

thorax small; thorax beneath smoke-coloured. Legs: fore and intermediate legs and coxae pale castaneous, tibiae and tarsi blue-black; hind legs, coxae, and base of femora sordid ochreous, the remainder blue-black; all the legs covered with a silvery pubescence. Abdomen: first two segments sordid ochreous, the following bright steel blue, the blue running back in a V-shaped point into the posterior segments, which are

(p. 489) sordid ochreous, covered with little castaneous-coloured spots. Wings ferruginous clouded, darkest in the centre, with the exception of the marginal cell, which is almost clear; stigma ochreous, nervures black.

Hab. — Cairns, N. Queensland. Named in honour of my late friend, R. H. Nancarrow, of Sandhurst, Victoria, a most enthusiastic naturalist, who first called my attention to Australian Hymenoptera.

(2) *Philomastix glabra*, n. sp.

♂. Body, $5\frac{1}{2}$ lines; expanse of wings, 12 lines; antennae, 3 lines.

♀. Body, 7 lines; expanse of wings, $16\frac{1}{2}$ lines; antennae, 5 lines.

Ochreous, marked with black; abdomen blue-black, with sordid ochreous markings. ♂. Head and first two joints of antennae black; the base of head behind the eyes, clypeus, labrum, and rest of antennae bright fulvous, mandibles castaneous. Thorax, pronotum, and below the wings yellow, rest of thorax blue-black; scutellum shining, impressed in the centre, legs castaneous, with the exception of the coxae and base of femora, which are sordid ochreous. Abdomen: basal half of first segment steel-blue, apical half of first and $\frac{2}{3}$ of second segment sordid ochreous, forming an irregular band round abdomen, narrowest in centre of back; apical portion of 2nd and rest of abdominal segments steel blue, the outer edges of last three and margin of anal segment bright fulvous, beneath the apical edge of each segment marked with fulvous, the marks broader towards the posterior. ♀. Head shining ochreous, first two joints of antennae, eyes, and tip of the mandibles black, clypeus and mouth parts hairy. Thorax large, ochreous, marked with black in the centre and on either side, below smoky; scutellum bright ferruginous, slightly impressed in the centre; legs shining steel-blue, except the base of hind femora and coxae, legs with a silvery pubescence. Abdomen bright blue, black above and below, a faint line at the apex of first segment, a stripe curving upwards, broadest below, on the sides of the second segment, and