

SOME PREDACIOUS FLIES AND THEIR PREY

BY MARCEL LECLERCQ

Reprinted from 'The Entomologist's Monthly Magazine,' Vol. lxxxii.

Date of publication: 6th August, 1946.

Observations have previously been published on the prey of Belgian Diptera. It is, of course, desirable to fill in this gap, and this gives a preliminary list of the prey of some Asilidae, Empididae and Phoridae recorded in the vicinity of Liège. The name of the captor is given first in each of the following paragraphs.

- Dioctria rufifrons* Deg., ♀.—HYMENOPTERA: ICHNEUMONIDAE (det. A. Roman).—*Phes* cf. *obscurus* Holmg., 1 ♀, Beyne, 25.v.42; *Cratichneumon rufifrons* Grav., 1 ♂, Ankempis, 10.vi.42. TENTHREDINIDAE (det. P. Maréchal).—*Holcocneme lucida* Panz., 1 ♀, Beyne, 3.vi.42, along a hedge. DIPTERA: STRATIOMYIIDAE.—*Chloromyia formosa* Scop., ♂, Beyne, 19.vii.42.
- Asilus crabroniformis* L., ♀.—ORTHOPTERA: LOCUSTIDAE (det. F. Carpentier).—*tauroderus biguttulus* L., 1 ♂, Fonds-Coy (Bellaire), 26.viii.42.
- Coryneta* (= *Tachydromia*) *eumelena* Mik., ♀ (det. E. O. Engel).—DIPTERA: EMPIDIDAE.—*Tendipes dorsalis* Mg., Beyne, 12.v.42.
- Coryneta minuta* Mg.—DIPTERA: LYCORIIDAE (det. F. Lengersdorf).—*Neosciara pullula* n., Beyne, 5.vi.42 and 25.v.42; *N. vivida* Winn., Beyne, 25.v.42. TENDIPEDIDAE (det. M. Goetghebuer).—*Cricotopus bicinctus* Mg., 1 ♂, Ayeneux, 15.viii.42; *Psectrotanypus varius* F., 1 ♀, Beyne, 18.v.42. EPHYDRIDAE (det. A. Collart).—*Hydrellia griseola* Fall., Beyne, 27.v.42. AGROMYZIDAE (det. M. Hering).—*Phytomyza rufipes* Mg., Beyne, 17.v.42.
- Empis livida* L., ♂.—HYMENOPTERA: ICHNEUMONIDAE.—Ophioninae, sp. indet., Fonds-Coy (Bellaire), 13.vi.42.
- Empis scaura* Liv. (?), ♀ (det. E. O. Engel).—DIPTERA: LYCORIIDAE (det. F. Lengersdorf).—*Neosciara pullula* Winn., Beyne, 3.vi.42, along a hedge. SPHAEROCERIDAE (det. P. Vanschuytbroeck).—*Limosina appendiculata* Villen., 1 ♂, Beyne, 3.vi.42.
- Scatophaga stercoraria* L., ♂.—DIPTERA: BIBIONIDAE.—*Bibio lanigerus* Mg., 1 ♂, Beyne, 7.v.42. SCATOPSIDAE.—*Scatopse fuscipes* Mg. (det. M. Goetghebuer), Beyne, 27.viii.44; *S. notata* L., Beyne, 23.iii.45. EMPIDIDAE (det. A. Collart).—*Empis vernalis* Mg., Bellaire, 20.v.42. HELOMYZIDAE.—*Helomyza serrata* L., Beyne, 23.iii.45. DROSOPHILIDAE.—*Drosophila funebris* F., Beyne, 26.iii.45. ANTHOMYIIDAE.—*Musca domestica* L., 1 ♂, Beyne, 5.x.45, and 1 ♀, Beyne, 3 & 13.viii.45; *Stomoxys calcitrans* L., 1 ♂, Beyne, 13.viii.45, and 1 ♂, Bellaire, 9.v.42; *Fannia canicularis* L., 1 ♂, Beyne, 25.vi.44; *Paregle radicum* L., 1 ♂, Beyne, 19.viii.41.
- Scatophaga stercoraria* L., ♀.—HEMIPTERA: HOMOPTERA (det. V. Lallemand).—*Empoasca* sp., 1 ♀, Bellaire, 6.xi.41. DIPTERA: BIBIONIDAE.—*Dilophus febrilis* L., Beyne, 17.viii.41. HELOMYZIDAE.—*Helomyza serrata* L., Beyne, 23.iii.45. SPHAEROCERIDAE (det. P. Vanschuytbroeck).—*Sphaerocera parapsilla* Duda, 1 ♀, Beyne, 18.iv.42. MILICHIIDAE (det. A. Collart).—*Madida glabra* Fall., 1 ♀, Beyne, 15 & 17.iv.43. ANTHOMYIIDAE.—*Stomoxys calcitrans* L., 1 ♀, Beyne, 7.v.44.

41 Rue du Prof. E. Malvoz, Beyne-Heusay, Liège, Belgium.

December 27th, 1945.