

species would have been found to form a new genus, intermediate between *Formica* and *Myrmica*. Future observation and research will probably supply the materials for deciding this interesting question.

Gen. TAPINOMA, *Foerst.*

TAPINOMA ERRATICA. *T. nigro-fusca*, nitida, glabra; pedum articulis tarsisque pallidis; squama oblonga depressa.

Formica erratica, *Latr. Hist. Nat. Fourm.* p. 182.—*Tapinoma erratica*, *Smith, Brit. Fourm.* p. 111. 1.

The collection contained a single example of this species. Its coming from so distant a locality created a doubt of the possibility of its being identical with the species found in this country and throughout Europe; but after the most attentive examination having been given to it, I acknowledge my inability to detect the slightest difference between them.

Fam. MYRMICIDÆ.

Gen. MYRMICA, *Latr.*

MYRMICA JUCUNDA. *M. fusco-nigra*, nitida; mandibulis antennis pedibusque articulis et tarsi rufo-pallescentibus.

Worker. Length $1\frac{1}{2}$ line. Brownish black, very smooth and shining; the mandibles, anterior portion of the head, the antennæ, tarsi, and articulation of the legs pale testaceous; the eyes small and placed midway at the sides of the head. Thorax narrowed posteriorly, with the division between the meso- and metathorax strongly impressed; the metathorax with two very minute spines; the first node of the abdomen, when viewed sideways, is wedge-shaped, the second globose. Abdomen subovate, widest towards the apex.

MYRMICA GRACILLIMA. *M. rufo-pallida*, lævis, nitida; abdomine nitido nigro.

Worker. Length $1\frac{1}{2}$ line. Pale rufous, smooth and shining; the head oblong, rather wider than the abdomen; the mandibles stout and armed with four black acute teeth on their inner margin; the eyes small, ovate, and placed in the middle at the sides of the head; club of the antennæ 3-jointed; the antennæ as long as the head and thorax. Thorax compressed, the division between the meso- and metathorax strongly impressed; the metathorax unarmed. Abdomen ovate, black, smooth and shining; the nodes of the peduncle pale rufous, the first elevated above the second; when viewed sideways, wedgeshaped, with the apex blunt, the second globose.

There is a certain similarity in the habit of this small ant that induces me to think it quite possible that it may be only a very diminutive form of the worker of *Atta barbara*.

MYRMICA PUNICA. *M. rufo-pallida*; capite longitudinaliter delicatule striato; metathorace parvo, acuto, dentiformi.