

Although this extreme inquiline has a very wide Palaearctic distribution, in Italy it has so far been known from only three northern localities (Stäger, 1928; Scupola, 1994). The first findings from southern Italy are presented here. Further, there exist some additional records from the Italian Alps and the island of Elba known to us (see Fig. 29 and next chapter).

Locality 1 - Sicily, Canicattini Bagni

Many dealate *Anergates* females, apparently on the way to become physogastric, were retrieved from the nest chambers. Inside the collecting tube considerable egg-laying of these females could be observed. Additionally, male and female pupae of the host species *T. diomedaeum* were present. It is surprising that this probably oligogynous species can serve as host of *Anergates*, and the presence of sexual brood of the host is a rather unusual feature, too. Other available information on the life history of *Anergates* hint towards colony foundation in orphaned host colonies.

Locality 2 - Lucania, Monte Pollino

The nest sample contained three physogastric queens and many last instar larvae of *Anergates*, but no *Tetramorium* brood at all. The collected sexual brood of *Anergates* could be reared in the laboratory. The host species was electrophoretically determined as *T. impurum*. Thus, this sample shows the same properties as typical *Anergates* colonies from central Europe and the Alps.

FURTHER RECORDS OF SOCIAL PARASITES

In the following we enumerate some additional new records of *Strongylognathus* and *Anergates* originating from northern parts of Italy and adjacent regions. These are depicted in the maps and referred to in the discussion, but are not treated in the chapter 'Commented list of social parasites'.

Strongylognathus huberi

Lombardy - Prov. Mantova, near Gazzuolo, bank of Oglio river, 23.V.1963, B. Poldi leg.

Strongylognathus alpinus

Switzerland - Valais, Lötschental, ca. 1 km NE Blatten, ca. 1650m, 1.VIII.1992, A. Buschinger, M. Sanetra, R. Güsten leg. [host: *T. impurum*];

France - Hautes-Alpes, ca. 7 km N Chantemerle near Briançon, 1770m, 27.VII.1994, A. Buschinger, M. Sanetra, R. Schumann, R. Güsten leg. [host: *T. impurum*]; Hautes-Alpes, ca. 1 km E ArvieuxSE Briançon, 1700-1800m, 29.VII.1994, A. Buschinger, M. Sanetra, R. Schumann, R. Güsten leg. [host: *T. impurum*].

Strongylognathus italicus Finzi, 1924

Tuscany - Prov. Livorno, Isola d'Elba, Monte Maolo, ca. 200m dir. Monte Capanne, 700-800m, 21.V.1996, M. Sanetra leg. [host: *T. cf. impurum*]; Prov. Firenze, Passo della Consuma, 1050m, 20.VIII.1981, V. Assing leg. [host: *T. cf. impurum*].