

## MACROCEPHALUS.

*Macrocephalus*, Swederus, Vet.-Ak. nya Handl. viii. p. 183 (1787) \*; Westwood, Trans. Ent. Soc. Lond. iii. p. 22 (1841); Stål, Enum. Hemipt. v. pp. 132, 134; Handlirsch, Ann. k. k. naturhist. Hofmus. xii. p. 181 (nec Olivier, 1789).

This genus is confined to the warmer parts of America, ranging from the Southern United States to Chili and the Argentine Republic. The species are numerous in Central America, but of several of them very few individuals have been obtained. The females, in most cases, differ from the males in being much paler in colour, and there is sometimes a slight modification in the form of the antennæ and connexivum in this sex. Several species are green in life, this colour changing to ochreous in dried specimens. *Macrocephalus* chiefly differs from *Phymata* in the greatly developed scutellum and the absence of tarsi to the front pair of legs †.

- a. Scutellum with a laterally dilated median callus extending from the base downwards, and also with a more or less distinct median carina, the latter sometimes becoming evanescent anteriorly.
  - a'. Lateral angles of the pronotum raised, bilobate; scutellar callus sparsely punctured . . . . . *notatus*, Westw.
  - b'. Lateral angles of the pronotum not or very little raised, obliquely truncate.
    - a''. Scutellar callus long, closely punctured; antennæ (♂) with joint 4 scarcely so long as the others united; upper surface conspicuously granulate . . . . . *aspersus*, n. sp.
    - b''. Scutellar callus short, very sparsely punctured; antennæ (♂) with joint 4 longer than the others united; upper surface very sparsely and finely granulate . . . . . *panamensis*, n. sp.
- b. Scutellum with a well-defined median carina only.
  - c'. Head and anterior half of pronotum simply granulate.
    - c''. Antennæ (♂) with joint 4 very elongate, 3 a little longer than 2; body narrow, elongate.
      - a'''. Lateral angles of the pronotum obliquely truncate; body (♂) fuscous above, the scutellum with a flavous median vitta, extending on to the pronotum . . . . . *falleni*, Stål.
      - b'''. Lateral angles of the pronotum acute; body (♂ ♀) more or less ochraceous or green above, the basal half of the pronotum and a very large patch on the apical part of the scutellum darker . . . . . *angustatus*, n. sp.
    - d''. Antennæ (♂ ♀) with joint 4 moderately long:
      - c'''. Joint 3 nearly twice as long as 2; body (♂) moderately elongate, variegate above, with the connexivum spotted . . . . . *granulatus*, n. sp.

\* The name *Macrocephalus* is also in use in Coleoptera, fam. Anthribidæ, but it has priority in Rhynchota.

† The short retractile anterior tarsi are received into a groove on the lower side of the tibiæ in *Phymata*, and not easily seen.