

genus, on account of its occurrence so far north as California, has been briefly characterised by Lockington<sup>1</sup> as follows:—"Thorax and abdomen conspicuously keeled upon the centre of every segment; the first segment slightly waved on its posterior margin, the curve of the segments increasing rapidly in such a manner that the last entirely encloses the free abdominal segments on their sides. Caudal segment rounded at the extremity, with two marginal teeth on each side at a considerable distance from the extremity, the central carina running the entire length of the segment; last basal joint of inner antennæ longer than the flagellum; flagellum of outer antennæ much shorter than either of the two of the preceding basal joints, and last basal joint about equal in length to the penultimate. Eyes large, reniform, conspicuous. The texture of the upper surface of a dried specimen under a two-thirds power has a somewhat squamate appearance. Colour a greyish-brown, diversified with dots and irregular markings of black; hands long and slender; dactylos equal in length to the manus.

"Length, 0·21 inch; width, 0·16 inch."

Two specimens from San Diego, California.

1. *Serolis paradoxa* (Fabricius) (Pl. V. figs. 12-14).

*Oniscus paradoxus*, Fabricius, Mantissa Insectorum, Hafniæ, 1787, t. i. p. 240; Systema Entomologiae, Flensburgi et Lipsiæ, 1775, p. 296.

*Cymothoa paradoxa*, Fabricius, Entomologia Systematica, Hafniæ, 1792-98, Suppl., p. 304, and t. ii. p. 503.

*Serolis fabricii*, Leach, Dict. d. Sci. Nat., 1818, t. xii. p. 340.

*Serolis orbigny*, Audouin and Milne-Edwards, Arch. d. Mus. d' Hist. Nat., 1841, t. ii. p. 25.

*Serolis orbigniana*, Milne-Edwards, Hist. Nat. d. Crust., vol. iii. p. 232.

*Serolis paradoxa*, Miers, Crustacea collected during Survey of H.M.S. "Alert," Proc. Zool. Soc. Lond., 1881, p. 61.

*Serolis paradoxa* is the type species upon which the genus *Serolis* was founded by Leach. The animal was first obtained on the shores of Patagonia by Sir Joseph Banks at the close of the last century, and these specimens were described by Fabricius as *Oniscus paradoxus*; in a subsequent work Fabricius altered the name to *Cymothoa paradoxa*. In the twelfth volume of the Dictionnaire des Sciences Naturelles, Leach gave some account of this species which he termed "*Serolis fabricii*." The first full description of the species is contained in the memoir of Audouin and Milne-Edwards,<sup>2</sup> and subsequently Grube<sup>3</sup> in his important Monograph gave a fuller account of this same species, but under the name of *Serolis orbigniana*. In a short note published in the Journal of the Godeffroy Museum,<sup>4</sup> Schmeltz called attention to the identity of *Serolis fabricii* with another species described by Audouin and Milne-Edwards under the name of *Serolis orbigny*. More recently Miers, in his account of the Crustacea collected during the voyage of the "Alert," has also pointed out the identity of these two species.

<sup>1</sup> *Proc. Calif. Acad. Nat. Sci.*, vol. vii. p. 36.

<sup>2</sup> *Loc. cit.*, p. 25.

<sup>3</sup> *Loc. cit.*, p. 225.

<sup>4</sup> Part xii. p. 161.