

SOME POISONOUS AUSTRALIAN SPIDERS.

By

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(Plates ii-iii.)

IN the present contribution I describe and figure two species of spiders which hitherto have been unrecorded as harmful to man, and give a figure of and notes on the Red-spot Spider.

I desire to express my indebtedness to the artists who have prepared the illustrations, to my assistant, Mr. T. G. Campbell, for checking the counts of the teeth on the falk-sheaths, to Dr. I. Mackerras for help with references for the bibliography of Red-spot Spider bites, and to Mr. E. Osborne, of Collaroy, near Sydney, for assistance in securing material.

Family AVICULARIIDAE.

Sub-family DIPLURINAE.

Group ATRACEAE.

Genus ATRAX O. P. Cambridge.

1877. *Atrax* O. P. Cambr., Ann. Mag. Nat. Hist., (4), xix, p. 26.
Orthotype *Atrax robustus* O. P. Cambridge.
1891. *Atrax* Simon, Ann. Soc. Ent. Fr., p. 302.
1892. *Atrax* Simon, Hist. Nat. des Araign., i, p. 186.
1901. *Atrax* Hogg, Proc. Zool. Soc. Lond., p. 272.
1914. *Euctimena* Rainbow, Rec. Austr. Mus., x, 8, p. 248, fig. 58.
Orthotype *Euctimena tibialis* Rainbow.
1914. *Atrax* Rainbow, loc. cit., p. 252.

The genus *Atrax* includes eight species, *A. robustus* O. P. Cambridge, *A. modestus* Simon, *A. bicolor* Rainbow (originally placed in the genus *Aname*), *A. versuta* Rainbow, *A. valida* Rainbow and Pulleine, *A. formidabilis* Rainbow, *A. venenatus* Hickman, and *A. pulvinator* Hickman.

With the exception of *A. formidabilis*, which Rainbow placed tentatively in the genus, and *A. venenatus* Hickman, all the species have been described from female specimens and the males have been unknown. This probably accounts for Rainbow's action in placing a query before *A. formidabilis* in his description. This male