

dicle short and inserted in the base of the abdomen a little in front of the centre; scale large, vertical, wedge-shaped; legs long, slender; abdomen broad-ovate, upper surface of the head and posterior part of the abdomen sprinkled with short hairs.

*Female.* Length 0.30 inch.—Wings extend beyond the abdomen 0.11 inch, with one marginal, two submarginal, and one discoidal cells; dark-brown or piceous above; legs and under surface pale yellow or yellowish-brown; head not channelled below; prothorax about one-fourth wider than the head; mesothorax not depressed, rounded above; metathorax short, depressed, subtruncate; scale vertical and wedge-shaped, and concealed between the thorax and abdomen; abdomen large, long, ovate; legs short and slender; whole ant smooth, not hairy. Otherwise like the worker.

*Male.* Length 0.11 inch.—Head very small; eyes large; prothorax one-half wider than the head; abdomen small, subtruncate in front, ovate, acute. Otherwise like the female.

Dwells in the ground, beneath stones, on the hills near Naples, in Western New York. Winged in May.

8. *Formica gracilis*, n. sp.

*Female.* Length 0.18 inch.—Black or piceous; legs pale yellow or piceous; wings projecting nearly a line beyond the abdomen, with one marginal, two submarginal and one discoidal cells; head subtriangular, not emarginate, posterior angles rounded above and at the sides; antennæ in a slight depression at the base of the clypeus, rather short, and but little enlarged towards their apical joints; eyes large, prominent, circular, lateral, placed near the top and a little in front of the middle; mandibles small, curved inwards and downwards, and acute; prothorax about equal in width to the head, rounded above, in front, and at the sides, and widest posteriorly; scale small, partly concealed by the abdomen; pedicle short, inserted in the base of the anterior portion of the abdomen; abdomen oblong, ovate, subobtusate; legs short, slender; whole ant smooth, shining, and of slender form.

*Worker.* Length 0.12 inch.—Head wider than the prothorax; prothorax rounded above, in the front, and at the sides, widest in the middle; divisions of the thorax strongly marked; mesothorax slightly depressed, compressed and narrowed behind; metathorax small, compressed; abdomen broad, ovate, obtuse. Otherwise like the female.

Dwells in the ground beneath stones, on the hills, at Naples, New York. Winged femaels caught in May.