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(May 1862)
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V. *Descriptions of New Species of Australian Hymenoptera, and of a Species of Formica from New Zealand.* By FREDERICK SMITH, Esq., Pres. Ent. Soc.

[Read June 4th, 1860.]

THE only species of ant which I have seen from New Zealand, excepting that described in the present paper, is the *Formica (Atta) antarctica* of White, in the Zoology of the Erebus and Terror; indeed, from inquiries that I have made of Dr. Sinclair and others who have long resided in that country, the *Formicidæ* appear to be insects extremely local or of rare occurrence in New Zealand. The species described in this paper derives its sole interest from the fact of its being the first true *Formica* that has been discovered; it was also the only species of ant forwarded by a relative, who undertook to collect the *Formicidæ* for me in the neighbourhood of Port Littleton. Amongst the *Hymenoptera* of Australia, the species of the genus *Pompilus*, and two of *Gorytes*, are, perhaps, as remarkable for their beauty and distinctiveness as any species belonging to those extensive genera. I have also added a new species to the rare genus *Paragia*. The fourteen new species of Australian bees, described in this paper, complete the enumeration of all that I am acquainted with from that country; six of these are in the collection of the British Museum, and for eight I am indebted to the liberality of John Lubbock, Esq.

Formica advena.

F. luteo-fusca, scapis antennarum pedibusque pallide testaceis; corporis pube sericea subtiliori; squama subovali, supra rotundata.

Female.—Fuscous-yellow, shining, covered with a thin fine cinereous pubescent pile; the flagellum slightly fuscous, with the tip pale; the anterior portion of the head and the mandibles paler than the vertex; the mandibles with fine acute teeth; a central impressed line runs upward from the clypeus to the middle of the vertex, terminating at the anterior ocellus, the ocelli minute. Thorax ovate. Abdomen fuscous, the scale of the peduncle incrassate, its superior margin rounded.

Length 2 lines.