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**On the Distribution of Decapod Crustaceans
inhabiting the Continental Shelf around
Japan, chiefly based upon the Materials
collected by S. S. Sôyô-Marû, during
the Year 1923-1930.**

By

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With seventy-one Figures in the Text.

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Introduction.

The biological survey of the continental shelf of Japan, surrounding Honsyû, Sikoku and Kyûsyû, done by S. S. Sôyô-Marû, the

[Jour. Coll. Agric., Vol. XII, No. 1, 1933]

Genus **CTENOCHÉLES** KISHINOUE.**87. *Ctenocheles balssi*** KISHINOUE.

KISHINOUE, 1926, p. 63, Fig. 1.

LOC. Station 542, Wakasa Bay, 119 m. deep. July 1930. 1 female.

DISTRIBUTION: Japan Sea: near Kasiwazaki, Niigata-ken and Wakasa Bay.

TRIBE GALATHEIDEA.

Family **Galatheidæ** DANA.

Subfamily Galatheinae ORTMANN.

Genus **GALATHEA** FABRICIUS.**88. *Galathea acanthomera*** STIMPSON.

STIMPSON, 1858, p. 252; 1907, p. 232; BALSS, 1913, p. 2, Fig. 1 (Cited other literature and synonyms.).

LOC. Station 289, east of Omae-zaki, 84 m. deep. July 5, 1928. 1 male.

Station 324, south-west coast of Sikoku, 106 m. deep. July 21, 1928. 2 males.

Station 352, west of Tanabe, Wakayama-ken, 154 m. deep. August 1, 1928. 1 egg-bearing female.

Station 385, southern coast of Atumi, Aiti-ken, 18-23 m. deep. December 4, 1927. 1 egg-bearing female.

Station 469, north-east of Is. Iki, 91 m. deep. July 25, 1929. 1 male.

Station 524, coast of Tottori-ken, 88 m. deep. August 23, 1929. 2 males and 2 egg-bearing femals.

DISTRIBUTION: Japan: Bonin Islands, Tokyo Bay, Sagami Bay, Kagosima, Maizuru and above localities. Depth: Littoral to 200 m.

89. *Galathea integra* BENEDICT.

BENEDICT, 1903, p. 248; BALSS, 1913, p. 7, Fig. 4.

LOC. Off Siwoya, November 30, 1925. 1 egg-bearing female.
Station 9, south of Inuboe-zaki, 138 m. deep. June 22,

1926. 1 female.
 Station 74, east coast of Aomori-ken, 219 m. deep. July 27, 1926. 1 male.
 Station 239, near Misaki, Sagami Bay, 307 m. deep. November 6, 1927. 3 males and 1 egg-bearing female.
 Station 266, Suruga Bay, 128 m. deep. November 18, 1927. 1 male.
 Station 282, Suruga Bay, 110 m. deep. July 4, 1928. 1 male.
 Station 285, east of Omae-zaki, 71 m. deep. July 4, 1928. 1 broken specimen.
 Station 289, east of Omae-zaki, 84 m. deep. July 5, 1928. 1 male.
 Station 294, north of Is. Tanega-sima, 102 m. deep. July 10, 1928. 1 male.
 Station 301, east of Kagosima-ken, 181 m. deep. July 12, 1928. 1 male.
 Station 465, north of Is. Gotô, west of Hirato, 106 m. deep. August 22, 1929. 1 egg-bearing female.
 Station 572, north of Noto, 132 m. deep. July 27, 1930. 1 female.
 Station 637, north of Oga, 145 m. deep. August 18, 1930. 1 male and 1 egg-bearing female.
 Station 645, west of Aomori-ken, 115 m. deep. August 22, 1930. 2 males.
 Station 646, west of Tugaru Strait, 123 m. deep. August 22, 1930. 1 male and 1 female.
 Station 651, Tugaru Strait, 91 m. deep. August 23, 1930. 1 female.

DISTRIBUTION: Japan: Tokyo Bay, Sagami Bay and above localities. Depth: 71-307 m.

90. *Galathea multilineata* BALSS.

BALSS, 1913, p. 9, Fig. 6.

LOC. Station 228, west of Muroto-zaki, 210 m. deep. July 20, 1927. 1 male.

DISTRIBUTION: Japan: Sagami Bay and above locality. Depth: 120 or 210 m.

91. *Galathea latirostris* DANA.

DANA, 1852, p. 480, Pl. 30, Fig. 8; BALSS, 1913, p. 10, Figs. 9, 10.

- LOC. Station 211, near Tanabe, Wakayama-ken, 190 m. deep.
July 14, 1927. 1 male.
Station 212, west of Tanabe, Wakayama-ken, 181 m. deep.
July 14, 1927. 1 male and 1 egg-bearing female.
Station 299, east of Kagosima-ken, 115 m. deep. July 11,
1928. 1 female.
Station 317, coast of Miyazaki-ken, 97 m. deep. July 16,
1928. 1 male.
Station 376, near Omae-zaki, 64 m. deep. August 13,
1928. 1 egg-bearing female.
Station 385, southern coast of Atumi, Aiti-ken, 18-23 m.
deep. December 4, 1927. 1 egg-bearing female.
Station 465, near middle between Is. Iki and Is. Gotô,
106 m. deep. July 24, 1927. 2 egg-bearing females.

DISTRIBUTION: Fiji Islands; Bonin Islands. From Japanese waters it has not been known.

92. *Galathea pubescens* STIMPSON.

STIMPSON, 1858, p. 252; 1907, p. 233; BALSS, 1913, p. 11, Figs. 11, 12.

- LOC. Station 220, west of Muroto-zaki, 234 m. deep. July 19,
1927. 1 male.

DISTRIBUTION: Ousima, Sagami Bay, Hakodate and above locality.

93. *Galathea australiensis* STIMPSON.

STIMPSON, 1858, p. 252; 1907, p. 233; HENDERSON, 1838, p. 118, Pl. 12,
Fig. 5; HASWELL, 1882, p. 161; BALSS, 1913, p. 13, Fig. 13.

- LOC. Station 274, Suruga Bay, 51 m. deep. July 2, 1928. 1
male and 1 egg-bearing female.
Station 467, south-east of Is. Tusima, 110 m. deep. July
25, 1929. 1 egg-bearing female.

Cheliped more slender than that in the figure given by BALSS.

DISTRIBUTION: Port Jackson; Arafura Sea; Japan: Sagami Bay and above localities.

.

94. *Galathea subsquamata* STIMPSON.

STIMPSON, 1858, p. 252; 1907, p. 233; HENDERSON, 1888, p. 118, Pl. 12, Fig. 4.

LOC. Station 9, south of Inuboe-zaki, 238 m. deep. June 22, 1926. 1 female.

DISTRIBUTION: Philippine Islands; Japan: Ousima and above locality.

Genus **MUNIDA** LEACH.

95. *Munida japonica* STIMPSON.

STIMPSON, 1858, p. 252; 1907, p. 235; MIERS, 1879, p. 51; ORTMANN, 1892, p. 254; BORRADAILE, 1900, p. 422; DOFLEIN, 1902, p. 644; DE MAN, 1902, p. 724; BALSS, 1913, p. 15, Fig. 14.

Munida japonica heteracantha, ORTMANN, 1892, p. 255; DOFLEIN, 1902, p. 644.

M. sagamiensis, DOFLEIN, 1902, p. 623.

M. honsuensis, BENEDICT, 1903, p. 262.

LOC. Station 9, south of Inuboe-zaki, 138 m. deep. June 22, 1926. 2 females.

Station 68, near middle between Sิริya-zaki and Todosaki, 179 m. deep. July 25, 1926. 1 male.

Station 76, south of Sิริya-zaki, 128 m. deep. July 21, 1926. 1 female.

Station 80, south of Siwoya-zaki, 113 m. deep. November 1, 1926. 1 male and 1 egg-bearing female.

Station 188, south-east of Omae-zaki, 214 m. deep. June 30, 1927. 2 egg-bearing females.

Station 208, near Siwo-misaki, 219 m. deep. July 13, 1927. 1 male.

Station 210, west of Siwo-misaki, 165 m. deep. July 14, 1927. 1 male.

Station 211, near Tanabe, Wakayama-ken, 190 m. deep. July 14, 1927. 2 males and 2 females.

Station 212, near Tanabe, Wakayama-ken, 181 m. deep. July 14, 1927. 1 male and 1 female.

Station 220, west of Muroto-zaki, 234 m. deep. July 19, 1927. 2 egg-bearing females.

Station 221, north-west of Muroto-zaki, 209 m. deep. July

- 20, 1927. 1 male.
- Station 222, west of Muroto-zaki, 210 m. deep. July 20, 1927. 1 female.
- Station 228, near Asizuri-zaki, 201 m. deep. July 24, 1927. 1 male.
- Station 229, south of Asizuri-zaki, 256 m. deep. July 27, 1927. 1 male.
- Station 253, Sagami Bay, 452 m. deep. November 9, 1927. 1 male.
- Station 259, Suruga Bay, 188 m. deep. November 15, 1927. 1 male.
- Station 271, west of Sunosaki, 82 m. deep. November 18, 1927. 1 male.
- Station 275, Suruga Bay, 62 m. deep. July 2, 1928. 1 male.
- Station 277, Suruga Bay, 91 m. deep. July 2, 1928. 1 male.
- Station 278, Suruga Bay, 79 m. deep. July 2, 1928. 1 male.
- Station 289, east of Omae-zaki, 84 m. deep. July 5, 1928. 1 male.
- Station 291, near Omae-zaki, 77 m. deep. July 5, 1928. 1 egg-bearing female.
- Station 294, north of Is. Tanegasima, 102 m. deep. July 10, 1928. 1 male.
- Station 296, east of Is. Tanegasima, 219 m. deep. July 11, 1928. 1 male.
- Station 300, east of Kagosima-ken, 110 m. deep. July 11, 1928. 3 males.
- Station 311, east of Miyazaki-ken, 165 m. deep. July 15, 1928. 1 male.
- Station 315, east of Miyazaki-ken, 421 m. deep. July 15, 1928. 1 male.
- Station 318, Bungo Strait, 324 m. deep. July 16, 1928. 1 male.
- Station 322, west of Muroto-zaki, 110 m. deep. July 16, 1928. 2 males.
- Station 324, Bungo Strait, 106 m. deep. July 21, 1928. 5 males and 9 females, 7 bear eggs.

- Station 326, Bungo Strait, 393 m. deep. July 21, 1928. 1 female.
- Station 334, south of Asizuri-zaki, 91 m. deep. July 26, 1928. 1 male.
- Station 337, north-east of Asizuri-zaki, 130 m. deep. July 26, 1928. 1 female.
- Station 344, south of Muroto-zaki, 543 m. deep. July 29, 1928. 1 male.
- Station 349, Kii Strait, 152 m. deep. August 1, 1928. 1 male and 2 egg-bearing females.
- Station 352, west of Tanabe, Wakayama-ken, 154 m. deep. August 1, 1928. 1 male.
- Station 365, south-east coast of Mie-ken, 93 m. deep. August 10, 1928. 1 male.
- Station 377, south of Omae-zaki, 82 m. deep. August 14, 1928. 1 egg-bearing female.
- Station 394, near Tanabe, Wakayama-ken, 76 m. deep. February 26, 1929. 1 male.
- Station 412, west of Sata-misaki, Kagosima-ken, 219 m. deep. July 13, 1929. 1 egg-bearing female.
- Station 413, near middle between Sata-misaki and Is. Yaku, 249 m. deep. July 13, 1929. 1 egg-bearing female.
- Station 417, south of Satuma, Kagosima-ken, 122 m. deep. July 14, 1929. 1 male.
- Station 420, south Is. Kosiki, 132 m. deep. July 15, 1929. 6 males.
- Station 425, near Is. Kosiki, 300 m. deep. July 15, 1929. 1 egg-bearing female.
- Station 428, near middle between Nagasaki and Is. Kosiki, 119 m. deep. July 16, 1929. 1 male and 1 egg-bearing female.
- Station 431, south-east of Is. Gotô, 152 m. deep. July 16, 1929. 1 egg-bearing female.
- Station 435, south of Is. Gotô, 324 m. deep. July 18, 1929. 1 male.
- Station 438, south-west of Is. Gotô, 219 m. deep. July 19, 1929. 3 males and 5 females, 4 bear eggs.
- Station 439, south-west of Is. Gotô, 155 m. deep. July 19, 1929. 1 egg-bearing female.

- Station 440, south-west of Is. Gotô, 152 m. deep. July 19, 1929. 6 males and 2 egg-bearing females.
- Station 444, south of Is. Gotô, 194 m. deep. July 20, 1929. 1 male and 2 egg-bearing females.
- Station 446, west of Is. Gotô, 117 m. deep. July 20, 1929. 1 male and 1 egg-bearing female.
- Station 447, near Is. Gotô, 90 m. deep. July 20, 1929. 1 male and 2 females.
- Station 451, west of Is. Gotô, 187 m. deep. July 22, 1929. 1 male.
- Station 462, south of Is. Tusima, 117 m. deep. July 24, 1929. 1 egg-bearing female.
- Station 464, near middle between Is. Tusima and Gotô, 146 m. deep. July 24, 1929. 2 males.
- Station 465, north of Is. Gotô, 106 m. deep. July 24, 1929. 2 males and 1 egg-bearing female.
- Station 467, south-east of Is. Tusima, 110 m. deep. July 25, 1929. 1 male and 1 egg-bearing female.
- Station 468, west of Is. Iki, 112 m. deep. July 25, 1929. 1 male.
- Station 471, north-west of Nagato, Yamaguti-ken, 90 m. deep. July 27, 1929. 1 egg-bearing female.
- Station 485, east Is. Misima, 93 m. deep. August 11, 1929. 1 female.
- Station 542, Wakasa Bay, 119 m. deep. July 18, 1930. 3 males.
- Station 549, west of Mikuni, Hukui-ken, 115 m. deep. July 20, 1930. 1 male and 1 female.
- Station 553, north of Mikuni, Hukui-ken, 113 m. deep. July 21, 1930. 1 egg-bearing female.
- Station 568, north of Noto, 90 m. deep. July 27, 1930. 1 male and 3 females.
- Station 572, north of Noto, 132 m. deep. July 27, 1930. 1 male and 5 young specimens.
- Station 583, Toyama Bay, 110 m. deep. July 30, 1930. 1 male.
- Station 584, Toyama Bay, 212 m. deep. July 30, 1930. 1 male.
- Station 587, Toyama Bay, 97 m. deep. August 2, 1930. 2

egg-bearing females.

Station 588, Toyama Bay, 219 m. deep. August 2, 1930.
1 male and 1 broken specimen.

Station 591, western coast of Niigata-ken, 311 m. deep.
August 3, 1930. 4 males and 1 female.

Station 594, north-west of Niigata, 72 m. deep. August
4, 1930. 3 males.

Station 595, south of Is. Sado, 145 m. deep. August 7,
1930. 1 male and 2 females.

Station 599, north of Is. Sado, 181 m. deep. August 9,
1930. 1 male.

Station 606, north of Is. Sado, 117 m. deep. August 10,
1930. 2 males and 1 female.

Station 617, off the mouth of Mogami River, 106 m. deep.
August 14, 1930. 1 male and 2 females, 1 bears eggs.

Station 618, off the mouth of Mogami River, 135 m. deep.
August 14, 1930. 3 males and 4 females, 3 bear eggs.

Station 620, off Yamagata-ken, 139 m. deep. August 15,
1930. 2 males and 1 egg-bearing female.

Station 627, south of Oga, 148 m. deep. August 17, 1930.
1 egg-bearing female.

Station 630, south of Oga, 150 m. deep. August 17, 1930.
1 male and 2 females, 1 bears eggs.

Station 636, north of Oga, 115 m. deep. August 18, 1930.
3 males and 1 female.

Station 637, north of Oga, 145 m. deep. August 18, 1930.
2 males and 1 female.

Station 638, west of Tubaki-zaki, Aomori-ken, 73 m. deep.
August 18, 1930. 2 males and 5 females.

Station 640, near Tubaki-zaki, 179 m. deep. August 22,
1930. 1 male and 1 egg-bearing female.

Station 642, north of Tubaki-zaki, 364 m. deep. August
22, 1930. 1 female.

Station 643, west of northern Aomori-ken, 132 m. deep.
August 22, 1930. 1 male.

Station 645, west of northern Aomori-ken, 115 m. deep.
August 22, 1930. 33 males and 21 females, most bear
eggs.

Station 646, west of northern Aomori-ken, 123 m. deep.

August 22, 1930. 2 males.

Station 647, west of northern Aomori-ken, 86 m. deep.

August 23, 1930. 1 male.

Station 651, Tugaru Strait, 91 m. deep. August 23, 1930.

2 egg-bearing females.

As suggested by BALSS in 1913, numerous specimens before me show that *M. japonica heteracantha* as well as *M. sagamiensis* and *M. honsyuensis* are nothing but synonyms of the present species.

DISTRIBUTION: Japan: Sagami Bay, Kagosima Bay, Corea Strait and above localities. Talili Bay; New Britannia; Halmahera. Depth to 543 m.

96. *Munida andamanica* ALCOCK.

ALCOCK, 1901, p. 242, Illustration Investigator, Pl. 13, Fig. 2; BALSS, 1913, p. 17; DOFLEIN and BALSS, 1913, p. 143.

Munida curvatura, BENEDICT, 1903, p. 253.

LOC. Station 217, north-east of Muroto-kaki, 421 m. deep. July 19, 1927. 1 female.

Station 223, south of Kôti, 311 m. deep. July 20, 1927. 1 male.

Station 264, Suruga Bay, 280 m. deep. November 17, 1927. 2 females, 1 bears eggs.

Station 321, Bungo Strait, 457 m. deep. July 16, 1928. 1 male and 1 female.

Station 326, Bungo Strait, 393 m. deep. July 21, 1928. 1 male.

Station 382, near Owase, Mie-ken, 180 m. deep. December 4, 1928. 1 male.

Station 383, east of Owase, Mie-ken, 353 m. deep. December 4, 1928. 3 males and 3 females.

DISTRIBUTION: Andaman Sea; Arabian Sea; east coast of Africa; near Sumatra; Japan: Sagami Bay and above localities.

97. *Munida scabra* HENDERSON.

HENDERSON, 1885, p. 409; 1888, p. 134, Pl. 15, Fig. 1.

LOC. Station 9, south of Inuboe-zaki, 138 m. deep. June 22, 1926. 1 egg-bearing female.

- Station 255, Sagami Bay, 263 m. deep. November 10, 1927. 1 female.
- Station 316, east of Miyazaki-ken, 190 m. deep. July 16, 1928. 1 male.
- Station 322, west of Muroto-zaki, 110 m. deep. July 16, 1928. 1 male.
- Station 326, Bungo Strait, 393 m. deep. July 21, 1928. 1 male.
- Station 435, south of Is. Gotô, 324 m. deep. July 18, 1929. 1 male.
- Station 438, south-west of Is. Gotô, 219 m. deep. July 19, 1929. 1 male and 4 females.
- Station 440, south-west of Is. Gotô, 152 m. deep. July 19, 1929. 1 male and 1 egg-bearing female.
- Station 444, south of Is. Gotô, 194 m. deep. July 20, 1929. 1 male.
- Station 449, north-west of Is. Gotô, 155 m. deep. July 22, 1929. 1 male and 1 female.
- Station 451, west of Is. Gotô, 187 m. deep. July 22, 1929. 3 males.
- Station 454, east of Is. Saisyûtô, 113 m. deep. July 23, 1929. 1 male.
- Station 462, south of Is. Tusima, 117 m. deep. July 24, 1929. 1 male and 1 egg-bearing female.
- Station 465, north of Is. Gotô, west of Hirato, 106 m. deep. July 25, 1929. 2 females.

The specimens strictly coincide with the description and the figure given by the author.

DISTRIBUTION: off Little Ki Island (140 fms.); from Japanese waters it has not been reported.

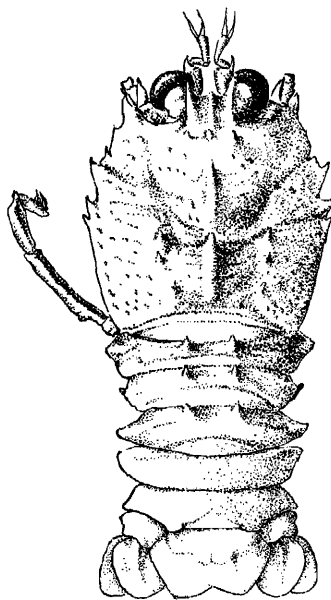
98. *Munida brevirostris* n. sp.

(Text-fig. 28.)

LOC. Station 465, north of Is. Gotô, 106 m. deep. July 24, 1929. 1 male.

This peculiar species is easily distinguishable from other allied species.

The rostrum is very short, and is slightly indicated by a small projection in the middle between the supraorbital teeth. From this rostral projection a light keel is continued backwards in the middle line of the carapace. On the surface there are minute scales and teeth; two teeth in the middle line are prominent, one on the gastric and the other on the cardiac region. Just before the latter is the cervical groove, which is continuous to the notch on the lateral margin of the carapace. Behind the supraorbital tooth there is a small one and two somewhat larger teeth are on each side of the cardiac one. On the lateral margin there are three teeth behind the extraorbital angle before the said lateral notch; in these three teeth the posterior one is much larger than the anterior two. Behind the lateral notch two teeth are on the margin.



Text-fig. 28. *Munida brevisrostris* n. sp. (×5)

Each of the second, the third and the fourth abdominal somites is provided with a pair of teeth on the dorsal aspect.

Eye-stalk stout, cornea dilated. Basal peduncular joint of first antenna stout, longer than eye, produced to a point at the outer margin; distal two joints nearly as long as the proximal one and usually plicated. Peduncle of second antenna short, flagellum missing in the specimen. All pereopods, but last one also missing in the specimen.

Genus **CERVIMUNIDA** BENEDICT.

99. *Cervimunida princeps* BENEDICT.

BENEDICT, 1903, p. 249; BOUVIER, 1906, p. 480; BALSS, 1913, p. 18, Pl. 1, Fig. 1, Text-fig. 15.

LOC. Mitani, Aiti-ken, market, December 3, 1927. 1 male.
Station 138, east of Kinkazan, 285 m. deep. November

- 24, 1925. 1 male.
 Station 157, near Inuboe-zaki, 76 m. deep. November 9, 1926. 1 male and 1 egg-bearing female.
 Station 159, north-east of Inuboe-zaki, 208 m. deep. November 13, 1926. 1 male.
 Station 223, south of Kôti, 311 m. deep. July 20, 1927. 1 female.
 Station 253, Sagami Bay, 452 m. deep. November 9, 1927. 1 male.
 Station 255, near Simoda, 263 m. deep. November 10, 1927. 1 young specimen.
 Station 326, Bungo Strait, 393 m. deep. July 21, 1928. 3 males and 2 females.
 Station 381, east of Owase, Mie-ken, 329 m. deep. December 3, 1927. 4 males and 2 females.
 Station 382, east of Owase, Mie-ken, 180 m. deep. December 4, 1927. 4 males and 1 female.
 Station 386, off the mouth of the River Tenryû, 100 m. deep. December 11, 1927. 2 males and 1 egg-bearing female.
 Station 605, north of Is. Sado, 139 m. deep. August 10, 1930. 1 female.
 Station 616, off Yamagata-ken, 106 m. deep. August 14, 1930. 1 male.

DISTRIBUTION: Japan: Sagami Bay and above localities. Depth between 76 m. and 452 m.

Subfamily Munidopsinae ORTMANN.

Genus **MUNIDOPSIS** WHITEAVES.

100. *Mupidopsis trifida* HENDERSON.

HENDERSON, 1888, p. 156, Pl. 16, Fig. 2; ALCOCK, 1901, p. 260;
 BENEDICT, 1903, p. 329; BALSS, 1913, p. 20.

Loc. Station 264, Suruga Bay, 280 m. deep. November 17, 1927. 1 male.

DISTRIBUTION: West of Patagonia; Bay of Bengal; Arabian Sea; Japan: Sagami Bay, Suruga Bay.

Family *Chirostylidae* ORTMANN.Genus *EUMUNIDA* SMITH.**101. *Eumunida smithii* HENDERSON.**

HENDERSON, 1888, p. 169, Pl. 15, Fig. 5; BALSS, 1913, p. 21, Figs. 16, 17.

- LOC. Station 257, east of Simoda, 137 m. deep. November 10, 1927. 1 female.
 Station 435, south Is. Gotô, 324 m. deep. July 18, 1929. 1 female.

In the specimen from Station 435, the supraorbital spine is distinctly longer than the rostral one.

DISTRIBUTION: Little Ki Island; Japan: Sagami Bay and above locality.

Genus *UROPTYCHUS* HENDERSON.**102. *Uroptychus nitidus occidentalis* FOXON.**

FOXON, 1895, p. 101; BALSS, 1913, p. 27.

- LOC. Station 223, south of Kôti, 311 m. deep. July 20, 1927. 2 females.
 Station 233, Kurose Bank near Hatizyô, Isl. 198 m. deep. July 30, 1927. 1 female.
 Station 261, Suruga Bay, 609 m. deep. November 15, 1927. 1 female.
 Station 277, Suruga Bay, 91 m. deep. July 2, 1928. 1 male.
 Station 309, east of Kagosima-ken, 472 m. deep. July 14, 1928. 1 male.
 Station 335, east of Asizuri-zaki, 399 m. deep. July 26, 1928. 1 male.
 Station 342, west of Muroto-zaki, 288-527 m. deep. July 28, 1928. 1 male.
 Station 352, west of Tanabe, Wakayama-ken, 154 m. deep. August 1, 1928. 1 egg-bearing female.
 Station 355, Kii Strait, 439 m. deep. August 4, 1928. 1 egg-bearing female.
 Station 356, near Siwo-misaki, 384 m. deep. August 8, 1928. 1 egg-bearing female.

Station 367, south-east of Toba, Mie-ken, 291 m. deep.

August 10, 1928. 1 young female.

Station 368, south of Atumi, Aiti-ken, 600 m. deep.

August 10, 1928. 1 male.

Station 372, south of Lake Hamana, 466 m. deep. August 13, 1928. 1 female.

DISTRIBUTION: Panama; Japan: Sagami Bay and above localities. 91 m. is the most shallow in the known depth.

103. *Uroptychus scandens* BENEDICT.

BENEDICT, 1903, p. 298; BALSS, 1913, p. 27, Figs. 19, 20.

LOC. Station 103, east of Bôsyû, 117 m. deep. February 26, 1927. 1 female.

Station 282, Suruga Bay, 110 m. deep. July 4, 1928. 1 female.

Station 319, Bungo Strait, 210 m. deep. July 16, 1928. 1 egg-bearing female.

Station 326, Bungo Strait, 393 m. deep. July 21, 1928. 2 egg-bearing females.

DISTRIBUTION: Japan: near Sagami Bay and above localities. Depth: 110-393 m.

104. *Uroptychus grandirostris* n. sp.

(Text-fig. 29.)

LOC. Station 210, west of Siwo-misaki, 165 m. deep. July 14, 1928. 2 egg-bearing females.

Station 212, west of Tanabe, Wakayama-ken, 181 m. deep. July 14, 1928. 2 males and 1 egg-bearing female.

Station 222, west of Muroto-zaki, 210 m. deep. July 20, 1928. 1 male.

Station 412, west of Sata-misaki, Kagosima-ken, 219 m. deep. July 13, 1929. 1 female.

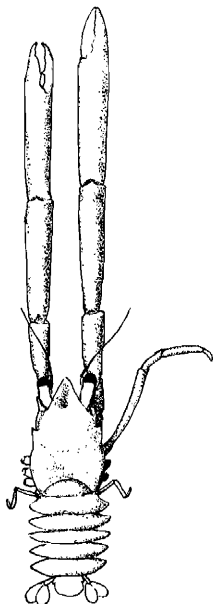
Station 429, south of Nagasaki, 223 m. deep. July 16, 1929. 1 male.

Station 438, south-west of Gotô Isls., 219 m. deep. July 19, 1929. 1 male.

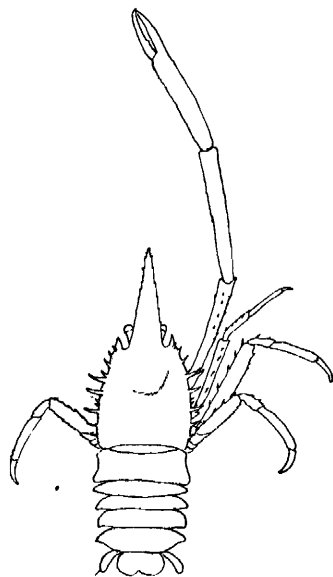
Station 444, south of Gotô Isls., 194 m. deep. July 20, 1929. 1 egg-bearing female.

The new species is easily distinguishable from other species of this genus in the large rostrum, which is more than three times the length of the eye-stalk and its width is more than one third the width of the carapace excluding the lateral spine. These lateral spines are arranged like those of *Uroptychus spinimarginatus* HENDERSON¹⁾. In other respects the present species is nearly allied to this species, but it differs in the larger rostrum, in the narrower lateral spines and in the somewhat narrower carapace. The body is covered with short hairs, the rostrum is longitudinally sulcated and the gastric region of the carapace is somewhat convex.

Depth: 165–223 m.



Text-fig. 30. *Uroptychus latirostris* n. sp. (×2)



Text-fig. 29. *Uroptychus grandirostris* n. sp. (×3)

105. *Uroptychus latirostris* n. sp.

(Text-fig. 30.)

Loc. Station 330, near Asizuri-zaki, 102 m. deep. July 22, 1928. 1 egg-bearing female.

Carapace dorsally flat and smooth; rostrum broad triangular, its dorsal surface concave and nearly as long as eye. Lateral margin of the carapace with a broad but pointed tooth a little in front of the cervical groove. Chelipeds cylindrical and smoothly surfaced; the right one a little longer than the left.

¹⁾ HENDERSON, 1888, p. 175, Pl. 21, Fig. 2.

Family **Porcellanidae** HENDERSON.Genus **PETROLISTHES** STIMPSON.**106. *Petrolisthes militaris*** (HELLER).*Porcellana militaris*, HELLER, 1862, p. 523; DE MAN, 1887, p. 410.*Petrolisthes militaris*, ORTMANN, 1892, p. 265.

LOC. Station 294, north of Tanegasima Isl., 102 m. deep. July 10, 1928. 1 egg-bearing female.

DISTRIBUTION: Nicobar Islands; Edam Isl.; Japan: Amami Ōsima; and above locality.

Genus **PORCELLANELLA** WHITE.**107. *Porcellanella picta*** STIMPSON.

STIMPSON, 1858, p. 243; 1907, p. 193, Pl. 22, Fig. 6.

LOC. Station 384, near Toba, Mie-ken, 38-21 m. deep. December 4, 1927. 3 males and 1 egg-bearing female.

No marking on the carapace seen in the figure given by STIMPSON.

DISTRIBUTION: near Hongkong, China; from Japanese waters none has been reported.

TRIBE PAGURIDEA.

Family **Pylochelidae** BATE.Genus **MIXTOPAGURUS** MILNE-EDWARDS.**108. *Mixtopagurus spinosus*** (HENDERSON).*Pylocheles spinosus*, HENDERSON, 1888, p. 101, Pl. 11, Fig. 1; ORTMANN, 1892, p. 274.*Mixtopagurus spinosus*, BALSS, 1913, p. 34.

LOC. Station 239, Sagami Bay, 307 m. deep. November 6, 1927.
1 male.

Station 266, Suruga Bay, 128 m. deep. November 18, 1927.
1 egg-bearing female.

Station 282, Suruga Bay, 110 m. deep. July 4, 1928. 1
male.

DISTRIBUTION: Twofold Bay, Australia; Japan: Tokyo Bay, Sagami Bay and Suruga Bay. Depth: 100-307 m.