

Catalogue of the Dipterous Insects collected at Sarawak, Borneo,  
by Mr. A. R. WALLACE, with Descriptions of New Species.  
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Fam. MYCETOPHILIDÆ, *Haliday*.

Gen. SCIARA, *Meigen*.

Div. A. a. *Meig.* vi. 305.

1. SCIARA LATICORNIS, n. s., mas et fœm. Nigra, antennis validis, thorace nitido. Mas. Alis subnigricantibus. Fœm. Abdomine ferrugineo, alis nigricantibus.  
*Male and Female.* Black. Antennæ stout. Thorax shining. *Male.* Wings slightly blackish. *Female.* Abdomen ferruginous. Wings blackish. Length of the body 3-4 lines; of the wings 5-6 lines.
2. SCIARA SOLITA, n. s., fœm. Nigra, antennis gracilibus, thorace abdominisque apice subnitidis, pedibus piccis, alis subnigricantibus.  
*Female.* Black. Antennæ slender. Thorax and tip of the abdomen slightly shining. Legs piccous. Wings slightly blackish. Length of the body 1½ line; of the wings 3 lines.

Fam. CECIDOMYZIDÆ, *Haliday*.

Gen. CECIDOMYIA, *Latrille*.

3. CECIDOMYIA DEFERENDA, n. s., fœm. Fusca, capite nigro, thorace rufescente, pedibus testaceis, alis albidis, venis halteribusque testaceis.  
*Female.* Brown. Head black. Thorax reddish. Legs testaceous. Wings whitish, ciliated; veins and halteres pale testaceous; subcostal vein ending at a little before the middle of the costa; cubital vein ending at the tip of the wing; hind branch of the anal vein straight, and proceeding obliquely to the hind border. Length of the body 1½ line; of the wings 3½ lines.

Fam. BIBIONIDÆ, *Haliday*.

Gen. PLECIA, *Hoffmansegg*.

4. *Plecia dorsalis*, *Walk.* See page 5.
5. PLECIA SUBVARIANS, n. s., mas et fœm. Atra. Mas. Thorace rufo, alis subnigricantibus. Fœm. Thorace rufescente, alis nigricantibus.  
*Male and Female.* Deep black. *Male.* Thorax bright red. Wings slightly blackish. *Female.* Thorax dull red. Wings blackish. Length of the body 1½-2 lines; of the wings 4-5 lines.  
This species may be distinguished from *P. dorsalis* by its narrower wings.

Fam. CULICIDÆ, *Haliday*.

Gen. CULEX, *Linn.*

6. *Culex fuscus*, *Wied.* See page 5.

120. *IDIA DIVITTATA*, n. s., fœm. Rufa subtùs testacea, capite antico nigro, thorace vittis duabus nigris, abdomino suprâ nigro vittâ brevi anticâ rufâ, pedibus testaceis, tarsis anticis nigris basi albidis, alis fusco-cinereis.  
*Var. β.* Thorace nigro vittis duabus canis, abdominis dorso toto nigro.  
*Female.* Red, testaceous beneath. Head black in front. Antennæ pale red. Thorax with two black stripes. Abdomen above black, with a short red stripe on the anterior part. Legs testaceous; fore tarsi black, whitish towards the base. Wings brownish-grey, darker along the costa towards the base; veins black. Halteres testaceous.  
*Var. β.* Thorax black, with two hoary stripes. Abdomen wholly black above. Length of the body 3 lines; of the wings 5 lines.

Gen. *MUSCA*, *Linn.*

121. *Musca flaviceps*, *Macq.* See page 23.  
 122. *Musca chalybea*, *Wied. Auss. Zweifl. ii. 402. 30.*  
 Inhabits also Java.  
 123. *Musca micans?*, *Fabr. Syst. Antl. 291. 38* (genus *Silbomyia*, *Macq.*).  
 Inhabits also Hindostan, Sumatra and Java.  
 This is certainly the *S. micans* of Macquart, but does not quite agree with the descriptions of Fabricius and of Wiedemann.  
 124. *Musca trita*, *Walk.* See page 24.  
 125. *Musca dissidens*, *Walk.* See page 26.  
 126. *MUSCA EXEMPTA*, n. s. (n. subgen. allied to *Pyrellia*, *Desv.*), fœm. Lætè viridis, palpis antennisque nigris, abdominis disco purpureo, pedibus piccis, alis subcinereis basi fuscis, venis præbrachiali et cubitali conjunctis.  
*Female.* Bright green. Palpi and antennæ black. Disk of the abdomen purple. Legs piccous; femora darker than the tibiæ. Wings slightly greyish, brown at the base and along pearly half the length of the costa; veins black; præbrachial vein curved, not angular, joining the cubital vein near the tip of the latter; discal transverse vein almost straight, parted by less than its length from the border, and by more than its length from the flexure of the præbrachial. Alulæ lurid. Length of the body 2 lines; of the wings 3½ lines.  
 127. *Musca domestica*, *Linn. Syst. Nat. ii. 990.*  
 Inhabits also Europe and some parts of Africa, Asia, and America.

Gen. *BENGALIA*, *Dev.*

128. *Bengalia Dioclea*, *Walk. Cat. Dipt. pt. 4. 869* (*Musca*).

Subfam. *ANTHOMYIDES*, *Walk.*

Gen. *ARICIA*, *Macq.*

129. *Aricia patula*, *Walk.* See page 28.  
 This may perhaps be a variety of *Anthomyia quadrata*, *Wied. Auss. Zweifl. ii. 428. 14.*  
 The latter inhabits Java.

130. *ARICIA INAPERTA*, n. s., mas et fœm. Testacea, capite suprâ et thoracis disco nigris, orbitis albis, pedibus testaceis, alis cinereis apud costam obscurioribus venis nigris basi fulvis. *Fœm.* Abdominis disco nigro.

*Male and Female.* Testaceous. Head above and disk of the thorax black. Abdomen shining. Eyes bordered with white tomentum. Legs testaceous. Wings grey, darker along the costa; veins black, tawny at the base; discal transverse vein undulating, slightly oblique, parted by less than its length from the border, and by much more than its length from the præbrachial transverse vein. *Female.* Disk of the abdomen black. Length of the body 3 lines; of the wings  $5\frac{1}{2}$  lines.

#### Gen. ANTHOMYIA, Meigen.

131. *ANTHOMYIA ILLOCATA*, n. s., fœm. Albida, capite albo, maculâ verticis subquadratâ nigrâ; thorace fasciâ nigrâ, abdomine o maculis nigris trivittato, alis sublimpidis.

Closely allied to *A. tonitru*, Wied. *Female.* Whitish, with black bristles. Head white. Frontalia with a black subquadrate spot in front. Proboscis and legs black. Thorax with a black band in front of the wings. Abdomen with three rows of black spots; the middle spots lanceolate, the lateral triangular. Wings nearly limpid; veins black, testaceous at the base; discal transverse vein slightly curved and oblique, parted by much less than its length from the border, and by much more than its length from the præbrachial transverse vein. Length of the body  $2\frac{1}{2}$  lines; of the wings 4 lines.

#### Gen. CENOSIA, Meigen.

132. *CENOSIA macularis*, Wied. *Auss. Zweifl.* ii. 438. 2.  
Inhabits also Hindostan.

133. *CENOSIA INSURGENS*, n. s., fœm. Nigra cinereo-tomentosa, orbitis albis, antennis testaceis, abdomine o maculis nigris trivittato, alis limpidis, halteribus pallidis.

*Female.* Black, with cinereous tomentum. Head white about the eyes. Antennæ dull testaceous. Abdomen with three black spots on each side. Wings limpid; veins black, testaceous at the base; discal transverse vein parted by full its length from the border and by nearly twice its length from the præbrachial transverse vein. Halteres pale. Length of the body 2 lines; of the wings 4 lines.

#### Subfam. HELOMYZIDES, Fallen.

##### Gen. HELOMYZA, Fallen.

134. *Helomyza orientalis*, Wied. *Auss. Zweifl.* ii. 575. 2. (*Sciomyza*.)  
Inhabits also Java.

135. *HELOMYZA FUSCICOSTATA*, n. s., fœm. Fulva, facie orbitisque cano-tomentosis, abdomine nigro basi fulvo, tibiis tarsisque fusciscentibus, alis cinereis apud costam fuscis.

*Female.* Tawny with black bristles, paler beneath. Head with heavy tomentum about the eyes and in front. Abdomen black, tawny at the base. Tibiæ and tarsi brownish. Wings grey, brown along the costa; veins black,

tawny at the base; discal transverse vein oblique, hardly undulating, parted by full half its length from the border and by less than twice its length from the præbrachial transverse vein. Halteres testaceous, with darker knobs. Length of the body  $3\frac{1}{2}$  lines; of the wings 7 lines.

136. *HELOMYZA EQUATA*, n. s., fœm. Ferruginea, facie cinereo-tomentosâ, antennis fulvis, scutelli apice pectoreque nigricantibus; abdomine nigro, pedibus piccis, alis luridis posticè cinereis.

*Female*. Ferruginous, with black bristles. Head with cinereous tomentum in front. Antennæ tawny. Scutellum towards the tip and pectus blackish. Abdomen black. Legs piccous. Wings lurid, grey along the hind border; veins tawny; discal transverse vein straight, oblique, parted by less than its length from the border, and by much more than twice its length from the præbrachial transverse vein. Halteres testaceous. Length of the body  $2\frac{1}{2}$  lines; of the wings 5 lines.

137. *HELOMYZA LIMBATA*, n. s., fœm. Pallidè fulva, thoraco abdomineque latè nigro-vittatis, pedibus testaceis, alis cinereis.

*Female*. Pale tawny, with black bristles, testaceous beneath. Arista black, deeply plumose. Thorax and abdomen with a broad black stripe. Legs testaceous. Wings grey; veins black, tawny at the base; discal transverse vein parted by much less than its length from the border, and by more than twice its length from the præbrachial transverse vein. Length of the body 2 lines; of the wings 4 lines.

138. *HELOMYZA PROVICTA*, n. s., fœm. Fulva, orbitis albidis, pedibus testaceis, tarsis obscurioribus, alis luridis posticè cinereis apice fuscis.

*Female*. Tawny, testaceous beneath. Head whitish about the eyes. Arista black, with long hairs. Legs testaceous; tarsi darker. Wings lurid, grey along the hind border, brown at the tips and along the adjoining part of the costa; veins tawny, black in the brown part and along the costa; discal transverse vein clouded with brown, parted by half its length from the border, and by twice its length from the præbrachial transverse vein. Length of the body  $2\frac{1}{2}$  lines; of the wings 5 lines.

139. *HELOMYZA INVICTA*, n. s., fœm. Fulva, abdominis segmentis nigro-fasciatis, pedibus testaceis, alis cinereis dimidio apicali anticè fusco venâ discali transversâ fusco-nebulosâ.

*Female*. Tawny, testaceous beneath. Arista black, with long hairs. Abdomen with a blackish band on the hind border of each segment. Legs testaceous. Wings grey, brown on half the breadth behind the apical half of the costa; discal transverse vein clouded with brown, almost straight and upright, parted by its length from the border, and by more than twice its length from the præbrachial transverse vein. Length of the body 2 lines; of the wings 4 lines.

#### Gen. *SAPROMYZA*, *Fallen*.

140. *Sapromyza biguttata*, *Macq. Dipl. Exot.*

Inhabits also Java.

#### Gen. *GAUZANIA*, n. g.

*Fœm.* *Corpus* gracile, setosum, subcylindricum. *Oculi* nudi. *Antenna*

brevcs; articulus 3<sup>us</sup> longè conicus; arista plumosa. *Abdomen* oblanceolatum, thorace angustius, vix longius. *Pedes* non setosi. *Alæ* angustæ, venis parallelis.

*Female.* Body slender, bristly, nearly cylindrical. Eyes bare. Antennæ short; 3rd joint elongate-conical; arista deeply plumose. Abdomen oblanceolate, shining, narrower but very little longer than the thorax. Legs not bristly. Wings narrow; præbrachial vein parallel to the cubital; discal transverse vein straight, parted by about its length from the border, and by much more than twice its length from the præbrachial transverse vein.

141. *GAUZANIA DEVECTA*, n. s., fœm. Nigra obscura, abdomine nitente, pedibus piccis, alis nigricantibus posticè pallidioribus, halteribus albidis.

*Female.* Black, dull. Abdomen shining. Legs piccous; femora darker than the tibiæ. Wings blackish, paler along the exterior border; veins black. Halteres whitish. Length of the body  $1\frac{1}{4}$  line; of the wings  $3\frac{1}{2}$  lines.

#### Subfam. LAUXANIDES, *Walk.*

##### Gen. LAUXANIA, *Latr.*

142. *Lauxania eucera*, *Walk.* See page 29.

##### Gen. CELYPHUS, *Dalman.*

143. *Celyphus scutatus*, *Wied. Auss. Zweifl.* ii. 601. 2.

Inhabits also Hindostan and the Philippine Islands.

#### Subfam. ORFALIDES, *Haliday.*

##### Gen. LAMPROGASTER, *Macq.*

144. *Lamprogaster zonata*, *Walk.* See page 30.

145. *Lamprogaster glabra*, *Walk.* See page 30.

"On decaying timber," *Wallace MSS.*

146. *LAMPROGASTER BASILUTEA*, n. s., mas. Nigra, capite apud oculos vittis-quo duabus anticis testaceis, antennis piccis, thorace vittis quatuor pallidè flavis, abdomino fasciis duabus pallidè flavis posticè interruptâ, femoribus apice rufescentibus, tarsis albis apice nigris, alis cinereis fusco subnebulosis basi anticè luteis, halteribus testaceis.

*Male.* Very nearly allied to *L. zonata*, and perhaps the male of that species. Black, shining. Head testaceous about the eyes, and with two testaceous stripes in front. Antennæ piccous. Thorax with four pale yellow stripes, one on each side in front of the wings, and one on each side of the scutum. Abdomen with two slender pale yellow bands, the hind one interrupted. Femora reddish at the tips; tarsi white, with black tips. Wings grey, partly and very slightly clouded with brown, luteous along the basal part of the costa; veins black, tawny towards the base and along the costa; discal transverse vein like that of *L. zonata*. Halteres testaceous. Length of the body 3 lines; of the wings 6 lines.

147. *LAMPROGASTER DIVISA*, n. s., fœm. Nigra, tibiis testaceis nigro-fasciatis, tarsis albis apice nigris, alis nigricantibus guttis plurimis fasciâque interlineatâ limpidis, halteribus pallidis.