

## NEW CHALCID FLIES

A.A.Girault

### PAROMPEALOIDOMYIA

Head short, triangular, vertex equal to face, *lat.*, from above a third wider than long. Scutellum with eight bristles. Ovipositor shortly extruded.

P.HOMERI

GENOTYPE

Black, abdomen brownish at base above; apex of tibiae widely, tarsi white; scape yellowish below toward base; funicle joints twice longer than wide, longer than club joints or pedicel. Scutum with many large, scattered, setigerous punctures. Median carina of propodeum short, no lateral. Scaly. Abdomen at apex pointed, distinctly longer than thorax. Arlington, Va. Cat. No. 21148. Like *Neomphaloidella*, 1.15 mm.

### PLETHEYMUS

Similar to *Thymus* Girault, as described for female--genotype is male of two *Tetrastichus* spp. Abdomen conical, somewhat longer than thorax. Stigmatal vein long, a short postmarginal.

P.NOVI

GENOTYPE

Dark green, wings clear, head below antennae, tegulae, legs save hind coxa and basal half of hind femur, and scape save above, orange. Sculpture usual, fine, propodeum with median carina only, as long as the triangular postscutellum. Scape subcompressed, long; pedicel somewhat longer than wide; ring-joint subquadrate, very narrow; funicle 1 a little longer than wide, 4 quadrate; club 1-3 wider than long. Pairs of funicle scattered, not long. East Florida. Cat. No. 21076.

SYMBLESIS DASYPOICNI

Like *mandilis* but spaces between carinae of propodeum shorter, male with all femora metallic-lined above. Scape white save tip. Mandible 5-dentate. No. 21136.

## MEGATRYDYMUS

Like *Catolaccus* but hind tibial spurs two, 3 ring-joints, antennae above middle of face, parapsidal furrows complete, mandible 3-dentate, stigmal knob dilated, propodeum short, neckless, tricarinate, spiracle short-reniform, its sulcus short, immargined; lateral carina bowed, a crescentic hump, with a fovea at each mesal end. Pubescence normal. Postmarginal vein subequal to stigmal, much shorter than marginal. Clypeus subtruncate. Ocelli in a curved line. Femur 1 compressed. Scape mounting over vertex, scrobes making a nearly square depression.

## MEGATRYDYMUS TACITI GENOTYPE

Like *Semiotellus ficigerae* in color and so forth. Male with but outer sides of first two femora metallic, antennae long, filiform, brownish, 3 ring-joints which are transverse, unequal; funicles elongate. Abdomen: 2 a third the surface, entire; basal yellow spot at side and below. From galls, western U.S. Cat. No. 21165.

## ACAENACIS

Like genotype of preceding save parapsidal furrows which are incomplete, pubescence spatulate, abdomen wider as in *Pteromalus*.

## SEMIOSELLUS FICIGERAE ASHM. GENOTYPE

Scape, tibiae save tips, reddish yellow, tarsi white. A pair of punctures on face over clypeus, this truncate. Habitus of *Pteromalus*.

## BRUCHOPHAGUS NOCTUA

Like *funnebris* but funicle and club bright yellow, pedicel and scape black; abdominal segments longer, 4 long as 2. With *Languria mozardi*, Tempe, Arizona, Aug., V.L. Wildermuth. Cat. No. 20841

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APROSTOCETUS BEWICKI *Am. Mus.*

Like *Tetrastichus holbeini*, but abdomen still longer, nearly twice longer than thorax, scape pale save distal third above in both sexes, male "blister" much longer. Ring-joint large. Washington State. Cat.No. 21073.

EUPLECTRUS PACRYSCAPHA

Like *neucetophis* but male scape much dilated, twice longer than wide (last fourth female abdomen immargined, apex above black, a dot on meson a little beyond middle). Scape wider than in *platypenae*. Kansas, Riley Co., Marlatt. Cat.No. 21159.

MEMMOCKIA BOTTICELLINI

Like *secunda* but mandible with two more teeth, the coxae and femora dark brown, abdomen always concolorous; flagellum lighter, yellowish brown. Cambridge, Mass. from *Thyreus abbotii*, *Eulophus incongruus* Ashm. MS. Cat.No. 12742. 4

TETRASTICHUS HOLBEINI *Am. Mus.*

Like *refulsus* but black aeneous, ovipositor somewhat extruded, club nipple minute, ring-joint 2 large, scutum with one row of setae laterad, stigmal vein short. From cells of *Chrysothrix* in Mountain Mahogany, Yreka, California. H.E. Burke. Cat.No. 21064.

TETRASTICHUS IMPEXUS

A little larger than *thanisimi* and the postscutellum is five times wider than long (not but thrice so), as long as propodeum at meson; funicle joints longer, 1 of mandible obtuse. Mouth yellow. Last seta of scutellum far from apex. One row of setae on lateral scutum. Falls Church, Va. on *Quercus minor*, W. Middleton. Cat.No. 21066.

SYMPIESIS REX

3 Like *marylandensis* but area on abdomen a little longer, a little more distad, complete, immargined, a narrow median stripe two thirds through it from base and a small triangle middle of its lateral margin; scape black; funicle 4 and club 1 somewhat longer.

From larval *Phyllonorycter crataegella*, Salem, Oregon  
June, E. J. Newcomer. Cat. No. 20218.

APROSTOCETUS FLORA

Purple, wings clear, veins pale; yellow: Head except occipital area and upper half of occiput; antennae; legs; parapside, side and venter of thorax; propodeum laterad of spiracle, abdomen save usually a wide stripe across near apex. Funicle 1 twice longer than wide, longer than pedicel, a little shorter than 2 or 3, club joints very short. Mandible 3-dentate. Sculpture fine. Propodeum with two narrow median carinae only. Stigmal vein long. Rather short, broad, abdomen short, ovate. Scutum groove distad only. 1 mm. Jacksonville, Florida. Cat. No. 21017.

ACHRYSOCHARIS AEMILIA

Elongate, abdomen nearly twice length of thorax; ovipositor not extruded. Postmarginal vein absent. Honey, wings clear, abdomen with a round marginal spot about middle, a narrow stripe cross base; scape white, flagellum dusky, ovipositor valves black. Funicle joints twice longer than wide, of club, shorter, pedicel too. Mandible 3-dentate. Fringes of fore wing not extremely short. Thorax scaly. Parapsidal furrows incomplete; propodeum very short mesad, with a carina there. Allied with *Achrysocharella acuminatocentris*. From *Cecidomyia* on *Eugenia buxifolia*, Key West, Florida, April, E. A. Schwarz. Cat. No. 21039.

GALEOPSOMOPSIS SQUAMOSUS

Like genotype but femora metallic save tips, scape all so stigmal vein shorter, propodeum scaly punctate, with median carina only, the entire head scaly, antennae inserted a little lower, median carina of postscutellum less distinct, funicle 1 longer than pedicel or 2 or 3. Argus Mountains, Kansas, on *Pinus murrayana*, May. Cat. No. 20911.

CAENACIS ASINUS

Like *Cecidostiba burkei* but stylus of abdomen very

short, postmarginal equals marginal, mandibles 3- and 4-dentate, clypeus more concaved, striate, propodeum with distinct neck, the lateral carinae strong, simple, median faint. Antennae slightly over eye ends; femora 1 and 2 usually brown. Santa Cruz Mtns., California. Cat. No. 51164.

**TETRASTICEUS REPUISTUS**

Differs from *agrilli*: Scape all concolorous, propodeum has no lateral carina. Ames, Iowa. Cat. No. 20965.

**RHICNOPELTOMYIA BELISARII**

Like *marylandi* but fore wings clear, mandibles bear three large unequal teeth, scape pale at extreme base only, all coxae, femora, metallic besides the first tibiae beneath and middle ones save at each end. Funicle 1 twice longer than wide. Head as in *Pleurotropis*. Eastern U. S. April. Cat. No. 20897.

**NEOMPHALOIDELLA FLORIDA**

Like *Apristocetus whitmani* but larger, legs yellow, postscutellum dull yellow, pedicel somewhat longer, funicle 1 longer than 3, scape black above at apex. Propodeum with median carina, no lateral, spiracle moderately large, elliptical. Mandible 3-dentate. Male similar but coxae black laterad -- head missing. Eastern Florida, W.H. Ashmead. Cat. No. 2443

**COMEDO NEOMEXICANUS**

Like *orgyiae* but orange on base of abdomen much larger, half dorsal surface save for small triangle at middle base. In other, 'tis a moderate cross-stripe just out from base. Ventral abdomen orange only for basal fourth except margins. Median carina on propodeum, no other. Funicle 1 nearly thrice longer than wide, much longer than pedicel. Wings clear. Mandibles weak, edentate, subacute at apex. On cottonwood, Roswell, New Mexico, Aug., R.J. Fiske. Cat. No. 20603. In Proc. U.S. National Museum, 43, 1912, p. 186, table, at 5, "Lateral carinae", both paragraphs should read "Median carina".

## RHICNOFELTOMYIA MARYLANDI

Like *Marylandensis* but only a substigmal spot on fore wing, postmarginal vein subequal to stigmal, coxae metallic save at apex, hind femur laterad between base and middle but not along margins; mandibles with larger teeth, 2-dentate, 1 largest. From *Achrysocharis* ring-joint 3 large, tunicle joints twice longer than wide, longer than pedicel, club acuminate, substigmal spot small. Scape white at basal half. Head as in *P. eurotopis*. Glenn Dale, Maryland, woods in August. Cat. No. 20825.

## ACHRYSOCHARIS CAMILLI

Like *fulvicornis* but fore wings bear a distinct substigmal cross-stripe, basal two thirds of scape pale. Mandible 3-dentate. Flagellar joints subquadrate. Densely finely punctate, glazed. Parapsidal furrows complete. Postmarginal shorter than stigmal, marginal fringes and ring-joint very short. From *Agromyza* on alfalfa, Elkpoint, South Dakota, July, 1916, C. N. Ainslie. Cat. No. 20826.

## ACHRYSOCHARIS DARWINI new name

For *Evadne albipes* Zehntner, preoccupied.

## ACANTHOCHALCIS UNISPINOSA

13 mm. Like genotype but propodeum bears a short, stout tooth mesad at base, from laterad the flattened lateral part of propodeum does not project over hind metapleurum; a median carina — 3 medial rugae in other. Funicle 1 thrice longer than wide. Abdomen with no conspicuous patches of hairs, nor hind coxae nor the subdued prominence on lateral propodeum. Scutellum, distal half, with deep, obtuse median valley. Hind wing clouded distad. Texas. Cat. No. 20752.

## STARS THAT GALAXY THE FIELDS.

Hillmead Press,

Glenn Dale, Maryland, March 30, 1917