

Some New Hexapods Stolen from Authority

By A. A. GIRAULT

These data were actually prohibited by a Director on specious grounds and treasonably and as if he owned them (if so, then Science itself, even the winds, even the moonlight?). These headmen give no aid of a generous sort, but act as if they were engaged in a kind of competition in vanity; they treat it with contempt. Is it envy, or fear, that causes all this persecution? Institutions also seem to own Science, which is to say the winds, too, and even the man in the moon? Authority has the dangerous idea that Man is only a mass of intestines: these must be kept stuffed at hazard and 's a desperate enterprise.

FROM QUEENSLAND

1. **Chinchilla** (Encyrtini). Jaw 2 longer than 1 or 3. Antennae 11-jointed, funicles short, scape moderately dilated; pronotum very short, scutum twice wider than long, axillae laterad of it; scutellum a bit exceeding scutum, triangular; propodeum visible laterad only; abdomen triangular, 2 $\frac{1}{4}$ surface. Wings minute, crescentic, vein nearly to apex, through disc caudad middle. Tibia 2 at base with a ring of hooks.

C. Keatsi. Brown, head, antennae cyaneus; apex scape, of pedicel, funicles 5-6, white; head thimble-punctate, rest body finely scaly, scutum, scutellum, segment 2 setose from obscure punctures. Chinchilla, Jany. 15, 1927. A. P. Dodd.

2. **Keatsia** (Ectromini). From *Tetralophidea* in male antennae, branches from joints 2-5; head very large, lenticular, heavily punctate; scutum twice wider than long; scape slender, club equal short funicle; jaw 1 wider than 2.

K. umbilicata. Cyaneus, wing smoky to bend submarginal; antennae, knees, tibial tips, tarsi, red; funicle 1 quadrate, 6 twice wider than long. Scutum, scutellum pilose, less rudely punctate than head; male blue save tibial spur, tarsi. Cooroy, W. A. T. Summerville.

3. **Elijahia** (Ectromini). As *Paracladella* but jaw 1 thornlike, at base with a wide truncation at the end of which is the minute 2. Marginal twice longer than wide, stigmal longer, not half elongate postmarginal.

E. Poeta. Blue, wings embrowned from near apex postmarginal; legs except coxae 1-2, dorsal dilated part tibia 3, venation, apex pedicel yellow brown. Reticulate, scutum, scutellum pilose. Pedicel smaller than any funicle, 1 of latter twice longer than wide. Hairless line not reaching venation. Macleay Museum.

4. **Euplectromorpha rugulosa**. To *aligheri* but legs yellow save coxae 3. Scutellum rugulose = punctate, scarcely coarser than scutum; marginal black abdomen absent on 2 save at base; funicle 1 twice longer than wide; colour otherwise of *nigrifemur*. Stanthorpe, forest, 24 April, 1924; The Caves, Feb. 1, 1924.

5. **Euplectro. nympa.** From *margiventris*: Distal $\frac{1}{2}$ parapside, mesal axilla, red; propodeum bicarinate at meson; coxae black; mouth up to antennae, yellow; abdomen with margins and distal $\frac{1}{2}$ black; hairs scutum from pustules; median carinae bowed, widely separated. Gympie.

6. **Tepperella blackburni.** Golden, wings clear, black: upper half occiput, meson pronotum, scutum very widely, axillae, scutellum, parapside except mesal margin; propodeum, tibia 3, mesoventer, stripe across middle abdomen 4, abdomen distad of 4. Funicles a bit wider than long, slightly shorter than pedicel. Scutum reticulate = punctate. National Park, Oct., H. Hacker.

7. **Urielloides aereifemur.** From genotype: Coxae, femora aeneus; scape so; funicles quadrate, pedicel no longer. Jaws 3-4 = dentate; finely punctate, punctures abruptly coarser distal $\frac{1}{3}$ scutellum; propodeum with a cross-carina a bit before middle. National Museum, from galls, Nth Melbourne, Victoria.

8. **Proshizonotus.** From *Thaumasura*: Small, spiracle small, round, abdomen conic-ovate; hind tibial spurs small. Postmarginal distinctly shorter than marginal. Ovipositor a bit extended.

P. mosesi. Bronze, wing subhyaline; knees, tibial tips, tarsi yellow-brown; eyes hairy; funicle 1 twice longer than wide, 2 twice 1, equal pedicel, longest, 8 equal 1, wider. Propodeum with median carina, glabrous to spiracle. National Museum, Beaconsfield, Victoria. G. F. Hill, 8 Oct, 1923.

9. **Thaumasura diana.** As *magnicalculus* but tibia 1 beneath, a mark on femur 3 near apex toward lower side, alone aeneus except coxae; ocelli equidistant, not so close to eye; no elongate hairs above on tibia 3; femora 1, 3 distinctly more slender. National Museum, Gippsland, Victoria, 2/11/1912. F. P. Spry.

10. **Eurytoma fulvivena.** As *unifossa* but femora concolorous save upper mesal side of 1, 2 save dorso-laterad; median channel = basin ovate, plain at base, with a median carina, then with oblique striae from each side; tegulae dark, venation yellow; segments 2, 5-6 equal, 3-4 equal, a bit shorter; funicle 1 distinctly longer than wide, rest quadrate, exceeding the globular pedicel. Postmarginal a bit exceeding stigmal, marginal much longer. Oakleigh, Victoria, National Museum.

11. **Amerostenus tridentatus.** Jaws 3-dentate; femora aeneus save 1-2 above; basal $\frac{1}{2}$ scape, tibiae pale, latter yellow basally; funicle 1 somewhat longer than wide and than pedicel. Postmarginal twice the stigmal. Scutum pilose. Bendigo, Victoria, January, from galls. F. E. Wilson.

12. **Aligheria.** From *Aligherina*: Depressed, so the face, abdomen compressed, ovipositor extended $\frac{3}{4}$ length; antennae 10-jointed, 2 large ring-joints, club solid; stigmal oblique, very short, postmarginal four times longer; frons moderate.

A. cyanea. Blue, tarsi, tip tibia 3 above, white; funicle 1 thrice longer than wide, equal club; wing infuscated under marginal. Tarsals 1-2 elongate. Short strong spines above tibia 3. Kuranda, F. P. Dodd.

13. **Metagea punctulativentris**. As *hirbyi* but legs dark, petiole but over twice longer than wide, long-striate; abdomen finely punctulate save the long 2 above. S. Australia, Macleay Museum; Bright, Victoria, F. E. Wilson.

14. **Australia** (Encyrtini). Antennae filiform, scape slender, clubs longer than funicles; jaw teeth decreasing; funicle 1 quadrate, not half pedicel, 2 twice longer than wide, 6 over thrice longer than wide. Club 1 longest. Frons moderate. Marginal punctiform, other two equal, longer. Ovipositor $\frac{1}{3}$ abdomen.

A. minuta. Green, wings clear, legs save coxae, apices ovipositor, pedicel, scape, pale; discal cilia to base. Brisbane, Hacker.

15. **Austrodecatomia omninigra**. Black, tips tibiae, tarsi, knees, tibia 1, tegulae, spot propleurum, scape, two converging lines lower face (mouth to antennae), golden; a cloud against marginal, veins jet; funicle 1 longer than wide; propodeum with bifoveate median channel; segment 2 a fourth surface, all save 2, densely punctulate. Obscure yellow spot pronotum each side meson. Native limes, Eidsvold, Dr. Bancroft.

16. **Pseudobaeus dugandani** (Proctotrypidae). Black; legs, antennae, tegulae red; abdomen 1 reddish; head rugulose finely, hispid, a thin median carina from between antennae dorsad; scutum, scutellum densely, finely granulate; segments 1-2 coarsely striate, 3 granulate, finely striate at base; glabrous at apex, extending much past middle, as long as 1 + 2. Funicle 1 cup-shaped, much shorter than pedicel, 2-4 equal, twice wider than long; pedicel equal funicle, club equal rest of flagellum. Marginal bit longer than wide, equal postmarginal, $\frac{1}{5}$ the long, straight stigmal. No furrows. Segment 3 a bit wider than long. Lateral ocellus at eye. Dugandan, brigalow, May 20, 1923.

17. **Shakespeareia**. From *Anagyropsis* (male): Antennae greatly flattened, club solid, middle joints funicle widest.

S. flabellata. Aeneous; wings clear; tegulae save apex widely, legs save coxae 2-3, dot lateral aspect tibia 1, another tibia 2 dorsad near base, 2 dorsad tibia 3 either side middle; scape save disk of lateral aspect; apex pedicel, intense lemon; stigmal $\frac{1}{4}$ longer than postmarginal. Hairless line with 4 + 3 lines cilia proximad of it; flagellum splotched with silvery. Scutum, scutellum with numerous shallow punctures, pilose. Males, Bogong Plains, Victoria, 5500 ft, Jany., F. E. Wilson.

18. **Irichohaltichella coccinipes**. To *silvifilia* but legs red, tegulae red; punctures segment 3 larger, shallow, uniform, none along dorsal meson; smaller; segment 4 punctured like 3; pedicel exceeding funicle 2. S. Australia, Macleay Museum.

19. **Perilampus dentatinotum**. Blue, wings clear; knees, tarsi, cephalic face tibia 1, red; a tubercle-like tooth center scutellum; postmarginal shorter than marginal; upper face striate; usual. Lord Howe Island, Macleay Museum.

20. **Watsoniella helena** (Thysanoptera). Black; distal $\frac{2}{3}$ pterothorax, metathorax, segment 1, coxa 3, silvery; tarsi, tibia 1, distal $\frac{1}{3}$ tibiae, antennals 3-6, yellow white; wings clear, no accessories; head twice longer than wide; p.o., p.l's. moderate, capitate; distal sub-basal elongate, capitate. To "Helen = dellen." Taringa, forest, 25 April, 1928.

21. **Parafrankliniella nigripes**. Black, pterothorax reddish, tarsi, antennals 3-5 at basal $\frac{1}{3}$, pallid; wings dusky, paler proximad; from *F. trybomi*: dark legs, wing 1 with 3 cross-veins. Tomato leaves, Glen Osmond, S. Australia, March, G. Samuel.

22. **Horistothrips quadriconus**. Antennae black, wings brown save at base, p.o. acute, over $\frac{1}{2}$ eye; head nearly $\frac{1}{2}$ longer than wide; tarsi yellow, claw strong; antennal 3 longest, narrowing basally, 3, 4 each with 4 equal, strong sense-cones. Eleven accessories. Under bark, Bogong Plains, 6000 ft., Victoria, Jany., F. E. Wilson.

23. **Proconura shakespearei** (Chalcididae). As *politiventris* but pedicel longer, funicles after 1 $\frac{1}{2}$ longer than wide; abdomen 2 mostly glabrous. S. Australia, Macleay Museum.

24. **Metanthemus** (Anagrini). From *Paranthemus*: Antennae 5-jointed, 2 equal funicles, elongate club; metatarsi elongate, twice any following joint. Pedicel thrice longer than wide, $\frac{1}{2}$ scape, latter not as long as the naked club.

M. aureus. Golden, antennae, legs pallid; forewing 12 lines discal cilia, fringes $\frac{1}{2}$ width; hind with double row cephalad, one caudad (double distad); funicles a bit longer than wide. Aratula, forest, 17 May, 1923.

25. **Metapelma goethei**. As *westwoodi* but shaft tibia 3 red, metatarsus more dilated, silvery basal $\frac{1}{3}$; tibia 3 uniformly dilated, femur 3 wide and flat, only basal $\frac{1}{6}$ tibia 3 silvery. Chinchilla, A. P. Dodd.

26. **Thoracanthoides**. Scutellum produced almost vertically terminating in an elongate spine; abdomen petiolate; antennae 12-jointed, funicles 2-9 with an elongate ramus. Male.

T. albispina. Blue; body of abdomen, antennae red; legs pale; head finely striate above antennae; thorax pilose, with weak striae, parapside glabrous. Mouthplate 8-digitate. Mareeba, forest, 11 March, 1919.

27. **Stethynium atrum**. Black, tarsals 1-3, lateral margin scutellum, pale; funicles 1, 3 six times wider than long; as *tenerum*. Tingoora, brigalow, 17 March, 1923.

28. **Bardylis magnus**. Large. Black, wings clear, fringes short. Head except occiput, lateral pronotum, lateral scutum, parapside, post-scutellum, venation, legs 1-2, tarsi, apex pedicel, yellow. Abdomen jet. Submarginal with strong back curve. Funicles longer than wide and than pedicel. Scutellum with median groove, much wider than long. Taringa, forest, 7 May, 1928.

BRISBANE, 23rd May, 1928.