

FIG. 7. — Dorsal view : a, *Mursia flamma* sp. nov., ♂, cl 57.9 mm, holotype, Madagascar, 370 m (MNHN-B 24371). — b, *Mursia spinimanus* Rathbun, 1906, ♂, holotype, cl 35.8 mm, Hawaiian Ids, 232 m (USNM 29922). — c, *Mursia trispinosa* Parisi, 1914, ♂ cl 42.5 mm, Philippines, 170 m (MNHN-B 24428). — d, *Platymera gaudichaudii* H. Milne Edwards, 1837, ♂ cl 45.9 mm, Mexico (MNHN-B 88).

REMARKS. — *M. microspina* bears resemblance to *M. hawaiiensis* in having a short lateral spine but differs in having a more prominent granulation on carapace, lobes of abdominal crest rounded, coequal and distal portion of second male pleopod crook-shaped.

DISTRIBUTION. — Australia, New Caledonia, Japan; 200-420 m.

Mursia musorstomia sp. nov.

Fig. 4 f, 8 g-h, 10 a-b, 13

MATERIAL EXAMINED AND TYPES. — **New Caledonia.** MUSORSTOM 4 : stn 179, 18°56.6'S, 163°13.7'E, 475 m, 18 September 1985 : 1 ♂, cl 19.7, cw 23.5, mcw 29.0 (MNHN-B 22374) Holotype; 1 ♀, cl 18.0, cw 21.2, mcw 25.1 (MNHN-B 24396) Paratype. — Stn 170, 18°57.0'S, 163°12.6'E, 480 m, 17 September 1985 : 1 ♀, cl 19.7, cw 23.3, mcw 27.6 (MNHN-B 24394). — Stn 171, 18°57.8'S, 163°14.0'E, 425 m, 17 September 1985 : 1 ♀, cl 18.4, cw 21.7, mcw 25.5; 1 juv. (MNHN-B 24395). — Stn 201, 18°35.8'S, 163°13.9'E, 490 m, 20 September 1985 : 1 ♀, cl 19.0, cw 22.7, mcw 28.5 (MNHN-B 24397). — Stn 236, 22°11.3'S, 167°15'E, 495-550 m, 2 October 1985 : 1 ♀, cl 19.2, cw 21.9, mcw 25.8; 1 juv. (MNHN-B 24398). — Stn 239, 22°14.8'S, 167°15.7'E, 470-475 m, 2 October 1985 : 1 ♀, cl 19.2, cw 21.9, mcw 25.8 (MNHN-B 24399). — Stn 241, 22°09.0'S, 167°12.2'E, 470-480 m, 3 October 1985 : 1 ♀, cl 12.7, cw 15.4, mcw 20.4 (MNHN-B 24400). — Stn 247, 22°09'S, 167°13.3'E, 435-460 m, 4 October 1985 : 1 ♂, cl 14.4, cw 17.1, mcw 22.2 (MNHN-B 24401).

MUSORSTOM 5 : stn 380, 19°37.70'S, 158°43.90'E, 555-570 m, 21 October 1986 : 1 ♀, cl 20.4, cw 23.8, mcw 28.6 (MNHN-B 24402).

Chesterfield Islands. CORAIL 2 : stn 16, 20°47.75'S, 160°55.87'E, 500 m, 21 July 1988 : 1 ♀, cl 19.3, cw 22.5, mcw 28.4 (MNHN).

Loyalty Islands. MUSORSTOM 6 : stn 411, 20°40.65'S, 167°03.35'E, 424 m, 15 February 1989 : 1 ♀, cl 17.5 (MNHN-B 24403). — Stn 413, 20°40.10'S, 167°03.50'E, 463 m, 15 February 1989 : 1 ♂, cl 18.4, cw 21.7, mcw 25.8;

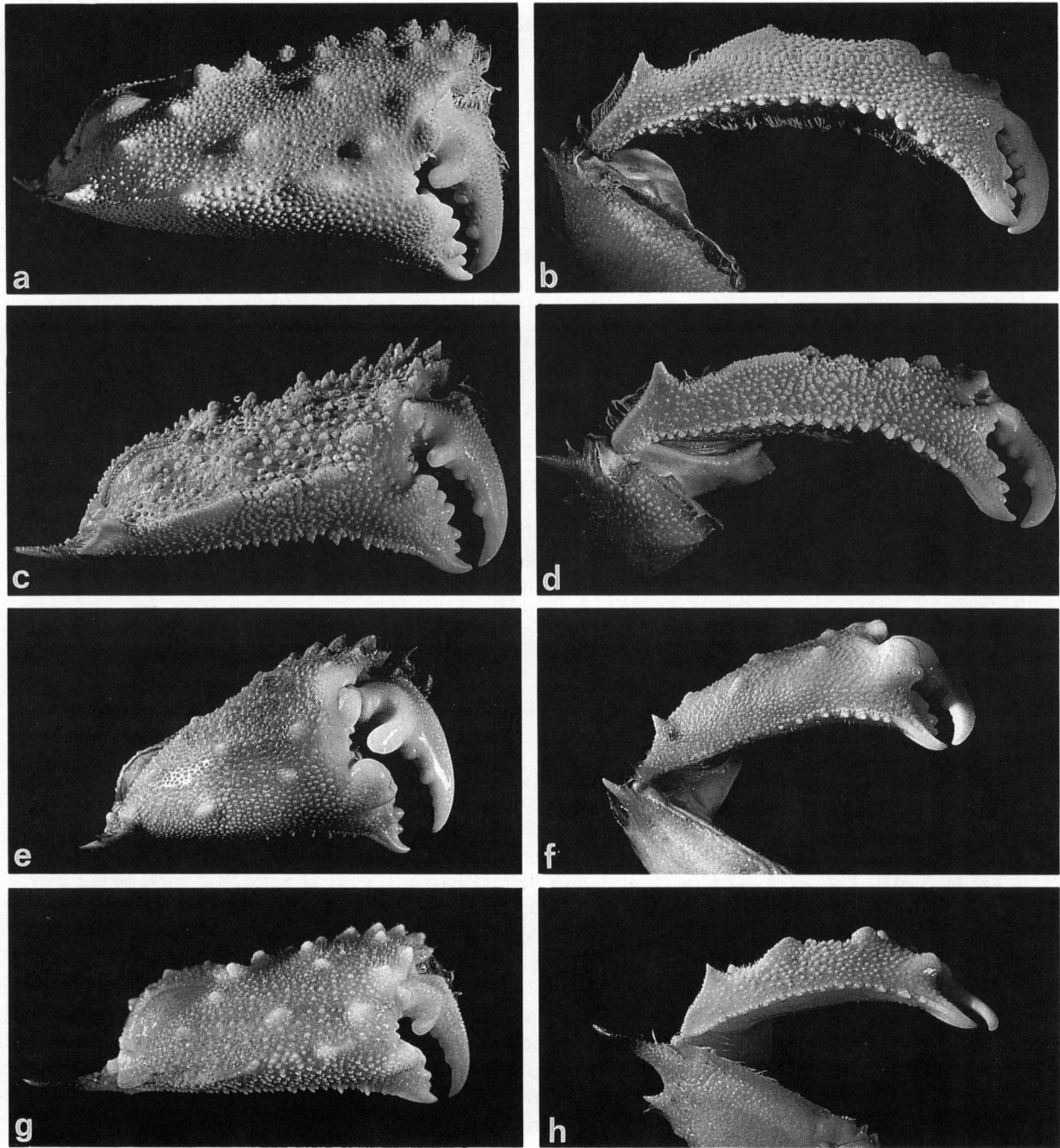


FIG. 8. — Cheliped, external and ventral views : **a-b**, *Mursia hawaiiensis* Rathbun, 1893, ♂ cl 22.9 mm, Hawaiian Ids., 386-463 m (USNM 29903). — **c-d**, *Mursia mcdowellii* Manning & Chace, 1990, ♂, holotype, cl 37.5 mm, Ascension Id., 120-150 m (USNM 221893). — **e-f**, *Mursia microspina* Davie & Short, 1989, ♂ cl 24.5 mm, New Caledonia, 385-420 m (MNHN-B 24392). — **g-h**, *Mursia musorstomia* sp. nov., ♂, holotype, cl 19.7 mm, New Caledonia, 475 m (MNHN-B 24396).

1 ♀, cl 16.6, cw 20.0, mcw 23.9; 3 juv. (MNHN-B 24404). — Stn 415, 20°40.20'S, 167°03.50'E, 461 m, 15 February 1989 : 2 ♂, cl 19.2, 22.0, cw 22.7, 26.4, mcw 27.3, 34.7; 2 ♀, cl 15.5, 16.1, cw 18.5, 19.1, mcw 22.6, 22.9 (MNHN-B 24405). — Stn 428, 20°23.54'S, 166°12.57'E, 420 m, 17 February 1989 : 2 ♂, cl 19.4, 21.1, cw 23.5, 25.1, mcw 29.2, 31.3; 3 ♀, cl 18.0-18.1, cw 21.4-22.1 (MNHN-B 24406). — Stn 464, 21°02.30'S, 167°31.60'E, 430 m, 21 February

1989 : 1 ♂, cl 20.6, cw 24.9, mcw 30.02 (MNHN-B 24407). — Stn 465, 21°03.55'S, 167°32.25'E, 480 m, 21 February 1989 : 1 ♂, cl 17.2, cw 21.6, mcw 26.6; 1 ♀, cl 18.8, cw 22.0, mcw 26.5 (MNHN-B 24408). — Stn 467, 21°05.13'S, 167°32.11'E, 575 m, 21 February 1989 : 1 ♀, cl 19.3, cw 22.8, mcw 27.6 (MNHN-B 24409).

DESCRIPTION. — Carapace 1.2 wide as long, surface densely setose, granulose. Radial tubercles prominent. Median frontal lobe triangular, projecting beyond lateral lobes. Supraorbital margin bifissured. Suborbital sinus wide, U-shaped, suborbital tooth triangular, apex pointing inward. Anterolateral margins cristate, with ten granulose teeth, diminishing in size posteriorly. Lateral spine 0.1 carapace width, minutely granulate, curved upwards. Posterolateral margin beaded, angled medially. Lateral lobes of posterior margin triangular, laminar, curved. Chelipeds externally granulose, setose. Merus of cheliped trispinose, distal spine longer than lateral spine. Outer surface of chela set with nine tubercles in three oblique rows and three tubercles near base of serrate upper crest, tubercles in lowest row laminar, proximalmost triangular, keel-like, distalmost smallest, rounded. Lower margin serrate, teeth smaller proximally. Dactylus minutely granulate proximally on anterior margin. Upper margin of pereopodal carpi crested, granulate. Abdominal crest with rounded lateral lobes, subquadrate median lobe. Cornute distal portion of second male pleopod curved, hook-shaped.

Color (in alcohol). - Two red spots on distal margin of buccal area. Small red spot on inner palm near dactylar base.

ETYMOLOGY. — The specific name is derived from the expedition acronym - MUSORSTOM.

REMARKS. — Superficially resembling *M. australiensis* in its rounded, granulose carapace and elongate distal spine on cheliped merus, *M. musorstomia* is easily distinguished by its setose carapace, shorter lateral spines, bifissured suborbital margins, granulate last ambulatory meri and hook-shaped second male pleopod.

DISTRIBUTION. — Known only from the type locality, New Caledonia; 420-575 m.

Mursia spinimanus Rathbun, 1906

Fig. 7 b, 9 c-d, 10 e-g

Mursia spinimanus Rathbun, 1906 : 888, pl. 16 fig. 1. — SAKAI, 1965 : 51 (list).
Not *Mursia spinimanus* - RATHBUN, 1911 : 198, pl. 15 fig. 3.

MATERIAL EXAMINED. — **Hawaiian Islands.** "Albatross" : stn 3856, Pailolo Channel, between Molokai and Maui, 232 m, 9 April 1902 : 1 ♂, cl 35.8, cw 46.4, mcw 65.7, Holotype; 1 ♀, cl 27.6, cw 34.2, mcw 46.6, Paratype (USNM 29922). — Stn 3811, Ohau Id., off Honolulu Lt., 435-461 m, 27 March 1902 : 1 ♂ yg, cl 18.8, cw 23.5, mcw 32.9 (USNM 29919).

TYPE LOCALITY. — Pailolo Channel, Hawaiian Islands (RATHBUN, 1906).

DESCRIPTION. — Carapace 1.3 wide as long, surface minutely granulate. Radial tubercles indistinct. Median frontal lobe triangular, projecting forward beyond rounded lateral lobes. Supraorbital margin unifissured. Suborbital sinus v-shaped, suborbital tooth triangular, apex pointing inward. Anterolateral margins cristate, with ten minute teeth. Lateral spine one fifth carapace width, minutely granulate, slanting upwards. Posterolateral margin beaded, sinuous. Lateral lobes of posterior margin triangular, laminar, upcurved. Chelipeds externally granulate. Merus of cheliped trispinose, distal spine largest. Outer surface of chela closely granulate, with nine tubercles in three oblique rows and three tubercles near base of serrate upper crest, proximal tubercle in lowest row acuminate, keel-like, median tubercle crested. Lower margin serrate, teeth smaller proximally. Dactylus granulate proximally on anterior margin. Upper margin of pereopodal carpi rounded, minutely granulate. Abdominal crest deeply cut, median lobe quadrate. Cornute tip of second male pleopod beta-shaped.

REMARKS. — *M. spinimanus* resembles *M. hawaiiensis* in having a minutely granulate carapace with indistinct radial tubercles, minutely dentate, cristate anterolateral margins and a keel-like tubercle proximally on