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## Name Lists of Insects in Taiwan-Plecoptera 【Review article】

### 臺灣昆蟲名錄－襖翅目【綜合論述】

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### Abstract

29 speceis of Plecoptera from Taiwan are listed, including information on the type depository, sex of the holotype, and type locality.

### 摘要

本名錄羅列台灣產29種石蠅的學名及中文名，同時也列出模式標本的館藏地、全模式標本的性別、及模式產地。

**Key words:** Name list, Plecoptera, stoneflies, Taiwan

**關鍵詞:** 名錄、襖翅目、石蠅、臺灣

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# 臺灣昆蟲名錄—積翅目

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## 摘要

本名錄羅列臺灣產29種石蠅的學名及中文名，同時也列出模式標本的館藏地、全模式標本的性別、及模式產地。

關鍵詞：名錄、積翅目、石蠅、臺灣

Suborder **ARCTOPERLARIA** 北積翅亞目

Family **STYLOPERLIDAE** 刺石蠅科

1. *Cerconychia brunnea* Klapálek, 1913: Suppl.

Ent., 2: 126. 褐刺石蠅

Uchida & Isobe, 1989. Spixiana, 12: 152.

**Type locality:** male lectotype: TAIWAN:

CHIAI, Shuisheliao (=Suisharyo [水社寮])

**Type depository:** Projektgruppe Entomologie in der Fachhochschule Eberswalde "Deutsches Entomologisches Institut", Eberswalde, Germany (DEI).

2. *Cerconychia livida* Klapálek, 1913: Suppl.

Ent., 2: 125. 藍刺石蠅

Uchida & Isobe, 1989. Spixiana, 12: 156.

**Type locality:** male lectotype: TAIWAN, KAOHSIUNG, Chiahsien (=Kosempo [甲仙])

**Type depository:** DEI.

Family **PELTOPERLIDAE** 扁石蠅科

1. *Cryptoperla formosana* (Okamoto) 蓬萊端刺石蠅

*Nogiperla formosana* Okamoto, 1912: Trans. Sapporo Nat. Hist. Soc., 4: 136. Male (described as female).

Kohno, 1945. Konchu Sekai, 49: 11.

Kohno, 1946. Konchu Sekai, 50: 13.

*Cryptoperla formosana* Uchida & Isobe, 1988: Aquatic Insects, 10: 23.

**Type locality:** male holotype: TAIWAN,

IIAN (=Giran [宜蘭])

**Type depository:** Entomological Institute,  
Faculty of Agriculture, Hokkaido  
University, Sapporo, Japan (HU).

2. *Peltoperla formosana* Klapálek, 1913:  
Suppl. Ent., 2: 123. 蓬萊扁石蠅

STARK, 1989. Ent. scand., 19: 521.

**Type locality:** female holotype: TAIWAN,  
CHIAI, Talin (=Taihorin [大林])

**Type depository:** DEI.

Family **PERLIDAE** 石蠅科

1. *Agnentina aequalis* (Banks) 長刺石蠅

*Togoperla aequalis* BANKS, 1937:  
Philippine J. Sci., 62: 269.

*Agnentina aequalis* Stark & Sivec, 1991:  
Aquatic Insects, 13: 154.

**Type locality:** male holotype: TAIWAN,  
TAICHUNG, Shikayau [志佳陽]

**Type depository:** Museum of Comparative  
Zoology, Cambridge, Mass., USA (MCZ).

2. *Tyloperla formosana* (Okamoto) 蓬萊瘤石蠅  
*Perla formosana* Okamoto, 1912: Trans.  
Sapporo Nat. Hist. Soc., 4: 120.

*Kamimuria schenklingi* Klapálek, 1912:  
Easopis Eeské Spoleè. Ent., 9: 97 (syn.  
fide Klapálek 1923: 27).

*Kamimuria schenklingi* Klapálek, 1913:  
Suppl. Ent., 2: 112,.

*Tylopyge minor* Klapálek, 1913: Suppl. Ent.,  
2: 115.

*Kamimuria formosana*, *Tylopyge minor*  
Klapálek, 1923: Colls. Zool. Selys  
Longchamps (2)2: 27, 65.

*Tylopyge signata* Banks, 1937: Philippine J.  
Sci., 62: 270.

*Tyloperla formosana* Sivec, Stark & Uchida,

1988: Scopolia, 16: 15.

**Type locality:** female holotype: TAIWAN

**Type depository:** HU.

3. *Tyloperla sauteri* (Navás) 邵氏瘤石蠅

*Kamimuria sauteri* Navás, 1929: Bol. Soc.  
ent. Esp., 12: 75.

Aubert, 1956. Mitt. Schweiz. ent. Gcs.,  
29: 439.

Weidner, 1962. Mitt. hamburg. Zool.  
Mus. Inst., 60: 108.

**Type locality:** female holotype: TAIWAN,  
KAOHSIUNG, Chiahsien (=Kosempo [甲  
仙])

**Type depository:** Zoologisches Institut und  
Zoologisches Museum der Universität,  
Hamburg, Germany (ZMUH).

4. *Paragnetina planidorsa* (Klapálek) 平背純  
石蠅

*Tylopyge planidorsa* Klapálek, 1913: Suppl.  
Ent., 2: 114.

Klapálek, 1923. Colls. Zool. Selys  
Longchamps 4(2)2: 65.

*Paragnetina planidorsa* Zwick, 1988:  
Aquatic Insects, 4: 201.

**Type locality:** male holotype: TAIWAN,  
KAOHSIUNG, Chiahsien (=Kosempo  
[甲仙])

**Type depository:** DEI.

5. *Kamimuria formosana* (Klapálek) 蓬萊節石  
蠅

*Paragnetina formosana* Klapálek, 1921:  
Ann. Soc. Ent. Belg., 61: 63.

Klapálek, 1923. Colls. Zool. Selys  
Longchamps 4(2)2: 78.

*Kamimuria formosana* Sivec, Stark &  
Uchida, 1988: Scopolia, 16: 32.

**Type locality:** female holotype: TAIWAN,  
TAINAN, Anping [安平]

- Type depository:** DEL.
6. *Kamimuria lepida* Klapálek, 1913: Suppl. Ent., 2: 112. 可愛節石蠅  
Klapálek, 1923. Colls. Zool. Selys Longchamps 4(2)2: 34.  
**Type locality:** male holotype: TAIWAN: CHIAI, Shuisheliao (=Suisharyo【水社寮】)
- Type depository:** DEL.
7. *Neoperla cavaleriesi* (Navás) 賈氏新石蠅  
*Ochthopetina cavaleriesi* Navás, 1922: Broteria, Ser. Zool., 20:49.  
*Neoperla kachin* Stark & Szczytko, 1979: Aquatic Insects, 1: 221.  
*Neoperla cavaleriesi* Sivec & Zwick, 1987: Beitr. Ent., 37: 395.  
**Type locality:** male lectotype: Kouy-Tcheou, reg. de Pin-Fa (maybe in China)  
**Type depository:** Muséum National d'Histoire Naturelle, Paris, France (MNHP).
8. *Neoperla costalis* (Klapálek) 緣脈新石蠅  
*Formosina costalis* Klapálek, 1913: Suppl. Ent., 2: 117.  
*Neoperla costalis* Sivec & Zwick, 1987: Beitr. Ent., 37: 401.  
**Type locality:** male lectotype: TAIWAN, KAOHSIUNG, Chiah sien (=Kosempo【甲仙】)
- Type depository:** DEL.
9. *Neoperla formosana* Okamoto, 1912: Trans. Sapporo Nat. Hist. Soc. 4:134. 蓬萊新石蠅  
Uchida, 1985. Aquatic Insects, 9: 159.  
Sivec & Zwick, 1987. Beitr. Ent., 37: 393.  
**Type locality:** male lectotype: TAIWAN, CHIAI, Wufeng (=Tapan【吳鳳】)
- Type depository:** HU.
10. *Neoperla klapaleki* Banks, 1937: Philippine J. Sci., 62: 273. 克氏新石蠅  
Sivec, 1984. Biol. vestn., 32: 105.  
Sivec & Zwick, 1987. Beitr. Ent., 37: 400.  
**Type locality:** female holotype: TAIWAN, NANTOU, Nanshantsu (=Pianan【南山村】)
- Type depository:** MCZ.
11. *Neoperla sauteri* Klapálek, 1912: Ent. Mitt., 1, 344. 邵氏新石蠅  
Sivec & Zwick, 1987. Beitr. Ent., 37: 392.  
**Type locality:** male lectotype: TAIWAN, CHIAI, Talin (=Taihorinsho【大林】)
- Type depository:** DEI.
12. *Neoperla signatalis* Banks, 1937: Philippine J. Sci., 62: 273. 暗斑新石蠅  
Sivec & Zwick, 1987. Beitr. Ent., 37: 399.  
**Type locality:** male lectotype: TAIWAN, TAIPEI, Wulai (=Urai【烏來】)
- Type depository:** MCZ.
13. *Neoperla taihorinensis* (Klapálek) 大甫林新石蠅  
*Formosina taihorinensis* Klapálek, 1913: Suppl. Ent., 2: 119.  
Klapálek, 1923. Colls. Zool. Selys Longchamps 4(2)2: 175.  
*Neoperla taihorinensis* Sivec & Zwick, 1987. Beitr. Ent., 37: 402.  
**Type locality:** male lectotype: TAIWAN, CHIAI, Talin (=Taihorin【大林】)
- Type depository:** National Museum, Prague, Czech Republic (NMP).
14. *Neoperla taiwanica* Sivec & Zwick, 1987: Beitr. Ent., 37: 404. 臺灣新石蠅  
**Type locality:** male holotype: TAIWAN, CHIAI, Talin (=Taihorinsho【大林】)
- Type depository:** NMP.
15. *Neoperla uniformis* Banks, 1937: Philippine J. Sci., 62: 272. 單色新石蠅

- Sivec & Zwick, 1987. Beitr. Ent., 37: 396.  
**Type locality:** female lectotype: TAIWAN, TAICHUNG, Pahsienshan (=Hassenzan [八仙山])  
**Type depository:** MCZ.
16. *Gibosia lucida* (Klapálek) 淡色石蠅  
*Kiotina lucida* Klapálek, 1913: Suppl. Ent., 2: 119.  
**Type locality:** male holotype: TAIWAN, KAOHSIUNG, near Chiahsien (= Sokutsu [甲仙附近])  
**Type depository:** DEL.
17. *Kiotina collaris* (Banks) 黃緣石蠅  
*Schistoperla collaris* Banks, 1937: Philippine J.Sci., 62: 271.  
 KAWAI, 1968. Pacific Insects, 10: 245.  
*Kiotina collaris* Uchida, 1990. Thesis, 135.  
**Type locality:** 2 syntypes: TAIWAN, ILAN, Taipingshan (= Taiheizan [太平山])  
**Type depository:** MCZ.
18. *Mesoperla crucigera* Klapálek, 1913: Suppl. Ent., 2: 121. 叉形中石蠅  
**Type locality:** 3 syntypes: TAIWAN: CHIAI, Shuisheliao (=Suisharyo [水社寮])  
**Type depository:** DEL.

Family NEMOURIDAE 短尾石蠅

1. *Amphinemura flavicollis* Klapálek, 1912: Ent. Mitt., 1: 347. 黃頸頸鰓石蠅  
*Nemoura nigritula* Navás, Mem. Pont. Acad. Sci. Nuovi Lincei, (2) 16: 918. (synonym fide Zwick 1982)  
*Amphinemura flavicollis* Zwick, 1982. Aquatic Insects, 4: 45.

- Type locality:** male lectotype: TAIWAN, CHIAI, Talin (=Taihorinsho [大林])  
**Type depository:** DEL.
2. *Illiesonemoura bispinosa* (Kawai) 雙刺依利列斯石蠅  
*Nemoura bispinosa* Kawai, 1968: Pacific Insects, 10: 243.  
*Illiesonemoura bispinosa* Baumann, 1975: Smithson. Contribs Zool., 211: 19.  
**Type locality:** male holotype: TAIWAN, TAIPEI, Wulai [烏來]  
**Type depository:** Bernice P. Bishop Museum, Honolulu, USA (PBMH).
3. *Nemoura brevilobata* (Klapálek) 小葉短尾石蠅  
*Protonemura brevilobata* Klapálek, 1912: Ent. Mitt., 1: 346.  
*Nemoura brevilobata* Zwick, 1982: Aquatic Insects, 4: 43.  
**Type locality:** male lectotype: TAIWAN, CHIAI, Talin (=Taihorinsho [大林])  
**Type depository:** NMP.
4. *Nemoura elephas* Zwick, 1982: Nouv. Rev. Ent., 4: 77. 象形短尾石蠅  
**Type locality:** male holotype: TAIWAN, NANTOU, Kuan-Tao-Chi [關刀溪]  
**Type depository:** Limnologische Flusstation des Max-Planck-Instituts für Limnologie, Schlitz, Germany (LFS).
5. *Nemoura plutonis* Banks, 1937: Philippine J. Sci., 62: 274. 蛇眼石蠅  
**Type locality:** female syntypes: TAIWAN, TAIPEI, Yangmingshan (=Sozan [陽明山]); TAICHUNG, Pahsienshan (=Hassenzan [八仙山])  
**Type depository:** MCZ.

Family LEUCTRIDAE 卷石蠅科

1. *Rhopalopsole dentata* Klapálek, 1912: Ent. Mitt., 1: 349. 銳刺諾石蠅  
Kawai, 1964. Fauna Japon. (Plecopt.): 46.,  
**Type locality:** male holotype: TAIWAN, CHIAI, Talin (=Taihorin [大林])  
**Type depository:** DEI.
2. *Rhopalopsole subnigra* Okamoto, 1922: Bull. Agr. Exp. Stat. Chosen 1: 42. 褐諾石蠅  
Kawai, 1964. Fauna Japon. (Plecopt.): 45.  
Kawai, 1968. Pacific Insects, 10: 244.  
**Type locality:** 3 male, 1 female syntypes: Japan, Minomo near Kobe  
**Type depository:** HU.

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## Name Lists of Insects in Taiwan-Plecoptera

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### Abstract

29 species of Plecoptera from Taiwan are listed, including information on the type depository, sex of the holotype, and type locality.

**Key words:** Name list, Plecoptera, stoneflies, Taiwan.