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Mysidacea

CAPE OF GOOD HOPE. H. NOUVEL

DEPARTMENT OF AGRICULTURE.

MARINE INVESTIGATIONS  
IN  
SOUTH AFRICA.

SOUTH AFRICAN CRUSTACEA.

PART II.

BY THE

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The uropods have the inner branch oval, longer than the telson but narrower, the outer reaching beyond the inner, though scarcely so long; the outer branch fully as wide as the telson; both branches thickly fringed with long plumose setæ, and the outer with a surface row of spinules near the distal margin.

Length, 19 mm. A single specimen.

Locality:—St. Francis Bay. Lat., 31° 2' 45" S.; long., 25° 10' 00" E. Depth, 30-34 fathoms.

The specific name refers to the shape of the telson. From *C. subterranea*, which in several respects it approaches, the species is distinguished by the much longer palm of the great cheliped, the differently-shaped fingers, and apparently by the much smaller process of the fourth joint, the differently-placed dentate crest of the third maxillipeds, and the much smaller size of the animal. From *C. pachydactyla*, A. Milne Edwards, it is distinguished by the dentate fourth joint of the larger first cheliped, and the elongate fifth joint of its smaller companion.

## SCHIZOPODA.

1885. *Schizopoda*, Sars, Challenger Schizopoda, Reports, vol. 13.  
1900. *Schizopoda*, Stebbing, Proc. Zool. Soc. London, p. 537.

## FAM.: LOPHOGASTRIDAE.

## GEN.: LOPHOGASTER, M. Sars.

1857. *Lophogaster*, M. Sars, Forhandl. Skand. Naturf. Møde i Christiania, 1856, p. 160.  
1885. *Lophogaster*, G. O. Sars, Challenger Schizopoda Reports, vol. 13, p. 14.

## LOPHOGASTER TYPICUS, M. Sars.

1857. *Lophogaster typicus*, M. Sars, Forhandl. Skand. Naturf. Møde i Christiania, 1856, p. 160.  
1862. *Ctenomysis alata*, Norman, Rep. Brit. Assoc., 1861, p. 151.  
1862. *Lophogaster typicus*, M. Sars, Christiania Universitets-program, pp. 1-37, pl. 1-3.  
1885. *Lophogaster typicus*, G. O. Sars, Challenger Schizopoda Reports, vol. 13, p. 14, pl. 1, figs. 1-7.  
1892. *Lophogaster typicus*, Norman, Ann. Nat. Hist. ser. 6, vol. 9, p. 459.

The references are taken from the last two authorities. Professor G. O. Sars describes three specimens from south of the Cape. One of these was a male, 25 mm (an inch) long, with only three teeth on the outer margin of the antennal scale. The specimen now noted measured at least an inch, and has four teeth on the outer margin of the scale. The distal part of the telson was unfortunately broken off. The bipinnate branchiæ add much to the beauty of this species as the series is visible at each side of the translucent carapace, and two rows at right angles to the others meet along the centre of the ventral surface. Sars has called attention to the curious circumstance that this schizopod, first known from Norway and the Shetland Isles and then from the neighbourhood of the Cape, so far remains unknown from intermediate waters.

Locality:—Cape St. Blaize, N.E. by N.  $\frac{1}{4}$  N.  $11\frac{1}{2}$  miles. Depth, 40 fathoms. Bottom, sand and rock.

#### STOMATOPODA.

1852. *Squilloidea*. Dana, U.S. Expl. Exp., vol. 13. Crustacea, p. 614.  
 1876. "*Stomatopoden*," Claus, Unters. geneal. Crustaceen-Systemen, p. 70, etc.  
 1883. *Squillacea*. Boas, Morphologisches Jahrbuch. vol. 8. p. 574.  
 1885. *Stomapoda*, Carus, Prodrömus Faunæ Mediterraneæ, vol. 1, p. 464.  
 1886. *Stomatopoda*. Brooks, Challenger Stomatopoda, Reports, vol. 16.  
 1893. *Stomatopoda*, Stebbing, History of Crustacea, p. 279.  
 1894. *Stomapoda*, Alcock, Ann. Nat. Hist., ser. 6. vol. 13. p. 409.  
 1894. *Stomatopoda*, Bigelow, Proc. U.S. Mus., vol. 17, p. 490.  
 1895. *Stomatopoda*, Hansen. Isop. Cumac. und Stomatopoden Plankton-Exp., p. 64.

The name *Stomapoda* of Latreille is far older than the term *Stomatopoda*, but the latter has the advantage of keeping in mind Latreille's authorship, without perpetuating the confusion involved in the group as he understood it.

#### FAM.: SQUILLIDAE.

As this is the only family at present assigned to the order, the above references will be a sufficient guide to the sources of information, which are numerous.