

alarm. The males and females are in flight during January and February.

*Myrmecia (Promyrmecia) fucosa*, sp. nov.

(Pl. I, figs. 5, 6.)

*Worker*.—Length, 10–11.5 mm.

Red. Posterior half of head and two apical segments of gaster black. Mandibles and front of face to about the middle of eyes yellow; antennae and anterior legs testaceous; middle and posterior legs brownish.

Head longitudinally and irregularly rugose, densely and finely reticulate between the rugae. Mandibles smooth and shining, with some scattered shallow punctures. Pronotum transversely arched-rugose. Mesonotum finely transverse striate. Epinotum transversely striate-rugose, coarser than on mesonotum but not so coarse as on pronotum. Node strongly and irregularly rugose. Postpetiole and gaster very finely and densely punctate.

Hair greyish, long and erect, abundant on whole body, except the scapes, shorter and suberect on funiculus and legs. Pubescence greyish, long and abundant on postpetiole and gaster, forming a distinct covering, sometimes hiding the sculpture; sparse elsewhere.

Head slightly longer than broad, broader in front than behind, occipital border feebly concave, angles rounded. Mandibles not as long as head; external border almost straight to apical third; inner border nearly straight to basal third, then greatly reduced to the base; furnished with nine teeth, the third, fifth, seventh, eighth and ninth twice as large as the first two; the eighth forms the angle between the two apparent borders, the ninth placed just in front of middle of basal border. Frontal carinae extending to the posterior margin of eyes. Clypeus obtusely excised at middle in front; anterior corners produced as blunt tooth-like angles. Labrum broadly rounded, extending outward to apex of clypeus. Eyes and ocelli large and prominent. Scapes not extending to the occipital border; first segment of funiculus slightly shorter than second, but longer than third, apical one and one-half times longer than tenth. Thorax two and one-half times as long as broad. Pronotum broader than long. Epinotum about one and one-half times as long as broad, boundary between the dorsum and declivity feebly indicated. Node as long as broad, slightly broader behind than in front; in profile slightly longer than high, nearly flat above, anterior face vertical, posterior face descending in a gradual slope; the stalk in front is not quite half the length of node; postpetiole very slightly broader than long, much broader behind than in front. First segment of gaster as broad as long, slightly broader behind than in front. Legs moderately long and slender.

*Female*.—Length, 11–13 mm.

Resembles the worker, but much larger and winged. The sculpture slightly coarser on head, thorax and node. The colour is similar, except that on two females examined the scutellum and sides of the mesonotum are brown, or blackish.

*Male*.—Unknown.

*Habitat*.—Victoria: Lake Hattah, Ouyen ♀ (J. E. Dixon), Sea Lake ♀ (J. C. Goudie), Wyperfeld ♀ ♀ (J. Clark). South Australia: Murray Bridge (A. M. Lea, ♀).