

New Hymenoptera
and
Two New Mymaridae

in the Zoological Museum, Berlin.

By

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(Eingesandt im März 1914.)

New Hymenoptera Trichogrammatidae in the Zoological Museum at Berlin.

Tribe **Chaetostrichini**.

Chaetostrichella new genus¹⁾.

Female: Antennae 5-jointed with one ring-joint which is distinct, the club solid, the pedicel elongate, nearly as long as the scape, twice the length of the single funicle joint. Fore wings rather broad, normally ciliate, the marginal cilia short (the longest not a sixth of the greatest wing width); venation not reaching to the middle of the wing, straight, the marginal vein longer than the submarginal, the stigmal subsessile, nearly at right angles to the marginal. Abdomen conic-ovate, not long but longer than the rest of the body, the ovipositor (and valves) exerted for over a third of its length and the distal segment produced into a short stylus which is three fourths the length of the exerted portion of the ovipositor. Tibial spurs single, that of the cephalic legs minute and straight (absent, perhaps, since it is no longer than the clothing of the legs). Mandibles tridentate, the head triangular. Legs slender. Hind wings missing.

Male: Not known.

Type: The following species.

1. **Chaetostrichella platoni** new species.

Female: Length 0,80 mm, excluding the exerted portion of the ovipositor.

Black, the appendages concolorous, the fore wings uniformly, lightly infumated and at its widest part bearing about 18 lines of discal cilia; stigmal vein with a distinct uncus which points distad. Tibiae hairy, the tarsal joints long. Antennae with a few long setae, the club longer than the scape, the funicle joint distinctly wider than long.

Described from one female labelled „*Oligosita*. 28,965. Coll. H. Rhd.“ The collector was H. Reinhard.

Habitat: Germany.

Type: Kat. No. 31956, Zoological Museum, Berlin, the above specimen on a slide in xylol-balsam (remounted from a card).

¹⁾ Descriptions made with $\frac{2}{3}$ -inch objective, 1-inch optic, Bausch and Lomb.

Genus *Oligosita* Haliday.

1. *Oligosita foersteri* new species.

Male: Length 0,65 mm.

Differs from the only European species — *collina* — in bearing a substigmatal spot on the fore wing.

Light golden yellow, the abdomen above, the hind coxa and sides of pronotum suffused with dusky. Fore wings hyaline, the substigmatal spot pointing caudo-proximad, the discal cilia absent excepting for a more or less distinct line from a little distad of knob of stigmal vein, out from the margin, distad to and around the apex and a short line of three or four near caudal margin opposite the stigmal vein and a longer one along cephalic edge; longest marginal cilia (at apex) four fifths the greatest wing width. Proximal joint of hind tarsus long and slender, somewhat longer than the other two which are subequal. Funicle joint one and a half times longer than wide, shorter than the pedicel, distinctly longer than the proximal joint of the club which is a little longer than wide and somewhat shorter than the following two joints; terminal setae not conspicuous.

Female: The same but darker yellow (deep orange yellow); antennae not seen.

Described from one male, two females remounted in balsam from a cards labelled „*Chaetostricha* Haliday. 28,966. Coll. H. Rhd. Salzburg.“

Habitat: Germany, Salzburg. (H. Reinhard.)

Types: Kat. No. 31957, Zoological Museum, Berlin. the above specimens on a slide.

The species is respectfully dedicated to Arnold Foerster.

2. *Oligosita germanica* new species.

Male: Length 0,72 mm.

Deep orange yellow, the distal two thirds of abdomen black, the proximal third pallid; legs yellow, the hind femora black. Fore and hind wings as in *subfasciatipennis* Girault which this species closely resembles excepting in coloration. I cannot distinguish it from that species otherwise. Funicle joint obconic, longer than wide at apex by a little; intermediate club joint wider than long, shorter than the pedicel.

Female: Not known.

Described from one male labelled „*Oligosita*. 16.172. Deutschland.“

Habitat: Germany.

Type: Kat. No. 31958, Zoological Museum, Berlin, the above male on a slide.

3. *Oligosita nigripes* new species.

Female: Length 0,73 mm.

Deep orange yellow, the wings slightly, uniformly infuscated, sides of thorax and abdomen, tip of the latter and about four transverse stripes evenly distributed, dusky black. Legs dusky black, except knees and tips of tibiae. Antennae blackish, the funicle joint pale, one and a half times longer than wide, shorter than the pedicel, longer than the first club joint; the second club joint wider than long, the third longer than wide, subequal to the funicle. Fore wings broad, the discal ciliation distinct (about 13 lines across widest portion, the lines not regular), the longest marginal cilia a little over half the greatest wing width; a distinct substigmatal spot

which is crescentic and from the direct apex of the stigmal vein. Hind wings narrow, normal, their caudal marginal cilia a little longer than the longest marginal cilia of the fore wing.

Male: A little stouter and lighter in color, the abdominal cross-stripes more distinct. Tarsal joints and last two pair of legs longer, the first longest, over a third the length of the hind tarsus.

Described from a single pair remounted in xylol-balsam from cards labelled „Berlin, Spandau. 18. 8. 01. Dr. G. Enderlein“.

Habitat: Germany (Berlin).

Types: Kat. No. 31959, Zoological Museum, Berlin, the pair on a slide.

Tribe **Ophioneurini.**

Genus **Lathromerella** Girault.

1. **Lathromerella germanica** new species.

Female: Length 0,85 mm. Slender.

Black, the wings hyaline; vertex, meso- and metanotum deep orange yellow; antennae lemon yellow; knees, bases of femora, tips of tibiae and proximal two tarsal joints whitish, rest of legs black. Wings subhyaline, the fore wing with about fifteen lines of irregular discal ciliation, the longest marginal cilia about a third of the greatest wing width. Scutellum and postscutellum deep lemon yellow. Joints of hind tarsus rather long and subequal. Pedicel stout, much longer than wide, the third and fifth club joints longest, the stout terminal spur nearly as long as the fifth joint. Hind wings slender, with two rows of discal ciliation which are cephalad and a fainter third row near caudal margin, their longest marginal cilia distinctly longer than the greatest width. Fifth joint of club longest, much shorter than the pedicel. Hind femur compressed. Mandibles apparently tridentate, at least with two acute outer teeth.

Male: Not known.

Described from one female remounted in balsam from a tag labelled „Deutschland. 15,250“.

Habitat: Germany.

Type: Kat. No. 31960, Zool. Mus., Berlin, 1 ♀ on a slide in xylol-balsam.

Tribe **Trichogrammatini.**

Genus **Trichogramma** Westwood.

1. **Trichogramma** species.

Five females from tags labelled „Berlin, Hartig. S. Ex ovis Bombyx pini. 16,923“. Like *semlidis* of Aurivillius but brighter yellow and thus most probably *euproctidis* Girault, the ciliation of the wings approaching that of the latter species.

Two New Mymaridae from Paraguay in the Zoological Museum, Berlin.

1. *Ooctonus nigriflagellum* new species¹⁾.

Female: Length 1,15 mm.

Golden yellow and of the habitus of the *bicolor* group in *Gonatocerus*. Distal two thirds of abdomen, hind tibiae and the flagellum brownish black. Fore wings with a light brown stripe across them from the stigmal vein, distad of this subhyaline for a short distance, thence lightly embrowned to tip; marginal fringes short, less than a sixth of the greatest wing width, the fore wing slender (about 22 lines of discal cilia). Funicle, slightly longer than the pedicel; 2 and 3 subequal, longest, one and three quarter times longer than wide, 4, 5 and 6 subequal, barely shorter than three, 8 a little shorter than 1, a little longer than wide. Caudal marginal fringes of hind wings distinctly much longer than longest marginal cilia of fore wing. Marginal vein long. Sculpture inconspicuous. Petiole barely longer than wide. Scape long, compressed. Mandibles with three subequal teeth. True marginal vein no longer than the stigmal. Strigils present. Club long.

Male: Not known.

Described from one female mounted in xylol-balsam from a minuten mount bearing the labels „4322. Paraguay. San Bernardino. K. Fiebrig. S. V.“

Habitat: San Bernardino, Paraguay.

Type: Kat. No. 31961, Zoological Museum, Berlin, the foregoing specimen.

Ooctonus Haliday differs from *Cosmocomoidea* Howard in secondary sexual characters of the male.

2. *Gonatocerus margiscutum* new species.

Male: Length 0,90 mm.

Black, the thorax rather coarsely polygonally reticulated, the sides of scutum and caudal margin all conspicuously, the head, meso-caudal angle of parapside, lateral ends of the transverse-quadrate sclerite between sentum and scutellum, caudal half of axillae, base of abdomen rather broadly, lateral margins of scutellum rather narrowly and more or less of thoracic plenum, deep golden yellow. Propodeum also yellow except the meson. Legs mostly golden yellow, the hind tibiae black. Antennae black, the scape and pedicel yellowish, the latter darker, very short, wider than long; funicle joints plainly, longitudinally striate, 1 shorter and stouter than the others which are subequal and about one and four fifths times longer than wide; club joint missing. Wings hyaline, the fore wing where widest with about twenty-one lines of discal cilia, the latter absent under the venation; marginal cilia short. Hind wings with only a paired row of discal cilia along each margin, their caudal marginal cilia a little longer than the longest fringes of the fore wing. Tibial spurs single, the strigil well developed.

Female: Not known.

Described from two males mounted in xylol-balsam from minuten pins bearing the labels „4389. San Bernardino. K. Fiebrig S. V. IX. 9.“

¹⁾ Descriptions made with $\frac{2}{3}$ -inch objective, 1-inch optic, Bausch and Lomb.

Habitat: San Bernardino, Paraguay.

Types: Kat. No. 31962, Zoological Museum, Berlin, the above specimens on a slide together.

Literature Referred To.

1911. Girault, A. A. Zool. Jahrbücher, Jena, Einunddreißigster Band. 3. Heft, p. 377—406.
1912. Idem. Archiv f. Naturgeschichte, Berlin, 78. Jahrgang, Abt. A, 9. Heft, p. 160—177.
1913. Idem. Ib., 79. Jahrgang, Abt. A, 6. Heft, p. 51—69.

In Girault (1913), the following corrections should be noted:

Page 54, line 2, **X** should be **IX**.

Page 56, line 11, **head** should be **bend**.

Page 57, line 21, **specimen** should be **specimens**.

Page 66, line 27, **fuscous** should be **fuscous**; line 29, **propodeum** instead of **propedeum**.

Page 67, line 5, **truncate** should be **truncate**.

Page 69, line 18, **alotaceus** should be **alutaceus**.

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Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Mitteilungen aus dem Zoologischen Museum Berlin](#)

Jahr/Year: 1914

Band/Volume: [7 2](#)

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Artikel/Article: [New Hymenoptera and Two New Mymaridae in the Zoological Museum, Berlin 145-151](#)