

*Formica congerens*, Nylander.

*Female*.—Length 4—4½ lines. Very closely resembling the *F. rufa*, but distinguished by being covered with a shining cinereous pile; the eyes pubescent, and the abdomen sub-opake; not shining as in *F. rufa*.

*Worker*.—This is distinguished from the worker of *F. rufa* by the same characteristics as the female; the pubescence on the eyes is not discernible without a high magnifying power; it is however a very marked distinction.

*Male*.—Black and covered with cinereous pile; the head and thorax covered with short black pubescence; the scale of the petiole sub-quadrate, slightly and widely emarginate above.

Nylander says, this insect constructs similar nests to the *F. rufa*, and, on being disturbed, emits the same strong odour of formic-acid.

The species was taken in Scotland by Mr. Foxcroft in 1846, at Loch Rannoch;—the male only has yet been captured. The species is so very like the *F. rufa* that it would not be recognized as a distinct species by any one but an Entomologist; the most striking difference being that it is thinly covered with hair, *F. rufa* being naked.

*Formica brunnea*, Latr., Nyland., Mayr, Schenck.

*Worker*.—Length 1¼—2¼ lines. Pale ferruginous, covered with a fine cinereous silky pile; the abdomen obscure fusco-testaceous; the head much wider than the thorax, with a distinctly impressed line passing upwards from the clypeus, and extending nearly to the vertex; the scape rather paler than the head, the flagellum faintly dusky above towards the apex; the head slightly emarginate behind.

*Female*.—Length 4½ lines. Dark fuscous, with a fine cinereous pile; the mandibles, antennæ and legs pale rufous; the flagellum and femora slightly obscure; the head as wide as the thorax; the scape of the antennæ and the tibiæ without pile or pubescence; the basal half of the wings more or less fuscous; an impressed line on the front terminating at the anterior ocellus.

*Male*.—Length 2 lines. Dark fuscous: the antennæ, scape and legs brown; the flagellum and the articulations of the legs pale testaceous; a line on the front deeply impressed; the eyes not pubescent; the scale of the peduncle emarginate; the basal half of the wings fuscous.