

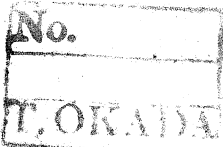
copy of whole paper needed Lond  
Walker, 1864 J. Linn Soc., Zool. VII: 202-238  
202 4 MR. F. WALKER ON DIPTERA COLLECTED IN

202-222 Mysol  
223-230 Waigiu  
230-238 Ceram

Catalogue of the Dipterous Insects collected in Waigiu, Mysol,  
and North Ceram by Mr. A. R. WALLACE, with Descriptions of  
New Species. By FRANCIS WALKER, Esq., F.L.S.

[Read Feb. 5, 1863.]

Mysol  
Wallace &  
Walker



MYSOL.

Fam. BIBIONIDÆ, Haliday.

Gen. PLECIA, Hoffmannsegg.

1. *Plecia dorsalis*, Walk. See Vol. I. p. 5.

Fam. CULICIDÆ, Haliday.

Gen. MEGARHINA, Desvoidy.

2. *Megarhina immisericors*, Walk. See Vol. IV. p. 90.

Gen. CULEX, Linn.

3. *Culex obturbans*, Walk. See Vol. IV. p. 91.

Fam. TIPULIDÆ, Haliday.

Gen. LIMNOBIA, Meigen.

*Div.* Wings with two discal arcolets; veins complete, not forked; the usual transverse veinlet between the second and third externo-medial veins.

4. *LIMNOBIA AURORATRA*, n. s. *Fem.* Atræ, antennis capite duplo longioribus, alis nigris, fascia ochracea bipunctata, gutta subcostali alba.

*Female.* Deep black, rather stout. Antennæ about twice the length of the head. Abdomen less than twice the length of the thorax. Legs long. Wings black, with a broad bright ochraceous band, which is slightly dilated on the costa and on the hind border; two blackish points on the exterior part of the band, one costal, the other on the hind border; a white subcostal dot near the exterior border of the band. Length of the body 5 lines; of the wings 12 lines.

*Div.* Wings with a discal arcolet; veins complete; cubital vein forked; the usual transverse veinlet between the second and third externo-medial veins.

5. *LIMNOBIA SELECTISSIMA*, n. s. *Mas.* Ochracea, capite nigro, antennis thorace vix brevioribus, abdomine lineis duabus anticis apiceque nigris, pedibus fuscis, femoribus flavescensibus apice nigris, alis cinereis, venis nigro marginatis, halteribus ochraceis apice nigris.

*Male.* Ochraceous, slender. Head black. Antennæ black, ochraceous at the base, nearly as long as the thorax. Thorax very short, slightly attenuated in front. Abdomen broader hindward, with a black line along each side from the base to the middle; tip black. Legs brown, slender; femora dull yellowish, with black tips; tibiæ and tarsi minutely setulose. Wings cinereous, with black veins, which have black borders; these are very broad along the costa, and thus the surface appears to be reticulated; halteres ochraceous, with black tips. Length of the body 5 lines; of the wings 9 lines.

Gen. GYMNOPLISTIA, *Westw.*

6. GYMNOPLISTIA MELANCHOLICA, n. s. *Mas et Fæm.* Nigra, capite subochraceo, pedibus piceo-nigris, alis cinereis. *Mas.* Abdomine fasciis flavis, alis apud costam nigricantibus nigro bimaculatis. *Fæm.* Alis, costa fasciisque tribus nigricantibus.

*Male and Female.* Black. Head dull ochraceous. Antennæ brownish, pale at the base, very broadly pectinated in the male. Abdomen of the male with yellow bands, except towards the tip. Legs piceous black. Wings cinereous; veins black. *Male.* Wings blackish along the costa and at the tips; two black spots extending from the costa to the disk. *Female.* Wings with the costa, the tips, and three broad bands blackish; 1st and 2nd bands connected. Length of the body 6-7 lines; of the wings 13-14 lines.

Nearly allied to *G. fulviceps* and to *G. jurgiosa*.

Fam. STRATIOMIDÆ, *Haliday.*

Gen. STRATIOMYS, *Geoffr.*

7. STRATIOMYS RESTRICTA, n. s. *Mas.* Nigra, antennis parvis basi flavescens, thorace pectoreque subaurato tomentosus, scutello spinis duabus flavescens, abdomine flavescens maculis quatuor nigris angulatis subconvexis, pedibus flavescens, alis albide limpidis.

*Male.* Black. Antennæ yellowish towards the base, shorter than half the breadth of the head. Thorax and pectus with slightly gilded tomentum. Scutellum with two yellowish spines. Abdomen yellowish green (in the living state), with four black, angular, nearly connected spots. Legs yellowish. Wings whitish limpid; veins pale yellow. Length of the body 4 lines; of the wings 6 lines.

Gen. SILDUBA, *Walk.*

8. SILDUBA GRADIENS, n. s. *Fæm.* Nigra, obscura, capite nitente, antennis basi rufescentibus, thorace vittis duabus cinereis, abdomine suturis apiceque nitentibus, pedibus rufescentibus, tibiis apice nigris, tarsis albidis apice nigris, alis nigricantibus, halteribus rufescentibus.

Subfam. PSILIDES, *Walk.*Gen. MICROPEZA, *Macq.*

- 95.
- Micropeza fragilis*
- ,
- Walk.*
- See Vol. I. p. 37.

Gen. ANGITULA, *Walk.*

- 96.
- Angitula longicollis*
- ,
- Walk.*
- See Vol. III. p. 123.
- Elaphomyia polita*
- ,
- Saund. Trans. Ent. Soc., New Series*
- , v. 416, pl. 12. f. 6, pl. 13. f. 1.

Gen. ELAPHOMYIA, *Saunders.*

- 97.
- Elaphomyia cervicornis*
- ,
- Saund. Trans. Ent. Soc. New Series*
- , v. 414, pl. 12. f. 4, 5.

Subfam. HYDROMYZIDES, *Holiday.*Gen. NOTIPHILA, *Fallén.*

- Mysol*  
to *Eostecana*
98. *NOTIPHILA ORTALIDOIDES*, n. s. *Fam. Atr.*, obscura, capite antico argenteo, thorace postico et abdomine cinereo tomentosis, tarsiis piccis basi albidis, alis nigris, fasciis duabus interruptis punctisque tribus discalibus albis, halteribus pallidis.

*Female.* Deep black, dull. Head silvery in front. Antennæ nearly reaching the epistoma; 3rd joint linear, rounded at the tip; arista plumose. Thorax hindward and abdomen with slight cinereous tomentum. Tarsi piccous, whitish towards the base. Wings black, with two white interrupted bands, and with three white points on the disk nearer the base; veins black; discal transverse vein straight, parted by less than its length from the border, and by more than its length from the præbrachial transverse vein; halteres pale. Length of the body  $2\frac{1}{2}$  lines; of the wings 5 lines.

- 3*  
*5x*
99. *NOTIPHILA UNICOLOR*, n. s. Ferruginea, antennis fulvis arista plumosa, abdomine picco segmentis cinereo marginatis, pedibus fulvis, alis fusciscenti-cinereis, halteribus albidis.

*1885*  
*Subgenus*  
*from*  
*the same*  
*as*

Ferruginous. Antennæ tawny, very short; 3rd joint conical; arista plumose. Abdomen piccous; hind borders of the segments cinereous. Legs tawny. Wings brownish cinereous; veins black; discal transverse vein straight, parted by much more than its length from the border, and by much more than twice its length from the præbrachial transverse vein; halteres whitish. Length of the body  $1\frac{3}{4}$  line; of the wings  $3\frac{1}{2}$  lines.

Fam. HIPPOBOSCIDÆ, *Leach.*Gen. ORNITHOMYIA, *Leach.*

- 100.
- Ornithomyia Batchianica*
- ,
- Walk.*
- See Vol. V. p. 300.

WAIGIOU,Fam. MYCETOPHILIDÆ, *Haliday*.Gen. LEIA, *Meigen*.

1. LEIA INDIVISA, n. s. *Fem.* Ochracea, antennis nigris basi ochraceis, abdomine clavato depresso, tibiis tarsisque subsetulosis, alis cinereis plagis tribus obscurioribus, venulis duabus subcostalibus nigro nebulosis.

*Female.* Ochraceous. Antennæ black, except at the base. Ocelli nearly contiguous, in a line with the hind border of the eyes. Abdomen depressed, increasing in breadth from the base to the tip. Legs rather long and slender; tibiæ and tarsi minutely setulose, a little darker than the femora and coxæ. Wings cinereous, with two elongated darker cinereous spots along the hind border, the second also apical; costa with a darker cinereous apical streak; veins black, ochraceous at the base; two oblique subcostal veinlets clouded with black. Length of the body  $3\frac{1}{2}$  lines; of the wings 6 lines.

This species, in the structure of the wing-veins, differs somewhat from all the European groups of the genus.

Fam. STRATIOMIDÆ, *Haliday*.Gen. NERVA, *Walk*.

2. Nerva scenopinoides, *Walk*. See Vol. III. p. 81.

Fam. ASILIDÆ, *Leach*.Subfam. LAPHRITES, *Walk*.Gen. LAPHRIA, *Fabr*.

3. Laphria complens, *Walk*. See Vol. IV. p. 106.

4. Laphria manifesta, *Walk*. See Vol. III. p. 87.

5. Laphria aperta, *Walk*. See Vol. III. p. 87.

6. Laphria puer, *Doleschall*. See Vol. V. p. 147.

7. LAPHRIA AURIBASIS, n. s. *Fem.* Cupreo-nigra, capite pilis aureis vestito, mystace e setis nigris, antennarum articulo 3<sup>o</sup> lineari, abdomine basi subtusque aurato pilis apicalibus nigris, pedibus aurato pilosis, femoribus incrassatis, alis nigricantibus basi cinereis, halteribus flavo-albis.

*Female.* Cupreous black, stout. Head with brightly gilded hairs in front, thickly clothed beneath with less gilded hairs; mystax composed of several black bristles. Proboscis, palpi, and antennæ black; 3rd joint of the antennæ linear, elongate-conical towards the tip. Pectus with gilded tomentum. Abdomen brightly gilded beneath and at the base above; tip black, shining, with black hairs. Legs robust, thickly covered with long gilded hairs; femora much incrassated; tarsi with