

Wu, Catalogus Insectorum Sinensium, I, p. 247 (1935).

## ORDER VII. EPHEMERIDA

### SUBORDER EHPHEMEROIDEA

Ephemeroidea Ulmer, Stett. Ent. Zeitg. 81, p. 100 (1920).

#### FAMILY POLYMITARGIDAE

Genus **CHROMARCYS** Navas

Chromarcys Navas, Mem. Acc. Sci. Nuovi Lincei, (2), XVI, p. 927 (1932).

**C. magnifica** Navas

Navas, Mem. Accad. Sci. Nuovi Lincei, (2), XVI, p. 928 (1932).

**CHINA:** Yunnan.

#### FAMILY EPHEMERIDAE

Genus **EPHEMERA** Linnaeus

Ephemera Linnaeus, Fauna Suec. Ed. I, p. (1746).

Leach, Brewster's Edin. Encycl. IX, p. (1815).

Eaton, Trans. Linn. Soc. (2) III, p. 58 (1883-8).

**E. axillaris** Navas

Navas, Broteria XXVI, p. 133 (1930).

**CHINA:** Kouy-tcheou (Reg. de Pin-fa).

**E. formosana** Ulmer

Ulmer, Arch. f. Naturg. 85, A (11), p. 6, f. 5 (1919).

Ulmer, Arch. f. Naturg. 91, A (5), p. 92 (1925).

**CHINA:** Kwangtung.

Formosa.

**E. kirinensis** Hsü

Hsü, Peking Nat. Hist. Bull. VI (2), p. 40 (1931).

**CHINA:** Kirin.

**E. lineata** Eaton

Eaton, Trans. Ent. Soc. Lond. 1870, p. 1 (1870).

Eaton, Trans. Ent. Soc. Lond. 1871, p. 71, t. 4, f. 7 (1871).

Eaton, Trans. Linn. Soc. (2) III, p. 63 (1883).

Klapalek, in Brauer's Susswasserfauna Deuts. VIII, p. 9 (1909).

Ulmer, Arch. f. Naturg. 91, A (5), p. 86 (1925).

*danica* Pictet, Hist. Nat. Ephem. 1843-5, p. 130, t. 7, f. 1-4 (1843-5).

*lutea* Burmeister, Handb. Entom. II, p. 804 (1839).

**CHINA:** Peiping, Kiangsi, Hunan.

Europe, Siberia, Korea, Japan.

- E. iota** Navas  
Navas, Notes d'Ent. Chinoise, I (14), p. 6 (1934).  
**CHINA:** Loubou.
- E. pictipennis** Ulmer  
Ulmer, Konowia III, p. 28, f. 1-2 (1924).  
Ulmer, Arch. f. Naturg. 91, A (5), p. 93 (1925).  
**CHINA:** Shanghai, Kuling, Hangchow, Mokanshan.
- E. pistiventris** MacLachlan  
MacLachlan, Ann. Mag. Nat. Hist. (6) XIII, p. 428 (1904).  
Ulmer, Arch. f. Naturg. 91, A (5), p. 93 (1925).  
**CHINA:** Tatsienlu.
- E. pieli** Navas  
Navas, Notes d'Ent. Chinoise, I (14), p. 5 (1934).  
**CHINA:** Loubou.
- E. pulcherrima** Eaton  
Eaton, Trans. Ent. Soc. Lond. 1892, p. 185 (1892).  
Ulmer, Arch. f. Naturg. 91, A (5), p. 86 (1925).  
**CHINA:** Peiping, Kiangsi, Kwangtung, Fukien.  
India, Burma.
- E. purpurata** Ulmer  
Ulmer, Arch. f. Naturg. 85, A (11), p. 9, f. 6-7 (1919).  
Ulmer, Arch. f. Naturg. 91, A (5), p. 93 (1925).  
**CHINA:** Kweichow.
- E. sauteri** Ulmer  
Ulmer, Ent. Mitt. I, p. 369 (1912).  
Ulmer, Arch. f. Naturg. 91, A (5), p. 92 (1925).  
**CHINA:** Kwangtung.  
Formosa.
- E. serica** Eaton  
Eaton, Trans. Ent. Soc. Lond. 1871, p. 75, t. 4, f. 12, 12a (1871).  
MacLachlan, Trans. Ent. Soc. Lond. 1875, p. 169 (1875).  
Eaton, Trans. Linn. Soc. (2) III, p. 73 (1883).  
Ulmer, Arch. f. Naturg. 91, A (5), p. 89 (1925).  
**CHINA:** Peiping, Soochow, Kwangtung.  
Tonkin.

## FAMILY POTAMANTHIDAE

Genus **POTAMANTHODES** Ulmer

Potamantodes Ulmer, Arch. f. Naturg. 85, A (11), p. 11 (1919).

- P. formosanus** (Eaton)  
Eaton, Trans. Ent. Soc. Lond. 1892, p. 186 (1892) (*Potamantlus*).  
Ulmer, Arch. f. Naturg. 85, A (11), p. 11, f. 8 (1919).

Ulmer, Arch. f. Naturg. 91, A (5), p. 98 (1925).

**CHINA:** Hangchow, Kwangtung, Yunnan.

India, Formosa, Japan.

Genus **RHOENANTHUS** Eaton

Rhoenanthus Eaton, Ent. Monthly Mag. XVII, p. 192 (1881).

Eaton, Trans. Linn. Soc. (2) III, p. 81 (1883-8).

**R. amabilis** Eaton

Eaton, Trans. Ent. Soc. Lond. 1892, p. 188 (1892).

Ulmer, Arch. f. Naturg. 91, A (5), p. 100 (1925).

**CHINA:** Kwangtung.

Burma, Tonkin.

**R. magnificus** Ulmer

Ulmer, Arch. f. Naturg. 85, A (11), p. 11, f. 9 (1919).

Ulmer, Arch. f. Naturg. 91, A (5), p. 100 (1925).

**CHINA:** San Chouen, Chenghu.

Tonkin.

## SUBORDER BAETOIDEA

Baetoidea Ulmer, Stett. Ent. Zeitg. 81, p. 111 (1920).

### FAMILY LEPTOPHLEBIIDAE

Genus **LEPTOPHLEBIA** Westwood

Leptophlebia Westwood (1840).

Eaton, Ent. Monthly Mag. XXVII, p. 193 (1881).

Eaton, Trans. Linn. Soc. (2) III, p. 91 (1883-8).

**L. elongatula** McLachlan

McLachlan, Trans. Ent. Soc. Lond. p. 169 (1875).

Ulmer, Deuts. Ent. Zeits. 1929, p. 164 (1929).

**CHINA.**

### FAMILY EPHEMERELLIDAE

Genus **TELOGANODES** Eaton

Teloganodes Eaton, Ent. Mon. Mag. XVIII, p. 208 (1882).

Eaton, Trans. Linn. Soc. (2) III, p. 134 (1883-8).

**T. lugens** Navas

Navas, Notes d'Ent. Chinoise, I (9), p. 17 (1933).

**CHINA:** Chusan.

### FAMILY CAENIDAE

Genus **CAENIS** Stephens

Caenis Stephens, Ill. Brit. Ent. VI, p. (1835).

Eaton, Trans. Linn. Soc. (2) III, p. 141 (1883-8).

Bengtsson, Entom. Tidskr. 1917, p. 180 (1917).

**C. nigropunctata** Klapalek

Klapalek, Mitt. Nat. Mus. Hamburg, 1905, p. 104 (1905).

**CHINA:** Peiping.

**FAMILY BAETIDAE**Genus **BAETIS** Leach

Baetis Leach, Brewster's Edin. Encycl. IX, p. (1815).  
Eaton, Trans. Linn. Soc. (2) III, p. 156 (1883-8).

- B. vallanti** Navas  
Navas, Broteria XXVII, ser. Zool. (3), p. 121 (1931).  
**CHINA:** Kansu, Shensi.
- B. sp.**  
Navas, Notes d'Ent. Chinoise, I (14), p. 8 (1934).  
**CHINA:** Loubou.

Genus **CLOEON** Leach

Cloëon Leach, Brewster's Edin. Encycl. IX, p. (1815).  
Eaton, Trans. Linn. Soc. (2) III, p. 179 (1883-8).

- C. apicatum** Navas  
Navas, Notes d'Ent. Chinoise, I (9), p. 17 (1933).  
**CHINA:** Chusan.
- C. bimaculatum** Eaton  
Eaton, Trans. Linn. Soc. (2) III, p. 182 (1883-8).  
**CHINA:** S. China.  
Ceylon.
- C. marginale** (Hagen)  
Hagen, Verh. Zool.-bot. Ges. Wien, VIII, p. 477 (1858) (Cloë).  
Eaton, Trans. Linn. Soc. (2) III, p. 181 (1885).  
Ulmer, Ent. Mitt. I, p. 369 (1912).  
Ulmer, Notes Leyden Mus. XXXV, p. 115 (1913).  
Lestage, Ann. Soc. Ent. Belg. 61, p. 221 (1921).  
Ulmer, Treubia VI, p. 56, f. 28-29 (1924).  
Ulmer, Arch. f. Naturg. 91, A (5), p. 100 (1925).  
*marginata* Needham, Rec. Ind. Mus. III, p. 191 (1909).  
**CHINA:** Kwangtung.  
Ceylon, Java, Sumatra, Bengal, Tonkin.
- C. pielinum** Navas  
Navas, Notes d'Ent. Chinoise, I (13), p. 8 (1933).  
**CHINA:** Shanghai.
- C. sinense** (Walker)  
Walker, List Neur. Ins. Brit. Mus. III, p. 584 (1853) (*Caenis*).  
Eaton, Trans. Linn. Soc. (2) III, p. 189 (1885).  
Ulmer, Arch. f. Naturg. 91, A (5), p. 101 (1925).  
*russulum* Eaton, Trans. Ent. Soc. Lond. 1871, p. 105, var. 2 (part) (1871).  
**CHINA:** N. China.

- C. virens** Klapalek  
 Klapalek, Mitt. Naturh. Mus. Hamburg, XXII, p. 106 (1905).  
 Ulmer, Notes Leyden Mus. XXXV, p. 112 (1913).  
 Ulmer, Treubia VI, p. 53, f. 26-27 (1924).  
 Ulmer, Arch. f. Naturg. 91, A (5), p. 100 (1925).  
**CHINA:** Kwangtung.  
 Java, Sumatra, Australia.
- C. viridulum** Navas  
 Navas, Notes d'Ent. Chinoise, I (7), p. 6 (1931).  
 Navas, Notes d'Ent. Chinoise, I (9), p. 17 (1933).  
**CHINA:** Shanghai, Zocé, Chusan.

## SUBORDER HEPTAGENOIDEA

Heptagenoidea Ulmer, Stett. Ent. Zeitg. 81, p. 130 (1920).

### FAMILY SIPHLONURIDAE

Genus **CHIROTONETES** Eaton

Chironetes Eaton, Ent. Monthly Mag. XXVIII, p. 21 (1881).

Eaton, Trans. Linn. Soc. (2) III, p. 203 (1925).

- C. japonicus** Ulmer  
 Ulmer, Arch. f. Naturg. 85, A (12), p. 59, f. 43 (1919).  
 Ulmer, Arch. f. Naturg. 91, A (5), p. 101 (1925).  
**CHINA:** Kwangtung.  
 Korea, Japan.

Genus **SIPHLURISCUS** Ulmer

Siphuriscus Ulmer, Arch. f. Naturg. 85, A (12), p. 62 (1919).

- S. chinensis** Ulmer  
 Ulmer, Arch. f. Naturg. 85, p. 62, f. 44-45 (1919).  
 Ulmer, Arch. f. Naturg. 91, A (5), p. 101 (1925).  
**CHINA:** Kwangtung.
- S. davidi** Navas  
 Navas, Mem. Accad. Sci. Nuovi Lincei, XVI, p. 929 (1932).  
**CHINA.**

### FAMILY ECDYONURIDAE

Genus **ECDYONURUS** Eaton

Ecdyonurus Eaton, Trans. Ent. Soc. Lond. p. 142 (1868).

Eaton, Ent. Monthly Mag. XXVIII, p. (1881).

Eaton, Trans. Linn. Soc. (2) III, p. 276 (1883-4).

- E. davidi** Navas  
 Navas, Notes d'Ent. Chinoise, II (1), p. 14 (1934).  
**CHINA:** Kiangsi.
- E. pichoui** Navas  
 Navas, Notes d'Ent. Chinoise, II (1), p. 13 (1934).  
**CHINA** (?).

Genus **HEPTAGENIA** Walsh

Heptagenia Walsh, Proc. Acad. Nat. Sc. Philad. p. (1862).

Eaton, Ent. Monthly Mag. XXVIII, p. 24 (1881).

Banks, Canad. Entom. 1910, p. 197 (1910).

**H. chinensis** Ulmer

Ulmer, Arch. f. Naturg. 85, A (11), p. 73, f. 52-53 (1919).

Ulmer, Arch. f. Naturg. 91, A (5), p. 110 (1925).

Navas, Notes d'Ent. Chinoise, II (1), p. 12 (1934).

**CHINA:** Peiping.

**H. davidica** Navas

Navas, Notes d'Ent. Chinoise, II (1), p. 12 (1934).

**CHINA:** Moupin.

**H. flavata** Navas

Navas, Bolet. Soc. Entom. Espan. 1922, p. 61, f. 3-4 (1922).

Ulmer, Arch. f. Naturg. 91, A (5), p. 110 (1925).

**CHINA:** Canton.

Genus **IRON** Eaton

Iron Eaton, Trans. Linn. Soc. (2) III, p. 244 (1883).

**I. sinensis** Ulmer

Ulmer, Arch. f. Naturg. 91, A (5), p. 105 (1925).

**CHINA:** Kwangtung.

Genus **PAEGNIODES** Eaton

Paegniodes Eaton, Ent. Monthly Mag. XXVIII, p. 23 (1881).

Eaton, Trans. Linn. Soc. (2) III, p. 261 (1883-8).

**P. cupulatus** (Eaton)

Eaton, Trans. Ent. Soc. Lond. p. 138, t. 6, f. 14, 14a (1871) (*Hep'agenia*).

Palmén, Paar. Aust.-Gänge d. Geschl. Org. b. Insect. S. 74 (1884).

Eaton, Ent. Monthly Mag. XXVIII, p. 23 (1881).

Eaton, Trans. Linn. Soc. (2) III, p. 261, t. 23, f. 41, t. 24, f. 41 (1885).

Ulmer, Arch. f. Naturg. 91, A (5), p. 107 (1925).

**CHINA:** Kwangtung, Tibet, Hangchow.

**P. fukienensis** Hsü

Hsü, Peking Nat. Hist. Bull. VI, (2), p. 39 (1931).

**CHINA:** Fukien.

Genus **THALEROSPHYRUS** Eaton

Thalerosphyrus Eaton, Ent. Monthly Mag. XXVIII, p. 22 (1881).

Eaton, Trans. Linn. Soc. (2) III, p. 232 (1881).

**T. melli** Ulmer

Ulmer, Arch. f. Naturg. 91, A (5), p. 101 (1925).

**CHINA:** Kwangtung.

**T. cingulatus** Navas

Navas, Notes d'Ent. Chinoise, I (9), p. 18 (1933).

**CHINA:** Chusan.

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# CATALOGUS INSECTORUM SINENSIIUM

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