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【Review article】

臺灣昆蟲名錄1.天牛科：細天牛、偽鋤形天牛、鋸天牛、長角花天牛、球頸扁天牛、黑天牛、花天牛亞科【綜合論述】

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Abstract

摘要

自1940年水戶野氏發表有關臺灣天牛目錄，已為時50年，其間在臺灣又發現不少新種及新記錄種，另於多數種類也經過分類學上之修正。為瞭解臺灣產天牛之新概況，有重整理有關該科之新資料之必要。本篇記載細天牛亞科5種、偽鋤形天牛亞科2種、鋸天牛亞科21種、長角花天牛亞科2種、球頸扁天牛亞科6種、黑天牛亞科1種、花天牛亞科96種共133種。天牛亞科及粗天牛亞科將於另篇介紹。

Key words:

關鍵詞:

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A LIST OF CERAMBYCID-BEETLES FROM TAIWAN, (I)¹

Subfamilies Disteniinae, Parandrinae, Prioninae Philinae, Aseminae, Spondylinae & Lepturinae

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(Accepted February 20, 1988)

A complete catalogue of Formosan cerambycid beetles was compiled by Mitono in 1940. In this catalogue, he listed up about 130 species from Taiwan. During approximate 50 years, many new species have been recorded from this island. Besides, taxonomical revisions have also been made on many known species. Therefore, with a view to providing new systematic information on this group of insects, a name list is recompiled. Seven subfamilies are reported in this paper. A list of the other 2 subfamilies, Cerambycinae and Lamiinae, will be published in the following series.

Subfamily Disteniinae 細天牛亞科

Tribe Cyrtonopini 圓頸天牛族

Genus *Cyrtonops* WHITE, 1853 圓頸天牛屬

Cyrtonops WHITE, 1853, Cat. Col. Brit. Mus., 7: 32 (type-species: *C. punctipennis* WHITE, 1853).

Cyrtonops asahinai MITONO, 1947 朝氏圓頸天牛

MITONO, 1947, Mushi, 17: 77 (in Japanese) (Shijukei).

Distr.: Taiwan.

C. nigra GAHAN, 1906 黑圓頸天牛

GAHAN, 1906, Fauna Brit. Ind. Col., 1: 60, f. 22 (N. India).

Distr.: Taiwan(?); N. India.

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C. punctipennis WHITE, 1853 斑翅圓額天牛

WHITE, 1853, Cat. Col. Brit. Mus., 7: 33, pl. 2, f. 3 (India).

Distr.: Taiwan(?); India; Himalayas; Assam; Burma; Sumatra

Tribe Disteniini 細天牛族

Genus *Distenia* SERVILLE, 1825 細天牛屬*Distenia* SERVILLE, 1825, Enc. Meth., 5: 485 (type-species: *D. columbina* SERVILLE, 1825).*Distenia formosana* MITONO, 1936 蓬萊細天牛

MITONO, 1936, Trans. Nat. Hist. Soc. Formosa, 26: 420, f. 1 (Sekizan; Karenko; Taiheizan).

Distr.: Taiwan.

Genus *Noemia* PASCOE, 1857 長角細天牛屬*Noemia* PASCOE, 1857, Trans. Ent. Soc. London, 4(2): 111 (type-species: *N. flavicornis* PASCOE, 1857).*Noemia incompta* GRESSITT, 1935 臺灣長角細天牛

GRESSITT, 1935, Philip. J. Sci., 57: 181 (Hassenzan; Hori).

Distr.: Taiwan.

Subfamily Parandrinae 偽鍬形天牛亞科

Tribe Parandrini 偽鍬形天牛族

Genus *Parandra* LATREILLE, 1804 偽鍬形天牛屬*Parandra* LATREILLE, 1804, Hist. Nat. Crust. Inst., 11: 252 (type-species: *P. laevis* LATREILLE, 1804).*Parandra formosana* MIWA et MITONO, 1939 蓬萊偽鍬形天牛

MIWA et MITONO, 1939, Trans. Nat. Hist. Soc. Formosa, 29: 92 (Bandai).

Distr.: Taiwan.

P. lanyuana HAYASHI, 1981 蘭嶼偽鍬形天牛

HAYASHI, 1981, Ent. Rev. Japan, 36(1): 27 (Lanyu Id.).

janus: KANO (nec BATES), 1938, Annot. Zool. Japan, 17: 115, pl. 8, f. 1 (Lanyu Id.).*shibatai* HAYASHI, 1963, Ent. Rev. Japan, 15(2): 50 (Lanyu Id.), partim.

Dist.: Taiwan (Lanyu Id.).

Subfamily Prioninae 鋸天牛亞科

Tribe Macrotomini 巨額天牛族

Genus *Rhipodus* SERVILLE, 1832 刺薄翅天牛屬*Rhipodus* SERVILLE, 1832, Ann. Soc. Ent. France, 1: 168 (type-species: *R. suturalis* SERVILLE, 1832).

Raphipodus manillae (NEWMAN, 1842) 馬尼拉薄翅天牛

NEWMAN, 1842, Entomol., 1: 247 (*Mallodon*) (Philippines).

Distr.: Taiwan (Lanyu Id.); Philippines.

Genus *Macrotoma* SERVILLE, 1832 巨額天牛屬

Macrotoma SERVILLE, 1832, Ann. Soc. Ent. France, 1: 137 (type-species: *Prionus serripes* FABRICIUS, 1781).

Subgenus *Zooblax* THOMSON, 1877

Zooblax THOMSON, 1877, Rev. Mag. Zool., p. 274 (type-species: *Zooblax elateroides* THOMSON, 1877).

Macrotoma (*Zooblax*) *katoi* GRESSITT, 1938 加藤巨額天牛

GRESSITT, 1938, Philip. J. Sci., 65: 149, text-f. 1. (Arisan).

Distr.: Taiwan.

Subgenus *Bandar* LAMEERE, 1912

Bandar LAMEERE, 1912, Mem. Soc. Ent. Belg., 21: 144 (type-species: *Macrotoma fisheri* WATERHOUSE, 1884).

M. (Bandar) fisheri WATERHOUSE, 1884

WATERHOUSE, 1884, Ann. Mag. Nat. Hist., (5)14: 382 (Burma).

Distr.: Taiwan; Japan (Ryukyu Ids.), S. China, Burma, Laos, Vietnam, Malaya.

subsp. *formosae* GRESSITT, 1938 費氏巨額天牛

GRESSITT, 1938, Philip. J. Sci., 65: 147 (Hori; Rokki).

Distr.: Taiwan.

Tribe Euripodini 扁足天牛族

Genus *Eurypoda* SAUNDERS, 1853 扁足天牛屬

Eurypoda SAUNDERS, 1853, Trans. Ent. Soc. London, 2(2): 109 (type-species: *E. antennata* SAUNDERS, 1853).

Eurypoda antennata SAUNDERS, 1853 長角扁足天牛

SAUNDERS, 1853, Trans. Ent. Soc. London, 2(2): 110, pl. 4, f. 5 (N. China).

Distr.: Taiwan; China.

Tribe Megopidini 薄翅天牛族

Genus *Megopis* SERVILLE, 1832 薄翅天牛屬

Megopis SERVILLE, 1832, Ann. Soc. Ent. France, 1: 161 (type-species: *M. mutica* SERVILLE, 1832).

Subgenus *Megopis* SERVILLE, 1832, s. str.

M. (Megopis) sulcipennis (WHITE, 1853) 溝翅薄翅天牛

WHITE, 1853, Cat. Col. Brit. Mus 7: 31 (*Aegosoma*) (Tenasserim).

Distr.: Taiwan; Tenasserim; Burma; Andaman Ids.

Subgenus *Aegolipton* GRESSITT, 1940

Aegolipton GRESSITT, 1940, Philip. J. Sci., 72: 22 (type-species: *Cerambyx marginalis* FABRICIUS, 1775).

Megopis (Aegolipton) mandibularis (FAIRMAIRE, 1899) 巨顎薄翅天牛
FAIRMAIRE, 1899, Ann. Soc. Ent. France, 68: 637 (*Aegosoma*) (Fukien).
Distr.: Taiwan; China.

M. (A.) marginalis (FABRICIUS, 1755) 埔里薄翅天牛
FABRICIUS, 1755, Syst. Ent., 2: 169 (*Cerambyx*).
Distr.: Taiwan(?); Peninsula of SE. Asia; S. China; Hainan Id.; Malay Archipelago
as far as Celebes et Amboina.

M. (A.) sauteri LAMEERE, 1913 邵氏薄翅天牛
LAMEERE, 1913, Arch. Naturg., 79 (A7): 175 (Kosempo).
Distr.: Taiwan.

Subgenus *Spinimegopis* OHBAYASHI, 1963

Spinimegopis OHBAYASHI, 1963, Fragm. Col., 2: 7 (type-species: *Megopis (Aegosoma)*
nipponica MATSUSHITA, 1934).

M. (Spinimegopis) formosana MATSUSHITA, 1933
MATSUSHITA, 1933, J. Fac. Agr. Hokkaido Univ., 34: 163, taf. 1, f. 1 (*M. (Aegosoma)*
buckleyi formosana) (Shichokei).
Distr.: Taiwan; Japan.

subsp. *formosana* MATSUSHITA, 1933, s. str. 蓬萊薄翅天牛
MATSUSHITA, 1933, J. Fac. Agr. Hokkaido Univ., 34: 163, taf. 1, f. 1 (*M. (Aegosoma)*
buckleyi formosana) (Shichokei).
Distr.: Taiwan.

subsp. *lanhsuensis* HAYASHI, 1974 蘭嶼薄翅天牛
HAYASHI, 1974, Bull. Osaka Jonan Women's Jr. Coll., 9: 2 (Lanyu Id.).
Distr.: Taiwan (Lanyu Id.).

M. (Aegosoma) sinica (WHITE, 1853) 中華薄翅天牛
WHITE, 1853, Cat. Col. Brit. Mus., 7: 30 (*Aegosoma*) (China).
Dist.: Taiwan; Burma; China; Korea; Japan; Hainan; Sumatra; Borneo; India;
Assam.

Tribe Prionini 鋸天牛族

Genus *Prietyrranus* THOMSON, 1857 橘鋸天牛屬

Prietyrranus THOMSON, 1857, Archiv. Ent., 1: 120 (type-species: *Prionus mordax* WHITE, 1857).

Prietyrranus closteroides (THOMSON, 1877)
THOMSON, 1877, Rev. Mag. Zool., p. 264.
Distr.: Taiwan; S. China; Hainan Id.; Tonkin.
subsp. *closteroides* (THOMSON, 1877) s. str. 橘鋸天牛
THOMSON, 1877, Rev. Mag. Zool., p. 264.
Distr.: Taiwan.

subsp. *lutauensis* N. OHBAYASHI et MAKIHARA, 1985 綠島橋鋸天牛

N. OHBAYASHI et MAKIHARA, 1985, Mis. Rep. Hiwa Mus. Nat. Hist., 23: 13 (Lutau Id.).

Distr.: Taiwan (Lutau Id.).

Genus *Dorysthenes* VIGORS, 1826 姬鋸天牛屬

Dorysthenes VIGORS, 1826, Zool. J., 2: 514 (type-species: *Prionus rostratus* FABRICIUS, 1792).

Subgenus *Prionomimus* LAMEERE, 1912

Prionomimus LAMEERE, 1912, Mem. Soc. Ent. Belg., 21: 176 (type-species: *P. pici* LAMEERE, 1912).

Dorysthenes (*Prionomimus*) *pici* (LAMEERE, 1912) 畢氏姬鋸天牛

LAMEERE, 1912, Mem. Soc. Ent. Belg., 21: 176 (*Prionomimus*), (Taiwan).

Distr.: Taiwan.

D. (P.) igai (MATSUSHITA, 1941) 伊賀姬鋸天牛

MATSUSHITA, 1941, Ins. Mats., 15: 151, f. 1 (*Prionus*) (Musha).

Distr.: Taiwan.

D. (P.) elegans N. OHBAYASHI, 1981 獅山姬鋸天牛

N. OHBAYASHI, 1981, Ent. Rev. Japan, 35(1/2): 45 (Mt. Shitou-shan; Jiuyuetan).

Distr.: Taiwan.

Subgenus *Cyrtognathus* FALDERMANN, 1833

Cyrtognathus FALDERMANN, 1833, Mem. Acad. Petr., 2: 421 (type-species: *Prionus paradoxus* FALDERMANN, 1833).

D. (Cyrtognathus) hydropictus (PASCOE, 1857) 甘蔗姬鋸天牛

PASCOE, 1857, Tran. Ent. Soc. London, 4(2): 91 (*Cyrtognathus*), (China).

Distr.: Taiwan; China.

Genus *Prionus* FABRICIUS, 1775 鋸天牛屬

Prionus FABRICIUS, 1775, Syst. Ent. p. 159 (type-species: *Cerambyx coriarius* LINNE, 1758).

Prionus scabripunctatus HAYASHI, 1971 粗點鋸天牛

HAYASHI, 1971, Ent. Rev. Japan, 23(1): 1 (Taiwan.)

Distr.: Taiwan.

P. nakamurai N. OHBAYASHI et MAKIHARA, 1985 中村鋸天牛

N. OHBAYASHI et MAKIHARA, 1985, Mis. Rep. Hiwa Mus. Nat. Hist., 23: 11 (Lishan).

Dist.: Taiwan.

Tribe Anacolini 小翅天牛族

Genus *Sarmyds* PASCOE, 1867 扁角鋸天牛屬

Sarmyds PASCOE, 1867, Ann. Mag. Nat. Hist., (3)19: 410 (type-species: *S. antennatus* PASCOE, 1867).

Sarmyds antennatus PASCOE, 1867 扁角鋸天牛

PASCOE, 1867, Ann. Mag. Nat. Hist., (3)19: 410 (Borneo).

Distr.: Taiwan; Assam; Manipur; Burma; Andaman and Nicobar Ids.; Java; Borneo; New Guinea.

Genus *Psephactus* HAROLD, 1879 小翅鋸天牛屬

Psephactus HAROLD, 1879, Deut. Ent. Zeit., 23:367 (type-species: *P. remiger* HAROLD, 1879).

Psephactus remiger HAROLD, 1879

Distr.: Taiwan; Japan.

HAROLD, 1879, Deut. Ent. Zeit., 23: 368 (Japan).

subsp. *taiwanus* KANO, 1933 臺灣小翅鋸天牛

KANO, 1933, Kontyu, 6: 260 (Kyuhabon).

Distr.: Taiwan.

Subfamily Philinae 窄胸天牛亞科

Tribe Philini 窄胸天牛族

Genus *Philus* SAUNDERS, 1853 窄胸天牛屬

Philus SAUNDERS, 1853, Trans. Ent. Soc. London, 2(2): 110 (type-species: *P. inconspicuus* SAUNDERS=*antennatus* GYLL.).

Philus antennatus (GYLLENHAL, 1817) 長脚窄胸天牛

GYLLENHAL, 1817, in SCHONHERR, Syn. Ins., 3 App., p. 180 (*Stenochorus*) (E. India).

Distr.: Taiwan; China; Hainan Id; E. India.

P. pallescens BATES, 1866 甲仙窄胸天牛

BATES, 1866, Proc. Zool. Soc. London, p. 350 (Taiwan).

Distr.: Taiwan; China; Hainan Id.

subsp. *pallescens* BATES, 1866, s. str.

BATES, Proc. Zool. Soc. London, p. 350.

Distr.: Taiwan; S. China.

Subfamily Aseminae 幽天牛亞科

Tribe Asemini 幽天牛族

Genus *Arhopalus* SERVILLE, 1934 鏽胸天牛屬

Arhopalus SERVILLE, 1934, Ann. Soc. Ent. France, 3: 77 (type-species: *Cerambyx rusticus* LINNE, 1758).

Arhopalus exoticus (SHARP, 1905) 緬甸鏽胸天牛

SHARP, 1905, Trans. Ent. Soc. London, p. 159. (*Criocephalus*) (Burma).

Distr.: Taiwan; Burma.

Genus *Cephalallus* SHARP, 1905 凹胸天牛屬

Cephalallus SHARP, 1905, Trans. Ent. Soc. London, p. 148 (type-species: *Cephalallus oberthuri* SHARP, 1905).

C. oberthuri SHARP, 1905 奧氏凹胸天牛

SHARP, 1905, Trans. Ent. Soc. London, p. 148 (N. Yunnan).

Distr.: Taiwan; S. W. China.

Genus *Megasemum* KRAATZ, 1879 大幽天牛屬*Megasemum* KRAATZ, 1879, Dtsch. Ent. Z., 23: 97 (type-species: *M. quadricostulatum* KRAATZ, 1879).*M. quadricostulatus* KRAATZ, 1879 四紋大幽天牛

KRAATZ, 1879, Deut. ent. Zeit., 23: 98 (S. E. Siberia).

Distr.: Taiwan (introduced?); Siberia; China; Korea; Sahgalien; Kurile Id; Japan.

Genus *Asemum* ESCHSCHOLTZ, 1930 幽天牛屬*Asemum* ESCHSCHOLTZ, 1930, Bull. Mosc., 2: 66 (type-species: *Cerambyx striatus* LINNE, 1758).*Asemum arisanum* KANO, 1930 阿里山幽天牛

KANO, 1930, Ins. Mats., 5: 42 (Arisan).

Distr.: Taiwan.

Tribe *Atimini* 微幽天牛族Genus *Atimia* HALDEMAN, 1847 微幽天牛屬*Atimia* HALDEMAN, 1847, Trans. Amer. Philos. Soc., 2(10): 56 (type-species: *A. tristis* HALDEMAN, 1847).*Atimia esakii* HAYASHI, 1974 江崎微幽天牛

HAYASHI, 1974, Bull. Osaka Jonan Women's Jr. Coll., 9: 15 (Tachiachi or Taikokei).

Distr.: Taiwan.

Tribe *Saphanini* 藍艷球頸天牛族Genus *Japonopsimus* MATSUSHITA, 1935 日球頸天牛屬*Japonopsimus* MATSUSHITA, 1935, Trans. Nat. Hist. Soc. Formosa, 25: 310 (n. n. for *Paraopsimus* MATSUSHITA, 1933).*Paraopsimus* MATSUSHITA (nec CHAMPLAIN et KNULL), 1933, J. Fac. Agr. Hokkaido Univ., 34: 238 (type-species: *P. orientalis* MATSUSHITA, 1933).*Japonopsimus orientalis* (MATSUSHITA, 1933) 東方日球頸天牛MATSUSHITA, 1933, J. Fac. Agr. Hokkaido Univ., 34: 238, pl. 3, f. 3 (*Paraopsimus*) (Shichokei).

Distr.: Taiwan.

Subfamily *Spondyliinae* 黑天牛亞科Tribe *Spondylini* 黑天牛族Genus *Spondylis* FABRICIUS, 1775 黑天牛屬*Spondylis* FABRICIUS, 1775, Syst. Ent., p. 159 (type-species: *Attelabus buprestoides* LINNE, 1758).

Spondylis buprestoides (LINNE, 1758) 圓胸黑天牛

LINNE, 1758, Syst. Nat., 10: 388 (*Attelabus*) (Europe).

Distr.: Taiwan(?); Europe; Asia Minor; Transcaucasia; Siberia; China; Korea; Saghalien; Japan.

Subfamily Lepturinae 花天牛亞科

Tribe Xylosteini 昔花天牛族

Genus *Peithona* GAHAN, 1906 鋸花天牛屬

Peithona GAHAN, 1906, Fauna Brit. Ind. Col., 1: 71 (type-species: *P. prionoides* GAHAN, 1906).

Peithona prionoides GAHAN, 1906 擬鋸花天牛

GAHAN, 1906, Fauna Brit. Ind. Col. 1: 72, f. 27 (NE. India).

Distr.: Taiwan; NE India; SE China; Malaysia.

Genus *Formosotoxotus* HAYASHI, 1960 蓬萊花天牛屬

Formosotoxotus HAYASHI, 1960, Niponius 1(6): 1 (type-species: *Artelida asiatica* MATSUSHITA, 1933=*F. auripilosus* (KANO, 1933)).

Formosotoxotus auripilosa (KANO, 1933) 金毛蓬萊花天牛

KANO, 1933, Kontyu, 6: 261 (*Toxotinus*) (Tattaka nr. Musha).

asiatica MATSUSHITA, 1933 J. Fac. Agr. Hokkaido Univ., 34: 172 (*Artelida*) (Hozan).

Distr.: Taiwan.

Tribe Encyclopini 圓花天牛族

Genus *Encyclops* NEWMAN, 1838 圓花天牛屬

Encyclops NEWMAN, 1838, Ent. Mag., 5: 392 (type-species: *E. pallipes* NEWMAN, 1838=*Leptura caerulea* SAY, 1826).

Encyclops viridipennis MAKIHARA, 1978 綠翅圓花天牛

MAKIHARA, 1978, Esakia 12: 49, f. 1 (Hohuanchi-Sungchuangkang).

Distr.: Taiwan.

Tribe Rhagiini 灰花天牛族

Genus *Rhagium* FABRICIUS, 1775 灰花天牛屬

Rhagium FABRICIUS, 1775, Syst. Ent., p. 182 (type-species: *Cerambyx inquisitor* LINNE, 1758).

Rhagium morrisonense KANO, 1933 玉山灰花天牛

KANO, 1933, Kontyu, 6: 262 (*inquisitor* subsp.) (Mt. Morrison).

Distr.: Taiwan.

Genus *Neorhamnusium* HAYASHI, 1976 刺胸花天牛屬

Neorhamnusium HAYASHI, 1976, Bull. Osaka Jonan Women's Jr. Coll., 11: 1 (type-species: *N. taiwanum* HAYASHI et ANDO, 1976).

Neorhamnusium taiwanum HAYASHI et ANDO, 1976 臺灣刺胸花天牛

HAYASHI et ANDO, 1976, Bull. Osaka Jonan Women's Jr. Coll., 11: 2 (Taiwan).

Distr.: Taiwan.

Tribe Stenocorini 彩花天牛族

Genus *Taiwanocarilia* HAYASHI, 1983 臺灣花天牛屬*Taiwanocarilia* HAYASHI, 1983, Bull. Osaka Jonan Women's Jr. Coll., 16: 30 (type-species: *Gaurotes atra* TAMANUKI, 1942).*Taiwanocarilia atra* (TAMANUKI, 1942) 紅胸臺灣花天牛TAMANUKI, 1942, Fauna Nip., 10-8-15: 214, f. 226 (in Japanese) (*Gaurotes*) (Summit of Mt. Morrison).

Distr.: Taiwan.

Genus *Rhondia* GAHAN, 1906 角肩花天牛屬*Rhondia* GAHAN, 1906, Fauna Brit. Ind. Col., 1: 79 (type species: *Leptura (Capnolymma?) pugnax* DOHRN, 1878).*Rhondia formosa* MATSUSHITA, 1931 蓬萊角肩花天牛

MATSUSHITA, 1931, Mitt. Zool. Mus. Berl. 17: 400 (Taihorin).

Distr.: Taiwan.

Genus *Lemula* BATES, 1884 圓眠花天牛屬*Lemula* BATES, 1884, J. Linn. Soc. London, 18: 211 (type-species: *L. decipiens* BATES, 1884).*Lemula setigera* TAMANUKI et MITONO, 1939 長毛圓眠花天牛

TAMANUKI et MITONO, 1939, Trans. Nat. Hist. Soc. Formosa, 29: 207, f. 1 (Arisan; Jujiro).

Distr.: Taiwan.

L. cyanipennis HAYASHI, 1974 藍翅圓眠花天牛

HAYASHI, 1974, Bull. Osaka Jonan Women's Jr. Coll., 9: 3 (Lishan).

Distr.: Taiwan.

L. densepunctata HAYASHI, 1974 梨山圓眠花天牛

HAYASHI, 1974, Bull. Osaka Jonan Women's Jr. Coll., 9: 4 (Lishan).

Distr.: Taiwan.

L. brunneipennis SHIMOMURA, 1979 褐翅圓眠花天牛

SHIMOMURA, 1979, Bull. Nat. Sci. Mus., Ser. A (Zool.), 5(4): 274, f. 1-2 (Pilu-shenmu).

Distr.: Taiwan.

L. crucifera SHIMOMURA, 1979 巴稜圓眠花天牛

SHIMOMURA, 1979, Bull. Nat. Sci. Mus., Ser. A (Zool.), 5(4): 274, f. 3 (Palin).

Distr.: Taiwan.

L. obscuripennis SHIMOMURA, 1979 埔里圓眠花天牛

SHIMOMURA, 1979, Bull. Nat. Sci. Mus., Ser. A (Zool.), 5(4): 276, f. 4-5 (Nanshanchi).

Distr.: Taiwan.

L. longipennis SHIMOMURA, 1979 長翅圓眠花天牛

SHIMOMURA, 1979, Bull. Nat. Sci. Mus., Ser. A (Zool.), 5(4): 278 (Mt. Lashan).

Distr.: Taiwan.

Genus *Pidonia* MULSANT, 1863 姬花天牛屬*Pidonia* MULSANT, 1863, Col. France Long., ed. 2: 570 (type-species: *Leptura lurida* FABRICIUS, 1792).*Pseudopidonia* PIC, 1900, L'Echange, 16: 81 (type-species: *P. amurensis* PIC, 1900).Subgenus *Mumon* HAYASHI, 1968*Mumon* HAYASHI, 1968, Bull. Osaka Jonan Women's Jr. Coll., 3: 15 (type-species: *Grammoptera debilis* KRAATZ, 1879) (*Pidonia* subg.).*Pidonia* (*Mumon*) *formosana* TAMANUKI et MITONO, 1939 蓬萊姬花天牛TAMANUKI et MITONO, 1939, Trans. Nat. Hist. Soc. Formosa, 29: 208 (*P. (Pseudopidonia) debilia formosana*) (Arisan).

Distr.: Taiwan.

P. (M.) binigrosignata HAYASHI, 1974 黑斑姬花天牛

HAYASHI, 1974, Bull. Osaka Jonan Women's Jr. Coll., 9: 5 (Fenchihu).

Distr.: Taiwan.

P. (M.) amabilis KUBOKI, 1980 妮嬌姬花天牛

KUBOKI, 1980, Ent. Rev. Japan, 34: 58, pl. 3, f. 7-8, text f. 13-16 (Chihtuan).

Distr.: Taiwan.

P. (M.) confusa S. SAITO, 1980 混紋姬花天牛

SAITO, 1980, Kontyu, 38: 294, f. 7-11, 14-15 (Pilu-shenmu).

Distr.: Taiwan.

Subgenus *Cryptopidonia* KUBOKI, 1981*Cryptopidonia* KUBOKI, 1981, Kontyu, 49: 530 (type-species: *P. lyra* M. KUBOKI et K. SUZUKI, 1978).*P. (Cryptopidonia) albomaculata* (MATSUSHITA, 1931) 白斑姬花天牛MATSUSHITA, 1931, Mitt. Zool. Mus. Berl., 17: 401 (*Pseudopidonia*) (Hozan).

Distr.: Taiwan.

P. (C.) aenipennis (GRESSITT, 1935)GRESSITT, 1935, Philip. J. Sci., 58: 253 (*Pseudopidonia*) (Reimei nr. Mt. Hassenzan).

Distr.: Taiwan; China (Fukien).

subsp. *aenipennis* (GRESSITT, 1935) s. str. 銅翅姬花天牛GRESSITT, 1935, Philip. J. Sci., 58: 253 (*Pseudopidonia*) (Reimei nr. Mt. Hassenzan).

Distr.: Taiwan.

P. (C.) subaenea (GRESSITT, 1935) 小銅翅姬花天牛GRESSITT, 1935, Philip. J. Sci., 58: 254 (*Pseudopidonia*) (Mt. Hassenzan).

Distr.: Taiwan.

- P. (C.) pilushana* S. SAITO, 1979 畢祿姬花天牛
SAITO, 1979, Bull. Nat. Sci. Mus., Ser. A (Zool.), 5: 211, f. 1-6, 13A-I (Pilu-shenmu).
Distr.: Taiwan.
- P. (C.) takahashii* KUBOKI, 1983 高橋姬花天牛
KUBOKI, 1983, Ent. Rev. Japan, 38: 25, pl. 1, f. 1-2, text f. 1-5 (Lake Yenyanfu).
Distr.: Taiwan.

Subgenus *Pidonia* MULSANT, 1863 s. str.

- P. (Pidonia) paradisiacola* KUBOKI, 1977 小點姬花天牛
KUBOKI, 1977, Ent. Rev. Japan, 30: 32, f. 1, 3-4, 7 (Tsfeng).
Distr.: Taiwan.
- P. (P.) major* S. SAITO, 1979 巨大姬花天牛
SAITO, 1979, Bull. Nat. Sci. Mus., Ser. A (Zool.), 5: 214, f. 7-12, 13 J-M (Pilu-shenmu).
Distr.: Taiwan.
- P. (P.) bivittata* S. SAITO, 1980 雙點姬花天牛
SAITO, 1980, Kontyu, 48: 291, f. 1-6 (Pilu-shenmu).
Distr.: Taiwan.
- P. (P.) meridionalis* KUBOKI, 1978 窄胸姬花天牛
KUBOKI, 1978, Ent. Rev. Japan, 32: 85, pl. 2, f. 1-2, text f. 5-8 (Tsfeng).
Distr.: Taiwan.
- P. (P.) longipalpis* KUBOKI, 1985 長鬚姬花天牛
KUBOKI, 1985, Ent. Rev. Japan, 40: 115, pl. 6, f. 1-2, text f. 1-4 (Pilu-shenmu).
Distr.: Taiwan.
- P. (P.) occipitalis* (GRESSITT, 1935) 背條姬花天牛
GRESSITT, 1935, Philip. J. Sci., 58: 255 (*Pseudopidonia*) Taiheizan; Musha; Kyuhabon et Sankakuho)
Distr.: Taiwan.
- P. (P.) submetallica* HAYASHI, 1974 松岡姬花天牛
HAYASHI, 1974, Bull. Osaka Jonan Women's Jr. Coll., 9: 6 (Sungkang).
Distr.: Taiwan.
- P. (P.) formosissima* KUBOKI, 1980 極美姬花天牛
KUBOKI, 1980, Ent. Rev. Japan, 34: 55, pl. 3, f. 4-5, text f. 5-10 (Chihtuan).
Distr.: Taiwan.
- P. (P.) deodara* KUBOKI, 1986 神木姬花天牛
KUBOKI, 1986, Ent. Rev. Japan, 41: 63, f. 1-5 (Pilu-shenmu).
Distr.: Taiwan.
- P. (P.) aripennis* HAYASHI, 1978 黑翅姬花天牛
HAYASHI, 1978, Ent. Rev. Japan, 31: 85 (Mt. Paoshan; Liu Kuei)
Distr.: Taiwan.

Tribe Lepturini 花天牛族

Genus *Pachypidonia* GRESSITT, 1935 粗角花天牛屬

- Pachypidonia* GRESSITT, 1935, Kontyu, 9: 166 (type-species: *P. crassicornis* GRESSITT, 1935=*Leptura bodemeyeri* PIC, 1934).

Pachypidondia rubrida HAYASHI, 1971 紅尾粗角花天牛

HAYASHI, 1971, Ent. Rev. Japan, 23(1): 4 (Sung kang).

Distr.: Taiwan.

Genus *Grammoptera* SERVILLE, 1835 條翅花天牛屬*Grammoptera* SERVILLE, 1835, Ann. Soc. Ent. France, 4: 215 (type-species: *Leptura praeusta* FABRICIUS, 1787).*Grammoptera matsudai* HAYASHI, 1974 松田條翅花天牛

HAYASHI, 1974, Bull. Osaka Jonan Women's Jr. Coll., 9: 8 (Nanshanchi).

Distr.: Taiwan.

Genus *Pseudalosterna* PLAVILSTCHIKOV, 1934 黑腹花天牛屬*Pseudalosterna* PLAVILSTCHIKOV, 1934, Ent. Blaett., 30: 132 (type-species: *P. orientalis* PLAVILSTCHIKOV, 1934=*Leptura (Leptura) misella* BATES, 1884).*Pseudalosterna binotata* (GRESSITT, 1935)GRESSITT, 1935, Philip. J. Sci., 58: 259 (*Anoploderomorpha*) (Pianan Pass).subsp. *binotata* (GRESSITT, 1935) 雙星黑腹花天牛GRESSITT, 1935, Philip. J. Sci., 58: 259 (*Anoploderomorpha*) (Pianan Pass).

Distr.: Taiwan.

P. breva (GRESSITT, 1935) 藍艷黑腹花天牛GRESSITT, 1935, Philip. J. Sci., 58: 260 (*Anoploderomorpha*) (Arisan).*cyanea* TAMANUKI, 1942, Fauna Nip., 10-8-15: 27, f. 70 (*Pidonia*) (Arisan).

Distr.: Taiwan.

P. pullata (MATSUSHITA, 1933) 淡紅黑腹花天牛MATSUSHITA, 1933, J. Fac. Agr. Hokkaido Univ., 34: 198 (*Leptura (Anoploderomorpha)*) (Kuraru).

Distr.: Taiwan.

P. submetallica HAYASHI, 1974 埔里黑腹花天牛HAYASHI, 1974, Bull. Osaka Jonan Women's Jr. Coll., 9: 9 (*Anoplodera submetallica*) (Nanshanchi)

Distr.: Taiwan.

P. fuscopurpurea OHBAYASHI et SHIMOMURA, 1986 紫翅黑腹花天牛

OHBAYASHI et SHIMOMURA, 1986, Anns. Soc. Ent. Fr. (N.S.) 22(1): 48, fig. 2, 4, 6 (Mt. Shin-Shan)

Distr.: Taiwan.

Genus *Anoploderomorpha* PIC, 1901 滑胸花天牛屬*Anoploderomorpha* PIC, 1901 Bull. Mus. Hist. Nat. Paris, 7: 59 (type-species: *Leptura excavata* BATES, 1884) (*Leptura* subg.).*Anoploderomorpha izumii* (MITONO et TAMANUKI, 1939) 泉氏滑胸花天牛MITONO et TAMANUKI, 1939, Trans. Nat. Hist. Soc. Formosa, 29: 209 (Mt. Rara) (*Leptura (Anoploderomorpha) excavata* subsp.) (Mt. Rara).

Distr.: Taiwan.

A. formosana (MATSUSHITA, 1933) 蓬萊滑胸花天牛MATSUSHITA, 1933, J. Fac. Agr. Hokkaido Univ., 34: 198, pl. 1, f. 6 (*Leptura (Anoploderomorpha)*) (Kankau).

Distr.: Taiwan.

Genus *Kanekoa* MATSUSHITA et TAMANUKI, 1942 金子花天牛屬

Kanekoa MATSUSHITA et TAMANUKI, 1942, Zool. Mag., Tokyo, 54: 79 (type-species: *Leptura* (*Kanekoa*) *azumensis* MATSUSHITA et TAMANUKI, 1942) (*Leptura* subg.).

Kanekoa lalashana (SHIMOMURA, 1980) 拉拉山金子花天牛

SHIMOMURA, 1980, Bull. Nat. Sci. Mus., Ser. A (Zool.), 6(2): 115, f. 1-2 (*Anoploclera* (*Kanekoa*) *lalashana* (Mt. Lalashan).

Distr.: Taiwan.

Genus *Robustanoploclera* PIC, 1954 大滑胸花天牛屬

Robustanoploclera PIC, 1954, L'Echange, 70(538): 13 (type-species: *Anoploclera* (*Robustanoploclera*) *bicolorimembris* PIC, 1954).

Tamanukia HAYASHI, 1960, Niponius, 1(6): 9 (type-species: *Anoploclera?* *tricolor* GRESSITT, 1935).

Koichius HAYASHI, 1966, Bull. Osaka Jonan Women's Jr. Coll., 1: 2 (n. n. for *Tamanukia* HAYASHI, 1960).

Robustanoploclera tricolor (GRESSITT, 1935) 三色大滑胸花天牛

GRESSITT, 1935, Philip. J. Sci., 58: 258 (*Anoploclera*(?)), (Hassenzan).

Distr.: Taiwan.

Genus *Anastrangalia* CASEY, 1924 尖細花天牛屬

Anastrangalia CASEY, 1924, Mem. Col., 11: 279 (type-species: *Leptura sanguinea* LECONTE, 1859) (*Strangalia* subg.).

Marthaleptura OHBAYASHI, 1963, Frag. Col., 2: 9 (type-species: *Leptura scotodes* BATES, 1873).

Anastrangalia dissimilis niitakana (KANO, 1933) 玉山尖細花天牛

KANO, 1933, Kontyu, 6: 254 (*Leptura niitakana*) (Mt. Morrison: Tataka-pass).

Distr.: Taiwan.

A. hirayamai (MATSUSHITA et TAMANUKI, 1942) 平山尖細花天牛

MATSUSHITA et TAMANUKI, 1942, Zool. Mag. Tokyo, 54: 639, f. 2 (*Leptura*) (Japan, questionable locality) (correctly Taiwan).

Distr.: Taiwan

Genus *Leptura* LINNE, 1758 花天牛屬

Leptura LINNE, 1758, Syst. Nat., ed. 10: 397 (type-species: *L. quadrifasciata* LINNE, 1758).

Leptura auratopilosa (MATSUSHITA, 1931)

MATSUSHITA, 1931, Trans. Sapporo Nat. Hist. Soc., 12: 42 (*Strangalia*) (Taihanroku). *tattakana* subsp. *piyanan* KANO, 1933, Kontyu, 6: 267 (*Strangalia*) (Piyanan).

Distr.: Taiwan.

subsp. *auratopilosa* (MATSUSHITA, 1931) s. str. 金毛花天牛

MATSUSHITA, 1931, Trans. Sapporo Nat. Hist. Soc., 12: 42 (*Strangalia*) (Taihanroku).

Distr.: Taiwan.

- subsp. *quadranglithoracica* (TAMANUKI, 1942) 角胸花天牛
TAMANUKI, 1942, Fauna Nip., 10-8-15: 145, f. 158 (*Strangalia*) (Arisan).
Distr.: Taiwan.
- L. mushana* (TAMANUKI, 1939) 霧社花天牛
TAMANUKI, 1939, Ins. Mats., 13: 144, f. 1 (*Strangalia*) (Musha).
Distr.: Taiwan.
- L. taranan* (KANO, 1933) 烏來花天牛
KANO, 1933, Kontyu, 6: 267 (*Strangalia*) (Urai).
Distr.: Taiwan.
- L. formoso-montana* (KANO, 1933)
KANO, 1933, Kontyu, 6: 268 (*Strangalia*) (Arisan).
Distr.: Taiwan.
- subsp. *formoso-montana* (KANO, 1933) s. str. 阿里山花天牛
KANO, 1933, Kontyu, 6: 268 (*Strangalia*) (Arisan).
Distr.: Taiwan.
- subsp. *masegakii* (KANO, 1933) 玉山花天牛
KANO, 1933, Kontyu, 6: 269 (*Strangalia*) (Niitaka chiuzaisho (10200 ft. in alt.))
Distr.: Taiwan.
- L. tattakana* (KANO, 1933) 立鷹花天牛
KANO, 1933, Kontyu, 6: 266, pl. 4, f. 1 (*Strangalia*) (Tattaka).
horishana MATSUSHITA, 1933, J. Fac. Agr. Hokkaido Univ., 34: 211, 214, pl. 1, f. 4
(*Strangalia*) (Horisha).
auratopilosa MATSUSHITA, 1933 (nec 1931), J. Fac. Agr. Hokkaido Univ., 34: 434 (*Strangalia*);
TAMANUKI, 1942, Fauna Nip., 10-8-15: 146, f. 160 (part) (*Strangalia*).
auratopilosa GRESSITT (nec MATSUSHITA), 1951, Longicornia, 2: 95, 98 (*Leptura*).
Distr.: Taiwan.

Genus *Pedostrangalia* SOKOLOW, 1896 黃腳花天牛屬

- Pedostrangalia* SOKOLOW, 1896, Horae Ent. Ross., 30: 461 (type-species: *Pedostrangalia*
kassajanowi SOKOLOW, 1896) (*Strangalia* subg.).
- Pedostrangalia muneaka* (MITONO et TAMANUKI, 1939) 紅胸黃足花天牛
MITONO et TAMANUKI, 1939, Trans. Nat. Hist. Soc. Formosa, 29: 212 f. 4 (*Strangalia*
(*Pedostrangalia*)) (Mt. Rara).
Distr.: Taiwan.

Genus *Strangalia* Serville, 1835 細花天牛屬

- Strangalis* SERVILLE, 1835, Ann. Soc. Ent. France, 4: 220 (type-species: *Leptura lutei-*
cornis FABRICIUS, 1775).
- Ophistomis* THOMSON, 1857, Arch. Ent., 1: 319; THOMSON, 1860, Essai Classif. Ceramb.,
p. 154 (type-species: *O. flavocinctus* THOMSON, 1860).
- Strangalina* AURIVILLIUS, 1912, Col. Cat., 39: 245 (n. n. for *Strangalia*).
- Sulcatostrangalia* OHBAYASHI, 1961, Ent. Rev. Japan, 13: 17 (type-species: *Strangalia*
gracilis GRESSITT, 1934) (*Strangalia* subg.).

- Strangalia denticulata* (TAMANUKI, 1939) 齒細花天牛
TAMANUKI, 1939, Ins. Mats., 13: 145, f. 3 (*Strangalomorpha*), (Mt. Daikoku et Mt. Ari).
Distr.: Taiwan.
- S. tomentosa* (TAMANUKI, 1942) 毛細花天牛
TAMANUKI, 1942, Fauna Nip., 10-8-15: 129, f. 148 (*Strangalomorpha*) (Mt. Ari).
Distr.: Taiwan.
- S. angustissima* (GRESSITT, 1935) 長尾細花天牛
GRESSITT, 1935, Philip. J. Sci., 58: 261 (*Strangalina*) (Hassenzan).
YANOI, 1939, Ins. Mats., 13: 146, 5.2 (nec 3) (*Strangalina*) (Arisan).
Distr.: Taiwan.
- S. semichujoi* HAYASHI, 1974 擬中條細花天牛
HAYASHI, 1974, Bull. Osaka Jonan Women's Jr. Coll., 9: 11 (Liyushan).
Distr.: Taiwan.
- S. chujoi* MITONO, 1938 中條細花天牛
MITONO, 1938, Trans. Nat. Hist. Soc. Formosa, 28: 20, f. 3 (Mt. Senjo).
Distr.: Taiwan; SE. China; Japan (Kyushu).
- S. shirakii* (TAMANUKI et MITONO, 1939) 素木細花天牛
TAMANUKI et MITONO, 1939, Trans. Nat. Hist. Soc. Formosa, 29: 213, f. 5 (*Strangalina*)
(Jujiro nr. Arisan).
Distr.: Taiwan.

Genus *Metalloleptura* GRESSITT et RONDON, 1970 艷花天牛屬

- Metalloleptura* GRESSITT et RONDON, 1970, Pacif. Ins. Monogr. 24: 36 (type-species: *Strangalia virescens* AURIVILLIUS, 1911).
- Metalloleptura rahoarei* (KANO, 1933) 酋王艷花天牛
KANO, 1933, Kontyu, 6: 264 (*Strangalia*) (Keinanzan nr. Rokki).
Distr.: Taiwan.

Genus *Metastrangalis* HAYASHI, 1960 新細花天牛屬

- Metastrangalis* HAYASHI, 1960, Niponius 1(6): 16 (type-species: *Eustrangalis albicornis* TAMANUKI, 1942=*M. ochraceoventra* (GRESSITT, 1935)).
- Metastrangalis ochraceoventra* (GRESSITT, 1935) 橙腹新細花天牛
GRESSITT, 1935, Philip. J. Sci., 58: 256 (*Leptura* (?)), (Hassenzan).
albicornis TAMANUKI, 1942, Fauna Nip., 10-8-15: 119, f. 141 (*Eustrangalis*), (Arisan).
Distr.: Taiwan.
- M. denticulata* TAMANUKI, 1939 齒胸新細花天牛
TAMANUKI 1983; Ins. Mats., 13(4): 145, f. 3 (nec 2) (*Strangalomorpha*), (Mt. Daikoku; Mt. Ari).
Distr.: Taiwan.

Genus *Japanostrangalia* NAKANE et OHBAYASHI, 1950 日本細花天牛屬

- Japanostrangalia* NAKANE et OHBAYASHI, 1957, Sci. Rep. Saikyo Univ., 2(4): 244 (type-species: *Leptura dentatipennis* Pic, 1901).

Japanostrangalia yamasakii (MITONO, 1936) 山崎日本花天牛MITONO, Trans. Nat. Hist. Soc. Formosa, 26: 421, f. 2 (*Strangalia*) (Hassenzan).

Distr.: Taiwan; S. E. China(?).

Genus *Sinostrangalis* HAYASHI, 1960 華夏花天牛屬*Sinostrangalis* HAYASHI, 1960, Niponius, 1(6): 13 (type-species: *Strangalia yamasakii* var. *ikedai* MITONO et TAMANUKI, 1939).*Sinostrangalia ikedai* (MITONO et TAMANUKI, 1939) 池田華夏花天牛TAMANUKI et MITONO, 1939, Trans. Nat. Hist. Soc. Formosa, 29: 211, f. 3 (*Strangalia yamasakii* var. *ikedai* (Sozan).

Distr.: Taiwan; S. E. China(?).

Genus *Pygostrangalia* PIC 1957*Pygostrangalia* PIC 1957, Bonn. Zool. Beitr., 8(1): 76 (type-species *Strangalia invittaticollis* Pic) (*Strangalia* Subg.)*Pygostrangalia kurodai* HAYASHI, 1976 黑田華夏細花天牛

HAYASHI, 1976, Bull. Osaka Jonan Women's Jr. Coll., 11: 5 (Juisui).

Distr.: Taiwan.

Genus *Mimostrangalia* NAKANE et OHBAYASHI, 1957 擬細花天牛屬*Mimostrangalis* NAKANE et OHBAYASHI, 1957, Sci. Rept. Saikyo Univ., 2(4): 49 (type-species: *Strangalia kurosonensis* OHBAYASHI, 1936).*Insularestrangalia* HAYASHI, 1961, Ent. Rev. Japan, 13: 40 (type-species: *Strangalia longicornis* GRESSITT, 1934 (*Strangalia* subg.)).*M. kappanzanensis* (KANO, 1933) 角板擬細花天牛KANO, 1933, Kontyu, 6: 265 (*Strangalis* (*Typocerus*)) (Kappanzan).*mitonoi* GRESSITT, 1951, Longicornia, 2: 117, pl. 3, f. 1 (*Strangalia*) (Sozan).*mitonoana* GRESSITT, 1953, Ent. Rev. Japan, 6(4): 28 (n. n. for *mitonoi* GRESSITT, 1951).

Distr.: Taiwan.

M. kurosawai (HAYASHI, 1966) 1966 黑澤擬細花天牛HAYASHI, 1966, Bull. Osaka Jonan Women's Jr. Coll., 1: 4 (*Pygostrangalia*) (Puli).*dulcis* ab. *kinoshitai*, MITONO (nec KANO), 1944, Trans. Nat. Hist. Soc. Taiwan 34: 250, 258 (*Strangalina*), (Musha).

Distr.: Taiwan.

Genus *Parastrangalis* GANGLBAUER, 1889 副細花天牛屬*Parastrangalis* GANGLBAUER, 1889, Horae Soc. Ent. Ross., 24: 57 (type-species: *Leptura* (*Parastrangalis*) *potanini* GANGLBAUER, 1889) (*Leptura* subg.).*Parastrangalis mitonoi* (HAYASHI et IGA, 1951) 水氏副細花天牛HAYASHI et IGA, 1951, Ent. Rev. Japan, 5(2): 75 *Strangalomorpha chujoi* TAMANUKI, 1942 (nec MITONO), Fauna Nip., 10-8-15: 207, f. 219 (partim.), (Hori).

Distr.: Taiwan.

Genus *Strangaliella* HAYASHI, 1976 微細花天牛屬*Strangaliella* HAYASHI, 1976, Bull. Osaka Jonan Women's Jr. Coll., 11: 3 (type-species:*Strangalia shikokensis* MATSUSHITA, 1935).

Strangaliella lateristriata (TAMANUKI et MITONO, 1939) 側條細小花天牛

TAMANUKI et MITONO, 1939, Trans. Nat. Hist. Soc. Formosa, 29: 209, f. 2 (*Strangalomorpha*) (Mt. Rara).

Distr.: Taiwan.

S. subapicalis (GRESSITT, 1935) 八仙細小花天牛

GRESSITT, 1935, Philip. J. Sci., 58: 263 (*Strangalina*) (Hassenzan).

Distr.: Taiwan.

S. puliensis HAYASHI, 1976 埔里細小花天牛

HAYASHI, 1976, Bull. Osaka Jonan Women's Jr. Coll., 11: 3 (Puli).

Distr.: Taiwan.

Genus *Leptostrangalia* NAKANE et OHBAYASHI, 1959 織細花天牛屬

Leptostrangalia NAKANE et OHBAYASHI, 1959, Sci. Rept. Kyoto Pref. Univ., 3(1): 64 (type-species: *Strangalia hosohana* OHBAYASHI, 1952).

Leptostrangalia nakamurai HAYASHI, 1960 中村織花細天牛

HAYASHI, 1960, Niponius, 1(6): 17 (Musha).

Distr.: Taiwan.

Genus *Eustrangalis* BATES, 1884 優花天牛屬

Eustrangalis BATES, 1884, J. Linn. Soc. London, Zool., 18: 222 (type-species: *E. distenioides* BATES, 1884).

Eustrangalis viridipennis GRESSITT, 1935 綠翅優花天牛

GRESSITT, 1935, Philip. J. Sci., 55: 380 (Taiheizan; Arisan).

Distr.: Taiwan.

Genus *Idiostrangalia* NAKANE et OHBAYASHI, 1957 緣紋花天牛屬

Idiostrangalia NAKANE et OHBAYASHI, 1957, Sci. Rept. Saikyo Univ., 2(4): 49 (type-species: *Strangalia contracta* BATES, 1884).

Pygostrangalia HAYASHI, 1960 (nec PIC, 1957), Niponius, 1(6): 18 (part).

Idiostrangalia akiyamai HAYASHI, 1978 秋山緣紋花天牛

HAYASHI, 1978, Ent. Rev. Japan, 31(1/2): 86 (Nishudan nr. Paoshan).

Distr.: Taiwan.

I. vittatipennis (PIC, 1914) 斑翅緣紋花天牛

PIC, 1914, Mat. Longic, 9(1): 16 (*Strangalia*), (Tainan).

marginale KANO, 1933, Kontyu, 6: 269 (*Strangalia*), (Tattaka). *suturalis* GRESSITT, 1935, Philip. J. Sci. 58: 262 (*Strangalia*), (Arisan).

Distr.: Taiwan.

I. rarasanensis MITONO, 1938 拉拉山緣紋花天牛

MITONO, 1938, Trans. Nat. Hist. Soc. Formosa, 28: 19, f. 2 (Mt. Rara)

Distr.: Taiwan.

I. sozanensis (MITONO, 1938) 草山緣紋花天牛

MITONO, 1938, Trans. Nat. Hist. Soc. Formosa, 29: 17, f. 2 (*Strangalia* (*Strangalina*)) (Sozan).

lineaticollis Gressitt, 1939, (nec 1937), Notes d'Ent. Chinoise, 6: 93.

Distr.: Taiwan; E. China.

Genus *Ohbayashia* HAYASHI, 1958 大林花天牛屬

Ohbayashia HAYASHI, 1958, Ent. Rev. Japan, 9: 4 (type-species: *Strangalomorpha nigromarginata* HAYASHI, 1953).

Ohbayashia fuscoaenea HAYASHI, 1974 帶紋大林花天牛

HAYASHI, 1974, Bull. Osaka Jonan Women's Jr. Coll., 9: 7 (Meifeng & Sunkang).

Distr.: Taiwan.

Genus *Paranaspia* MATSUSHITA et TAMANUKI, 1940 緋花天牛屬

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coccinea, SCHWARZER (nec GAHAN), 1925, Ent. Blaett., 21: 23 (Taihorin; Fuhosho).

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E. apicalis KANO, 1933 黑尾螢花天牛

KANO, 1933, Kontyu, 6: 270 (*E. dilaticornis* PASCOE subsp. *apicalis*), (Arisan).

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Tribe Eroschemini 顯花天牛族

Genus *Pyrocalymma* THOMSON, 1864 焰艷花天牛屬

Pyrocalymma THOMSON, 1864, Syst. Cer., pp. 159, 415 (type-species: *P. pyrochroides* THOMSON, 1864).

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THOMSON, 1864, Syst. Cer., p. 160 (Sikang).

Distr.: Taiwan (?); N. India; Burma.

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Corennys BATES, 1884, J. Linn. Soc. London, Zool., 18: 224 (type-species: *C. sericata* BATES, 1884).

Corennys sanguinea KANO, 1933 緋艷細頸天牛

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C. taiwana HAYASHI, 1963 臺灣艷細頸天牛

HAYASHI, 1963, Ins. Mats., 25(2): 130 (Puli).

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Genus *Formosopyrrhona* HAYASHI, 1957 紅翅細頸天牛屬

Formosopyrrhona HAYASHI, 1957, Akitu, 6: 37 (type-species: *Corennys cinnabarina*, HAYASHI (nec GRESSITT, 1951, 1957=*Pyrocalymma hozanensis* MATSUSHITA, 1931); HAYASHI, 1960, Niponius, 1(6): 22; HAYASHI, 1974, Bull. Osaka Jonan Women's Jr. Coll., 8: 14.

Formosopyrrhona semilaeticolor HAYASHI, 1974 灰艷紅翅細頸天牛

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F. cinnabarina (GRESSITT, 1951) 艷紅翅細頸天牛GRESSITT, 1951, Longicornia, 2: 122, pl. f. 4 (*Corennys*), (Mt. Rara).

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F. taiwanensis HAYASHI, 1969 臺灣紅翅細頸天牛

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Distr.: Taiwan.

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Tribe *Necydalini* 細短翅天牛族Genus *Necydalis* LINNE, 1758 細短翅天牛屬

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N. hirayamai OHBAYASHI, 1948 平山細短翅天牛

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Distr.: Taiwan.

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Distr.: Taiwan (?); Japan; Saghalien.

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