

## EPITRITUS Emery

1869. *Epitritus* Emery, Bull. Soc. Ent. Ital., I, p. 136.

WORKER.—Resembling in habitus the ants of the subgenus *Wessonistruma* of *Smithistruma* Brown, but the funiculus with only three joints and the mandibles lengthened and strongly deflected ventrally at their apices. Inner (masticatory) mandibular border terminated basally by a low, obtusely angular lamina; above this begins the basal border, which runs obliquely to the condyle, but which is hidden under the clypeus at full mandibular closure. The apex of the mandible does not bear a true apical fork, and the basic arrangement of the teeth is a serial one, though the greatly lengthened subapical spine and the downturned apical portion in *argiolus* together create a false fork of a sort. The pilosity is mostly squamiform as in *Wessonistruma* and many other dacetines. Size small, color varying degrees of ferruginous. Labral lobes long.

FEMALE.—As long as or slightly longer than the worker, similar in form, but with the usual thoracic differences and a slightly more bulky gaster.

MALE.—Uncertainly associated with this species; see discussion below.

GENOTYPE.—*Epitritus argiolus* Emery, 1869, Bull. Soc. Ent. Ital., I, pp. 136–137, fig. 1, female, monobasic.

Contains, so far as is known, only the species *argiolus* from the Mediterranean area.

***Epitritus argiolus* Emery**

(Figure 1: a, b.)

1869. *Epitritus argiolus* Emery, Bull. Soc. Ent. Ital., I, pp. 136–137, fig. 1, female.

1875. *Epitritus argiolus* Emery, Ann. Mus. Civ. Stor. Nat. Genova, VII, p. 473, fig., worker.

1882. *Epitritus argiolus* Ern. André, Spec. Hymn. Eur., II, 402, Pl. 16, fig. 23, Pl. 25, figs. 13–17, 20, 21, worker, female, male.

1917. *Epitritus argiolus* Emery, Bull. Soc. Ent. Ital., XLVII, pp. 206–207, fig. 64, worker, female, male. (Emery gives 1917 as the date in his listing in Gen. Insect.: Hym., Fasc. 174, p. 327, but this paper is marked '1916'.)

1923. *Epitritus argiolus* var. *barbarus* Santschi, Bol. Soc. R. Esp. Hist. Nat., XXIII, p. 136, worker.

WORKER.—Best figured by Emery in 1917 (op. cit.) for head and mandibular characters. Specimens sent me by Sr. Mario Consani of Florence show the following measurements: maximum measurable length of head proper,  $0.46 \pm .005$  mm., exposed length of mandibles,  $0.18 \pm .003$  mm., length of alitrunk,  $0.50 \pm .01$  mm., total length, 2.05–2.15 mm., cephalic index, 92–93, mandibulo-cephalic index, 39–40. (Two specimens taken at Ancona by Dr. A. Andreini.) I have also seen four specimens in the collection of Dr. W. M. Mann which agreed closely with my specimens. Emery, who had