

## DESCRIPTION OF SPECIES.

---

The following is a complete list of all the species of *Serolis* that are known to me either from the specimens contained in the Challenger Collection or from published descriptions, with the localities and depths at which they occur, and a reference to the first published description; they are arranged in order of discovery.

1. *Serolis paradoxa* (Fabr.) (= *Serolis orbigny*, M.-E.), Mantissa Insectorum; Patagonia and the Falkland Islands, New Zealand (?), Senegal (?), 5 fathoms.
2. *Serolis trilobitoides* (Eights), Trans. Albany Inst., 1833; South Shetlands, Patagonia, a few fathoms.
3. *Serolis gaudichaudii*, Aud. and M. E., Arch. d. Mus., 1841; Valparaiso, a few fathoms.
4. *Serolis planus*,<sup>1</sup> Dana, United States Expl. Exp.—Crustacea, part ii. p. 794, 1852; Patagonia, a few fathoms.
5. *Serolis convexa*, Cunningham, Trans. Linn. Soc. Lond., 1871; Patagonia, a few fathoms.
6. *Serolis schythei*, Ltk., Vidensk. Meddel. f. d. nat. Foren. i Kjøbenhavn, 1858; Patagonia, 4-55 fathoms.
7. *Serolis acutangula*, Gr.; Locality?
8. *Serolis tuberculata*, Gr., Archiv f. Naturgesch., 1875; Bass Strait.
9. *Serolis latifrons* (White), Miers, Ann. and Mag. Nat. Hist., Ser. 4, vol. xvi.; Kerguelen, Crozets, Auckland Islands, 1-210 fathoms.
10. *Serolis septemcarinata* (Miers) (= *Serolis ovalis*, St.), Ann. and Mag. Nat. Hist., Ser. 4, vol. xvi.; Marion Island, Prince Edwards Island, Kerguelen, 1-150 fathoms.
11. *Serolis cornuta*, Studer, Archiv f. Naturgesch., 1879; Crozets, Kerguelen, 1-120 fathoms.
12. *Serolis serrei*, Lucas, Bull. Ent. Franç.; Patagonia, a few fathoms.
13. *Serolis carinata*, Lockington, Proc. Calif. Acad. Nat. Sci.; San Diego, California.
14. *Serolis bromleyana*, Suhm, Proc. Roy. Soc. Lond., vol. xxiv. p. 591; off east coast of New Zealand, between New Zealand and Australia, at lat. 37° 53' S., long. 163° 18' E. (near Antarctic Ice-Barrier), 410, 700, 1100, and 1975 fathoms.
15. *Serolis necera*, F. E. B., Proc. Zool. Soc. Lond., 1884, pt. iii. p. 331; off Rio Janeiro, 600 and 2040 fathoms.
16. *Serolis gracilis*, F. E. B., loc. cit.; off Pernambuco, 675 fathoms.
17. *Serolis antarctica*, F. E. B., loc. cit.; off Pernambuco, 410 fathoms; near Crozets, 1375 and 1600 fathoms.
18. *Serolis australiensis*, F. E. B., loc. cit.; Australia, 38 fathoms.
19. *Serolis elongata*, F. E. B., loc. cit.; Australia, 30 fathoms.
20. *Serolis pallida*, F. E. B., loc. cit.; Australia, 35-40 fathoms.
21. *Serolis longicaudata*, F. E. B., loc. cit.; Australia, 38 fathoms.
22. *Serolis minuta*, F. E. B.; Australia, 38 fathoms.

From the above list it will be seen that the new species obtained by the Challenger are nearly as many as those previously known. Besides the nine new species already briefly

<sup>1</sup> It seems to me legitimate to alter the termination "us" into "a" as done by Grube; I have accordingly followed Grube in the text.