopsis tokaiensis: Otuka, 1933b [CM11621], Otuka, 1937e [CM11406],
Shikama, 1943 [CM20654], Shikama, 1952 [CM20654], Matsui, 1985b [CM16475–
16478]
Loripes ictericus: Otuka, 1937e [CM10779]
Loripes philippiana: Yokoyama, 1928c [CM25465]
Lucina acutilineata: Otuka, 1937e [CM11353]
Lucina contraria: Yokoyama, 1928c [CM25482]

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Cenozoic Rivalvia (continued)

Lucina (Myrtea) acutilineata: Shikama, 1943 [CM22276], Shikama, 1952 [CM22276]

Lucina pisidium: Yokoyama, 1928c [CM25483], Otuka, 1929 [CM11553]

Lucina sp.: Otuka, 1937e [CM11509]

Lucinoma acutilineata: Matsui, 1985b [CM16511-16518]

Lucinoma annulata: Shikama, 1964 [CM21276], Iwasaki, 1970c [CM9154]

Lucinoma cf. *hannibali*: Kosaka, 1981 [CM7247-7249]

Macoma awajiiensis: Otuka, 1937e [CM10972]

Macoma bicarinata: Chinzei, 1968b [CM8576], Matsui, 1985b [CM16579-16602]

Macoma hiszemilis: Otuka, 1929 [CM11547]

Macoma lacunosa: Otuka, 1937e [CM10990, 11026, 11031, 11031, 11309], Iwasaki, 1970c [CM92651]

Macoma elongata: Yokoyama, 1928c [CM2546?]

Macoma nipponica: Otuka, 1937e [CM11138]

Macoma optiva: Shikama, 1952 [CM23030], Shikama, 1964 [CM23030?]

Macoma praetexta: Yokoyama, 1928c [CM25464]

Macoma sp.: Otuka, 1937e [CM10991, 11513]

Macoma (s. s.) *praetexta* *cinomikadoi*: Shikama, 1964 [CM12154]

Macoma (s. s.) *tokoensis*: Shikama, 1964 [CM36918]

Macoma (*macromia*): Otuka, 1937e [CM11441], Matsui, 1985b [CM16603-16610]

Mactra ovifera: Yokoyama, 1928c [CM25455]

Mastrus (Spisula) sachalinensis: Oinomikado and Ikebe, 1937 [CM11588]

Mastrus (s. s.) *sulcatoria*: Shikama, 1964 [CM21192]

Mastrus (*cucataria*): Oinomikado and Ikebe, 1937 [CM11589], Otuka, 1937e [CM11299, 11300, 11439, 11451], Shikama, 1943 [CM21192], Shikama, 1952 [CM21192]

Mactra venetiformis: Otuka, 1937e [CM11084]

Margaritifera perdahurica: Shikama, 1964 [CM26277]

Martesia pulchella: Shikama, 1964 [CM26095]

Martesia striata var. ?: Otuka, 1929 [CM11545]

Martesia striata var. *tokoensis*: Yokoyama, 1928c [CM25452]

Mercenaria chitaniana: Iwasaki, 1970c [CM8883]

Mercenaria stimpsoni: Chinzei, 1968b [CM8700], Matsui, 1985b [CM16612, 16613]

Meretrix meretrix: Otuka, 1929 [CM11552], Otuka, 1937e [CM10788, 11016, 11083, 11279, 11280]

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Cenozoic Bivalvia (continued)

- Meretrix tigrina*: Yokoyama, 1928c [CM25469,]5470]
- Miodontiscus nakamurai*: Matsui, 1985b [CM16552]
- Mizuhopecten poculum*: Matsui, 1985b [CM16508-16510]
- Montacuta oblongata*: Otuka, 1937e [CM10696]
- Montacuta subtruncata*: Otuka, 1937e [CM10967]
- Mya arenaria*: Yokoyama, 1928c [CM25454]
- Mya (Arenomya) japonica*: Shikama, 1943 [CM23024], Shikama, 1952 [CM23024],
Shikama, 1964 [CM23024]
- Mya (japonica) tschitschka*, 1937e [CM10806,11317]
- Mya (Mya) circumfornis*: Matsui, 1985b [CM16617-16629]
- Mya (s. s.) brewingii*: Shikama, 1964 [CM22069]
- Myadora fluminensis*: Otuka, 1937e [CM11629]
- Myadora ikabei*: Shikama, 1964 [CM21493]
- Myadora japonica*: Matsui, 1985b [CM16634,16635]
- Myadora quadrangularis*: Otuka, 1937e [CM11395]
- Myadora guadalcanalensis*: Matsui, 1985b [CM10808]
- Nucella columbiata*: Otuka, 1937e [CM11131,11466]
- Nucella tangeriana*: Misatomi and Hamada, 1966 [CM10018]
- Nucella chilensis*: Chizei, 1968a [CM8566]
- Nucula (Nucula) minchijin*: Shikama, 1943 [CM23060]
- Nucula (Nucula) japonica*: Matsui, 1985b [CM16391]
- Nucula tephrycosis*: Otuka, 1937e [CM10768]
- Nuculanæ (Robaia) tephrycosis*: Otuka, 1937e [CM10769,10834,11225,11343]
- Nuculanæ (Robaia) sadoensis*: Matsui, 1985b [CM16415,16417]
- Nuculanæ (Robaia) yokoyamai*: Matsui, 1985b [CM16419-16424]
- Osttorio perpupoidea*: Otuka, 1937e [CM11452]
- Ostrea denselamellosa*: Yokoyama, 1928c [CM25496], Otuka, 1937e [CM11044]
- Ostrea futamiensis*: Otuka, 1937e [CM11047,11447]
- Ostrea gigas*: Yokoyama, 1928c [CM25495], Otuka, 1929 [CM11558,11559],
Oinomikado and Ikebe, 1937 [CM11578], Otuka, 1937e [CM10842,10896,10987,
11013,11029,11046,11128,11249-11253,11352,11430,11486]
- Ostrea gravitesta*: Shikama, 1943 [CM23591], Shikama, 1952 [CM23591],
Shikama, 1964 [CM23591]

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Cenozoic Bivalvia (continued)

- Ostrea musashiana*: Otuka, 1937e [CM11402]
Ostrea rosacea: Otuka, 1937e [CM11235,11255,11256]
Palliolum (Delectopecten) peckhami: Oyama, 1960 [CM27017], Matsui, 1985b
[CM16505-16507]
Pandora bicarinata: Otuka, 1937e [CM11319]
Pandora (Kennerlia) pulchella: Shikama, 1964 [CM23577]
Pandora (Pandorella) wardiana: Matsui, 1985b [CM16630-16633]
Panope generosa: Yokoyama, 1928c [CM25453], Shikama, 1943 [CM22190],
Shikama, 1952 [CM22190]
Panope japonica: Oinomikado and Ikebe, 1937 [CM11594], Otuka, 1937e
[CM10803,11444]
Paphia amanilis: Otuka, 1937e [CM11438]
Paphia euglypta: Otuka, 1937e [CM11293,11512]
Paphia greefei: Otuka, 1937e [CM11294,11295]
Paphia naganumana: Otuka, 1937e [CM10703,10795]
Paphia sp.: Otuka, 1937e [CM11297,11298]
Paphia undulata: Otuka, 1937e [CM10903,10970,11135,11296]
Papyridaea (Fulvia) kurodai: Shikama, 1964 [CM23214]
Papyridaea harrimani: Shikama, 1964 [CM22090]
Patinopecten paraplebejus: Iwasaki, 1970c [CM9178]
Patinopecten tokyoensis: Shikama, 1943 [CM20568], Shikama, 1952 [CM20568],
Shikama, 1964 [CM20568]
Pecten (Chlamys) crassivebius: Yokoyama, 1929c [CM25520]
Pecten (Chlamys) hastatus var. *ingeniosa*: Yokoyama, 1929c [CM25519]
Pecten (Chlamys) laetus: Yokoyama, 1928c [CM25492]
Pecten (Fortipecten) kenyoshiensis: Chinzei, 1968b [CM8594]
Pecten (Fortipecten) takahashii: Shikama, 1952 [CM25726]
Pecten kagamianus: Makiyama, 1960 [CM24680,24693,25504,25505]
Pecten laqueatus: Oinomikado and Ikebe, 1937 [CM11576], Otuka, 1937e
[CM11243,11428,11508]
Pecten (Lyropecten) madisonius: Masutomi and Hamada, 1966 [CM10530]
Pecten naganumana: Otuka, 1937e [CM10694,10773], Shikama, 1943 [CM20586]
Pecten notoensis: Yokoyama, 1929c [CM25506-25518]
Pecten (Notovola) naganumana: Shikama, 1952 [CM20586], Shikama, 1964
[CM20586]
Pecten (Patinopecten ?) kagamianus: Yokoyama, 1929c [CM24680,24683,25504,
25505]

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Cenozoic Bivalvia (continued)

- Pecten (Pseudamusium) peckhami*: Yokoyama, 1932b [CM27017m27018]
Pecten sp.: Yokoyama, 1929c [CM25521, 25522]
Pecten takahashii: Shikama, 1943 [CM25726]
Pecten tokyoensis: Otuka, 1937e [CM10774, 10840, 10870, 11012, 11349]
Pecten (Vola) laqueatus: Yokoyama, 1928c [CM25493]
Pecten (Vola) sinensis: Yokoyama, 1928c [CM25494]
Pecten yessoensis: Otuka, 1937e [CM11401]
Periploma (Aelga) besshoensis: Shikama, 1964 [CM22074]
Periploma besshoensis: Shikama, 1943 [CM22074], Shikama, 1952 [CM22074]
Periploma cf. besshoensis: Matsui, 1985b [CM16637, 16638]
Periploma plane: Matsui, 1985b [CM16636]
Peronidia protovenulosa: Chinzei, 1968b [CM8745]
Peronidia venulosa: Shikama, 1964 [CM21275, 21276]
Petricola cyclus: Otuka, 1937e [CM11289, 11290]
Petricola divergens: Otuka, 1937e [CM10794, 11291, 11292]
Petricola japonica: Yokoyama, 1928c [CM25466, 25467], Makiyama, 1960
[CM25466, 25467]
Phaxas izumoensis: Shikama, 1952 [CM22210], Shikama, 1964 [CM22210]
Pholas fragilis: Yokoyama, 1928c [CM25451], Otuka, 1929 [CM11544]
Pitar limatula: Makiyama, 1960 [CM25469, 25470]
Pitar pellucida: Otuka, 1937e [CM11273]
Pitar sp.: Otuka, 1937e [CM10786]
Plicatula horrida: Otuka, 1937e [CM11269]
Plicatula irregularis: Otuka, 1937e [CM11270]
Portlandia hirosakiensis: Matsui, 1985b [CM16437]
Portlandia toyamaensis: Matsui, 1985b [CM16439]
Protapes irrediviva: Otuka, 1937e [CM11022, 11050]
Protothaca (Callithaca) adamsi: Chinzei, 1968b [CM8710], Matsui, 1985b
[CM16614, 16615]
Protothaca jedoensis: Otuka, 1937e [CM10792, 10901, 11020, 11283, 11384]
Protothaca tateiwai: Iwasaki, 1970c [CM8873]
Pseudamiantis tauyensis: Shikama, 1964 [CM24903]
Pseudochama retroversa: Otuka, 1937e [CM11271, 11272]
Pseudogrammatodon dalli obliquatus: Otuka, 1937e [CM11405]
Pseudogrammatodon obliquatus: Otuka, 1937e [CM11237]

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Cenozoic Bivalvia (continued)

Raeta yokohamensis: Yokoyama, 1928c [CM25456], Otuka, 1937e [CM10813, 10904, 10971, 11440]

Saccella confusa = *Leda confusa*: Shikama, 1952 [CM21650], Shikama, 1964 [CM21650]

Saccella (Costanuculana) onoyamai: Matsui, 1985b [CM16430-16435]

Sanguinolaria adamsii: Makiyama, 1960 [CM25502, 25503]

Sanguinolaria minoensis: Shikama, 1952 [CM22884]

Sanguinolaria (Soletellina) boeddinghausi: Oinomikado and Ikebe, 1937 [CM11590]

Saxidomus purpuratus: Oinomikado and Ikebe, 1937 [CM11583], Otuka, 1937e [CM10699, 10899, 11275-11277, 11483]

Semele cardiformis: Makiyama, 1960 [CM25459]

Semele sinensis: Yokoyama, 1928c [CM25459], Otuka, 1937e [CM10905, 11024, 11069, 11136]

Septifer virgatus: Otuka, 1937e [CM11238]

Serripes yokoyamai: Shikama, 1964 [CM13029]

Siratoria siratoriensis: Shikama, 1964 [CM25550]

Solamen spectabilis: Matsui, 1985b [CM16503, 16641]

Solecurtus abbreviatus: Yokoyama, 1928c [CM25458]

Solecurtus divaricatus: Otuka, 1937e [CM10704, 10797, 10906, 11303, 11304]

Solemya tokunagai: Shikama, 1964 [CM22356]

Solen gouldi: Otuka, 1937e [CM11026, 11070, 11142]

Solen grandis: Otuka, 1937e [CM11396]

Solen krusensternii: Yokoyama, 1928c [CM25457], Otuka, 1937e [CM11443]

Solen sp.: Otuka, 1937e [CM11141, 11312, 11313]

Soletellina adamsii: Yokoyama, 1928c [CM25502, 25503]

Soletellina minoensis: Shikama, 1943 [CM22884], Shikama, 1964 [CM22884]

Soletellina sp. a: Otuka, 1929 [CM11546]

Spisula bernardi: Otuka, 1937e [CM11398]

Spisula (Mactromeris) onnechuria: Shikama, 1964 [CM12660]

Spisula (Pseudocardium) kurikoma: Chinzei, 1968b [CM8726]

Spondylus cruentus: Yokoyama, 1928c [CM25491], Otuka, 1937e [CM10695, 11244, 11245]

Standella tokunagai: Otuka, 1937e [CM11023]

Sunetta (Sunettina) menstrualis: Oinomikado and Ikebe, 1937 [CM11584]

Tapes philippinæum: Otuka, 1929 [CM11564]

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Cenozoic Bivalvia (continued)

- Tapes variegatus*: Yokoyama, 1928c [CM25476]
- Tellina (Arcopagia) delta*: Oinomikado and Ikebe, 1937 [CM11593]
- Tellina diaphana*: Otuka, 1937e [CM11032,11466]
- Tellina gargadensis*: Yokoyama, 1928c [CM25461,25462], Otuka, 1937e [CM10705, 10798]
- Tellina iredeLLa*: Yokoyama, 1928c [CM25460], Otuka, 1937e [CM11442]
- Tellina jedoensis*: Otuka, 1937e [CM10799,11033,11085,11139]
- Tellina miyatensis*: Oinomikado and Ikebe, 1937 [CM11591], Otuka, 1937e [CM10800,11140]
- Tellina nitidula*: Otuka, 1937e [CM10801]
- Tellina optiva*: Shikama, 1943 [CM23030]
- Tellina pallidula*: Otuka, 1929 [CM11548]
- Tellina (Peronidia) lutea venulosa*: Oinomikado and Ikebe, 1937 [CM11592]
- Tellina rutila*: Otuka, 1937e [CM10992]
- Tellina salmonea*: Otuka, 1937e [CM11399]
- Tellina sp.*: Otuka, 1933b [CM11627]
- Tellina sp. a*: Otuka, 1929 [CM11549]
- Tellina venulosa*: Shikama, 1943 [CM21275,21276], Shikama, 1952 [CM21275, 21276]
- Tellina vestalioides*: Otuka, 1937e [CM10706,10802,10846,11310,11311,11356]
- Theora lubrica*: Otuka, 1937e [CM10907,11137,11305,11467]
- Thracia kakumana*: Shikama, 1952 [CM22608], Shikama, 1964 [CM21711], Matsui, 1985b [CM16639]
- Thracia kamayashikiensis*: Shikama, 1964 [CM22608]
- Thracia papyracea*: Otuka, 1937e [CM11318]
- Thracia pubescens*: Shikama, 1943 [CM22608]
- Thyasira bisecta nipponica*: Shikama, 1943 [CM26933], Shikama, 1952 [CM26933]
- Thyasira (Conchocele) bisecta*: Matsui, 1985b [CM16521-16529]
- Thyasira (Thyasira) tokunagai*: Matsui, 1985b [CM16519,16520]
- Trachycardium shiobarensse*: Shikama, 1964 [CM25966]
- Trapezium japonicum*: Otuka, 1929 [CM11557], Otuka, 1937e [CM11030,11503]
- Trapezium nipponicum*: Yokoyama, 1928c [CM25487]
- Tridonta borealis*: Matsui, 1985b [CM16553-16559]
- Turritella saishuensis*: Shikama, 1943 [CM21685]
- "*Turritella*" *tokunagai*: Shikama, 1964 [CM22055]

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Cenozoic Bivalvia (continued)

- Venericardia (Cardites) ferruginea*: Shikama, 1943 [CM22294], Shikama, 1952 [CM22294]
- Venericardia (Cyclocardia) aomoriensis*: Shikama, 1964 [CM8655], Chinzei, 1968b [CM8655]
- Venericardia (Cyclocardia) ferruginea*: Shikama, 1964 [CM20475]
- Venericardia (Cyclocardia) ochiaiensis*: Shikama, 1964 [CM8501]
- Venericardia (Cyclocardia) siogamensis*: Shikama, 1964 [CM22294]
- Venericardia (Cyclocardia) vestitoides*: Shikama, 1964 [CM15275]
- Venericardia ferruginea*: Oinomikado and Ikebe, 1937 [CM11580], Otuka, 1937e [CM11391]
- Venericardia ferruginosa*: Otuka, 1933b [CM11628], Otuka, 1937e [CM10777, 11392]
- Venericardia (Megacardia) japonica*: Shikama, 1964 [CM15281]
- Venericardia (Megacardia) panda*: Shikama, 1964 [CM23479]
- Venericardia ochiaiensis*: Chinzei, 1968a [CM8501]
- Venericardia planicosta*: Masutomi and Hamada, 1966 [CM17489]
- Venericardia (Venericor) nipponica*: Shikama, 1964 [CM20016]
- Venerupis (Amygdala) variegata*: Oinomikado and Ikebe, 1937 [CM11587]
- Venerupis insignis*: Yokoyama, 1928c [CM25475]
- Venerupis mitis*: Otuka, 1937e [CM11285]
- Venerupis philippinarum*: Otuka, 1937e [CM10793, 11021, 11287, 11437]
- Venerupis variegata*: Otuka, 1937e [CM10902, 10989, 11049, 11068, 11134, 11286]
- Venus (Chione) minuta*: Otuka, 1937e [CM10701, 10789]
- Venus jedoensis*: Yokoyama, 1928c [CM25471]
- Venus plicata*: Masutomi and Hamada, 1966 [CM17486]
- Venus sp.*: Otuka, 1937e [CM10911]
- Volachlamys yagurai*: Hayami, 1985 [CM16777, 16778]
- Volsella barbata*: Otuka, 1937e [CM10838, 11239]
- Volsella modiolus*: Otuka, 1937e [CM10719, 11347]
- Volsella sp.*: Otuka, 1933b [CM11630]
- Yoldia (Cnesterium) johanni*: Matsui, 1985b [CM16441-16455]
- Yoldia (Hataiyoldia) tokunagai*: Shikama, 1964 [CM22436, 22441]
- Yoldia (Megayoldia) thraciaeformis*: Matsui, 1985b [CM16456-16465]
- Yoldia ninomiyaensis*: Otuka, 1933b [CM11619]
- Yoldia sagittaria*: Shikama, 1964

MOLLUSCA

Cenozoic Bivalvia (continued)

- Yoldia (Yoldia) kikuchii*: Matsui, 1985b [CM16440]
Yoldia (Yoldia) laudabilis: Shikama, 1964 [CM15292]
Zirphaea subconstricta: Otuka, 1937e [CM11320, 11321]
Zozia abbreviata: Otuka, 1937e [CM10796, 11301]

RECENT BIVALVIA

- Cryptopecten bullatus*: Hayami, 1984 [RM16002-16009, 16181-16185, 16195]
Cryptopecten nux nux: Hayami, 1984 [RM16016-16024, 16294]
Cryptopecten vesiculosus vesiculosus: Hayami, 1984 [RM16058-16078, 16080-16169, 16172-16179, 16186, 16191-16193]
Saccella (Costanuculana) husamaru: Matsui, 1985b [CM16656]
Neotrigonia lamarckii: Masutomi and Hamada, 1966 [CM17210]

PALEOZOIC ROSTROCONCHIA

- Conocardium hibernicum*: Masutomi and Hamada, 1966 [PM17304]
Eopteria flora: Pojeta and Runneger, 1976 [PA0310]
Eopteria obsolata: Pojeta and Runneger, 1976 [PA0309]
Euchasma shorinense: Pojeta and Runneger, 1976 [PA0298]
Euchasma wanwanense: Pojeta and Runneger, 1976 [PA0297]
Pseudoeuchasma typica: Pojeta and Runneger, 1976 [PA0315]
Pseudotechnophorus typicalis: Pojeta and Runneger, 1976 [PA0314]
Technophorus coreanica: Pojeta and Runneger, 1976 [PA0900]
Tolmachovia concentrica: Pojeta and Runneger, 1976 [PA1390-1392]
Wanwania ambonychiformis: Pojeta and Runneger, 1976 [PA0292]
Wanwania cambrica: Pojeta and Runneger, 1976 [PA0287, 0290]
Wanwanella ? alta: Pojeta and Runneger, 1976 [PA0308]
Wanwanella striata: Pojeta and Runneger, 1976 [PA0294, 0296]
Wanwanella tumida: Pojeta and Runneger, 1976 [PA0299]
Wanwanoides trigonalis: Pojeta and Runneger, 1976 [PA0300]
Wanwanoides trigonalis delicata: Pojeta and Runneger, 1976 [PA0301]

PALEOZOIC CEPHALOPODA

- Actinoceras richthofeni*: Shikama, 1943 [PM0027], Shikama, 1952 [PM0027]
Agoniatites sp.: Masutomi and Hamada, 1966 [PM17300]

MOLLUSCA

Paleozoic Cephalopoda (continued)

- Cycloceras taihakuense*: Shikama, 1943 [PM0657], shikama, 1952 [PM0657]
"Cyrtoceras" *depressum*: Masutomi and Hamada, 1966 [PM17237]
Discoactinoceras cf. multiplexum: Kobayashi, 1978 [PM4296,4297]
Discoactinoceras multiplexum: Kobayashi, 1978 [PM0051]
Discoactinoceras okdongense: Kobayashi, 1978 [PM4298-4300]
Ellesmereoceras flexuostriatum: Shikama, 1943 [PM0110], Shikama, 1952 [PM0110]
"Endoceras" *vaginatum*: Masutomi and Hamada, 1966 [PM17238]
Endoceroid siphuncle (?): Kobayashi and Hamada, 1964b [PM4948b]
Irianoceras antiquum: Kobayashi and Burton, 1971 [PM8208-8210]
Kotoceras multiseptum: Shikama, 1943 [PM0627], Shikama, 1952 [PM0627]
Michelinoceras hidense: Shikama, 1964 [PM2315]
Muenstoceras parallelum: Masutomi and Hamada, 1966 [PM17326]
Ornoceroid, gen. et sp. indet.: Kobayashi and Hamada, 1964b [PM4948c]
Orthoceras seihekiense: Shikama, 1943 [PM0638], Shikama, 1952 [PM0638]
Sactorthoceras tenuicurvatum: Shikama, 1943 [PM0645], Shikama, 1952 [PM0645]
Stereoplasmoceras pseudoseptum: Shikama, 1943 [PM0017], Shikama, 1952 [PM0017]
Tofangoceras irregulare: Shikama, 1943 [PM0024], Shikama, 1952 [PM0024]
Trocholites ammonioides: Shikama, 1952 [PM0669]
Tronoceras primordialis: Masutomi and Hamada, 1966 [PM17308]

MESOZOIC CEPHALOPODA

- Acanthoceras asiaticum*: Shikama, 1943 [MM7512], Shikama, 1952 [MM7512], Shikama, 1964 [MM7512]
Acanthoceras (Kossmatia) pseudodeverianum: Shikama, 1943 [MM7516]
Acanthoscaphites nodosus: Masutomi and Hamada, 1966 [MM17465]
Amaltheus sp.: Shikama, 1964 [MM2791], Sato, 1974a [MM2791]
Anagaudryceras matsumotoi: Matsumoto, Miyauchi and Kanie, 1985 [MM18140-MM18142]
Anapachydiscus decanensis yezoensis: Matsumoto, 1979 [MM5645]
Anapachydiscus fascicostatus: Matsumoto, 1981e [MM6765]
Anapachydiscus (Neopachydiscus) naumannii: Shikama, 1964 [MM7501], Matsumoto, 1981e [MM7501]
Anapachydiscus sutneri: Shikama, 1964 [MM7643]

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Mesozoic Cephalopoda (continued)

- Dactylioceras (Dactylioceras) commune*: Masutomi and Hamada, 1966 [MM17402]
- Dactylioceras (Dactylioceras) helianthoides*: Hirano, 1975b [MM7073, 7074]
- Dactylioceras helianthoides*: Shikama, 1943 [MM7074], Shikama, 1952 [MM7074], Shikama, 1964 [MM7074]
- Damesites damesi*: Shikama, 1964 [MM7500], Matsumoto, 1981b [MM7500]
- Deroceras* sp.: Shikama, 1964 [MM2790]
- Desmoceras kossmati*: Matsumoto, 1981a [MM6667]
- Desmoceras (Pseudouhligella) ezoanum*: Shikama, 1964 [MM6705], Matsumoto, 1981a [MM6705]
- Desmoceras (Pseudouhligella) japonica*: Shikama, 1952 [MM7575], Shikama, 1964 [MM7574]
- Desmoceras (Pseudouhligella) japonicum*: Matsumoto, 1981a [MM6691, 7574]
- Desmophyllites dephylloides*: Matsumoto, 1981b [MM5552]
- Dichotomosphinctes kiritaniensis*: Sato, 1974b [MM3792, 3793]
- Douvilleiceras mammillatum*: Masutomi and Hamada, 1966 [MM17469]
- Eogunnarites unicus*: Shikama, 1964 [MM6591], Matsumoto, 1981d [MM6591]
- Eomadrasites subnipponicus*: Shikama, 1964 [MM6877], Matsumoto, 1981d [MM6877]
- Epigoniceras glabrus*: Shikama, 1952 [MM6307]
- Epigoniceras popetensis*: Shikama, 1952 [MM7460], Shikama, 1964 [MM7460]
- Epigoniceras sphaeronotus*: Shikama, 1952 [MM7540], Shikama, 1964 [MM7540]
- Eupachydiscus haradai*: Matsumoto, 1981e [MM7498]
- Euspidoceras* sp.: Sato, 1974c [MM4796]
- Fagesia thevestensis*: Matsumoto, 1978b [MM5683]
- Fimblytoceras cfr. linearum*: Shikama, 1943 [MM7080], Shikama, 1952 [MM7080], Shikama, 1964 [MM7080]
- Flexoptychites flexuosus*: Masutomi and Hamada, 1966 [MM17357]
- Garantiana* sp.: Takahashi, 1974a [MM3761]
- Gaudryceras crassicostatum*: Matsumoto, Miyauchi and Kanie, 1985 [MM7492]
- Glyptoxoceras indicum*: Shikama, 1952 [MM7671], Shikama, 1964 [MM7671]
- Grammoceras chibai*: Shikama, 1943 [MM7082], Shikama, 1952 [MM7082]
- Grammoceras* sp.: Sato, 1974a [MM2799]
- Grossouvria laeviradiata*: Sato, 1974b [MM3773]
- Hamites (Anisoceras) indicus*: Shikama, 1943 [MM7671]
- Hamites (Anisoceras) subcompressus*: Kurosawa, 1939 [MM6311], Shikama, 1943 [MM6311], Shikama, 1952 [MM6311]

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Mesozoic Cephalopoda (continued)

- Anisoceras subcompressus*: Shikama, 1964 [MM6311]
Arietites stellaris: Masutomi and Hamada, 1966 [MM17414]
Armenoceras coulingi: Masutomi and Hamada, 1966 [MM1849]
Arnioceras yokoyamai: Shikama, 1964 [MM3697], Takahashi, 1974c [MM3697]
Aspidoceras sp.: Shikama, 1964 [MM3811], Takahashi, 1974b [MM3811]
Asteroceras costatum: Masutomi and Hamada, 1966 [MM17403]
Ataxioceras kurisakense: Sato, 1974c [MM3799, 3802]
Aulacosphinctes sp.: Sato, 1974c [MM3809]
Aulacosphinctoides ? aff. steigeri: Sato, 1974c [MM7035]
Aulacosphinctoides sp.: Sato, 1974c [MM3814, 3815]
Baculites anceps: Sasai, 1936 [MM7971]
Baculites cfr. vagina: Sasai, 1936 [MM7978]
Baculites compressus: Masutomi and Hamada, 1960 [MM7466]
"Belemnites" sp.: Shikama, 1943 [MM6907], Shikama, 1952 [MM6907]
Belemnoteuthis antiqua: Masutomi and Hamada, 1966 [MM17397]
Bigotites sp.: Sato, 1974c [MM3817]
Bomburites aff. globuliforme: Sato, 1974a [MM3794]
Bostrychoseras awajiense: Sasai, 1936 [MM7959, 7960]
Bostrychoceras otsukai multicostatum: Shikama, 1943 [MM7558], Shikama, 1952 [MM7558]
Bostrychoceras otukai multicostata: Shikama, 1964 [MM7558]
Cadoceras elatniae: Masutomi and Hamada, 1966 [MM17408]
Cadomites bandoi: Takahashi, 1974a [MM3760]
Calycoceras orientale: Matsumoto, 1978a [MM5657]
Campylites aff. delmontanus: Sato, 1974b [MM3816]
Canadoceras kossmati: Shikama, 1964 [MM7650], Matsumoto, 1981f [MM7650]
Canadoceras multicostatum: Shikama, 1964 [MM6851]
Canadoceras mysticum: Shikama, 1964 [MM9117]
Ceratites nodosus: Masutomi and Hamada, 1966 [MM17355]
Ceratites semipartites: Masutomi and Hanada, 1966 [MM17354]
Cladiscites tornatus: Masutomi and Hamada, 1966 [MM17367]
Coeloceras subfibulatum: Shikama, 1943 [MM7066], Shikama, 1952 [MM7066], Shikama, 1964 [MM7066]
Corongoceras sp.: Sato, 1974c [MM3807]
Craspedites subditus: Masutomi and Hamada 1966 [MM17406]

MOLLUSCA

Mesozoic Cephalopoda (continued)

- Hamites armatum*: Shikama, 1943 [MM7672], Shikama, 1952 [MM7672], Shikama, 1964 [MM7672]
- Hamites cfr. armatum*: Kurosawa, 1939 [MM6310, 7672]
- Hamites indicus*: Kurosawa, 1939 [MM7671]
- Hamites (Polyptychoceras) sp.*: Kurosawa, 1939 [MM7670]
- Hammatoceras chibai*: Shikama, 1964 [MM7082]
- Hammatoceras hosoirensis*: Shikama, 1964 [MM2780]
- Hammatoceras subtile*: Shikama, 1964 [MM2771]
- Hammatoceras tuberculata*: Shikama, 1964 [MM2767]
- Harpoceras chrysanthemum*: Hirano, 1975a [MM7058, 7064]
- Harpoceras ikianum*: Shikama, 1943 [MM7076], Shikama, 1952 [MM7076], Shikama, 1964 [MM7076]
- Harpoceras okadai*: Shikama, 1964 [MM3702], Takahashi, 1974c [MM3702]
- Hauericeras (Gardeniceras) angustum*: Matsumoto, 1981b [MM7575]
- Haugia japonica* = (*Harpoceras japonica*): Shikama, 1943 [MM7033], Shikama, 1952 [MM7033]
- Haugia japonica*: Shikama, 1964 [MM7033]
- Hecticoceras (Zieteniceras) sp.*: Masutomi and Hamada, 1966 [MM17415]
- Helicoceras (?) venustum*: Shikama, 1943 [MM7551]
- Hildoceras bifrons*: Masutomi and Hamada, 1966 [MM17401]
- Hildoceras chrysanthemum*: Shikama, 1964 [MM4833]
- Hildoceras densicostatum*: Shikama, 1943 [MM7065], Shikama, 1952 [MM7065], Shikama, 1964 [MM7065]
- Horioceras mitodaense*: Shikama, 1943 [MM7034], Shikama, 1952 [MM7034], Shikama, 1964 [MM7034]
- Hosoureites ikianus*: Shikama, 1964 [MM3709], Takahashi, 1974c [MM3709]
- Hypphantoceras oshimai*: Shikama, 1964 [MM7553]
- Hypoturrilites komotai*: Shikama, 1952 [MM7458], Shikama, 1964 [MM7458]
- Jimboiceras mihoense*: Shikama, 1964 [MM9130]
- Jimboiceras planulatiforme*: Shikama, 1964 [MM7499], Matsumoto, 1981c [MM7499]
- Kanabiceras cf. septemseriatum*: Matsumoto, Muramoto and Takahashi, 1969 [MM5690]
- Kepplerites (Seymourites) japonicum*: Shikama, 1964 [MM7049], Sato, 1974a [MM7049]
- Kitchinites (Neopuzosia) ishikawai*: Matsumoto, 1981c [MM7507]

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Mesozoic Cephalopoda (continued)

- Kossmaticeras ishikawai*: Kurosawa, 1939 [MM17697]
Kossmaticeras japonicum: Shikama, 1943 [MM7574], Shikama, 1964 [MM7627]
Kossmaticeras kotoi: Shikama, 1943 [MM7517], Shikama, 1952 [MM7517]
Kranaosphinctes cf. matsushima: Takahashi, 1974b [MM3759]
Kramaosphinctes matsushima: Sato, 1974b [MM7054]
Lamellaptychus lamellosus: Masutomi and Hamada, 1966 [MM17420]
Leptosphinctes (Leptosphinctes) sp.: Takahashi, 1974a [MM3762]
Lilloetia sp.: Sato, 1974a [MM3742]
Lithacoceras tarodaense: Shikama, 1943 [MM7036], Shikama, 1952 [MM7036],
Sato, 1974c [MM7036]
Marshallites compressus: Shikama, 1964 [MM6863], Matsumoto, 1981d [MM6863]
Megaphyllites jarbas: Masutomi and Hamada, 1966 [MM17368, 17369]
Menuites japonicus: Matsumoto, 1981f [MM5626]
Menuites pusillus: Matsumoto, 1981e [MM5630]
Metaplacenticeras subtilistriatum: Shikama, 1952 [MM7502]
"Nautilus clementinus": Masutomi and Hamada, 1966 [MM17211, 17212]
Neocrioceras (?) sanushibensis: Shikama, 1964 [MM7619]
Neocrioceras spinigerum: Matsumoto, 1985 [MM7521, 7522], Matsumoto and
Takahashi, 1986 [MM7521, 7522, 7640, 7708, 18122]
Neogaudryceras ornatum: Shikama, 1943 [MM6304], Shikama, 1952 [MM6304]
Neonibolites eguchi: Shikama, 1964 [MM2539]
Neohibolites miyakoensis: Shikama, 1964 [MM2531, 2533], Hanai, 1982 [MM2535,
2541, 6995-6997], Hanai, 1983 [MM6000]
Neuqueniceras yokoyamai: Sato, 1974b [MM3770, 3772]
Nipponites mirabilis: Shikama, 1943 [MM7560], Shikama, 1952 [MM7560],
Shikama, 1964 [MM7560], Okamoto, 1984 [MM7560]
Nipponites mirabilis sachalinensis
Nipponites mirabilis var. *sachalinensis*: Kurosawa, 1939 [MM7666], Okamaot,
1984 [MM7666]
Oecotraustes sp.: Sato, 1974b [MM3744]
Oppelia aff. *subradiata*: Sato, 1974a [MM3743]
Oppelia echizenica: Shikama, 1943 [MM6911], Shikama, 1952 [MM6911],
Shikama, 1964 [MM6911]
Oppelia lithographica: Masutomi and Hamada, 1966 [MM17425]
Oppelia (Oppelia) subradiata: Masutomi and Hamada, 1966 [MM17417]
Oxycerites sp.: Sato, 1974a [MM3739]

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Mesozoic Cephalopoda (continued)

- Oxynoticeras oxynotum*: Masutomi and Hamada, 1966 [MM17405]
- Pachydiscus (Pachydiscus) subcompressus obsoletus*: Matsumoto, Kanie and Yoshida, 1979 [MM6998]
- Pachydiscus (Pachydiscus) subcompressus* (s. str.): Matsumoto, Kanie and Yoshida, 1979 [MM6821]
- Pachydiscus (Parapachydiscus) fascicostatum*: Yabe and Shimizu, 1921 [MM6764]
- Parapachydiscus (Anapachydiscus) naumannii*: Shikama, 1952 [MM7680]
- Parapachydiscus (Anapachydiscus) sutneri*: Shikama, 1943 [MM6313], Shikama, 1952 [MM6313]
- Parapachydiscus cfr. subtiliobatus*: Sasai, 1936 [MM7962, 7963, 7983]
- Parapachydiscus (Menuites) menu*: Kurosawa, 1939 [MM7683]
- Parapachydiscus (Neopachydiscus) naumannii*: Shikama, 1943 [MM7680]
- Parapachydiscus yezoensis*: Kurosawa, 1939 [MM6314]
- Paratrachyceras (?) sp.*: Kobayashi, Burton, Tokuyama and Yin, 1967 [MM4924]
- Pelekodites cf. pelekus*: Takahashi, 1974a [MM4789]
- Pelekodites (Spatulites) spatians*: Takahashi, 1974a [MM4788]
- Perisphinctes (Biplices) kaizaranus*: Shikama, 1943 [MM7056], Shikama, 1952 [MM7056], Shikama, 1964 [MM7056]
- Perisphinctes ozikaensis*: Takahashi, 1974b [MM6470]
- "*Perisphinctes*" sp.: Masutomi and Hamada, 1966 [MM17400]
- Perisphinctes* (s. s.) *ozikaensis*: Shikama, 1964 [MM6470]
- Peronoceras subfibulatum*: Hirano, 1975b [MM7066-7069]
- Phylloceras heterophyllum*: Masutomi and Hamada, 1966 [MM17407]
- Phyllopachyceras ezoense*: Shikama, 1943 [MM6301], Shikama, 1952 [MM6301], Shikama, 1964 [MM6301]
- Placenticeras subtilistriatum*: Shikama, 1943 [MM7502]
- Planammatoceras chibai*: Takahashi, 1974c [MM7082]
- Planammatoceras hosourense*: Takahashi, 1974c [MM2776]
- Plesioteuthis prisca*: Masutomi and Hamada, 1966 [MM17435]
- Pleuroceras spinatum*: Masutomi and Hamada, 1966 [MM17421]
- Pleydellia aalensis*: Masutomi and Hamada, 1966 [MM17404]
- Poculisphinctes* sp.: Sato, 1974c [MM17040]
- Pravitoceras sigmoidale*: Sasai, 1936 [MM7061, 7982], Shikama, 1943 [MM7478], Shikama, 1952 [MM7478], Shikama, 1964 [MM7478]
- Productylioceras bollense*: Masutomi and Hamada, 1966 [MM17416]
- Pseudogaudryceras infrequence*: Shikama, 1943 [MM6303], Shikama, 1952 [MM6303], Shikama, 1964 [MM6303]

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Mesozoic Cephalopoda (continued)

- Pseudoxybelioceras quadrinodosum*: Shikama, 1964 [MM7618]
Ptychophylloceras sp.: Sato, 1974a [MM3750]
Puzosia planilatiforme: Kurosawa, 1939 [MM7695]
Puzosia subcorbarica: Shikama, 1964 [MM7639]
Romaniceras pseudodeverianum: Shikama, 1952 [MM7516], Shikama, 1964 [MM7516]
Salpingoteuthis acuarius: Masutomi and Hamada, 1966 [MM17419]
Scalarites mihoensis: Shikama, 1964 [MM6565]
Scalarites venustus: Shikama, 1952 [MM7551], Shikama, 1964 [MM7551]
Scaphites yokoyamai: Shikama, 1943 [MM7519], Shikama, 1952 [MM7519],
Shikama, 1964 [MM7519]
Schloenbachia "varians": Masutomi and Hamada, 1966 [MM17468]
Schlottheimia jimboi: Shikama, 1943 [MM7077], Shikama, 1952 [MM7077],
Shikama, 1964 [MM7077]
Sonninia sp.: Takahashi, 1974a [MM3806]
Stephanoceras cf. *plicatissimum*: Shikama, 1964 [MM2794]
Subteueroceras sp.: Takahashi, 1974b [MM3756]
Taramelliceras cf. *callicerum*: Sato, 1974c [MM3810]
Taramelliceras sp.: Sato, 1974c [MM3741]
Tetragonites glabrus: Shikama, 1943 [MM6307]
Tetragonites popetensis: Shikama, 1943 [MM7469]
Tetragonites shpaeronotus: Shikama, 1943 [MM7540]
Tmetoceras recticostatum: Takahashi, 1974c [MM2745, 2747]
Tragodesmoceroides subcostatus: Shikama, 1964 [MM6718], Matsumoto, 1981a
[MM6718, 6719, 6721]
Turrilites bergeri: Masutomi and Hamada, 1966 [MM17467]
Turrilites (*Helicoceras* ?) *venustus*: Kurosawa, 1939 [MM6308]
"Turrilites" komotai: Shikama, 1943 [MM7458]
Vermiceras spiratissimum: Masutomi and Hamada, 1966 [MM17418]
Virgatites virgatus: Masutomi and Hamada, 1966 [MM17409]
Yokoyamaoceras kotoi: Shikama, 1964 [MM7517], Matsumoto, 1981d [MM7517]
Zelandites kawanoi: Shikama, 1943 [MM7509], Shikama, 1952 [MM7509], Shikama,
1964 [MM7509]

CENOZOIC CEPHALOPODA

- Argonauta tokunagai*: Shikama, 1964 [CM4680]

MOLLUSCA - ARTHROPODA

Cenozoic Cephalopoda (continued)

Aturia cf. minoensis: Shikama, 1964 [CM4696]

Eutrephoceras japonicum: Shikama, 1964 [CM8499]

Izumonauta lata: Shikama, 1964 [CM4681]

Neocymatoceras tsukushense: Shikama, 1964 [CM8492]

Obinauutilus pulchra: Shikama, 1964 [CM8493], Masutomi and Hamada, 1966
[CM8493]

? MOLLUSCA INCERTAE SEDIS

Hyolithes subcarinatus: Shikama, 1943 [PM0946,0947], Shikama, 1952 [PM0946,
0947]

Hyolithid indet. A: Kobayashi, Jones and Hamada, 1964 [PM4977b,4985,4989b]

Hyolithid indet. B: Kobayashi, Jones and Hamada, 1964 [PM4967c]

Hyolithid indet. C: Kobayashi, Jones and Hamada, 1964 [PM4989]

Tentaculites gyracanthus: Masutomi and Hamada, 1966 [PM17307]

ARTHROPODA

PALEOZOIC TRILOBITA

Acanthopyge (Lobopyge ?) sp. indet.: Kobayashi and Hamada, 1977 [PA7410]

Acropyge lanceolata: Kobayashi and Hamada, 1978e [PA16766], Kobayashi and
Hamada, 1984b [PA16766]

Agnostid, indet.: Kobayashi, 1960 [PA15976]

Agnostus pisiformis: Masutomi and Hamada, 1966 [PA17218]

Agnostus rakuroensis: Shikama, 1943 [PA0953], Shikama, 1952 [PA0953]

Ampulliglabella kojimai: Kobayashi and Hamada, 1984b [PA16740-16750]

Ampulliglabella rotunda: Kobayashi and Hamada, 1984b [PA16751-16755]

Apolichas truncatus: Kobayashi and Hamada, 1986b [PA18083]

Archaeonus (Angustibole) impolitus: Kobayashi and Hamada, 1980c [PA5756,
5757]

Archaeonus (Angustibole) reliquius: Kobayashi and Hamada, 1980c [PA5750-
5755]

Aristoharpes sp.: Kobayashi and Hamada, 1971b [PA17838]

Asaphus raniceps: Masutomi and Hamada, 1966 [PA17227,17230]

Aulacopleura (Aulacopleura) konincki: Masutomi and Hamada, 1966 [PA17260]

Basilicus deltacauda: Shikama, 1943 [PA0720], Shikama, 1952 [PA0720]

Basilicus yokusensis: Shikama, 1943 [PA0708], Shikama, 1952 [PA0708]

ARTHROPODA

Paleozoic Trilobita (continued)

- Basiliella kawasakii*: Shikama, 1943 [PA0724], Shikama, 1952 [PA0724]
Basiliella satunensis: Kobayashi and Hamada, 1964b [PA4951-4961]
Basiliella sp.: Kobayashi and Hamada, 1964b [PA4962-4964]
Basilielloides inexpectans: Kobayashi and Hamada, 1972 [PA17881,17882]
Blackwelderia sinensis: Shikama, 1943 [PA1024], Shikama, 1952 [PA1024]
Blanodalmanites kokesiformis: Kobayashi and Hamada, 1972 [PA17861,17862]
Blanodalmanites nubelania: Kobayashi and Hamada, 1972 [PA17852-17860]
Bolivicranis yampupatensis: Kobayashi and Hamada, 1986a [PA18064-18067]
Bollandia pacifica: Kobayashi and Hamada, 1980c [PA5885-5889,5955-5957]
Brachymetopus (Brachymetopella) akitoshiensis: Kobayashi and Hamada, 1978c
[PA5736,5738], Kobayashi and Hamada, 1980c [PA5736-5739,5826]
Brachymetopus (Brachymetopella ?) kitagawai: Kobayashi and Hamada, 1980c
[PA5740,5741]
Brachymetopus (Brachymetopus) gracilentus: Kobayashi and Hamada, 1980c
[PA5734,5735,5825]
Brachymetopus (Brachymetopus) omiensis: Kobayashi and Hamada, 1980c
[PA5728-5733,5824]
Bulbaspidinae ? gen. sp. nov.: Kobayashi and Hamada, 1978a [PA18061]
Bumastid, gen. et sp. indet.: Kobayashi and Hamada, 1974 [PA7342,7350,7351]
Bumastus (Bumastella) bipunctatus: Kobayashi and Hamada, 1974 [PA7346-7349]
Bumastus (Bumastella) spiculus: Kobayashi and Hamada, 1974 [PA7345]
Bumastus glomerosus: Kobayashi and Hamada, 1974 [PA7343]
Bumastus subquadratus: Kobayashi and Hamada, 1974 [PA7344]
Calymene blumenbachi: Masutomi and Hamada, 1966 [PA17259]
Calymene scrivenori: Kobayashi and Hamada, 1971b [PA17816-17824]
Carbonocoryphe (Winterbergia ?) orientalis: Kobayashi and Hamada, 1978b
[PA5764], Kobayashi and Hamada, 1980c [PA5764]
Ceratocephala nipponica: Kobayashi and Hamada, 1977 [PA7408,7409]
Ceraurinella cfr. mitis: Kobayashi, 1960 [PA15980]
Cerauroides orientalis: Kobayashi and Hamada, 1973b [PA7358], Kobayashi
and Hamada, 1974 [PA7357,7358]
*Cheiropyge (Suturikephalion) koizumi*i: Kobayashi and Hamada, 1982 [PA16657,
16661,16662,16667], Kobayashi and Hamada, 1984b [PA16657-16667]
Cheirurus (Crotalocephalus) japonicus: Shikama, 1964 [PA2273]
Cheirurus sp.: Kobayashi and Hamada, 1971b [PA17742-17748]
Chuangia taihakuensis: Shikama, 1943 [PA1067,1068,1070], Shikama, 1952
[PA1067,1068,1070]

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Paleozoic Trilobita (continued)

- Conocoryphe lantenois*: Shikama, 1943 [PA1092], Shikama, 1952 [PA1092]
- Conophillipsia cf. decisegments*: Kobayashi and Hamada, 1980c [PA5746,5747]
- Conophillipsia decisegments*: Kobayashi and Hamada, 1980c [PA5748,5749]
- Coronocephalus kobayashii*: Shikama, 1964 [PA7280,7289-7292,7294], Masutomi and Hamada, 1966 [PA7280], Kobayashi and Hamada, 1974 [PA7280-7297]
- Craspedarges superbus*: Kobayashi and Hamada, 1977 [PA7411-7419]
- Crotalocephalina (Crotalocephalides) sp. indet.*: Kobayashi and Hamada, 1977 [PA7435]
- Crotalocephalina (Crotalocephalina) sp. indet.*: Kobayashi and Hamada, 1977 [PA2277]
- Crotalocephalina (Geracephalina) convexa*: Kobayashi and Hamada, 1977 [PA7427-7432,7437,7438]
- Crotalocephalina (Geracephalina) eurytachis*: Kobayashi and Hamada, 1977 [PA7433,7434]
- Crotalocephalina (Geracephalina) secta prolecta*: Kobayashi and Hamada, 1977 [PA7426]
- Crotalocephalina (Pilletopeltis) japonica*: Kobayashi and Hamada, 1977 [PA2273-2276,7420-7424]
- Crotalocephalina (Pilletopeltis) kameii*: Kobayashi and Hamada, 1977 [PA7425]
- Crotalocephalinid hypostoma*: Kobayashi and Hamada, 1977 [PA7436]
- Crotalocephalinid pygidium*: Kobayashi and Hamada, 1977 [PA7439]
- Cummingella cf. otai*: Kobayashi and Hamada, 1980c [PA5860,5951]
- Cummingella (?) eurypye*: Kobayashi and Hamada, 1980c [PA5877]
- Cummingella granulifera*: Kobayashi and Hamada, 1980c [PA5894-5896]
- Cummingella imamurai*: Kobayashi and Hamada, 1980c [PA5878]
- Cummingella mesops*: Kobayashi and Hamada, 1980c [PA5865-5874]
- Cummingella otai*: Kobayashi and Hamada, 1978c [PA5949], Kobayashi and Hamada, 1980c [PA5857-5859,5949,5950]
- Cummingella (?) sp. indet.*: Kobayashi and Hamada, 1980c [PA5881-5884]
- Cummingella sp. nov.*: Kobayashi and Hamada, 1980c [PA5876]
- Cummingella subovalis*: Kobayashi and Hamada, 1980c [PA5941]
- Cummingella subtrigonalis*: Kobayashi and Hamada, 1980c [PA5861-5875,5952]
- Cyclopygid eye*: Kobayashi and Hamada, 1978a [PA18043,18044]
- Cyphoproetus latiaxis*: Kobayashi and Hamada, 1986b [PA18078,18079]
- Cyrtosymbole (Waribile) perlensis*: Kobayashi and Hamada, 1966 [PA3116, 3117]

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Paleozoic Trilobita (continued)

- Dalmanites caudatus*: Masutomi and Hamada, 1966 [PA17258]
Dalmanitina malayensis: Kobayashi, Jones and Hamada, 1964 [PA4963,4965, 4975,4979-4981,4986-4988], Kobayashi and Hamada, 1964a [PA4962-4979]
Dalmanitina sp.: Masutomi and Hamada, 1966 [PA17504]
Damesella octaspina: Shikama, 1943 [PA1020], Shikama, 1952 [PA1020]
Damesella paronai: Masutomi and Hamada, 1966 [PA1841]
Dechenella (Dechenella) minima: Shikama, 1964 [PA8006], Kobayashi and Hamada, 1977 [PA8006]
Dechenelloides asiaticus: Kobayashi and Hamada, 1980c [PA5773-5775]
Decoroproetus granulatus: Kobayashi and Hamada, 1974 [PA7377,7378]
Decoroproetus s. l. ? spp. indet.: Kobayashi and Hamada, 1978a [PA18062, 18063]
Diacoryphe (?) sp.: Kobayashi and Hamada, 1972 [PA17951]
Dicranopeltis tricornis: Kobayashi and Hamada, 1986b [PA18082]
Dindymene (?) sp. indet.: Kobayashi and Hamada, 1986b [PA18081]
Ditomopyge amorni: Kobayashi and Hamada, 1979 [PA17953]
Ditomopyge densigranulata: Kobayashi and Hamada, 1984b [PA16696-16698]
Ditomopyge sp. indet.: Kobayashi and Hamada, 1979 [PA17954]
Drepanura premesnili: Shikama, 1943 [PA1030], Shikama, 1952 [PA1030]
Eccoptochile ? sp. indet.: Kobayashi and Hamada, 1978a [PA18051]
Ellipsocephalus hoffi: Masutomi and Hamada, 1966 [PA17220]
Elrathia chuwaensis: Shikama, 1943 [PA1100], Shikama, 1952 [PA1100]
Encrinurus fimbriatus: Kobayashi and Hamada, 1974 [PA7381]
Encrinurus ishii: Kobayashi and Hamada, 1974 [PA15991]
Encrinurus nodai: Kobayashi and Hamada, 1974 [PA7380]
Encrinurus Pygigium: Kobayashi and Hamada, 1974 [PA7370,7379]
Encrinurus tosensis: Kobayashi and Hamada, 1974 [PA15990]
Encrinurus yokokurensis: Kobayashi and Hamada, 1974 [PA7369]
Endops yanagisawai: Kobayashi and Hamada, 1984b [PA16688-16691]
Eochuangia hana: Shikama, 1943 [PA1048,1053], Shikama, 1952 [PA1048,1053]
Eodiscus fusifrons: Shikama, 1943 [PA0448], Shikama, 1952 [PA0448]
Eurypterus remipes: Masutomi and Hamada, 1966 [PA17253]
Flexicalymene senaria: Masutomi and Hamada, 1966 [PA17224,17225]
Flexicalymenid, gen. et sp. indet.: Kobayashi and Hamada, 1977 [PA2278, 8919]

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Paleozoic Trilobita (continued)

- Free cheek, gen. et sp. indet.: Kobayashi and Hamada, 1980c [PA5892]
Geragnostella ? sp. indet.: Kobayashi and Hamada, 1978a [PA18045]
Geratrinodus cf. *levigatus*: Kobayashi and Hamada, 1978a [PA18050]
Geratrinodus levigatus: Kobayashi and Hamada, 1978s [PA18049]
Geratrinodus perconvexus: Kobayashi and Hamada, 1978a [PA18048]
Gervicalymene yamakoshii: Kobayashi and Hamada, 1977 [PA8911-8918, 8920-8930]
Goldillaenus shinoharai: Kobayashi and Hamada, 1974 [PA7352]
Griffithid, gen. et sp. indet.: Kobayashi and Hamada, 1984b [PA16670]
Griffithidella nishikawai: Kobayashi and Hamada, 1978b [PA5913], Kobayashi and Hamada, 1980c [PA5913]
Harpes (s. l.) *Kylindrorthachis*: Kobayashi and Hamada, 1972 [PA17883, 17884]
Hidascutellum multispiniferum: Kobayashi and Hamada, 1977 [PA7381-7393, 7396-7406]
Ichiyamella subglobula: Kobayashi and Hamada, 1986b [PA18080]
Illaenoides (?) *abnormis*: Kobayashi and Hamada, 1986b [PA18076]
Illaenoides (?) *magnisulcatus*: Kobayashi and Hamada, 1986b [PA18075]
Iranaspidion sagittalis: Kobayashi and Hamada, 1978e [PA16762-16765], Kobayashi and Hamada, 1984b [PA16762-16765]
Japonoscutellum japonicum: Kobayashi and Hamada, 1974 [PA7353, 7354, 7356, 15981-15986, 16989]
Japonoscutellum japonicum laticephalum: Kobayashi and Hamada, 1986b [PA18072]
Japonoscutellum japonicum puteatum: Kobayashi and Hamada, 1986b [PA18071]
Jimbokranion subovalis: Kobayashi and Hamada, 1984b [PA16677]
Juvenile scutelloid cephalon: Kobayashi and Hamada, 1974 [PA7355]
Kaolishania granulata: Shikama, 1943 [PA1035, 1038], Shikama, 1952 [PA1035, 1038]
Langgonbole vulgaris: Kobayashi and Hamada, 1973a [PA17886-17926]
Langgonia araiorachis: Kobayashi and Hamada, 1971b [PA17806-17808]
Langgonia bimaculata: Kobayashi and Hamada, 1971b [PA17804, 17805]
Langgonia (?) *plimeroides*: Kobayashi and Hamada, 1971b [PA17809-17813]
Linguaphillipsia aff. *higuchizawensis*: Kobayashi and Hamada, 1980c [PA5796]
Linguaphillipsia choanjiensis: Kobayashi and Hamada, 1980c [PA5788, 5789]
Linguaphillipsia higuchizawensis: Kobayashi and Hamada, 1980c [PA5791-5795]
Linguaphillipsia (?) sp. indet.: Kobayashi and Hamada, 1980c [PA5787]

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Paleozoic Trilobita (continued)

- Linguaphillipsia* sp. indet. A: Kobayashi and Hamada, 1980c [PA5848]
Linguaphillipsia sp. indet. B: Kobayashi and Hamada, 1980c [PA5880]
Linguaphillipsia (?) sp. nov.: Kobayashi and Hamada, 1980c [PA5849]
Linguaphillipsia subconica: Kobayashi and Hamada, 1980c [PA5797-5813, 5947, 5948]
Linguaphillipsid, gen. et sp. indet.: Kobayashi and Hamada, 1980c [PA5815]
Liobole (?) sp. indet. : Kobayashi and Hamada, 1980c [PA5961]
Loeipyge spinifer: Kobayashi and Hamada, 1979 [PA17952]
Lonchodomas (Metalonchodomas) masjidiformis: Kobayashi and Hamada, 1971b [PA17839, 17840]
Lonchodomas rhodomas: Kobayashi and Hamada, 1978a [PA18060]
Lonchodomas sp.: Kobayashi, 1960 [PA15975]
Macrobole kedahensis: Kobayashi and Hamada, 1973a [PA17928-17950]
Malayaproetus bulbus: Kobayashi and Hamada, 1971b [PA17825-17831]
Malayaproetus sp. nov.: Kobayashi and Hamada, 1971b [PA17754]
Microparia cf. speciosa: Kobayashi and Hamada, 1978a [PA18056, 18057]
Microparia ? sp. indet.: Kobayashi and Hamada, 1978a [PA18058]
Microscutellum primigenium: Kobayashi and Hamada, 1974 [PA7383, 15987]
Miraspis mira: Masutomi and Hamada, 1966 [PA17261]
Neogriffithides imbricatus: Kobayashi and Hamada, 1980a [PA16668],
Kobayashi and Hamada, 1984b [PA16668, 16669]
" *Neoproetus*" *akagii*: Kobayashi and Hamada, 1984b [PA16679-16682]
Neoproetus sp. indet. aff. *N. subovalis*: Kobayashi and Hamada, 1979
[PA17959]
Neoproetus (Triproetus) subovalis: Kobayashi and Hamada, 1979 [PA17955-17958]
Nileus malayensis: Kobayashi and Hamada, 1978a [PA18052-18054]
Nipponaspis takaizumii: Kobayashi and Hamada, 1984b [PA16672-16676]
Octobronteus sp.: Kobayashi and Hamada, 1971b [PA17759, 17814]
Octobronteus (?) sp.: Kobayashi and Hamada, 1965 [PA3118], Kobayashi and
Hamada, 1974 [PA3118]
Odontochile: sp. indet.: Kobayashi and Hamada, 1977 [PA8908, 8909]
Ogygitoides raymondi: Shikama, 1943 [PA0774], Shikama, 1952 [PA0774]
Onnia concentricus: Masutomi and Hamada, 1966 [PA17226]
Opoa (?) *trinodosa*: Kobayashi and Hamada, 1986b [PA18074]
Oryctocephalus orientalis: Shikama, 1943 [PA0495, 0498], Shikama, 1952
[PA0495, 0498]

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Paleozoic Trilobita (continued)

- Paladin carinatus*: Kobayashi and Hamada, 1980c [PA5960]
Paladin (?) iwaizakiensis: Kobayashi and Hamada, 1984b [PA16692-16695]
Paladin longispiniferus: Kobayashi and Hamada, 1978c [PA5818, 5819, 5943, 5944]
Paladin (?) mizunoi: Kobayashi and Hamada, 1980c [PA5926-5932, 5945]
Paladin opisthops: Kobayashi and Hamada, 1979 [PA17963-17966]
Paladin sp. indet.: Kobayashi and Hamada, 1980c [PA5933-5936]
Paladin veeraburusi: Kobayashi and Hamada, 1979 [PA17967]
Paladin (Weberides) longispiniferus: Kobayashi and Hamada, 1980c [PA5937-5944]
Palaeophillipsia ? sp. indet.: Kobayashi and Hamada, 1980c [PA5856]
Palaeophillipsia tenuis: Kobayashi and Hamada, 1980c [PA5790, 5850, 5852-5855]
Parabasilicus shirakii: Shikama, 1943 [PA0751], Shikama, 1952 [PA0751]
Parabasilicus typicus: Shikama, 1943 [PA0746], Shikama, 1952 [PA0746]
Parabasilicus yamanarii: Shikama, 1943 [PA0762], Shikama, 1952 [PA0762]
Paradoxides bohemicus: Masutomi and Hamada, 1966 [PA17221]
Paragriphithides japonicus: Kobayashi and Hamada, 1980c [PA5946]
Paraphillipsia inflata: Kobayashi and Hamada, 1979 [PA17960]
Paraphillipsia levigata: Kobayashi and Hamada, 1980a [PA16683, 16684, 16686], Kobayashi and Hamada, 1984b [PA16683-16687]
Paraphillipsia sp.: Kobayashi and Hamada, 1979 [PA17961, 17962]
Parvidumus densigranulatus: Kobayashi and Hamada, 1980c [PA5897-5912]
Perakaspis (Kruhbole ?) burtoni: Kobayashi and Hamada, 1972 [PA17875a]
Perakaspis (Krohbole) elongata: Kobayashi and Hamada, 1972 [PA17869-17874]
Perakaspis (?) sp.: Kobayashi and Hamada, 1972 [PA17876]
Perakaspis trapezoidalis: Kobayashi and Hamada, 1972 [PA17863-17868, 17885]
Phacops cf. okanoi: Kobayashi and Hamada, 1977 [PA8910]
Phacops latifrons: Masutomi and Hamada, 1966 [PA17297-17299]
Phacops (new subgenus ?) manchuricus: Kobayashi and Hamada, 1977 [PA7440, 7444-7446]
Phacops nonakai: Okubo, 1956 [PA7443, 8910], Shikama, 1964 [PA7443], Masutomi and Hamada, 1966 [PA7443]
Phillibole arakii: Kobayashi and Hamada, 1980c [PA5763]
"Phillipsia" aff. middlemissi: Kobayashi and Hamada, 1985 [PA17722]
Phillipsia cf. ohmorensis: Kobayashi and Hamada, 1980c [PA5780, 5781]
Phillipsia longiconica: Kobayashi and Hamada, 1980c [PA5784-5786]

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Paleozoic Trilobita (continued)

- Phillipsia ohmorensis*: Shikama, 1964 [PA8002], Kobayashi and Hamada, 1980c [PA5765-5769, 5771, 5772, 5827, 8003, 8004]
- Phillipsia ohmorensis* (?): Kobayashi and Hamada, 1980c [PA5782, 5783]
- Phillipsia ohmorensis* forma *multisegmenta*: Kobayashi and Hamada, 1980c [PA5776-5779, 5828]
- Plagiolaria poothaii*: Kobayashi and Hamada, 1968 [PA4991-4994], Kobayashi and Hamada, 1971a [PA17841], Kobayashi and Hamada, 1972 [PA17841, 17849, 17851, 17859]
- Prantlia biloba*: Kobayashi and Hamada, 1974 [PA15992]
- Primaspis* (?) *tanakai*: Kobayashi and Hamada, 1977 [PA7407]
- Prodontochile igoi*: Kobayashi and Hamada, 1971b [PA17754, 17757-17800]
- Proetoid*, gen. et sp. indet.: Kobayashi and Hamada, 1972 [PA17875, 17877-17880]
- Proetoid*, gen. et sp. indet. a: Kobayashi and Hamada, 1971b [PA17754, 17830, 17832-17836]
- Proetoid*, gen. et sp. indet. (a): Kobayashi and Hamada, 1977 [PA8965, 8966]
- Proetoid*, gen. et sp. indet. (b): Kobayashi and Hamada, 1977 [PA8967]
- Proetoid* (?): Kobayashi and Hamada, 1971b [PA17837]
- Proetus (Bohemiproetus) magnicerviculus*: Kobayashi and Hamada, 1974 [PA7376]
- Proetus cf. subovalis*: Kobayashi and Hamada, 1974 [PA7372]
- Proetus (Coniproetus) fukuiensis*: Kobayashi and Hamada, 1977 [PA8957-8964]
- Proetus (Gerastos) subcarinatus*: Kobayashi and Hamada, 1974 [PA7373, 7374]
- Proetus (Gerastos) sugiharensis*: Kobayashi and Hamada, 1974 [PA7375]
- Proetus (Pudoproetus) obsoletus*: Kobayashi and Hamada, 1978b [PA5742, 5744]
- Pseudagnostus longicollis*: Kobayashi, 1960 [PA6898-6900]
- Pseudoliostracina walcotti*: Kobayashi, 1966 [PA6897]
- Pseudophillipsia (Carniphillipsia ?) intermedia*: Kobayashi and Hamada, 1984b [PA16736, 16737]
- Pseudophillipsia intermedia*: Kobayashi and Hamada, 1980a [PA16736, 16739]
- Pseudophillipsia (Nodiphillipsia ?) aff. P. (N. ?) binodosa*: Kobayashi and Hamada, 1984b [PA16720]
- Pseusophillipsia (Nodiphillipsia ?) aff. P. (N. ?) simplex*: Kobayashi and Hamada, 1984b [PA16759-16761]
- Pseudophillipsia (Nodiphillipsia ?) binodosa*: Kobayashi and Hamada, 1984b [PA16708, 16709, 16756, 16757]
- Pseudophillipsia (Nodiphillipsia) hanaokensis*: Kobayashi and Hamada, 1984a [PA16727, 16729], Kobayashi and Hamada, 1984b [PA16725-16729, 16738, 16739]

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Palaeozoic Trilobita (continued)

- Pseudophillipsia (Nodiphillipsia) ozawai*: Kobayashi and Hamada, 1984a
[PA16723,16724], Kobayashi and Hamada, 1984b [PA16723,16724]
- Pseudophillipsia (Nodiphillipsia) sasakii*: Kobayashi and Hamada, 1984b
[PA16704-16706]
- Pseudophillipsia (Nodiphillipsia ?) simplex*: Kobayashi and Hamada, 1984b
[PA16758]
- Pseudophillipsia (Nodiphillipsia) spatulifera*: Kobayashi and Hamada, 1984b
[PA16699-16719]
- Pseudophillipsia (Pseudophillipsia) akasakensis*: Kobayashi and Hamada,
1984a [PA16721], Kobayashi and Hamada, 1984b [PA16721,16722]
- Pseudophillipsia (Pseudophillipsia) catena*: Kobayashi and Hamada, 1984a
[PA16731,16734], Kobayashi and Hamada, 1984b [PA16730-16735]
- Pseudophillipsia (Pseudophillipsia) kiriuensis*: Kobayashi and Hamada, 1984a
[PA16711,16712], Kobayashi and Hamada, 1984b [PA16710-16712]
- Pseudophillipsia (Pseudophillipsia) kiriuensis forma subtrigonalis*:
Kobayashi and Hamada, 1984b [PA16713-16718]
- Pseudophillipsia (Pseudophillipsia ?) kuzuensis*: Kobayashi and Hamada,
1984b [PA16707]
- Pseudophillipsia (Pseudophillipsia) spatulifera*: Kobayashi and Hamada,
1980b [PA16699,16700]
- Pseudophillipsia (?) sp. indet.*: Kobayashi and Hamada, 1984b [PA16671,
16678]
- Pseudotrinodus aenigma*: Kobayashi and Hamada, 1971a [PA17842,17843],
Kobayashi and Hamada, 1972 [PA17842m17843]
- Pseudotrinodus* 2 spp. indet.: Kobayashi and Hamada, 1972 [PA17844-17848]
- Ptychoparia striatus*: Masutomi and Hamada, 1966 [PA17217]
- Pudoproetus obsoletus*: Kobayashi and Hamada, 1980c [PA5742-5745]
- Pygigium*, gen. et sp. indet.: Kobayashi and Hamada, 1980c [PA5890,5891,
5958,5959]
- Quadraticephalus manchuricus*: Shikama, 1943 [PA0386,0387], Shikama, 1952
[PA0386,0387]
- Raphiophorus* sp. nov. ?: Kobayashi and Hamada, 1978a [PA18059]
- Redlichia manchuriensis*: Shikama, 1943 [PA4187], Shikama, 1952 [PA4187]
- Reedops nonakai*: Kobayashi and Hamada, 1977 [PA7443]
- Remopleurides* cf. *emarginatus*: Kobayashi and Hamada, 1978a [PA18055]
- Schizophillipsia otsuboensis*: Kobayashi and Hamada, 1980c [PA5851,5922-
5925]
- Schizophillipsia (?) platyrachis*: Kobayashi and Hamada, 1980c [PA5835,
5836]

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Paleozoic Trilobita (continued)

- Schizophillipsia yukisawensis*: Kobayashi and Hamada, 1980c [PA5814, 5816, 5817-5823, 5829-5834, 5837-5847]
- Scutelloid* Free cheek: Kobayashi and Hamada, 1974 [PA15988]
- Scutelloid*, gen. et sp. indet.: Kobayashi and Hamada, 1986b [PA18073]
- Scutelloid* indet.: Kobayashi and Hamada, 1971b [PA17815]
- Scutellum densigranulatum*: Kobayashi and Hamada, 1977 [PA7394, 7395]
- Scutellum japonicum*: Kobayashi and Hamada, 1965 [PA7353]
- Scutellum paliferum*: Masutomi and Hamada, 1966 [PA17293]
- Scutellum (?) sp.*: Kobayashi and Hamada, 1965 [PA7447], Kobayashi and Hamada, 1977 [PA7447]
- Scutellum umbelliferum*: Masutomi and Hamada, 1966 [PA17294]
- Sphaerexochus hiratai*: Kobayashi and Hamada, 1974 [PA7359-7367, 7382], Kobayashi and Hamada, 1986b [PA18077]
- Sphaerexochus (Onukia) sugiyamai*: Kobayashi and Hamada, 1976 [PA16196-16200]
- Sphaerexochus orientalis*: Kobayashi and Hamada, 1971b [PA17749-17756]
- Sphaerexochus planirachis*: Kobayashi and Hamada, 1974 [PA7368]
- Staurocephalus ? sp.* indet.: Kobayashi and Hamada, 1974 [PA7371]
- Stenopareia (?) sp.*: Kobayashi, Jones and Hamada, 1964 [PA4984]
- Thaiaspis euryrachis*: Kobayashi and Hamada, 1979 [PA17968]
- Thaiaspis ? gen. et sp. indet.*: Kobayashi and Hamada, 1979 [PA17970, 17971]
- Thaiaspis (Thaiaspella) aliger*: Kobayashi and Hamada, 1978d [PA17969], Kobayashi and Hamada, 1979 [PA17969]
- Thigriiffides aff. hinensis*: Kobayashi and Hamada, 1980c [PA5879, 5918]
- Thigriiffides hinensis*: Kobayashi and Hamada, 1980c [PA5914-5917]
- Thigriiffides ? hinensis*: Kobayashi and Hamada, 1978b [PA5914, 5916]
- Thigriiffides (?) kibiensis*: Kobayashi and hamada, 1980c [PA5919-5921]
- Thysanopeltella (Septimopeltis) paucispinosa*: Kobayashi and Hamada, 1977 [PA8001]
- Thysanopeltis paucispinosa*: Shikama, 1964 [PA8001]
- Trinodus* sp. aff. *T. tardus*: Kobayashi and Hamada, 1978a [PA18046, 18047]
- Tsinania canens*: Shikama, 1943 [PA0399, 0400], Shikama, 1952 [PA0399, 0400]
- Unguliproetus oisensis*: Kobayashi and Hamada, 1977 [PA8931-8956]
- Vietnamia douvillei*: Kobayashi, 1960 [PA15978, 15979]
- Waribole lobatus*: Kobayashi and Hamada, 1980c [PA5757-5760]
- Waribole perlensis*: Kobayashi and Hamada, 1973a [PA17927]

ARTHROPODA

Paleozoic Trilobita (continued)

Waribole sp. indet.: Kobayashi and Hamada, 1980c [PA5761,5762]

Waribole (?) sp. indet.: Kobayashi and Hamada, 1980c [PA5893]

Zeliszkelloid (?) gen. et sp. indet.: Kobayashi and Hamada, 1971b [PA7801-7803]

PALEOZOIC CRUSTACEA

"*Leperiditia*" *japonica*: Shikama, 1964 [PA7279]

MESOZOIC CRUSTACEA

Aeger insignis: Masutomi and Hamada, 1966 [MA17434]

Callianassa faiyasi: Masutomi and Hamada, 1966 [MA17470]

Eryma modestiformis: Masutomi and Hamada, 1966 [MA17375]

Eryon arctiformis: Masutomi and Hamada, 1966 [MA17431]

Euestheria minuta: Masutomi and Hamada, 1966 [MA17361]

Linuparus japonicus: Sasai, 1936 [MA7970], Masutomi and Hamada, 1966 [MA7970]

Peneus speciosa: Masutomi and Hamada, 1966 [MA17433]

Tetrachela raibiana: Masutomi and Hamada, 1966 [MA17360]

CENOZOIC CRUSTACEA

Acanthocythereis ? sp.: Yajima, Hanai and Ikeya, 1985 [CA16643]

Acanthocythereis tsurugasakensis: Tabuki, 1986 [CA15855-15859]

Ambostracon kitanipponica: Tabuki, 1986 [CA15812-15815]

Ambostracon sp. 1: Tabuki, 1986 [CA15816]

Ambostracon sp. 2: Tabuki, 1986 [CA15817]

Argillocia sp.: Tabuki, 1986 [CA15742,15743]

Buntonia hayamii: Tabuki, 1986 [CA15864-15868]

Bicornucythere bisanensis: Okada, 1982 [CA15340]

Callistocythere japonica: Shikama, 1964 [CA2572,2573]

Callistocythere nipponica: Shikama, 1964 [CA2541]

Callistocythere sp.: Tabuki, 1986 [CA15757,15758]

Callistocythere undulatifascialis: Shikama, 1964 [CA2563]

Celtia sp.: Tabuki, 1986 [CA15862,15863]

Cluthia japonica: Tabuki, 1986 [CA15759-15762]

ARTHROPODA

Cenozoic Crustacea (continued)

- Cornucoquimba alata*: Tabuki, 1986 [CA15851-15854]
Cythere lutea uranipponica: Shikama, 1964 [CA3337]
Cytheropteron sp. 1: Tabuki, 1986 [CA15916]
Cytheropteron sp. 2: Tabuki, 1986 [CA15917]
Cytheropteron sp. 3: Tabuki, 1986 [CA15918,15919]
Cytheropteron tsugaruense: Tabuki, 1986 [CA15914,15915]
Cytheropteron yajimai: Tabuki, 1986 [CA15912,15913]
Cytherura ? *miii*: Yajima, Hanai and Ikeya, 1985 [CA16644]
Cytherurinae gen. and sp. indet.: Tabuki, 1986 [CA15911]
Finmarchinella (Barentsovia) daishakaensis: Tabuki, 1986 [CA15837-15846]
Finmarchinella (Barentsovia) sp.: Tabuki, 1986 [CA15847]
Finmarchinella (Finmarchinella) rectangulata: Tabuki, 1986 [CA15825-15836]
Finmarchinella sp.: Tabuki, 1986 [CA15848,15849,15859]
Elofsonella concinna: Tabuki, 1986 [CA15772,15773]
Eucythere sp. 1: Tabuki, 1986 [CA15747]
Eucythere sp. 2: Tabuki, 1986 [CA15748]
Hemicytherura sp.: Tabuki, 1986 [CA15899,15900]
Howeina ? sp.: Tabuki, 1986 [CA15901]
Kangarina yamaguchi: Tabuki, 1986 [CA15920-15922]
Kotoracythere sp.: Tabuki, 1986 [CA15754,15755]
Krithe aff. *bartomensis*: Shikama, 1964 [CA2906]
Krithe sawanensis: Shikama, 1964 [CA2912]
Lobocarcinus paulio-württembergensis: Masutomi and Hamada, 1966 [CA17497]
Loxoconcha ozawai: Tabuki, 1986 [CA15924,15925]
Loxoconcha sp.: Tabuki, 1986 [CA15926,15927]
Loxocythere inflata: Shikama, 1964 [CA3346]
Munseyella sp.: Tabuki, 1986 [CA15756]
Murrayina japonica: Tabuki, 1986 [CA15860,15861]
Neocytherideis ? sp.: Tabuki, 1986 [CA15744]
Nippónocythere sp.: Tabuki, 1986 [CA15928,15929]
Normanicythere japonica: Tabuki, 1986 [CA15774-15777]
Paijenborchella hanaii: Tabuki, 1986 [CA15768-15771]
Paijenborchella tsurugasakensis: Tabuki, 1986 [CA15764-15767]
Palagonacythere robusta: Tabuki, 1986 [CA15818-15824]

ARTHROPODA

Cenozoic Crustacea (continued)

- Paracytheridea* sp.: Tabuki, 1986 [CA15923]
Paradoxostoma sp. 1: Tabuki, 1986 [CA15933]
Paradoxostoma sp. 2: Tabuki, 1986 [CA15934]
Pectocythere daishakaensis: Tabuki, 1986 [CA15749-15753]
Pontocythere sp.: Tabuki, 1986 [CA15745,15746]
Propontocypris sp.: Tabuki, 1986 [CA15741]
Robertsonites hanaii: Tabuki, 1986 [CA15869-15876]
Robertsonites reticuliforma: Tabuki, 1986 [CA15877-15886]
Robertsonites sp. 1: Tabuki, 1986 [CA15896,15897]
Robertsonites sp. 2: Tabuki, 1986 [CA15898]
Robertsonites tsugaruana: Tabuki, 1986 [CA15887-15895]
Schizocythere sp.: Tabuki, 1986 [CA15763]
Sclerochilus sp. 1: Tabuki, 1986 [CA15935]
Sclerochilus sp. 2: Tabuki, 1986 [CA15936]
Semicytherura ? *daishakaensis*: Tabuki, 1986 [CA15909,15910]
Semicytherura sp. 1: Tabuki, 1986 [CA15902,15903]
Semicytherura sp. 2: Tabuki, 1986 [CA15904]
Semicytherura sp. 3: Tabuki, 1986 [CA15905]
Semicytherura sp. 4: Tabuki, 1986 [CA15906]
Semicytherura sp. 5: Tabuki, 1986 [CA15907]
Semicytherura sp. 6: Tabuki, 1986 [CA15908]
Tanella miurensis: Shikama, 1964 [CA2582]
Urocythere ? *gorokuensis*: Tabuki, 1986 [CA15778-15791]
Urocythereis ? *abei*: Tabuki, 1986 [CA15792-15802]
Urocythereis ? *posterocostata*: Tabuki, 1986 [CA15803-15810]
Urocythereis ? sp.: Tabuki, 1986 [CA15811]
Xestoleberis sp. 1: Tabuki, 1986 [CA15930]
Xestoleberis sp. 2: Tabuki, 1986 [CA15931]
Xestoleberis sp. 3: Tabuki, 1986 [CA15932]

RECENT CRUSTACEA

- Bicornucythere bisanensis*: Okada, 1982 [RA15339]
Cythere omotenipponica: Shikama, 1964 [RA3338]
Neocyprideis pseudadonta: Shikama, 1964 [RA2901,2903]

ARTHROPODA - ECHINODERMATA

MESOZOIC INSECTA

Aechna gigantea: Masutomi and Hamada, 1966 [MA17436]

Pycnophlebia speciosa: Masutomi and Hamada, 1966 [MA17399]

CENOZOIC INSECTA

Mizalia rostrata: Masutomi and Hamada, 1966 [CA17483]

ECHINODERMATA

PALEOZOIC CYSTOIDEA

Cystidean plate: Kobayashi and Hamada, 1964 [PE4963]

Plumulites malayensis: Kobayashi and Hamada, 1978a [PE18042]

PALEOZOIC BLASTOIDEA

Pentremites godni: Masutomi and Hamada, 1966 [PE17331]

PALEOZOIC CRINOIDEA

Barycrinus princeps: Masutomi and Hamada, 1966 [PE17329]

Gyathocrinites rugosus: Masutomi and Hamada, 1966 [PE17246]

Moscovicrinus multiplex: Masutomi and Hamada, 1966 [PE17332]

Parisocrinus sp.: Masutomi and Hamada, 1966 [PE17292]

MESOZOIC CRINOIDEA

Antedon pinnata: Masutomi and Hamada, 1966 [ME17426]

Encrienus granulosus: Masutomi and Hamada, 1966 [ME17358]

Encrienus lilliiformis: Masutomi and Hamada, 1966 [ME17352]

Entrachus (?) sp.: Kobayashi, 1963c [ME16201]

Isocrinus (Chladocrinus) hanaii: Oji, 1985 [ME6936-6964]

Isocrinus (Chladocrinus) sp. cf. *Isocrinus* ? *neocomiensis*: Oji, 1985
[ME6965-6974]

Isocrinus sp.: Masutomi and Hamada, 1966 [ME6945]

Mittericrinus aculeatus: Masutomi and Hamada, 1966 [ME17423]

Pentacrinites basaltiformis: Masutomi and Hamada, 1966 [ME17398]

Pentacrinus sp.: Shikama, 1964 [ME4837]

Pseudosaccocoma japonica: Shikama, 1943 [ME70-1], Shikama, 1952 [ME7031],
Shikama, 1964 [ME7031]

ECHINODERMATA - HEMICORDATA

PALEOZOIC ECHINOIDEA

Melonechinus multiporus: Masutomi and Hamada, 1966 [PE17330]

MESOZOIC ECHINOIDEA

Anabchites ovatus: Masutomi and Hamada, 1966 [ME17477]

Cidaris alata: Masutomi and Hamada, 1966 [ME17364]

Cidaris dorsata: Masutomi and Hamada, 1966 [ME17362]

Cidaris flexuosa: Masutomi and Hamada, 1966 [ME17366]

Cidaris roemeri: Masutomi and Hamada, 1966 [ME17365]

Cidaris scrobiculata: Masutomi and Hamada, 1966 [ME17363]

Clypeus ploti: Masutomi and Hamada, 1966 [ME17374]

Echinocorys scutatus: Masutomi and Hamada, 1966 [ME17472]

Micraster sp.: Sasai, 1936 [ME7974, 7976]

Peltastes umbrella: Masutomi and Hamada, 1966 [ME17476]

CENOZOIC ECHINOIDEA

Astryctypleus manni ambigenus: Shikama, 1943 [CE13381], Shikama, 1952
[CE13381]

Echinorachnus mirabilis: Oinomikado and Ikebe, 1937 [CE11607]

PALEOZOIC ASTEROIDEA

Encrinaster (Aspidosoma) tischbeiniana: Masutomi and Hamada, 1966 [PE17303]

PALEOZOIC OPHIUROIDEA

Stephanoura sp.: Masutomi and Hamada, 1966 [PE17301]

MESOZOIC OPHIUROIDEA

Ophiura speciosa: Masutomi and Hamada, 1966 [ME17427]

HEMICORDATA

PALEOZOIC GRAPTOLITHINA

Climacograptus scalaris: Masutomi and Hamada, 1966 [PH17239]

Climacograptus sp.: Kobayashi, Jones and Hamada, 1964 [PH4982i, 4982j,
4982k, 4984]

Didymograptus gensinus: Masutomi and Hamada, 1966 [PH17255]

HEMICORDATA - VERTEBRATA

Paleozoic Graptolithina (continued)

- Diplograptus (Amplexograptus) perexcavatus*: Shikama, 1943 [PH0511], Shikama, 1952 [PH0511]
Diplograptus pristis: Masutomi and Hamada, 1966 [PH17229]
Monograptus sp. indet.: Kobayashi and Hamada, 1968 [PH4990]
Monograptus (Spirograptus) tyrriculatus: Masutomi and Hamada, 1966 [PH17240]
Phyllograptus typus: Masutomi and Hamada, 1966 [PH17254]
Retiolites geinitzianus: Masutomi and Hamada, 1966 [PH17241]

VERTEBRATA

PALEOZOIC VERTEBRATA

- Bothriolepis canadense*: Masutomi and Hamada, 1966 [PV17295]
Helicoprion bessonowi: Shikama, 1943 [PV7477], Shikama, 1952 [PV7477], Shikama, 1964 [PV7477], Masutomi and Hamada, 1966 [PV7477]
Mesacanthus mechelli: Masutomi and Hamada, 1966 [PV17296]
Osteolepis macrolepidotus: Masutomi and Hamada, 1966 [PV17302]

MESOZOIC VERTEBRATA

- Chirotherium barthi*: Masutomi and Hamada, 1966 [MV17473]
Homaeosaurus maximiliani: Masutomi and Hamada, 1966 [MV17430]
Hydrotherosaurus sp.: Masutomi and Hamada, 1966 [MV17471]
Leptolepis spratiformis: Masutomi and Hamada, 1966 [MV17424]
Pholidophorus bechei: Masutomi and Hamada, 1966 [MV17396]
Pholidopleurus typus: Masutomi and Hamada, 1966 [MV17359]
Plesiosauria gen. and sp. indet.: Kobayashi, Takai and Hayami, 1963 [MV15936]
"Plesiosaurus" sp.: Masutomi and Hamada, 1966 [MV17422]
Pterodactylus longirostris: Masutomi and Hamada, 1966 [MV17429]
Sasilemys sp.: Sasai, 1936 [MV7980]
Scombroclupea macrophthalmia: Masutomi and Hamada, 1966 [MV17478]
Tygolampis gigantea: Masutomi and Hamada, 1966 [MV17428]

CENOZOIC VERTEBRATA

- Amygdodon watanabei*: Shikama, 1952 [CV6187], Shikama, 1964 [CV6187]
Andrias tschudii: Masutomi and Hamada, 1966 [CV17499]
"Anthracothema" tsuchuyai: Shikama, 1964 [CV6189]

VERTEBRATA

Cenozoic Vertebrata (continued)

- Avitolabrax denticulatus*: Shikama, 1964 [CV6142]
Bos primigenius: Matsumoto, 1915b [CV13821,13822]
Carcharodon megalodon: Masutomi and Hamada, 1966 [CV17490]
Cervus (Pseudaxis) hortulorum: Matsumoto, 1915b [CV13818]
Chilotherium pugnator: Shikama, 1964 [CV6186]
Clupea tanegashimaensis Saeki, 1929 [CV13829], Shikama, 1964 [CV13829]
Diplocynodon hantoniensis: Masutomi and Hamada, 1966 [CV17498]
Elaphurus davidianus: Matsumoto, 1915b [CV13819,13820]
Elephas aff. primigenius: Matsumoto, 1915b [CV13815]
Elephas (Euelephas) antiquus: Nrauns, 1883 [CV6191]
Equus leptostylus: Matsumoto, 1915b [CV13816]
Globicephalus uncidens: Masutomi and Hamada, 1966 [CV17501]
Hemipristis serra: Masutomi and Hamada, 1966 [CV17492,17493]
Homo sp.: Matsumoto, 1915b [CV13823]
Hyaena ultima: Matsumoto, 1915a [CV13811]
Iquius nipponicus: Masutomi and Hamada, 1966 [CV17495]
Izuus nakamurai: Masutomi and Hamada, 1966 [CV13804]
Leuciscus tarsiger: Masutomi and Hamada, 1966 [CV17496]
Mammuthus primigenius: Masutomi and Hamada, 1966 [CV17503]
Myliobatis dixoni: Masutomi and Hamada, 1966 [CV17494]
Palaeoloxodon aomoriensis: Shikama, 1952 [CV6008], Shikama, 1964 [CV6008]
Palaeoloxodon naumanni: Masutomi and Hamada, 1966 [CV6003]
Palaeotapirus yagii: Shikama, 1952 [CV6185], Shikama, 1964 [CV6185]
Parastegodon akashiensis: Shikama, 1943 [CV6007], Shikama, 1952 [CV6007],
Shikama, 1964 [CV6007], Masutomi and Hamada, 1966 [CV6007]
Protitanotherium koreanicum: Masutomi and Hamada, 1966 [CV6028,6029]
Raia antiqua: Masutomi and Hamada, 1966 [CV17500]
Shark teeth: Masutomi and Hamada, 1966 [CV10544]
Stegodon orientalis: Matsumoto, 1915a [CV13812,13813], Tokunaga and Iizuka,
1930 [CV8207], Masutomi and Hamada, 1966 [CV8207]
Stegodon sinensis: Matsumoto, 1915a [CV13814], Shikama, 1943 [CV13814],
Shikama, 1952 [CV13814], Shikama, 1964 [CV13814]
Striatolamia cuspidata: Masutomi and Hamada, 1966 [CV17491]
Sus ssp. scrofa: Matsumoto, 1915b [CV13817]
Teleoceras (Brachypotherium) pugnator: Shikama, 1952 [CV6186]