

CONTENTS

	Page
Preface.....	355
Chapter I. Stratigraphy of the McKay group and EVANS' Collection of its Fossils.....	361
Chapter II. The Ages of the Ordovician Faunas in the McKay Group	370
Chapter III. The Bearing of the McKay Faunas on the Palaeogeography	379
A. The Relation of the McKay Faunas to the Arctic ones	379
B. The Relation of the McKay Faunas to the Atlantic ones	383
C. The Relation of the McKay Faunas to the Andean ones.....	390
D. A brief Note on the Relation of the McKay Faunas to the Western Pacific ones	396
Chapter IV. Summary and Conclusion	398
Chapter V. Description of Fossils	403
Phylum Mollusca, Class Gastropoda.....	404
Genus <i>Eobucania</i> KOBAYASHI, nov.....	404
② PM2108 - 1. <i>Eobucania pulchra</i> KOBAYASHI, nov., I, 1-a.....	404
PM2109 - Genus <i>Raphistomina</i> ULRICH and SCOFIELD, 1897.	
PM2110 - 2. <i>Raphistomina sinclairensis</i> KOBAYASHI, nov., I, 2a-c, 3.....	405
PM2111 - 3. <i>Raphistomina sinclairensis</i> var. <i>acuta</i> KOBAYASHI, nov., I, 4a-b	406
③ PM2112 - Genus <i>Burnesella</i> BRIDGE and CLOUD, 1947.	
④ PM2113 - 4. <i>Burnesella tympana</i> KOBAYASHI, nov., I 5a-c.....	406
Genus <i>Ozarkispira</i> WALCOTT, 1924.	
5. <i>Ozarkispira leo</i> WALCOTT, I, 6a-c.....	408
6. <i>Ozarkispira</i> sp. indt.	408
Genus <i>Lytospira</i> KOKEN, 1896.	
7. <i>Lytospira mediosulcata</i> KOBAYASHI, nov., I, 7a-c.....	408
Class Cephalopoda, Order Nautiloidea	
Family Robsonoceratidae ULRICH, FOERSTE, MILLER and UNKELSBY, 1944.	
Genus <i>Robsonoceras</i> ULRICH and FOERSTE, 1936.	
PM2115 - 8. <i>Robsonoceras</i> sp., I, 8a-c	409
Phylum Arthropoda, Class Trilobita.....	410
Subclass Polymera JAEKEL, 1909, Order Redlichida RICHTER, 1932.	
Family Kainellidae ULRICH and RESSER, 1930.....	412
Subfamily Kainellinae KOBAYASHI, 1953.	
Genus <i>Kainella</i> WALCOTT, 1924.	
PA2116 - 9. <i>Kainella kindlei</i> KOBAYASHI, nov., II, 1.....	413
Subfamily Apatokephalinae KOBAYASHI, 1953.	
Genus <i>Apatokephalus</i> BRÖGGER, 1897.	
PA2117 - 10. <i>Apatokephalus canadensis</i> KOBAYASHI, II, 2.....	414
Family Pliomeridae RAYMOND, 1913.....	414
Genus <i>Protopliomerops</i> KOBAYASHI, 1934.	
PA2118 - 11. <i>Protopliomerops subquadratus</i> KOBAYASHI, nov., II, 3-4.....	414
PA2119 - 12. <i>Protopliomerops radiatus</i> KOBAYASHI, nov., II, 5a-b, 6.....	416
PA2120 - 13. <i>Protopliomerops longispinus</i> KOBAYASHI, nov., II, 7.....	417
Genus <i>Tesselacauda</i> ROSS, 1951.	
PA2123 - 14. <i>Tesselacauda flabella</i> KOBAYASHI, nov., II, 8a-b.....	417

2108 - 2254

東京大学総合研究資料館

72

東京都文京区本郷7-3-1

Order Corynexochida KOBAYASHI, 1935.	
Family Telephidae ANGELIN, 1854.....	418
Genus <i>Telephus</i> BARRANDE, 1852.....	419
PA2124 15. <i>Telephus pacificus</i> KOBAYASHI, nov., II, 9a-b, 10.....	419
Family Leiostegidiidae BRADLEY, 1925.	
Subfamiliy Leiostegiinae KOBAYASHI, 1935.	
Genus <i>Leiostegium</i> RAYMOND, 1913.	
Subgenus <i>Evansaspis</i> KOBAYASHI, nov.	420
16. <i>Leiostegium (Evansaspis) glabrum</i> KOBAYASHI, nov., II, 11-17.....	421
Order Dikelocephalida KOBAYASHI, 1935.	
Family Asaphiscidae RAYMOND, 1924.	
Genus <i>Hyperbolochilus</i> ROSS, 1951.	
PA2133 17. <i>Hyperbolochilus expansus</i> KOBAYASHI, nov., III, 1	422
Family Nileidae ANGELIN, 1854.....	424
PA2134 18. Genus and species indt., V, 20-21	425
Family Asaphidae BURMEISTER, 1843.....	425
Subfamily Symphysurininae KOBAYASHI, nov.	426
PA2136 PA2137 Genus <i>Symphysurina</i> ULRICH, 1924.....	429
Subgenus <i>Symphysurina</i> KOBAYASHI, nov.	
PA2138 19. <i>Symphysurina (Symphysurina) spicata</i> ULRICH, III, 8-9	430
20. <i>Symphysurina (Symphysurina) spicata</i> var. <i>eugenia</i> WALCOTT, III, 22	430
PA2139 21. <i>Symphysurina (Symphysurina)</i> cfr. <i>corlissensis</i> (RAYMOND), VII, 22a-b.....	431
Subgenus <i>Symphysuroides</i> RAYMOND, 1937.....	431
PA2143 22. <i>Symphysurina (Symphysuroides) elegans</i> POULSEN, III, 19-21	432
PA2144 23. <i>Symphysurina (Symphysuroides) expansa</i> KOBAYASHI, nov., III, 6a-b, 7	432
PA2149-10 PA2150 24. <i>Symphysurina (Symphysuroides)</i> cfr. <i>brevispicata</i> HINTZE, III, 15-18	433
PA2151-12 PA2152-13 25. <i>Symphysurina</i> a and b spp., III, 10-14.....	433
PA2153-14 Subfamily Ogygiocarinae RAYMOND and WALCOTT, 1913.....	434
PA2154-21 PA2155-46 Genus <i>Bellefontia</i> ULRICH, 1924.....	434
PA2156-47 PA2157-52 26. <i>Bellefontia platana</i> ULRICH, III, 2-5.....	436
PA2158-53 PA2159-54 27. <i>Bellefontia</i> (?) aff. <i>collieana</i> (RAYMOND), V, 4-5.....	436
PA2161-11 PA2162-12 28. <i>Bellefontia</i> (?) sp., V, 6.....	437
PA2163-31 PA2164-13 Genus <i>Asaphellus</i> CALLAWAY, 1877.....	437
PA2165-14 PA2166-15 29. <i>Asaphellus</i> (?) <i>canadensis</i> KOBAYASHI, nov., V, 1-3	438
PA2167-16 PA2168-17 Genus <i>Xenostegium</i> WALCOTT, 1924.....	439
PA2169-18 PA2170-19 Genus <i>Kobayashia</i> HARRINGTON, 1938.....	440
PA2181 30. <i>Kobayashia lanceolata</i> KOBAYASHI, nov., IV, 1-3	441
PA2182 Genus <i>Kayseraspis</i> HARRINGTON, 1938.....	
PA2183 31. <i>Kayseraspis</i> (?) <i>euclides</i> (WALCOTT), IV, 4-12, V, (8-10) (?) 22-23	442
PA2184-12 PA2185-13 32. <i>Kayseraspis</i> (?) sp., IV, 13-14.....	444
PA2186-14 PA2187-15 Genus <i>Columbicephalus</i> KOBAYASHI, nov.	444
PA2188-16 PA2189-17 33. <i>Columbicephalus macrops</i> KOBAYASHI, nov., V, 7a-b	444
PA2190-18 PA2191-19 Subfamily Asaphinae GÜRICH, 1908.....	
PA2192-20 PA2193-21 Genus <i>Kirkella</i> KOBAYASHI, 1942.....	
PA2194-22 PA2195-23 34. <i>Kirkella</i> cfr. <i>vigilans</i> (WHITTINGTON), V, 12-17, VIII, 6.....	445
PA2196-24 PA2197-25 Genus <i>Protopresbynileus</i> HINTZE, 1954.....	445
PA2198-26 PA2199-27 35. <i>Protopresbynileus</i> (?) aff. <i>willdeni</i> HINTZE, V, 18-19, VIII, 15.....	446
PA2200-28 PA2201-29 Family <i>Bathyuridae</i> WALCOTT, 1886.....	
PA2126-11 PA2127-12 PA2128-13 PA2129-14 PA2130-15 PA2131-16 PA2132-17 PA2133-18 PA2134-19 PA2135-20 PA2136-21 PA2137-22 PA2138-23 PA2139-24 PA2140-25 PA2141-26 PA2142-27 PA2143-28 PA2144-29 PA2145-30 PA2146-31 PA2147-32 PA2148-33 PA2149-34 PA2150-35 PA2151-36 PA2152-37 PA2153-38 PA2154-39 PA2155-40 PA2156-41 PA2157-42 PA2158-43 PA2159-44 PA2160-45 PA2161-46 PA2162-47 PA2163-48 PA2164-49 PA2165-50 PA2166-51 PA2167-52 PA2168-53 PA2169-54 PA2170-55 PA2171-56 PA2172-57 PA2173-58 PA2174-59 PA2175-60 PA2176-61 PA2177-62 PA2178-63 PA2179-64 PA2180-65 PA2181-66 PA2182-67 PA2183-68 PA2184-69 PA2185-70 PA2186-71 PA2187-72 PA2188-73 PA2189-74 PA2190-75 PA2191-76 PA2192-77 PA2193-78 PA2194-79 PA2195-80 PA2196-81 PA2197-82 PA2198-83 PA2199-84 PA2200-85 PA2201-86 PA2202-87 PA2203-88 PA2204-89 PA2205-90 PA2206-91 PA2207-92 PA2208-93 PA2209-94 PA2210-95 PA2211-96 PA2212-97 PA2213-98 PA2214-99 PA2215-100 PA2216-101 PA2217-102 PA2218-103 PA2219-104 PA2220-105 PA2221-106 PA2222-107 PA2223-108 PA2224-109 PA2225-110 PA2226-111 PA2227-112 PA2228-113 PA2229-114 PA2230-115 PA2231-116 PA2232-117 PA2233-118 PA2234-119 PA2235-120 PA2236-121 PA2237-122 PA2238-123 PA2239-124 PA2240-125 PA2241-126 PA2242-127 PA2243-128 PA2244-129 PA2245-130 PA2246-131 PA2247-132 PA2248-133 PA2249-134 PA2250-135 PA2251-136 PA2252-137 PA2253-138 PA2254-139 PA2255-140 PA2256-141 PA2257-142 PA2258-143 PA2259-144 PA2260-145 PA2261-146 PA2262-147 PA2263-148 PA2264-149 PA2265-150 PA2266-151 PA2267-152 PA2268-153 PA2269-154 PA2270-155 PA2271-156 PA2272-157 PA2273-158 PA2274-159 PA2275-160 PA2276-161 PA2277-162 PA2278-163 PA2279-164 PA2280-165 PA2281-166 PA2282-167 PA2283-168 PA2284-169 PA2285-170 PA2286-171 PA2287-172 PA2288-173 PA2289-174 PA2290-175 PA2291-176 PA2292-177 PA2293-178 PA2294-179 PA2295-180 PA2296-181 PA2297-182 PA2298-183 PA2299-184 PA2300-185 PA2301-186 PA2302-187 PA2303-188 PA2304-189 PA2305-190 PA2306-191 PA2307-192 PA2308-193 PA2309-194 PA2310-195 PA2311-196 PA2312-197 PA2313-198 PA2314-199 PA2315-200 PA2316-201 PA2317-202 PA2318-203 PA2319-204 PA2320-205 PA2321-206 PA2322-207 PA2323-208 PA2324-209 PA2325-210 PA2326-211 PA2327-212 PA2328-213 PA2329-214 PA2330-215 PA2331-216 PA2332-217 PA2333-218 PA2334-219 PA2335-220 PA2336-221 PA2337-222 PA2338-223 PA2339-224 PA2340-225 PA2341-226 PA2342-227 PA2343-228 PA2344-229 PA2345-230 PA2346-231 PA2347-232 PA2348-233 PA2349-234 PA2350-235 PA2351-236 PA2352-237 PA2353-238 PA2354-239 PA2355-240 PA2356-241 PA2357-242 PA2358-243 PA2359-244 PA2360-245 PA2361-246 PA2362-247 PA2363-248 PA2364-249 PA2365-250 PA2366-251 PA2367-252 PA2368-253 PA2369-254 PA2370-255 PA2371-256 PA2372-257 PA2373-258 PA2374-259 PA2375-260 PA2376-261 PA2377-262 PA2378-263 PA2379-264 PA2380-265 PA2381-266 PA2382-267 PA2383-268 PA2384-269 PA2385-270 PA2386-271 PA2387-272 PA2388-273 PA2389-274 PA2390-275 PA2391-276 PA2392-277 PA2393-278 PA2394-279 PA2395-280 PA2396-281 PA2397-282 PA2398-283 PA2399-284 PA2400-285 PA2401-286 PA2402-287 PA2403-288 PA2404-289 PA2405-290 PA2406-291 PA2407-292 PA2408-293 PA2409-294 PA2410-295 PA2411-296 PA2412-297 PA2413-298 PA2414-299 PA2415-300 PA2416-301 PA2417-302 PA2418-303 PA2419-304 PA2420-305 PA2421-306 PA2422-307 PA2423-308 PA2424-309 PA2425-310 PA2426-311 PA2427-312 PA2428-313 PA2429-314 PA2430-315 PA2431-316 PA2432-317 PA2433-318 PA2434-319 PA2435-320 PA2436-321 PA2437-322 PA2438-323 PA2439-324 PA2440-325 PA2441-326 PA2442-327 PA2443-328 PA2444-329 PA2445-330 PA2446-331 PA2447-332 PA2448-333 PA2449-334 PA2450-335 PA2451-336 PA2452-337 PA2453-338 PA2454-339 PA2455-340 PA2456-341 PA2457-342 PA2458-343 PA2459-344 PA2460-345 PA2461-346 PA2462-347 PA2463-348 PA2464-349 PA2465-350 PA2466-351 PA2467-352 PA2468-353 PA2469-354 PA2470-355 PA2471-356 PA2472-357 PA2473-358 PA2474-359 PA2475-360 PA2476-361 PA2477-362 PA2478-363 PA2479-364 PA2480-365 PA2481-366 PA2482-367 PA2483-368 PA2484-369 PA2485-370 PA2486-371 PA2487-372 PA2488-373 PA2489-374 PA2490-375 PA2491-376 PA2492-377 PA2493-378 PA2494-379 PA2495-380 PA2496-381 PA2497-382 PA2498-383 PA2499-384 PA2500-385 PA2501-386 PA2502-387 PA2503-388 PA2504-389 PA2505-390 PA2506-391 PA2507-392 PA2508-393 PA2509-394 PA2510-395 PA2511-396 PA2512-397 PA2513-398 PA2514-399 PA2515-400 PA2516-401 PA2517-402 PA2518-403 PA2519-404 PA2520-405 PA2521-406 PA2522-407 PA2523-408 PA2524-409 PA2525-410 PA2526-411 PA2527-412 PA2528-413 PA2529-414 PA2530-415 PA2531-416 PA2532-417 PA2533-418 PA2534-419 PA2535-420 PA2536-421 PA2537-422 PA2538-423 PA2539-424 PA2540-425 PA2541-426 PA2542-427 PA2543-428 PA2544-429 PA2545-430 PA2546-431 PA2547-432 PA2548-433 PA2549-434 PA2550-435 PA2551-436 PA2552-437 PA2553-438 PA2554-439 PA2555-440 PA2556-441 PA2557-442 PA2558-443 PA2559-444 PA2560-445 PA2561-446 PA2562-447 PA2563-448 PA2564-449 PA2565-450 PA2566-451 PA2567-452 PA2568-453 PA2569-454 PA2570-455 PA2571-456 PA2572-457 PA2573-458 PA2574-459 PA2575-460 PA2576-461 PA2577-462 PA2578-463 PA2579-464 PA2580-465 PA2581-466 PA2582-467 PA2583-468 PA2584-469 PA2585-470 PA2586-471 PA2587-472 PA2588-473 PA2589-474 PA2590-475 PA2591-476 PA2592-477 PA2593-478 PA2594-479 PA2595-480 PA2596-481 PA2597-482 PA2598-483 PA2599-484 PA2600-485 PA2601-486 PA2602-487 PA2603-488 PA2604-489 PA2605-490 PA2606-491 PA2607-492 PA2608-493 PA2609-494 PA2610-495 PA2611-496 PA2612-497 PA2613-498 PA2614-499 PA2615-500 PA2616-501 PA2617-502 PA2618-503 PA2619-504 PA2620-505 PA2621-506 PA2622-507 PA2623-508 PA2624-509 PA2625-510 PA2626-511 PA2627-512 PA2628-513 PA2629-514 PA2630-515 PA2631-516 PA2632-517 PA2633-518 PA2634-519 PA2635-520 PA2636-521 PA2637-522 PA2638-523 PA2639-524 PA2640-525 PA2641-526 PA2642-527 PA2643-528 PA2644-529 PA2645-530 PA2646-531 PA2647-532 PA2648-533 PA2649-534 PA2650-535 PA2651-536 PA2652-537 PA2653-538 PA2654-539 PA2655-540 PA2656-541 PA2657-542 PA2658-543 PA2659-544 PA2660-545 PA2661-546 PA2662-547 PA2663-548 PA2664-549 PA2665-550 PA2666-551 PA2667-552 PA2668-553 PA2669-554 PA2670-555 PA2671-556 PA2672-557 PA2673-558 PA2674-559 PA2675-560 PA2676-561 PA2677-562 PA2678-563 PA2679-564 PA2680-565 PA2681-566 PA2682-567 PA2683-568 PA2684-569 PA2685-570 PA2686-571 PA2687-572 PA2688-573 PA2689-574 PA2690-575 PA2691-576 PA2692-577 PA2693-578 PA2694-579 PA2695-580 PA2696-581 PA2697-582 PA2698-583 PA2699-584 PA2700-585 PA2701-586 PA2702-587 PA2703-588 PA2704-589 PA2705-590 PA2706-591 PA2707-592 PA2708-593 PA2709-594 PA2710-595 PA2711-596 PA2712-597 PA2713-598 PA2714-599 PA2715-600 PA2716-601 PA2717-602 PA2718-603 PA2719-604 PA2720-605 PA2721-606 PA2722-607 PA2723-608 PA2724-609 PA2725-610 PA2726-611 PA2727-612 PA2728-613 PA2729-614 PA2730-615 PA2731-616 PA2732-617 PA2733-618 PA2734-619 PA2735-620 PA2736-621 PA2737-622 PA2738-623 PA2739-624 PA2740-625 PA2741-626 PA2742-627 PA2743-628 PA2744-629 PA2745-630 PA2746-631 PA2747-632 PA2748-633 PA2749-634 PA2750-635 PA2751-636 PA2752-637 PA2753-638 PA2754-639 PA2755-640 PA2756-641 PA2757-642 PA2758-643 PA2759-644 PA2760-645 PA2761-646 PA2762-647 PA2763-648 PA2764-649 PA2765-650 PA2766-651 PA2767-652 PA2768-653 PA2769-654 PA2770-655 PA2771-656 PA2772-657 PA2773-658 PA2774-659 PA2775-660 PA2776-661 PA2777-662 PA2778-663 PA2779-664 PA2780-665 PA2781-666 PA2782-667 PA2783-668 PA2784-669 PA2785-670 PA2786-671 PA2787-672 PA2788-673 PA2789-674 PA2790-675 PA2791-676 PA2792-677 PA2793-678 PA2794-679 PA2795-680 PA2796-681 PA2797-682 PA2798-683 PA2799-684 PA2800-685 PA2801-686 PA2802-687 PA2803-688 PA2804-689 PA2805-690 PA2806-691 PA2807-692 PA2808-693 PA2809-694 PA2810-695 PA2811-696 PA2812-697 PA2813-698 PA2814-699 PA2815-700 PA2816-701 PA2817-702 PA2818-703 PA2819-704 PA2820-705 PA2821-706 PA2822-707 PA2823-708 PA2824-709 PA2825-710 PA2826-711 PA2827-712 PA2828-713 PA2829-714 PA2830-715 PA2831-716 PA2832-717 PA2833-718 PA2834-719 PA2835-720 PA2836-721 PA2837-722 PA2838-723 PA2839-724 PA2840-725 PA2841-726 PA2842-727 PA2843-728 PA2844-729 PA2845-730 PA2846-731 PA2847-732 PA2848-733 PA2849-734 PA2850-735 PA2851-736 PA2852-737 PA2853-738 PA2854-739 PA2855-740 PA2856-741 PA2857-742 PA2858-743 PA2859-744 PA2860-745 PA2861-746 PA2862-747 PA2863-748 PA2864-749 PA2865-750 PA2866-751 PA2867-752 PA2868-753 PA2869-754 PA2870-755 PA2871-756 PA2872-757 PA2873-758 PA2874-759 PA2875-760 PA2876-761 PA2877-762 PA2878-763 PA2879-764 PA2880-765 PA2881-766 PA2882-767 PA2883-768 PA2884-769 PA2885-770 PA2886-771 PA2887-772 PA2888-773 PA2889-774 PA2890-775 PA2891-776 PA2892-777 PA2893-778 PA2894-779 PA2895-780 PA2896-781 PA2897-782 PA2898-783 PA2899-784 PA2900-785 PA2901-786 PA2902-787 PA2903-788 PA2904-789 PA2905-790 PA2906-791 PA2907-792 PA2908-793 PA2909-794 PA2910-795 PA2911-796 PA2912-797 PA2913-798 PA2914-799 PA2915-800 PA2916-801 PA2917-802 PA2918-803 PA2919-804 PA2920-805 PA2921-806 PA2922-807 PA2923-808 PA2924-809 PA2925-810 PA2926-811 PA2927-812 PA2928-813 PA2929-814 PA2930-815 PA2931-816 PA2932-817 PA2933-818 PA2934-819 PA2935-820 PA2936-821 PA2937-822 PA2938-823 PA2939-824 PA2940-825 PA2941-826 PA2942-827 PA2943-828 PA2944-829 PA2945-830 PA2946-831 PA2947-832 PA2948-833 PA2949-834 PA2950-835 PA2951-836 PA2952-837 PA2953-838 PA2954-839 PA2955-840 PA2956-841 PA2957-842 PA2958-843 PA2959-844 PA2960-845 PA2961-846 PA2962-847 PA2963-848 PA2964-849 PA2965-850 PA2966-851 PA2967-852 PA2968-853 PA2969-854 PA2970-855 PA2971-856 PA2972-857 PA2973-858 PA2974-859 PA2975-860 PA2976-861 PA2977-862 PA2978-863 PA2979-864 PA2980-865 PA2981-866 PA2982-867 PA2983-868 PA2984-869 PA2985-870 PA2986-871 PA2987-872 PA2988-873 PA2989-874 PA2990-875 PA2991-876 PA2992-877 PA2993-878 PA2994-879 PA2995-880 PA2996-881 PA2997-882 PA2998-883 PA2999-884 PA3000-885 PA3001-886 PA3002-887 PA3003-888 PA3004-889 PA3005-890 PA3006-891 PA3007-892 PA3008-893 PA3009-894 PA3010-895 PA3011-896 PA3012-897 PA3013-898 PA3014-899 PA3015-900 PA3016-901 PA3017-902 PA3018-903 PA3019-904 PA3020-905 PA3021-906 PA3022-907 PA3023-908 PA3024-909 PA3025-910 PA3026-911 PA3027-912 PA3028-913 PA3029-914 PA3030-915 PA3031-916 PA3032-917 PA3033-918 PA3034-919 PA3035-920 PA3036-921 PA3037-922 PA3038-923 PA3039-924 PA3040-925 PA3041-926 PA3042-927 PA3043-928 PA3044-929 PA3045-930 PA3046-931 PA3047-932 PA3048-933 PA3049-934 PA3050-935 PA3051-936 PA3052-937 PA3053-938 PA3054-939 PA3055-940 PA3056-941 PA3057-942 PA3058-943 PA3059-944 PA3060-945 PA3061-946 PA3062-947 PA3063-948 PA3064-949 PA3065-950 PA3066-951 PA3067-952 PA3068-953 PA3069-954 PA3070-955 PA3071-956 PA3072-957 PA3073-958 PA3074-959 PA3075-960 PA3076-961 PA3077-962 PA3078-963 PA3079-964 PA3080-965 PA3081-966 PA3082-967 PA3083-968 PA3084-969 PA3085-970 PA3086-971 PA3087-972 PA3088-973 PA3089-974 PA3090-975 PA3091-976 PA3092-977 PA3093-978 PA3094-979 PA3095-980 PA3096-981 PA3097-982 PA3098-983 PA3099-984 PA3100-985 PA3101-986 PA3102-987 PA3103-988 PA3104-989 PA3105-990 PA3106-991 PA3107-992 PA3108-993 PA3109-994 PA3110-995 PA3111-996 PA3112-997 PA3113-998 PA3114-999 PA3115-1000	

- Genus *Gonioteloides* KOBAYASHI, nov. 446
36. *Gonioteloides monoceros* KOBAYASHI, nov., VI, 17a-b, 18a-b; VIII, 10 447
37. *Gonioteloides punctatus* KOBAYASHI, nov., VI, 19a-b 448
Genus *Licnocephala* ROSS, 1951.
38. *Licnocephala longa* KOBAYASHI, nov., VI, 16, VIII, 13 448
Genus *Lachnosta* ROSS, 1951.
39. *Lachnosta* (?) sp., V, 11 449
Order Conocoryphida SWINNERTON, 1915.
Family Ptychoparidae MATTHEW, 1887.
Subfamily Eulominae KOBAYASHI, nov. 449
Genus *Eulomella* KOBAYASHI, nov. 450
40. *Eulomella mckayensis* KOBAYASHI, nov., VI, 3, IX, 1 451
Subfamily Elvininae KOBAYASHI, 1935.
Genus *Neotaenicephalus* KOBAYASHI, nov. 451
41. *Neotaenicephalus obsoleta* KOBAYASHI, nov., VI, 12a-b, IX, 9a-b 452
Genus *Vermilionites* KOBAYASHI, nov. 452
42. *Vermilionites bisulcatus* KOBAYASHI, nov., VI, 4, IX, 2 453
Family Solenopleuridae ANGELIN, 1854.
Genus *Hystericurus* RAYMOND, 1913.
43. *Hystericurus platypleurus* KOBAYASHI, nov., VI, 6 454
44. *Hystericurus* cfr. *genalatus* ROSS, VI, 1-2 454
45. *Hystericurus* sp., VI, 8 455
46. *Hystericurus* (?) sp. 455
Genus *Parahystericurus* ROSS, 1951.
47. *Parahystericurus* (?) sp., VI, 7 455
Genus *Clelandia* COSSMANN, 1902 456
48. *Clelandia* (?) sp., VI, 5a-b 456
Genns *Dimeropygiella* ROSS, 1951.
49. *Dimeropygiella eos* KOBAYASHI, VI, 10 456
Family Emmerichellidae KOBAYASHI, 1935.
Genus *Metabourmania* KOBAYASHI, nov. 457
50. *Metabourmania latilimbata* KOBAYASHI, nov., VI, 13, VIII, 9, IX, 7a-b 458
Genus *Amechilus* ROSS, 1951 459
51. *Amechilus tuberculatus* KOBAYASHI, nov., VI, 11 459
Genus *Macrocultiles* KOBAYASHI, nov. 460
52. *Macrocultiles enigmaticus* KOBAYASHI, nov., VI, 14, IX, 6a-b 461
53. *Macrocultiles* (?) sp., VI, 15a-b 462
Family Olenidae BURMEISTER, 1843 462
Subfamily Oleninae KOBAYASHI, 1935.
Genus *Parabolinella* BRÖGGER, 1882.
54. *Parabolinella bisulcata* KOBAYASHI, nov., VII, 18-19 463
Subfamily Leptoplastinae ANGELIN, 1854.
Genus *Sphaerophthalmma* KOBAYASHI, nov. 463
55. *Sphaerophthalmma inexpectans* KOBAYASHI, nov., VII, 10a-b, 11, IX, 12a-b 464
Subfamily Pelturinae HARRINGSTON and LEANZA, 1952.
Genus *Peltura* MILNE-EDWARDS, 1840.
56. *Peltura pacifica* KOBAYASHI, nov., VII, 14-17 465
57. *Peltura caradensis* KOBAYASHI, nov., VII, 20 466

Genus <i>Jujuyaspis</i> KOBAYASHI, 1936.....	466	(PA 2224-12)
58. <i>Jujuyaspis borealis</i> KOBAYASHI, nov., VII, 12, 13a-b.....	467	(PA 2225-13)
Genus <i>Paenebeltella</i> ROSS, 1951.		
59. <i>Paenebeltella convexa</i> KOBAYASHI, nov., VII, 21a-b, VIII, 12.....	468	(PA 2226-21)
Family Raphiophoridae ANGERIN, 1854.		(PA 2227-12)
Genus <i>Amyx</i> DALMAN, 1826.		
60. <i>Amyx walcotti</i> KOBAYASHI, nov., VIII, 1a-b, 2a-b, 3.....	469	(PA 2228-1)
61. <i>Amyx walcotti</i> var. <i>stenorachis</i> KOBAYASHI, nov., VIII, 4a-b, 5.....	470	(PA 2229-2)
62. <i>Amyx</i> a sp. nov., VIII, 21-23.....	470	(PA 2230-3)
63. <i>Amyx</i> b sp. nov., VIII, 18-20.....	471	(PA 2231-4)
Family Shumardiidae LAKE, 1907.	470	(PA 2232-5)
Genus <i>Shumardia</i> BILLINGS, 1865.	470	(PA 2233-6)
64. <i>Shumardia</i> sp., VII, 9.....	471	(PA 2234-7)
Genus <i>Lunaerania</i> KOBAYASHI, nov.....	472	(PA 2235-8)
65. <i>Lunaerania trisecta</i> KOBAYASHI, nov., VII, 8, IX, 10.....	472	(PA 2236-9)
Order and Family uncertain	472	(PA 2237-10)
Genus <i>Rhamphopyge</i> KOBAYASHI, nov.....	472	(PA 2238-11)
(R) 66. <i>Rhamphopyge altipolum</i> KOBAYASHI, nov., VI, 9a-b, IX, 8a-b.....	473	(PA 2239-12)
Subclass Miomera JAEKEL, 1909, Order Agnostida KOBAYASHI, 1935.	473	(PA 2240-13)
Family Agnostidae MCCOY, 1849.	473	(PA 2241-14)
Genus <i>Neoagnostus</i> KOBAYASHI, nov.....	473	(PA 2242-15)
67. <i>Neoagnostus aspidoides</i> KOBAYASHI, nov., VII, 4-5, IX, 5.....	474	(PA 2243-16)
Genus <i>Hyperagnostus</i> KOBAYASHI, nov.....	474	(PA 2244-17)
68. <i>Hyperagnostus binodosus</i> KOBAYASHI, nov., VII, 2-3, IX, 4.....	475	(PA 2245-18)
Genus <i>Geragnostus</i> HOWELL, 1935.		
69. <i>Geragnostus</i> aff. <i>mundus</i> (RAYMOND), VII, 1, VIII, 17.....	475	(PA 2246-19)
Genus <i>Trinodus</i> MCCOY, 1846.		
70. <i>Trinodus priscus</i> KOBAYASHI, nov., VII, 6.....	476	(PA 2247-20)
71. <i>Trinodus tardiformis</i> KOBAYASHI, nov., VII, 7a-b.....	476	(PA 2248-21)
Postscript	478	
Bibliography	479	
Index.....	487	

List of Tables

	Page
Table 1. Relation of the McKay Group to the Glenogle and other Formations ..	361
Table 2. Fossil Horizons in the McKay Creek type section.....	364
Table 3. The <i>Sympysurina</i> Fauna	365
Table 4. The <i>Kainella-Evansaspis</i> Fauna.....	366
Table 5. The <i>Apatocephalus-Peltura</i> Faunule and the asaphid Faunules.....	367
Table 6. The <i>Kirkella-Protopliomerops</i> Fauna and the <i>Telephus</i> Faunule.....	368
Table 7. Correlation of the Fossil Beds in the McKay Group to the Fossil Zones in the Pogonip and Garden City Formations.....	375
Table 8. Relation between the Faunas classified here and the Fossil Zones cited in EVANS' Report, 1933.....	375
Table 9. Zonation of the Upper Cambrian and Lower Ordovician Formations in Cape Breton.....	383
Table 10. Correlation of the Ordovician Faunas in the McKay Group to the Fossil Zones in the South Andes.....	394

PA 2250 gen. et sp. - pl. 8, fig. 7,

PA 2251 Asaphid gen. et sp. pl. 8, fig. 8

PA 2252 Asaphid gen. et sp. indet pl. 8, fig. 11,

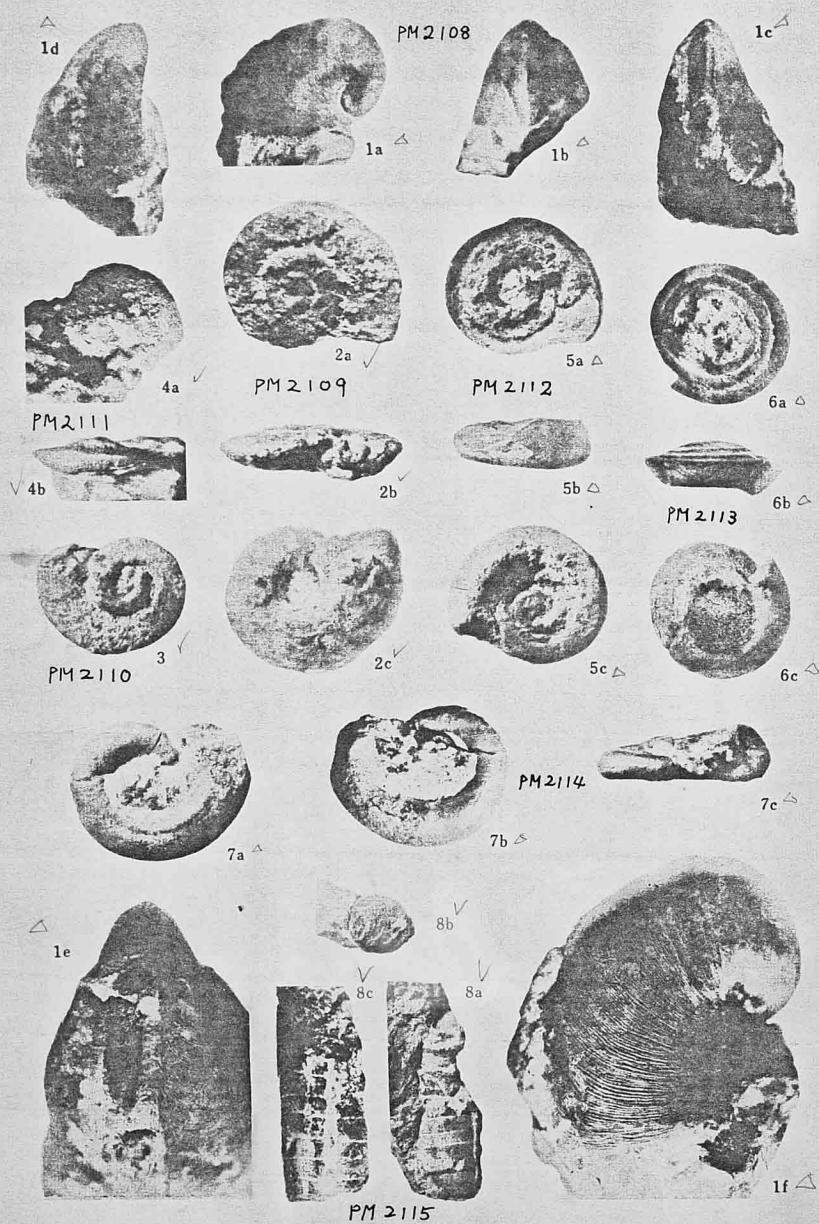
PA 2253 Asaphid gen. et sp. molt pl. 8, fig. 14,

PA 2254 1 / 1 / 1 pl. 8, fig. 16,

Explanation of Plate I

Ordovician Gastropoda and Nautiloidea from the McKay group in British Columbia.

- (R) *Eotucanina pulchra* KOBAYASHI, new species 404 PM2108-a-f
 Figures 1a-d. Lateral, dorsal and dorso-lateral views of the holotype, $\times 2$, loc. 19.
 Figures 1e-f. Dorsal and lateral views of the same specimen showing the slit-band and surface sculptures, $\times 4$.
- Raphistomina sinclairensis* KOBAYASHI, new species 405 PM2109-2a-c
 ✓ Figures 2a-c. Apical, lateral and basal views of the holotype, $\times 1\frac{1}{2}$, loc. 5.
 ✓ Figure 3. Apical view of a paratype, $\times 1\frac{1}{2}$, loc. 5. PM2110-3
- Raphistomina sinclairensis* var. *acuta* KOBAYASHI, new variety 406 PM2111
 ✓ Figures 4a-b. Apical and lateral views of the holotype, $\times 2$, loc. 2.
- (R) *Burnesella tympana* KOBAYASHI, new species 406 PM2112 (R)
 Figures 5a-c. Apical, lateral and basal views of the holotype, $\times 1\frac{1}{2}$, loc. 17.
- (R) *Ozarkispira leo* WALCOTT 408 PM2113 (R)
 Figures 6a-c. Apical, lateral and basal views of a specimen, $\times 2$, loc. 6.
- (R) *Lytospira mediosulcata* KOBAYASHI, new species 408 PM2114 (R)
 Figures 7a-c. Apical, basal and lateral views of the holotype, $\times 3$, loc. 6.
- ✓ *Robsonoceras* sp. 409 PM2115
 Figures 8a-b. Lateral and adapical views of a phragmacone, $\times 2$, loc. 3.
 Figure 8c. Ventral view of the same phragmacone, $\times 3$.



Explanation of Plate II

Ordovician Trilobites from the McKay group in British Columbia.

- ✓ *Kainella kindlei* KOBAYASHI, new species 413 PA 2116
Figure 1. Holotype cranidium, $\times 3$, loc. 2.
- ✓ *Apatocephalus canadensis* KOBAYASHI 414 PA 2117
Figure 2. Cranidium, $\times 2\frac{1}{2}$, loc. 20.
- ✓ *Protopliomerops subquadratus* KOBAYASHI, new species 414 PA 2118-3
Figures 3-4. Holotype cranidium and paratype pygidium, $\times 1\frac{1}{2}$, loc. 21.
Protopliomerops radiatus KOBAYASHI, new species 416 PA 2120-5
Figure 5a. Holotype cranidium, $\times 1\frac{1}{2}$, loc. 13.
Figure 5b. Postero-lateral part of the fixed cheek of the same cranidium showing the pitted test, $\times 3\frac{1}{2}$.
Figure 6. Paratype pygidium, $\times 1\frac{1}{2}$, loc. 13.
- ✓ *Protopliomerops longispinus* KOBAYASHI, new species 417 PA 2122
Figure 7. Holotype pygidium, $\times 4$, loc. 21.
- ✓ *Tesselacauda flabella* KOBAYASHI, new species 417 PA 2123
Figures 8a-b. Holotype pygidium, $\times 3$, loc. 2.
- ✓ *Telephus pacificus* KOBAYASHI, new species 419 PA 2124
Figures 9a-b. Dorsal and lateral views of the holotype, $\times 5$, loc. 10.
Figure 10. Clay cast from a mould of a cranidium, $\times 3$, loc. 10.
- ✓ *Leiostegium (Evansaspis) glabrum* KOBAYASHI, new species 421 PA 2126-11
Figures 11-13. Holotype pygidium, a free cheek and a paratype cranidium, $\times 1\frac{1}{2}$, loc. 2.
Figure 14. Cranidium, $\times 1\frac{1}{2}$, loc. 12. PA 2127-12
Figure 15. Cranidium, $\times 2$, loc. 12. PA 2128-13
Figure 16. Hypostoma, $\times 1$, loc. 8. PA 2129-14
Figure 17. Pygidium, $\times 1\frac{1}{2}$, loc. 25. PA 2130-15
PA 2131-16
PA 2132-17



Explanation of Plate III

Ordovician Trilobites from the McKay group in British Columbia.

- ✓ *Hyperbolochilus expansus* KOBAYASHI, new species 422 PA2133
 Figure 1. Holotype cranidium, $\times 2$, loc. 2.
- ✓ *Belfontia platana* KOBAYASHI, new species 436 PA2154-2
 Figures 2-3. Holotype cranidium and paratype free cheek, $\times 2$. PA2155-3
 Figure 4. Hypostoma, $\times 4$. PA2156-4
 Figure 5. Pygidium, $\times 1\frac{1}{2}$. PA2157-5
 All from loc. 15.
- (R) ✓ *Sympysurina* (*Sympysuroides*) *expansa* KOBAYASHI, new species 432 PA2143-6
 Figures 6a-b. Dorsal and lateral views of holotype cranidium, $\times 2$, loc. 24. PA2144-7
 Figure 7. Paratype pygidium, 3, loc. 24.
- ✓ *Sympysurina* (*Sympysurina*) *spicata* ULRICH 430 PA2136-8
 Figure 8. Cranidium, $\times 2$, loc. 18. PA2137-9
 Figure 9. Pygidium, $\times 1\frac{1}{2}$, loc. 18.
- ✓ *Sympysurina* a sp. 433 PA2149-10
 Figures 10-11. Cranidium and free cheek, $\times 1\frac{1}{2}$, loc. 19. PA2150-11
- ✓ *Sympysurina* b sp. 433 PA2151-12
 Figure 12. Cranidium, $\times 3$, loc. 23. PA2152-13
 Figure 13. Cranidium, $\times 3$, loc. 15. PA2153-14
 Figure 14. Cranidium, $\times 4$, loc. 2.
- Sympysurina* (*Sympysuroides*) cfr. *brevispicata* HINTZE 433 PA2145-15
 Figure 15. Cranidium, $\times 3$, loc. 22. PA2146-16
 Figures 16-17. Cranidium and free cheek, $\times 2$, loc. 23. PA2147-17
 Figure 18. Pygidium, $\times 1\frac{1}{2}$, loc. 22. PA2148-18
- ✓ *Sympysurina* (*Sympysuroides*) *elegans* POULSEN 432 PA2140-19
 Figure 19. Holotype cranidium, $\times 2$.
- (R) ✓ Figures 20a-b. Paratype cranidium, $\times 3$ and about 6 times magnified to show the pitted texture. PA2141-20
 Figure 21. Pygidium, $\times 1\frac{1}{2}$. PA2142-21
 All from loc. 22.
- (D) ✓ *Sympysurina* (*Sympysuroides*) *spicata* var. *eugenia* WALCOTT 430 PA2138
 Figure 22. Pygidium, $\times 2$, loc. 24.

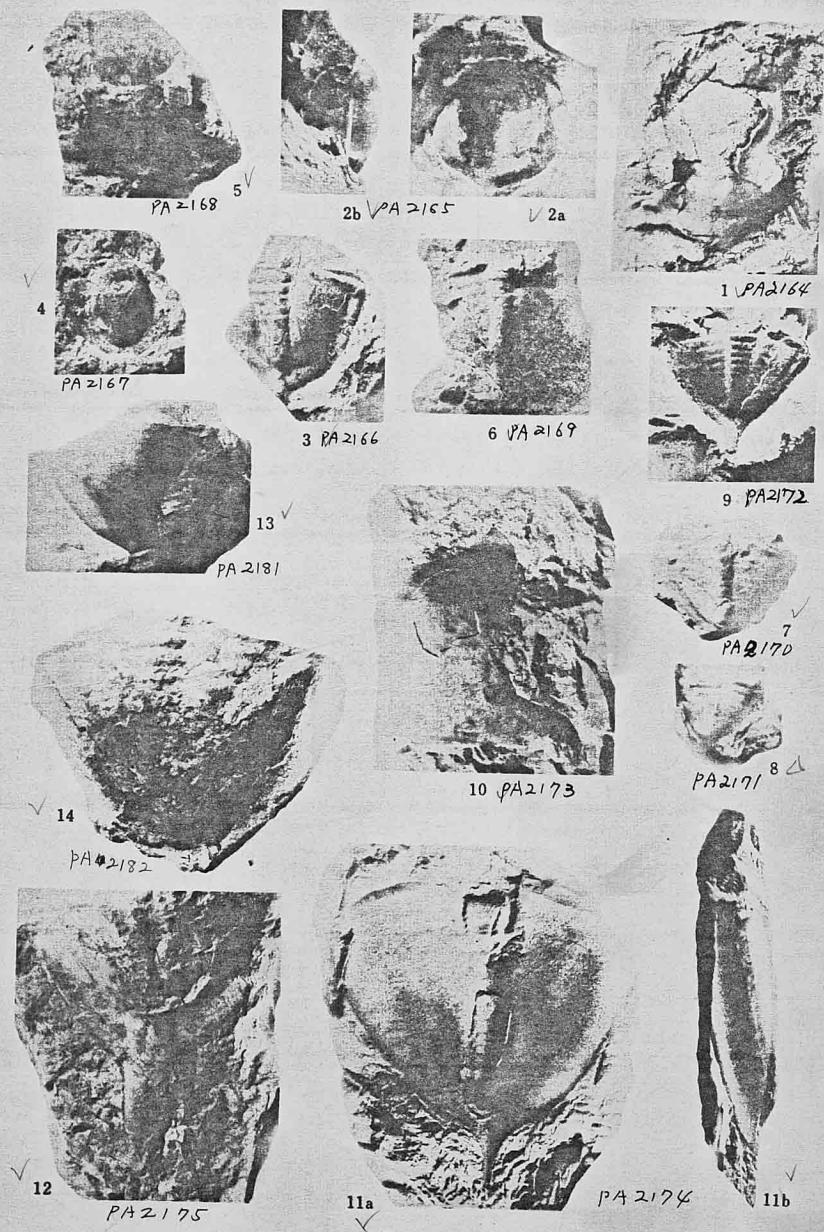


T. KOBAYASHI

Explanation of Plate IV

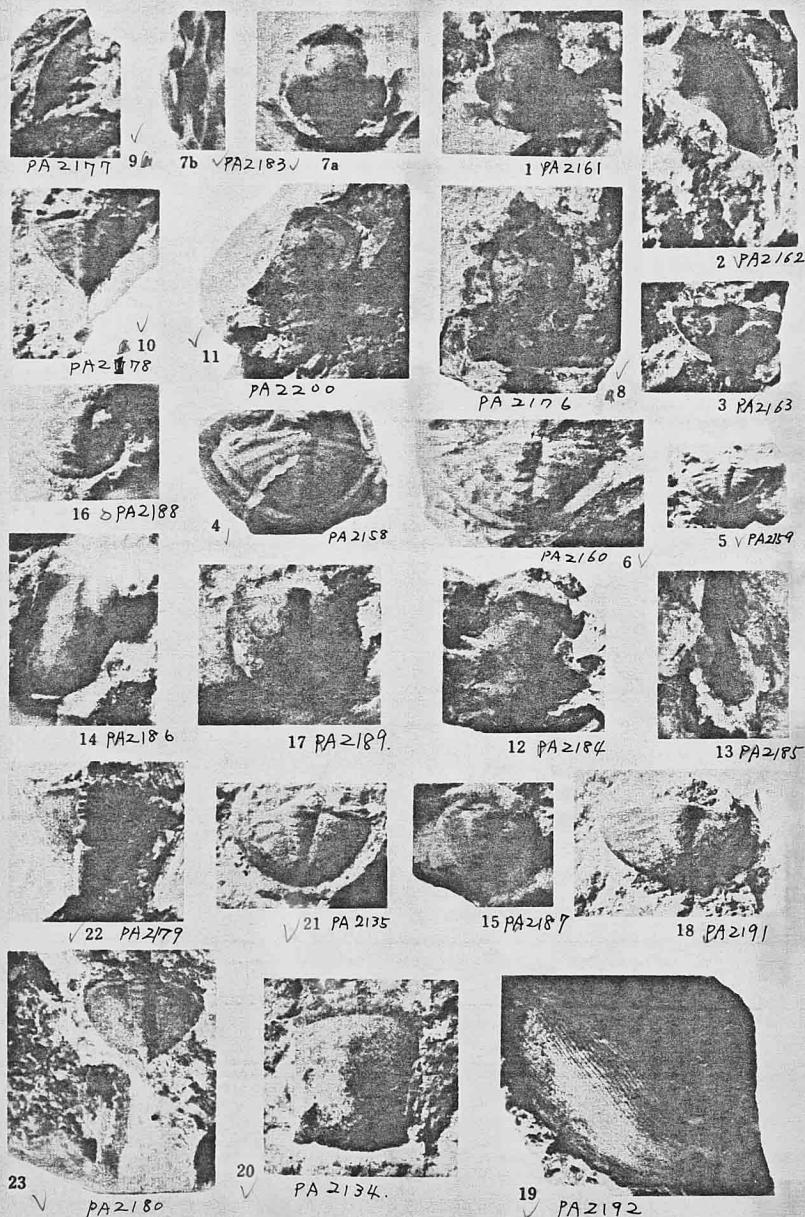
Ordovician Trilobites from the McKay group in British Columbia.

- | | |
|---|------------------------|
| ✓ <i>Kobayashia lanceolata</i> KOBAYASHI, new species | 441 PA2164-1 |
| Figure 1. Holotype cranidium, $\times 1\frac{1}{2}$. | PA2165-2 |
| Figures 2a-b. Ventral and lateral views of paratype hypostoma, $\times 2$. | PA2166-3 |
| Figure 3. Pygidium, $\times 1$. | |
| All from loc. 14. | |
| ✓ <i>Kayseraspis (?) euclides</i> (WALCOTT) | 442 PA2167-4 |
| Figure 4. Hypostoma, $\times 1\frac{1}{2}$. | PA2168-5 |
| Figures 5-6. Cranidium and pygidium, $\times 1$. | PA2169-6 |
| Figures 7-8. Two pygidia, $\times 2$. | PA2170-7 |
| All from loc. 4. | (R) PA2171-8 |
| ✓ Figure 9. Pygidium, $\times 1\frac{1}{2}$, loc. 11. | PA2172-9 |
| ✓ Figures 10, 11a-b, 12. A cranidium and 2 pygidia, $\times 1$, loc. 3. | PA2173-10
PA2174-11 |
| ✓ <i>Kayseraspis (?) sp.</i> | 444 PA2175-12 |
| Figure 13. Pygidium, $\times 1$, loc. 11. | PA2181-13 |
| Figure 14. Pygidium, $\times 1$, loc. 1. | PA2182-14 |



Explanation of Plate V

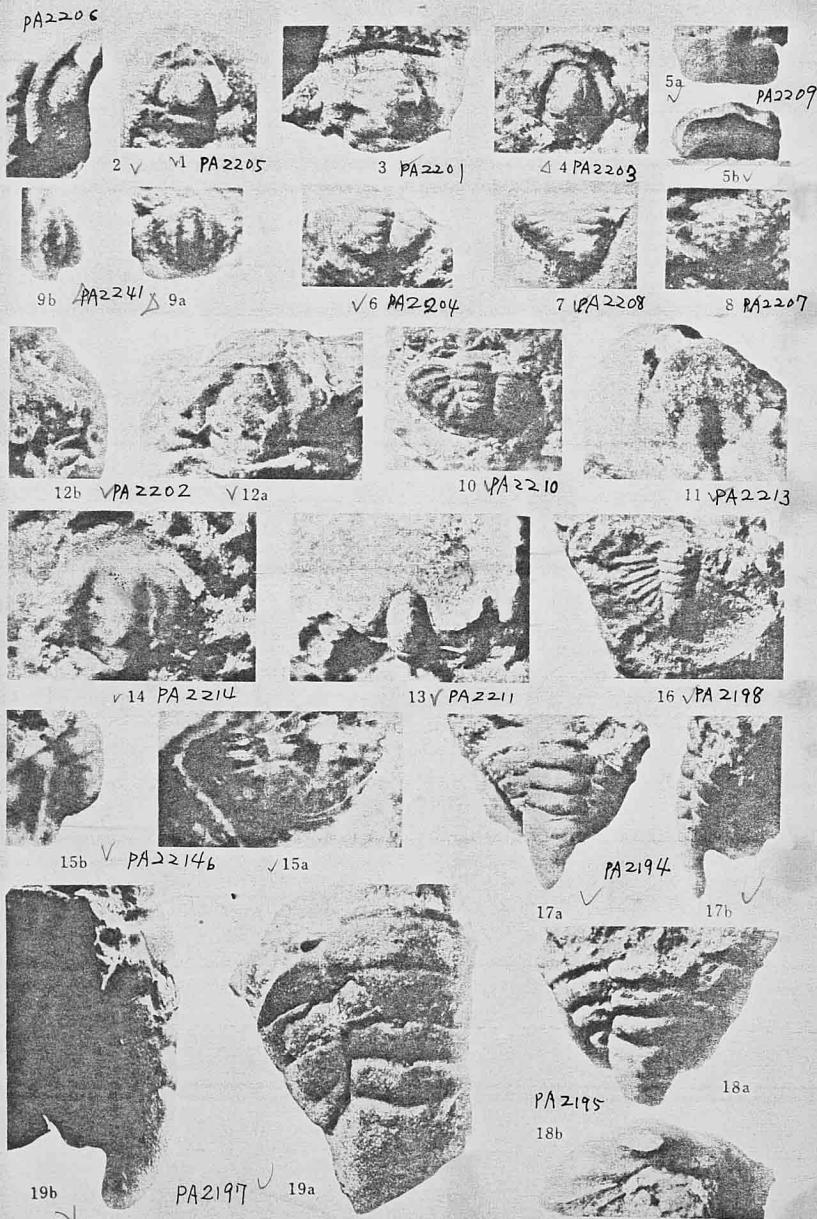
	Ordovician Trilobites from the McKay group in British Columbia.	
✓	<i>Asaphellus</i> (?) <i>canadensis</i> KOBAYASHI, new species	438 PA2161-1 PA2162-2 PA2163-3
	Figures 1-3. Holotype cranidium, paratype free cheek and pygidium, $\times 4$, loc. 20.	
✓	<i>Bellefontia</i> (?) aff. <i>collicana</i> RAYMOND	437 PA2158-4 PA2159-5
✓	Figure 4. Pygidium, $\times 2$, loc. 3.	
✓	Figure 5. Pygidium, $\times 2$, loc. 4.	
✓	<i>Bellefontia</i> (?) sp.	437 PA2160-6
	Figure 6. Pygidium, $\times 2$, loc. 4.	
✓	<i>Columbicephalus macrops</i> KOBAYASHI, new species	444 PA2183
	Figures 7a-b. Holotype cranidium, $\times 3$, loc. 10a.	
✓	<i>Kayseraspis</i> (?) <i>euclides</i> (WALCOTT)	442 PA2176-8 PA2177-9 PA2178-10
	Figures 8-10. Cranidium, free cheek and pygidium, $\times 1\frac{1}{2}$, loc. 20.	
✓	<i>Lachnostoma</i> (?) sp.	449 PA2200-11
	Figure 11. Cranidium, $\times 1$, loc. 13.	
✓	<i>Kirkella</i> cfr. <i>vigilans</i> (WHITTINGTON)	445 PA2184-12 PA2185-13 PA2186-14 PA2187-15 PA2188-16 PA2189-17
	Figures 12-13. Cranidium and free cheek, $\times 1\frac{1}{2}$.	
	Figure 14. Free cheek, $\times 3$.	
	Figure 15. Pygidium, $\times 2$.	
②	Figure 16. Young pygidium, $\times 5$.	
	All from loc. 13.	
	Figure 17. Pygidium, $\times 3$, loc. 17.	
✓	<i>Protopresbynileus</i> (?) aff. <i>willdeni</i> HINTZE	446 PA2191-18 PA2192-19
	Figure 18. Pygidium, $\times 1\frac{1}{2}$, loc. 14.	
	Figure 19. Doublure of a pygidium, $\times 1$, loc. 14.	
✓	Nileidae (?), gen. and sp. indt.	425 PA2134-20 PA2135-21
	Figures 20-21. Cranidium and pygidium, $\times 2$, loc. 9.	
✓	<i>Kayseraspis</i> (?) cfr. <i>euclides</i> (WALCOTT)	442 PA2179-22 PA2180-23
	Figure 22. Pygidium, $\times 3$, loc. 17.	
	Figure 23. Pygidium, $\times 2$, loc. 17.	



Explanation of Plate VI

Ordovician Trilobites from the McKay group in British Columbia.

- ✓ *Hystericurus* cfr. *genelatus* ROSS 454 PA2205-1
Figure 1. Craniidium, $\times 2\frac{1}{2}$, loc. 24. PA2206-2
- ✓ Figure 2. Free cheek, $\times 3$, loc. 24.
- ✓ *Eulomella mckayensis* KOBAYASHI, new species 451 PA2201-3
Figure 3. Holotype craniidium, $\times 2\frac{1}{2}$, loc. 18.
- ✓ *Vermilionites bisulcatus* KOBAYASHI, new species 453 PA2203-4
Figure 4. Holotype craniidium, $\times 2$, loc. 8.
- ✓ *Clelandia* (?) sp. 456 PA2209
Figures 5a-b. Dorsal and posterior views of a pygidium, $\times 4$, loc. 2.
- ✓ *Hystericurus platypleurus* KOBAYASHI, new species 454 PA2204
Figure 6. Pygidium, $\times 3$, loc. 2.
- ✓ *Parahystericurus* (?) sp. 455 PA2208
Figure 7. Pygidium, $\times 2\frac{1}{2}$, loc. 2.
- ✓ *Hystericurus* sp. 455 PA2209
Figure 8. Pygidium, $\times 4\frac{1}{2}$, loc. 22.
- ✓ *Rhaphophyge altipolum* KOBAYASHI, new species 473 PA2241
Figures 9a-b. Dorsal and lateral views of holotype pygidium, $\times 4\frac{1}{2}$, loc. 24.
- ✓ *Dimeropygiella eos* KOBAYASHI, new species 456 PA2221D
Figure 10. Holotype pygidium, $\times 2$, loc. 7.
- ✓ *Amechilus tuberculatus* KOBAYASHI, new species 459 PA2213
Figure 11. Holotype craniidium, $\times 2$, loc. 2.
- ✓ *Neotaenicephalus obsoletus* KOBAYASHI, new species 452 PA2202-12
Figures 12a-b. Dorsal and lateral views of holotype craniidium, $\times 2$, loc. 24.
- ✓ *Metabowmania latilimbata* KOBAYASHI, new species 458 PA2211
Figure 13. Holotype craniidium, $\times 2$, loc. 2.
- ✓ *Macroculites enigmaticum* KOBAYASHI, new species 461 PA2214
Figure 14. Craniidium, $\times 5$, loc. 24.
- ✓ *Macroculites* (?) sp. 462
Figures 15a-b. Dorsal and lateral views of a pygidium, $\times 5$, loc. 24.
- ✓ *Licncephala longa* KOBAYASHI, new species 448 PA2198
Figure 16. Holotype pygidium, $\times 1\frac{1}{2}$, loc. 13.
- ✓ *Gonioteloides monoceros* KOBAYASHI, new species 447 PA2194-17
Figures 17a-b. Dorsal and lateral views of holotype pygidium, $\times 2$, loc. 2.
- ✓ *Gonioteloides punctatus* KOBAYASHI, new species 448 PA2197-19
Figures 18a-b. Dorsal and posterior views of a paratype pygidium, $\times 1\frac{1}{2}$, loc. 2. PA2195-18
Figures 19a-b. Dorsal and lateral views of holotype pygidium, $\times 1\frac{1}{2}$, loc. 7.



Explanation of Plate VII

- Ordovician Trilobites from the McKay group in British Columbia.
- ✓ *Geragnostus* aff. *mundus* (RAYMOND)..... 475 PA2246 1
Figure 1. Cephalon, $\times 3$, loc. 23.
 - ✓ *Hyperagnostus binodosus* KOBAYASHI, new species 475 PA2244 2
Figures 2-3. Holotype cephalon and paratype pygidium, $\times 3$, loc. 2.
 - ✓ *Neagnostus aspidoides* KOBAYASHI, new species 473 PA2242 4
④ Figure 4. Paratype pygidium, $\times 5$, loc. 24.
✓ Figure 5. Holotype cephalon, $\times 3$, loc. 24.
 - ✓ *Trinodus priscus* KOBAYASHI, new species 476 PA2248
Figure 6. Holotype pygidium, $\times 3$, loc. 15.
 - ✓ *Trinodus tardiformis* KOBAYASHI, new species 476 PA2249
Figures 7a-b. Dorsal and lateral views of holotype pygidium, $\times 5$, loc. 10.
 - ✓ *Lunacrania trisecta* KOBAYASHI, new species 472 PA2240
Figure 8. Holotype cephalon, $\times 6$, loc. 24.
 - ✓ *Shumardia* sp. 471 PA2239 1
Figure 9. Cephalon, $\times 5$, loc. 2.
 - ✓ *Sphaerophthalmella inexpectans* KOBAYASHI, new species 464 PA2219-10
Figures 10a-b. Dorsal and lateral views of holotype cranidium, $\times 4$, loc. 19.
Figure 11. Paratype pygidium, $\times 4$, loc. 19.
 - ✓ *Jujuyaspis borealis* KOBAYASHI, new species 467 PA2224 12
Figure 12. Paratype cranidium, $\times 2\frac{1}{2}$, loc. 19.
Figures 13a-b. Dorsal and lateral views of holotype cranidium, $\times 2$, loc. 19.
 - ✓ *Peltura pacifica* KOBAYASHI, new species 465 PA2219-14
② Figures 14-16. Holotype and two paratype cranidia, $\times 3$, loc. 9.
Figure 17. Paratype free cheek, $\times 3$, loc. 9.
 - ✓ *Parabolinella bisulcata* KOBAYASHI, new species 463 PA2215-18
Figures 18-19. Holotype and paratype cranidia, $\times 2$, loc. 19.
 - ✓ *Peltura canadensis* KOBAYASHI, new species 466 PA2223-20
Figure 20. Cranidium, $\times 4$, loc. 20.
 - ✓ *Paenebeltella convexa* KOBAYASHI, new species 468 PA2226
Figures 21a-b. Dorsal and lateral views of holotype cranidium, $\times 3$, loc. 2.
 - ✓ *Sympysurina* (*Sympysurina*) cfr. *corlissensis* (RAYMOND) 431 PA2139
Figures 22a-b. Dorsal and lateral views of a pygidium, $\times 4$, loc. 24.



Explanation of Plate VIII

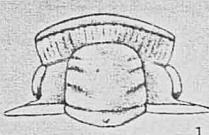
Ordovician Trilobites from the McKay Group in British Columbia.

- Ampyx walcotti* KOBAYASHI, new species 469 PA2228-1
 ✓ Figure 1a. Holotype cranidium and a prismatic spine near its right genal angle, $\times 3$. PA2229-2
 ✓ Figure 1b. Lateral view of the same cranidium, $\times 3$. PA2230-3
 ✓ Figures 2a-b. Another cranidium; dorsal and lateral views, $\times 3$.
 ✓ Figure 3. Pygidium, $\times 4$.
 All from loc. 13.
- Ampyx walcotti* var. *stenorachis* KOBAYASHI, new variety 470 PA2231-4
 ✓ Figures 4a-b. Dorsal and lateral views of holotype cranidium, $\times 3$. PA2232-5
 Figure 5. Another cranidium, $\times 3$.
 All from loc. 13.
- (B) *Kirkella* cfr. *vigilans* (WHITTINGTON) 445 PA2190
 Figure 6. Hypostoma of the species found in the same slab with the cranidium of *Ampyx walcotti* in fig. 1a. $\times 1\frac{1}{2}$, loc. 13.
- ✓ Gen. et spp. indt. 365 PA2250
 Figure 7. Free cheeks of two different types, $\times 2$, loc. 22.
- ✓ Asaphid, gen. et sp. indt (b) 436 PA2251
 Figure 8. Pygidium, $\times 1\frac{1}{2}$, loc. 24.
- ✓ *Metabowmania latilimbata* KOBAYASHI, new species 458 PA2212
 Figure 9. Cranidium, $\times 3$, loc. 12.
- ✓ *Gonioteloides monoceros* KOBAYASHI, new species 447 PA2196-10
 Figure 10. Side view of a pygidium, $\times 3$, loc. 19.
- ✓ Asaphid, gen. et sp. indt. (c) 436 PA2252
 Figure 11. Pygidium, $\times 1\frac{1}{2}$, loc. 24.
- ✓ *Paenebeltella convexa* KOBAYASHI, new species 468 PA2227-12
 Figure 12. Cranidium, $\times 3$, loc. 7.
- ✓ *Licnocephala longa* KOBAYASHI, new species 448 PA2199-13
 Figure 13. Pygidium, $\times 2\frac{1}{2}$, loc. 13.
- ✓ Asaphid, gen. et sp. indt (a) 436 PA2253
 Figure 14. Pygidium, $\times 1\frac{1}{2}$, loc. 13.
- ✓ *Protopresbynileus* (?) aff. *willdeni* (HINTZE) 446 PA2193
 Figure 15. Pygidium, $\times 3$, loc. 4.
- ✓ Gen. et sp. indt. 366 PA2254
 Figure 16. Free cheek, $\times 4$, loc. 2.
- ✓ *Geragnostus* aff. *mundus* (RAYMOND) 475 PA2247-17
 Figure 17. Pygidium, $\times 5$, loc. 23.
- ✓ *Ampyx* b sp. indt. 471 PA2236-18
 Figure 18. Cranidium, $\times 2$. PA2237-19
 Figure 19. Pygidium, $\times 2$. PA2238-20
 Figure 20. Pygidium, $\times 2$.
 All from loc. 10.
- (B) *Ampyx* a sp. indt. 470 PA2233-21
 Figure 21. Cranidium (b) and pygidium, $\times 1.5$. PA2234-22
 Figure 22. Pygidium, $\times 2$. PA2235-23
 Figure 23. Two cranidia, a and c respectively on the left and right side, $\times 2$.
 All from loc. 7.

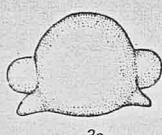


Explanation of Plate IX

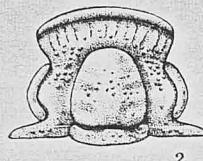
Figure 1. <i>Eulomella mckayensis</i> KOBAYASHI, new species. Postero-lateral limbs of fixed cheeks unpreserved.	451
Figure 2. <i>Vermilionites bisulcatus</i> KOBAYASHI, new species	453
Figures 3a-b. <i>Sympysurinella corlissensis</i> RAYMOND	428
Figure 4. <i>Hyperagnostus binodosus</i> KOBAYASHI, new species	475
Figure 5. <i>Neoagnostus aspidoides</i> KOBAYASHI, new species	473
Figures 6a-b. <i>Macroculites enigmaticum</i> KOBAYASHI, new species. Preglabellar area and posterior limbs of fixed cheeks ill-preserved.	461
Figures 7a-b. <i>Metabolomaria latilimbata</i> KOBAYASHI, new species. Posterior limbs of fixed cheeks unpreserved.	458
Figures 8a-b. <i>Rhamphopyge altipolum</i> KOBAYASHI, new species. Whether the first segment belongs to the thorax or pygidium is a question.	473
Figures 9a-b. <i>Neotaenicephalus obsoletus</i> KOBAYASHI, new species. Test of the glabella largely exfoliated on the type cranium.	452
Figure 10. <i>Lunacrania trisecta</i> KOBAYASHI, new species	472
Figure 11. <i>Perishodory grandezi</i> RAYMOND	421
Figures 12a-b. <i>Sphaerophthalmoides inexpectans</i> KOBAYASHI, new species	464



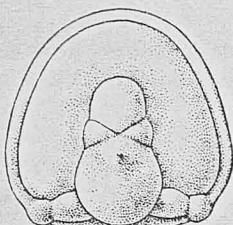
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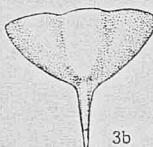
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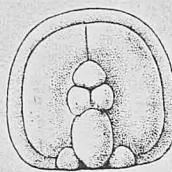
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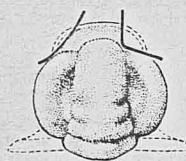
4



3b



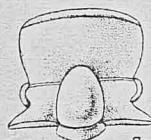
5



6a



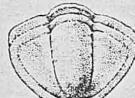
6b



7a



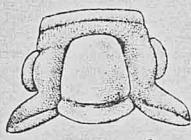
7b



8a



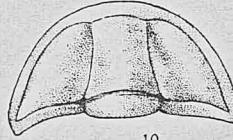
8b



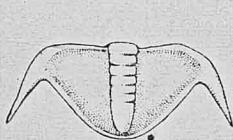
9a



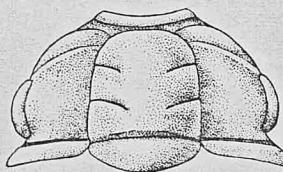
9b



10



11



12a



12b

T. KOBAYASHI

Explanation of Plate I

Ordovician Gastropoda and Nautiloidea from the McKay group in British Columbia.

- Eobucania pulchra* KOBAYASHI, new species 404
Figures 1a-d. Lateral, dorsal and dorso-lateral views of the holotype, $\times 2$, loc. 19.
Figures 1e-f. Dorsal and lateral views of the same specimen showing the slit-band and surface sculptures, $\times 4$.
- Raphistomina sinclairensis* KOBAYASHI, new species 405
Figures 2a-c. Apical, lateral and basal views of the holotype, $\times 1\frac{1}{2}$, loc. 5.
Figure 3. Apical view of a paratype, $\times 1\frac{1}{2}$, loc. 5.
- Raphistomina sinclairensis* var. *acuta* KOBAYASHI, new variety 406
Figures 4a-b. Apical and lateral views of the holotype, $\times 2$, loc. 2.
- Burnesella tympana* KOBAYASHI, new species 406
Figures 5a-c. Apical, lateral and basal views of the holotype, $\times 1\frac{1}{2}$, loc. 17.
- Ozarkispira leo* WALCOTT 408
Figures 6a-c. Apical, lateral and basal views of a specimen, $\times 2$, loc. 6.
- Lytospira mediosulcata* KOBAYASHI, new species 408
Figures 7a-c. Apical, basal and lateral views of the holotype, $\times 3$, loc. 6.
- Robsonoceras* sp. 409
Figures 8a-b. Lateral and adapical views of a phragmacone, $\times 2$, loc. 3.
Figure 8c. Ventral view of the same phragmacone, $\times 3$.