

## The Checklist of Taiwanese Pteridophytes Following Ching's System

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**ABSTRACT:** During the first author's visit to Taiwan in 2002 he checked many fern specimens at several herbaria, i.e. HAST, TAI, TAIF and TNM and found several new taxa, including 6 new records; *Pteris dissitifolia* Baker, *Dryopteris huangshanensis* Ching, *Dryopteris latibasis* Ching, *Dryopteris redactopinnata* S. K. Basu & Panigr., *Microsorium carinatum* (W. M. Chu & Z. R. He) S. G. Lu and *Polypodiodes chinensis* (H. Christ) S. G. Lu and 2 new combinations for Taiwan (*Microsorium carinatum* (W. M. Chu & Z. R. He) S. G. Lu, and *Polypodiodes raishanensis* (Rosenst.) S. G. Lu). The description and voucher specimens only for the newly recorded species have been accepted in the present work. Based on the Flora Reipublicae Popularis Sinicae vols. 2-6, there are about 2,600 species of ferns in China. Because different fern arrangement systems are used in Taiwan and Mainland China, lots of different scientific names are applied to the same taxon. The arrangement of families in the present work follows Ching's system (1978) instead of that in the Flora of Taiwan 2nd ed. Including those newly recorded species there are 57 families, 184 genera and 677 species/taxa (including infraspecific taxa) presented in the present work.

**KEY WORDS:** Pteridophytes, Taiwan, R. C. Ching, checklist.

### INTRODUCTION

Taiwan is an island with an area of ca. 36,000 km<sup>2</sup> but it does have 677 fern taxa. We may compare the number of ferns in Taiwan to some other areas which have similar numbers through larger fern territories. For example: Japan (639 taxa/227,400 km<sup>2</sup>, Nakaike, 1992) and Thailand (639 taxa/514,000 km<sup>2</sup>, Tagawa & Iwatsuki, 1979, 1985, 1988, 1989), and we could conclude that Taiwan is one of the richest places for ferns in the world.

According to the Flora of Taiwan vol. I, 2nd ed. (Shieh *et al.*, 1994), there are 37 families, 145 genera and 593 species/taxa (including infraspecific taxa: There are 37 families, 159 genera and 578 species/taxa in Flora of Taiwan vol. I, 1st ed. (DeVol, 1975)). During the first author's visit to Taiwan in 2002 he has checked many specimens at several herbaria, e.g. at the Institute of Botany, Academia Sinica (HAST), the Department of Botany, National Taiwan University (TAI), the Department of Biology, Taiwan Forestry Research Institute (TAIF), and the Department of Botany, National Museum of Natural Science (TNM) and found some new taxa, including new records and new combination for Taiwan. There are two new combinations, i.e. *Microsorium carinatum* (W. M. Chu & Z. R. He) S. G. Lu and *Polypodiodes raishanensis* (Rosenst.) S. G. Lu, and six newly recorded species; *Pteris*

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*dissitifolia* Baker, *Dryopteris huangshanensis* Ching, *Dryopteris latibasis* Ching, *Dryopteris redactopinnata* S. K. Basu & Panigr., *Microsorium carinatum* (W. M. Chu & Z. R. He) S. G. Lu, and *Polypodiodes chinensis* (H. Christ) S. G. Lu. Almost all newly recorded species have been checked and voucher specimens have been taken in the present work.

There are about 2,600 species of pteridophytes in China (Ching, 1959; Hsieh *et al.*, 2000; Lin *et al.*, 2000; Shing *et al.*, 1990, 1999; Wang *et al.*, 1999; Wu, 1999; Wu and Wang, 1999; Kung *et al.*, 2001; Zhang and Zhang, 2004) and some of these are also found in Taiwan. Because the taxonomists use different taxonomic systems for pteridophytes in Taiwan and Mainland China, lots of taxa, especially those species distributed in both places, are confused. We have published Lanyu ferns (Lu and Yang, 2002) following the system of the Flora of Taiwan 2nd ed. (Shieh *et al.*, 1994). However, Ching's fern classificatory system which was published in 1978 is widely used in Mainland China but there is no publication which discussed this taxonomical topic, especially with regard to reconciling the scientific names used in Taiwan and Mainland China. The arrangement of families in the present work follows Ching's system (1978a, b, Wu and Ching, 1991) instead of that in the Flora of Taiwan 2nd ed. (Shieh *et al.*, 1994). Scientific names and Chinese names follow the Flora Reipublicae Popularis Sinicae, vols. 2-6 (Ching, 1959; Xia, 1989; Shing *et al.*, 1990, 1999; Wang *et al.*, 1999; Wu, 1999; Wu and Wang, 1999; Hsieh *et al.*, 2000; Lin *et al.*, 2000; Kung *et al.*, 2001; Zhang and Zhang, 2004) and Kuo (1985, 1990, 1997). Following the family names with another names in a parenthesis means that they put the taxa in different families and the names in parentheses were used in Taiwan, e.g. Huperziaceae 石杉科 (Lycopodiaceae 石松科). If there are different Chinese names on the same taxon and the Chinese name used in Taiwan will be in parentheses, e.g. *Lycopodium annotinum* L. 單穗石松 (杉葉蔓石松). If the same taxon has a different scientific name used for it in its treatment in Mainland China, from that used for it in Taiwan, then an "=" is placed before the alternative scientific name used in Taiwan, e.g.: *Huperzia quasipolytrichoides* (Hayata) Ching 反捲葉石杉 (scientific name and Chinese name used in China) = *Lycopodium quasipolytrichoides* Hayata (used in Taiwan) 反捲葉石松 (Chinese name used in Taiwan if differented from Mainland China). The sum of Taiwanese ferns folloing Ching's fern classificatoiry system becomes 57 families, 184 genera and 677 taxa (including specific and infraspecific taxa).

## TAXONOMIC TREATMENT

*Pteris dissitifolia* Baker in Journ. Bot. **28**: 236. 1890.

大半邊旗

Rhizome short, ascending, scaly; scales linear, dark brown or black. Stipes 40-60 cm long, reddish-brown to purplish-brown, scaly or sparsely scaly at base; lamina bipinnate, oblong-subtriangular to ovate, 35-50 cm long, 25-35 cm broad, having 5-8 pairs of pinnae, with ultimate pinnules on basisopic side, nearly entire on acroscopic side except base; apical segments 6-8 cm long, 6-12 mm broad, segments rather remotely placed, minutely denticulate at margin of sterile portion of ultimate segments, apex of denticulates not cartilaginous. Sori elongate along margin of lobes except for apical and basal portions.

Distribution: Taiwan, Yunnan, Guangdong, Hainan; Northern Vietnam and Laos.

Specimens examined: TAIWAN: Taipei: Peitou, *D. Kawamura* s. n. 2 Aug. 1937 (TNM); Hsintien, Hsiaukotou, *T. Y. Chiang* 22845 (TNM), *J. G. Liu* s. n. 25 May 1991 (TNM), Tachichiao, *J. G. Liu* s. n. 26 May

1991 (TNM), Yinhetung, *M. T. Kao s. n.* 22 Apr. 1991 (TNM); Chunghe, Temple Yuentungsi, *T. Y. Chiang 21568* (TNM); Wuliaoohih, *T. Y. Chiang 23700* (TNM); Sanhsia, Loloku, Mt. Peichatienshan, *T. Y. A. Yang 1969* (TNM). Taichung: Taken, *C. T. Yao s. n.* 2 Jun 1976 (TNM); Tunghai University, *G. S. Wang 129* (TNM); Tatu, Mt. Tatushan, *J. N. Chen 1* (TNM). Nantou: Sunmoon Lake, *H. Y. Sheu & S. R. Wang s. n.* 19 May 1991 (TNM); Kuohsing, Mt. Wulaishan, *H. Y. Liu 3565* (TNM).

***Dryopteris huangshanensis*** Ching in Bull. Fan Mem. Biol. Inst. Bot. **8**: 421. 1938.

黃山鱗毛蕨

Rhizome erect or ascending, scaly; scales pale brown, ovate-lanceolate to narrowly ovate, entire. Stipes short, 5-8 cm long, stramineous, densely scaly; lamina pinnate, lanceolate to oblanceolate, 35-45 cm long, 10-15 cm broad, apex acuminate, lower pinnae shorter; more than 20 pairs pinnae, linear-lanceolate, 5-6 cm long, 1.0-1.2 cm broad, apex acuminate, sessile, pinnatifid; lobes narrowly oblong, apex round, margin minutely dentate. Scales filiform on adaxial, short scales on abaxial surfaces. Sori in one submarginal row at each side of midribs of lobes, indusia entire.

Distribution: Taiwan, Anhui, Zhejiang, Jiangxi, Fujian and Hubei.

Specimens examined: TAIWAN: Chiayi: Wufung, Tefuyei, *B. J. Wang 14586* (HAST).

***Dryopteris latibasis*** Ching in Bull. Fan Mem. Biol. Inst. Bot. **11**: 61. 1941.

闊基鱗毛蕨

Rhizome erect, scaly. Stipes 30-40 cm long, brown, densely scaly at base, scales dark brown, ovate-lanceolate to lanceolate; lamina bipinnatifid, oblanceolate, 45-55 cm long, 25-35 cm broad, apex acuminate, lower pinnae as long as upper ones; 18-20 pairs pinnae, lanceolate, 8-10 cm long, 2.0-2.5 cm broad, apex acuminate, pinnatifid; lobes narrowly oblong, apex round, margin sparsely dentate. Sori 4-6 pairs in each lobe, indusia round reniform.

Distribution: Taiwan and Yunnan.

Specimens examined: TAIWAN: Kaohsiung: Prov. #20 Hyw, Kuaigu, *B. J. Wang 16021* (HAST); no locality, *B. J. Wang 14821* (HAST).

***Dryopteris redactopinnata*** S. K. Basu & Panigr. in Ind. Journ. For. **3(3)**: 270. 1980.

藏布鱗毛蕨

Rhizome thick, short, erect, scaly; scales dark brown, lanceolate to ovate-lanceolate, apex caudately, tail-like, margin hairy like, membranous. Stipes short, 10-15 cm long, densely scaly, smaller and narrower upwardly; laminae bipinnatifid to bipinnatisect, oblanceolate, 30-45 cm long, 8-15 cm wide, apex acuminate, lower lateral pinnae gradually shorter downward; 20-30 pairs pinnae, linear-lanceolate, 5-8 cm long, 1.0-1.2 cm broad, apex acuminate, sessile, pinnatifid to pinnatisect; lobes narrowly oblong, apex round, margin dully dentate, Scales filiform on adaxial, short scales on abaxial surfaces. Sori subcostal on lobes, indusia entire.

Distribution: Taiwan, Yunnan, Xizang and Sichuan; India, Pakistan, Nepal and Bhutan.

Specimens examined: TAIWAN: Chiayi: Tataka-anbu to Paiyunshanchuang, *H. S. Lin & C. K. Lin s. n.* May 1991 (TNM). Kaohsiung: Prov. No. 20 Hyw, Mt. Kuhanohsinshan, *B. J. Wang 4883* (HAST), Takuanshan Tunnel, *B. J. Wang 16003* (HAST), Mt. Kuanshanlinshan, *B. J. Wang 8202* (HAST); Mt. Kuanshan, *B. J. Wang 9475* (HAST). Miaoli: Mt. Chungshueishan, 230 Trail, *B. J. Wang 8893* (HAST); no locality: *B. J. Wang 10546* (HAST), *11838* (HAST), *11851* (HAST), *14019* (HAST).

***Microsorium carinatum*** (W. M. Chu & Z. R. He) S. G. Lu, *stat. nov.*

龍骨星蕨

*Microsorium membranaceum* (Don) Ching var. *carinatum* W.M. Chu & Z.R. He in Acta Bot. Yun. **22(3)**: 257. f. 1-4.

Rhizome up to 6 mm thick, creeping; scales oblong-subtriangular, gradually narrowing towards apex. Stipes 8-12 cm long, winged almost to the base, stramineous or green, c. s. triangle. Fronds narrowly oblong, 30-50 cm long, 10-15 cm broad, apex acuminate, margin subentire to dully wavy, texture membranous to thinly herbaceous, midrib raised prominently in carinate shape beneath, main lateral veins prominent. Sori at joint of veins, round and distinct, small, irregularly scattered usually in 2-5 rows between main lateral veins. Distribution: Taiwan and Yunnan.

Specimens examined: TAIWAN: Nantou: Hsitou, *M. T. Kao* s. n. 14 May 1991 (TNM), C. C. Lu s. n. 27 Aug. 1977 (TNM), *T. Y. A. Yang* 2236 (TNM); Tungpu, *H. Y. Cheng* s. n. 22 Nov. 1975 (TNM). Chiayi: Laiji, *J. C. Wang et al.* 6930 (TNM). Ilan: Ayushih, *C. K. Lin & H. C. Chen* 62 (TNM).

***Polypodiodes chinensis*** (H. Christ) S.G. Lu in Acta Bot. Yun. **21(1)**: 24. 1999 中華水龍骨

Rhizome 2-3 mm thick, long-creeping, densely scaly, fronds remote; scales black, ovate-lanceolate, apex acuminate, margin sparsely dentate. Stipes 10-20 cm long, stramineous, glabrous. Laminae ovate-lanceolate to broadly lanceolate, 15-25 cm long, 7-10 cm wide, pinnatifid or pinnatisect at lower portion, apex caudate, base cordate; segments 15-25 pairs, linear-lanceolate, 3-5 cm long, 0.5-0.7 cm wide, apex acuminate, margin serrate, basal pairs slightly shortened and deflexed; veins reticulate, costa visible, stramineous, veinlets invisible; texture thin, glabrous or nearly so on both surfaces, scaly beneath. Sori small, round, borne on the terminal of the included veinlets, close to the costa.

Distribution: Taiwan, Yunnan, Sichuan, Guizhou, Shaanxi, Gansu, Shanxi, Henan, Hebei, Hubei, Jiangxi, Anhui, Zhejiang and Guangdong.

Specimens examined: TAIWAN: Nantou: Jenai, Puluhsi Forestry Station, *T. Y. A. Yang* 9639 (TNM).

***Polypodiodes raishanensis*** (Rosenst.) S. G. Lu, *comb. nov.* 大葉水龍骨

*Polypodium raishanense* Rosenst. in Hedwigia **56**: 346. 1915.

## A revised checklist of the Taiwanese pteridophytes according to Ching's classification

### 1. **Psilotaceae** 松葉蕨科

*Psilotum nudum* (L.) Beauv. 松葉蕨

### 2. **Huperziaceae** 石杉科 (Lycopodiaceae 石松科)

*Huperzia quasipolytrichoides* (Hayata) Ching 反捲葉石杉 = *Lycopodium quasipolytrichoides* Hayata 反捲葉石松

*Huperzia selago* (L.) Bernh. var. *appressum* Desv. 小杉葉石杉 = *Lycopodium selago* L. var. *appressum* Desv. 小杉葉石松

*Huperzia serrata* (Thunb.) Trevis var. *longipetiolata* (Spring) H.-M. Chang 長柄千層塔 (Chang and Wang, 2001) = *Lycopodium serratum* Thunb.

*Huperzia serrata* (Thunb.) Trevis var. *myriophyllifolia* (Hayata) H.-M. Chang 阿里山千層塔

- (Chang and Wang, 2001) = *Lycopodium serratum* Thunb.  
*Huperzia serrata* (Thunb.) Trevis 蛇足石杉 = *Lycopodium serratum* Thunb. 千層塔  
*Huperzia somae* (Hayata) Ching 相馬氏石杉 = *Lycopodium somae* Hayata 相馬氏石松  
*Phlegmariurus carinatus* (Desv.) Ching 龍骨馬尾杉 = *Lycopodium carinatum* Desv. 覆葉石松  
*Phlegmariurus cryptomerianum* (Maxim.) Dixit 柳杉葉馬尾杉 = *Lycopodium cryptomerianum* Maxim. 柳杉葉蔓石松  
*Phlegmariurus cunninghamioides* (Hayata) Holub 寬葉馬尾杉 = *Lycopodium cunninghamioides* Hayata 寬葉石松  
*Phlegmariurus fargesii* (Hert.) Ching 銳葉馬尾杉 = *Lycopodium fargesii* Hert. 銳葉石松  
*Phlegmariurus fordii* (Baker) Ching 華南馬尾杉 = *Lycopodium fordii* Baker 福氏石松  
*Phlegmariurus phlegmaria* (L.) Holub. 馬尾杉 = *Lycopodium phlegmaria* L. 垂枝石松  
*Phlegmariurus salviniioides* (Nakai) Ching 小馬尾杉 = *Lycopodium salviniioides* (Hert.) Tagawa 小垂枝石松  
*Phlegmariurus sieboldii* (Miq.) Ching 鱗葉馬尾杉 = *Lycopodium sieboldii* Miq. 鱗葉石松  
*Phlegmariurus squarrosus* (G. Forst.) Love & Love 粗糙馬尾杉 = *Lycopodium squarrosus* Forst 杉葉石松  
*Phlegmariurus taiwanense* (C.M. Kuo) Ching 臺灣馬尾杉 = *Lycopodium taiwanense* C.M. Kuo 臺灣石松

### 3. Lycopodiaceae 石松科

- Diphasiastrum complanatum* (L.) Holub 扁枝石松 = *Lycopodium complanatum* L. 地刷子  
*Lycopodiastrum casuarinoides* (Spring) Holub 藤石松 = *Lycopodium casuarinoides* Spring 木賊葉石松  
*Lycopodium annotinum* L. 單穗石松 (杉葉蔓石松)  
*Lycopodium japonicum* Thunb. 石松 = *Lycopodium clavatum* L.  
*Lycopodium juniperoideum* Sw. 玉柏 = *Lycopodium obscurum* L.  
*Lycopodium pseudoclavatum* Ching 喜馬拉雅石松  
*Lycopodium veitchii* H. Christ 石松 (玉山石松)  
*Palhinhaea cernua* (L.) France & Vasc. 垂穗石松 = *Lycopodium cernuum* L. 過山龍

### 4. Selaginellaceae 卷柏科

- Selaginella boninensis* Baker 小笠原卷柏  
*Selaginella ciliaris* (Retz.) Spring 纖毛卷柏 (緣毛卷柏)  
*Selaginella delicatula* (Desv.) Alston 全緣卷柏  
*Selaginella doederleinii* Hieron. 深綠卷柏 (生根卷柏)  
*Selaginella heterostachys* Baker 異穗卷柏 (姬卷柏)  
*Selaginella involvens* (Sw.) Spring 兗州卷柏 (密葉卷柏)  
*Selaginella labordei* Hieron. ex H. Christ 細葉卷柏 (玉山卷柏)  
*Selaginella leptophylla* Baker 膜葉卷柏 = *Selaginella satakeana* Koidz. 狹葉卷柏  
*Selaginella mollendorffii* Hieron. 江南卷柏 (異葉卷柏)

- Selaginella nipponica* Franch. & Sav. 伏地卷柏 (日本卷柏)  
*Selaginella pseudonipponica* Tagawa 擬日本卷柏 (Kuo, 1997)  
*Selaginella remotifolia* Spring 疏葉卷柏  
*Selaginella repanda* (Desv. ex Poir.) Spring 波葉卷柏 (高雄卷柏)  
*Selaginella stauntoniana* Spring 早生卷柏 (擬密葉卷柏)  
*Selaginella tamariscina* (Beauv.) Spring 還魂草 (萬年松)

### 5. Isoetaceae 水韭科

*Isoetes taiwanensis* DeVol 臺灣水韭

### 6. Equisetaceae 木賊科

- Hippochaete debilis* (Roxb. ex Vauch.) Ching 筆管草 = *Equisetum ramosissimum* Desf. ssp.  
*debile* (Roxb.) Hauke 臺灣木賊  
*Hippochaete ramosissima* (Desf.) Boern 節節草 = *Equisetum ramosissimum* Desf. ssp.  
*ramosissimum* 木賊

### 7. Helminthostachyaceae 七指蕨科 (Ophioglossaceae 瓶爾小草科)

*Helminthostachys zeylanica* (L.) Hook. 七指蕨 (錫蘭七指蕨)

### 8. Botrychiaceae 陰地蕨科 (Ophioglossaceae 瓶爾小草科)

- Botrychium lunaria* (L.) Sw. 扇葉小陰地蕨 (扇羽陰地蕨)  
*Botrypus lanuginosus* (Wall. ex Hook. & Grev.) Holub 絨毛假陰地蕨 = *Botrychium lanuginosum* Wall. ex Hook. & Grev. 阿里山蕨萁  
*Scepteridium ternatum* (Thunb.) Lyon 陰地蕨 = *Botrychium ternatum* (Thunb.) Sw. 大陰地蕨  
*Scepteridium daucifolium* (Wall. ex Hook. & Grev.) Lyon 薄葉陰地蕨 = *Botrychium daucifolium* Wall. ex Hook. & Grev. 薄葉大陰地蕨

### 9. Ophioglossaceae 箭蕨科 (瓶爾小草科)

- Ophioderma pendulum* (L.) C. Presl 帶狀瓶爾小草  
*Ophioglossum austroasiaticum* Nishida 高山瓶爾小草  
*Ophioglossum petiolatum* Hook. 銳頭瓶爾小草  
*Ophioglossum themale* Kowarov 狹葉瓶爾小草 (Chang & Wang, 2001)

### 10. Marattiaceae 合囊蕨科 (觀音座蓮舅科)

*Marattia pellucida* C. Presl 合囊蕨 (觀音座蓮舅)

### 11. Angiopteridaceae 觀音座蓮科 (Marattiaceae 觀音座蓮舅科)

- Angiopteris lyodiifolia* Rosenst. 觀音座蓮  
*Angiopteris palmiformis* (Cav.) C. Chr. 蘭嶼觀音座蓮  
*Archangiopteris somai* Hayata 臺灣原始觀音座蓮  
*Archangiopteris itoi* W.C. Shieh 伊藤氏原始觀音座蓮

**12. Osmundaceae** 紫萁蕨科*Osmunda banksiaefolia* (C. Presl) Kuhn 粗齒革葉紫萁*Osmunda cinnamomea* L. 假紫萁*Osmunda claytoniana* L. 絨假紫萁*Osmunda japonica* Thunb. 紫萁**13. Plagiogyriaceae** 瘤足蕨科*Plagiogyria dunnii* Copel. 倒葉瘤足蕨*Plagiogyria euphlebia* (Kunze) Mett. 華中瘤足蕨*Plagiogyria formosana* Nakai 臺灣瘤足蕨*Plagiogyria japonica* Nakai 華東瘤足蕨*Plagiogyria koidzumii* Tagawa 小泉氏瘤足蕨*Plagiogyria rankanensis* Hayata 瘤足蕨*Plagiogyria stenoptera* (Hance) Diels 耳形瘤足蕨**14. Gleicheniaceae** 裏白科*Dicranopteris pedata* (Houtt.) Nakaike 芒萁 = *Dicranopteris linearis* (Burm. f.) Under. var. *linearis**Dicranopteris subpectinata* (H. Christ) C.M. Kuo 賽芒萁 = *Dicranopteris linearis* (Burm. f.) Under. var. *subpectinata* (H. Christ) Holtt.*Dicranopteris taiwanensis* Ching & W.M. Chiu 臺灣芒萁 = *Dicranopteris linearis* (Burm. f.) Under. var. *montana* Holtt. 大羽芒萁*Dicranopteris tetraphylla* (Rosenst.) C.M. Kuo 蔓芒萁 = *Dicranopteris linearis* (Burm. f.) Under. var. *tetraphylla* (Rosenst.) Nakai*Diplopterygium blotianum* (C. Chr.) Nakai 闊片裏白 (逆羽裏白)*Diplopterygium chinensis* (Rosenst.) DeVol 中華裏白*Diplopterygium glaucum* (Houtt.) Nakai 裏白*Diplopterygium laevissimum* (H. Christ) Nakai 光裏白 (鱗芽裏白)**15. Schizaeaceae** 莎草蕨科 (海金沙科)*Schizaea dichotoma* (L.) Sm. 分枝莎草蕨*Schizaea digitata* (L.) Sw. 莎草蕨**16. Lygodiaceae** 海金沙科 (Schizaeaceae 海金沙科)*Lygodium japonicum* (Thunb.) Sw. 海金沙*Lygodium microphyllum* (Cav.) R. Br. 小葉海金沙**17. Hymenophyllaceae** 膜蕨科*Abrodictyum cumingii* C. Presl 長片蕨*Callistopteris apiifolia* (C. Presl) Copel. 毛桿蕨*Cephalomanes clathratum* (Tagawa) K. Iwats. 厚葉蕨 (Kuo, 1997)*Cephalomanes laciniatum* (Roxb.) DeVol 菲律賓厚葉蕨

- Crepidomanes bilabiatum* (Nees & Blume) Copel. 圓唇假脈蕨  
*Crepidomanes kurzii* (Bedd.) Tagawa & K. Iwats. 柯氏假脈蕨 (假脈蕨) (Kuo, 1997)  
*Crepidomanes laterlatum* (v.d. Bosch) Copel. 翅柄假脈蕨 (翅柄假膜蕨)  
*Crepidomanes latemarginale* (D.C. Eaton) Copel. 闊邊假脈蕨  
*Crepidomanes latifrons* (v.d. Bosch) Ching 寬葉假脈蕨 = *Crepidomanes schmidtianum*  
 (Zenker ex Taschner) K. Iwats. var. *latifrons* (v.d. Bosch) K. Iwats 寬葉瓶蕨 (Kuo,  
 1997)  
*Crepidomanes palmifolium* (Hayata) DeVol 雙葉假脈蕨 (變葉假脈蕨)  
*Gonocormus minutus* (Blume) v.d. Bosch 團扇蕨  
*Hymenophyllum barbatum* (v.d. Bosch) Baker 華東膜蕨  
*Hymenophyllum devolii* Lai 臺灣膜蕨  
*Hymenophyllum fimbriatum* J. Sm. 叢葉膜蕨 (叢葉落蕨) (Kuo, 1997)  
*Hymenophyllum productum* Kunze 伸長膜蕨 (南洋落蕨) (Kuo, 1985)  
*Hymenophyllum simonsianum* Hook. 闊片膜蕨 (寬片膜蕨)  
*Hymenophyllum taiwanianum* (Tagawa) Morton 臺灣膜蕨 (臺灣落蕨) (Kuo, 1985)  
*Mecodium badium* (Hook. & Grev.) Copel. 落蕨  
*Mecodium javanicum* (Spreng.) Copel. 爪哇落蕨  
*Mecodium oligosorum* (Makino) H. Ito 長毛落蕨  
*Mecodium polyanthos* (Sw.) Copel. 細葉落蕨  
*Mecodium wrightii* (v.d. Bosch) Copel. 萊氏落蕨  
*Meringium blandum* (Racib.) Copel. 爪哇厚壁蕨  
*Meringium denticulatum* (Sw.) Copel. 厚壁蕨  
*Meringium holochilum* (v.d. Bosch) Copel. 南洋厚壁蕨  
*Microgonium bimarginatum* v.d. Bosch 叉脈單葉假脈蕨  
*Microgonium motheyi* v.d. Bosch 細柄單葉假脈蕨  
*Microgonium omphalodes* Vieill. ex E. Fourn. 盾形單葉假脈蕨  
*Microtrichomanes digitatum* (Sw.) Copel. 指裂細口團扇蕨 (Moore et al., 2003)  
*Microtrichomanes nitidulum* (v.d. Bosch) Copel. 細口團扇蕨  
*Nesopteris thysanostoma* (Makino) Copel. 球桿毛蕨  
*Pleuromanes pallidum* (Blume) C. Presl 毛葉蕨  
*Reediella humile* (G. Forst.) Pic. Serm. 厚邊蕨  
*Selenodesmium obscurum* (Blume) Copel. 線片長筒蕨  
*Trichomanes auriculatum* Blume 瓶蕨 = *Vandenboschia auriculata* (Blume) Copel.  
*Trichomanes birmanicum* Bedd. 管苞瓶蕨 = *Crepidomanes birmanicum* (Bedd.) K. Iwats.  
 華東瓶蕨 (Kuo, 1997)  
*Trichomanes maximum* Blume 大葉瓶蕨 = *Vandenboschia maxima* (Blume) Copel.  
*Trichomanes pyxidiferum* L. 熱帶瓶蕨 = *Vandenboschia pyxidifera* (L.) Copel.  
*Trichomanes radicans* Sw. 南洋瓶蕨 = *Vandenboschia radicans* (Sw.) Copel.

### 18. Dicksoniaceae 蚌殼蕨科

*Cibotium barometz* (L.) J. Sm. 金毛狗蕨

*Cibotium taiwanense* C.M. Kuo 臺灣金毛狗

### 19. Cyatheaceae 桫欏科

*Alsophila fenicis* (Copel.) C. Chr. 蘭嶼筆筒樹 = *Cyathea fenicis* Copel.

*Alsophila loheri* (H. Christ) R. Tryon 南洋桫欏 = *Cyathea loheri* H. Christ

*Alsophila spinulosa* (Wall. ex Hook.) R. Tryon 刺桫欏 = *Cyathea spinulosa* Wall. ex Hook.  
臺灣桫欏

*Gymnosphaera denticulata* (Baker) Copel. 粗齒黑桫欏 = *Cyathea hancockii* Copel. 韓氏桫欏

*Gymnosphaera metteniana* (Hance) Tagawa 小黑桫欏 = *Cyathea metteniana* (Hance) C. Chr.  
& Tard.-Blot 臺灣樹蕨

*Gymnosphaera podophylla* (Hook.) Copel. 鬼黑桫欏 = *Cyathea podophylla* (Hook.) Copel.  
鬼桫欏

*Sphaeropteris lepifera* (J. Sm. ex Hook.) R. Tryon 筆筒樹 = *Cyathea lepifera* (J. Sm. ex  
Hook.) Copel. 筆筒樹

### 20. Monachosoraceae 稀子蕨科 (Dennstaedtiaceae 碗蕨科)

*Monachosorum henryi* H. Christ 稀子蕨

*Ptilopteris maximowiczii* (Baker) Hance 岩穴蕨 = *Monachosorum maximowiczii* (Baker)  
Hayata

### 21. Dennstaedtiaceae 碗蕨科

*Dennstaedtia hirsuta* (Sw.) Mett. ex Miq. 細毛碗蕨

*Dennstaedtia scabra* (Wall. ex Hook.) T. Moore 碗蕨

*Dennstaedtia scandens* (Blume) T. Moore 刺柄碗蕨

*Dennstaedtia smithii* (Hook.) T. Moore 斯氏碗蕨 (司氏碗蕨)

*Microlepia calvescens* (Wall. ex Hook.) C. Presl var. *calvescens* 光葉鱗蓋蕨

*Microlepia calvescens* (Wall. ex Hook.) C. Presl var. *intramarginalis* (Tagawa) W.C. Shieh 羽  
葉鱗蓋蕨

*Microlepia hookeriana* (Wall. ex Hook.) C. Presl 虎克鱗蓋蕨

*Microlepia krameri* C.M. Kuo 克氏鱗蓋蕨 (Kuo, 1985)

*Microlepia marginata* (Panzer) C. Chr. var. *bipinnata* Makino 臺北鱗蓋蕨

*Microlepia marginata* (Panzer) C. Chr. var. *marginata* 邊緣鱗蓋蕨

*Microlepia obtusiloba* Hayata 團羽鱗蓋蕨

*Microlepia platyphylla* (Don) J. Sm. 闊葉鱗蓋蕨

*Microlepia sinostrigosa* Ching 中國粗毛鱗蓋蕨 (中華鱗蓋蕨) (Kuo, 1985)

*Microlepia speluncae* (L.) T. Moore 熱帶鱗蓋蕨

*Microlepia strigosa* (Thunb.) C. Presl 粗毛鱗蓋蕨

*Microlepia substrigosa* Tagawa 亞粗毛鱗蓋蕨

*Microlepia taiwaniana* Tagawa 臺灣鱗蓋蕨

*Microlepia tenera* H. Christ 嫩鱗蓋蕨

*Microlepia trapeziformis* (Roxb.) Kuhn 針毛鱗蓋蕨

*Microlepia trichocarpa* Hayata 毛果鱗蓋蕨

*Microlepia trichosora* Ching 毛苞鱗蓋蕨 (毛囊鱗蓋蕨) (Kuo, 1985)

## 22. Lindsaeaceae 鱗始蕨科 (陵齒蕨科)

*Lindsaea cultrata* (Willd.) Sw. 網脈鱗始蕨

*Lindsaea ensifolia* Sw. 箭葉鱗始蕨 (箭葉陵齒蕨)

*Lindsaea heterophylla* Prent. 異葉鱗始蕨 (異葉陵齒蕨)

*Lindsaea japonica* (Baker) Diels 日本鱗始蕨 (日本陵齒蕨)

*Lindsaea kawabatae* Kurata 細葉鱗始蕨 (Kuo, 1997)

*Lindsaea merrillii* Copel. var. *yaeyamensis* (Tagawa) W.C. Shieh 攀緣鱗始蕨 (攀緣陵齒蕨)

*Lindsaea odorata* Roxb. 鱗始蕨 (陵齒蕨)

*Lindsaea orbiculata* (Lam.) Mett. ex Kuhn var. *commixta* (Tagawa) W.C. Shieh 海島圓葉鱗始蕨 (海島陵齒蕨)

*Lindsaea orbiculata* (Lam.) Mett. ex Kuhn var. *deltoidea* Y.C. Wu 三角葉圓葉鱗始蕨 (三角葉陵齒蕨)

*Lindsaea orbiculata* (Lam.) Mett. ex Kuhn var. *orbiculata* 圓葉鱗始蕨 (圓葉陵齒蕨)

*Lindsaea orbiculata* (Lam.) Mett. ex Kuhn var. *recedens* (Ching) W.C. Shieh 闊片圓葉鱗始蕨 (闊片陵齒蕨)

*Lindsaea securifolia* C. Presl var. *kusukusensis* (Hayata) W. C. Shieh 方柄鱗始蕨 (方柄陵齒蕨)

*Sphenomeris biflora* (Kaulf.) Tagawa 闊片烏蕨

*Sphenomeris chusana* (L.) Copel. 烏蕨

*Tapeinidium gracile* (Bl.) Alderw. 細長達邊蕨 (Kuo, 1985)

*Tapeinidium pinnatum* (Cav.) C. Chr. var. *biserratum* (Blume) W.C. Shieh 二羽達邊蕨

*Tapeinidium pinnatum* (Cav.) C. Chr. var. *pinnatum* 達邊蕨

## 23. Hypolepidaceae 姬蕨科 (Dennstaedtiaceae 碗蕨科)

*Hypolepis altegracillima* Hayata 臺灣姬蕨

*Hypolepis punctata* (Thunb.) Mett. 姬蕨

*Hypolepis tenuifolia* (G. Forst.) Bernh. 細葉姬蕨

## 24. Pteridiaceae 蕨科 (Dennstaedtiaceae 碗蕨科)

*Paesia taiwanensis* W.C. Shieh 臺灣曲軸蕨

*Pteridium aquilinum* (L.) Kuhn ssp. *latiusculum* (Desv.) W.C. Shieh 光蕨 (蕨)

*Pteridium revolutum* (Blume) Nakai 毛蕨 = *Pteridium aquilinum* (L.) Kuhn ssp. *wightianum* (Wall.) W.C. Shieh 巒大蕨

## 25. Pteridaceae 鳳尾蕨科

*Histiopteris incisa* (Thunb.) J. Sm. 栗蕨 (**Dennstaedtiaceae** 碗蕨科)

*Pteris angustipinna* Tagawa 細葉鳳尾蕨

*Pteris bella* Tagawa 長柄鳳尾蕨

*Pteris biaurita* L. 狹眼鳳尾蕨 (弧脈鳳尾蕨)

*Pteris cadieri* H. Christ 二形鳳尾蕨

- Pteris dactylina* Hook. 掌葉鳳尾蕨  
*Pteris deltodon* Baker 岩鳳尾蕨  
*Pteris dispar* Kunze 天草鳳尾蕨  
*Pteris dissitifolia* Baker 大半邊旗  
*Pteris ensiformis* Burm. 箭葉鳳尾蕨  
*Pteris excelsa* Gaud. 溪邊鳳尾蕨 (溪鳳尾蕨)  
*Pteris fauriei* Hieron. 傅氏鳳尾蕨  
*Pteris formosana* Baker 臺灣鳳尾蕨  
*Pteris grevilleana* Wall. ex Agardh 翅柄鳳尾蕨  
*Pteris kidoi* Kurata 城戶鳳尾蕨 (城戶氏鳳尾蕨)  
*Pteris linearis* Poir. 三角眼鳳尾蕨 (三角脈鳳尾蕨)  
*Pteris longipes* D. Don 三軸鳳尾蕨 (蓬萊鳳尾蕨)  
*Pteris longipinna* Hayata 長葉鳳尾蕨  
*Pteris multifida* Poir. 井欄邊草 (鳳尾蕨)  
*Pteris nervosa* Thunb. 鳳尾蕨 = *Pteris cretica* L. (大葉鳳尾蕨)  
*Pteris nipponica* W.C. Shieh 日本鳳尾蕨  
*Pteris pellucidifolia* Hayata 闊葉鳳尾蕨  
*Pteris ryukyuensis* Tagawa 琉球鳳尾蕨 (Kuo, 1997)  
*Pteris scabristipes* Tagawa 紅柄鳳尾蕨  
*Pteris semipinnata* L. 半邊旗 (半邊羽裂鳳尾蕨)  
*Pteris setulosacostulata* Hayata 有刺鳳尾蕨  
*Pteris tokioi* Masam. 鈴木鳳尾蕨 (鈴木氏鳳尾蕨)  
*Pteris tripartita* Sw. 三叉鳳尾蕨 (三腳鳳尾蕨)  
*Pteris venusta* Kunze 爪哇鳳尾蕨  
*Pteris vittata* L. 蜈蚣鳳尾蕨 (鱗蓋鳳尾蕨)  
*Pteris wallichiana* Agardh 西南鳳尾蕨 (瓦氏鳳尾蕨)  
*Pteris wulaiensis* C.M. Kuo 烏來鳳尾蕨

## 26. Acrostichaceae 鹵蕨科 (Adiantaceae 鐵線蕨科)

*Acrostichum aureum* L. 鹵蕨

## 27. Sinopteridaceae 中國蕨科 (Pteridaceae 鳳尾蕨科)

- Aleuritopteris argentea* (Gmel.) Fée 銀粉背蕨 = *Cheilanthes argentea* (Gmel.) Kunze 長柄粉背蕨  
*Aleuritopteris doniana* S.K. Wu 無蓋粉背蕨 = *Cheilanthes dealbata* D. Don 臺灣粉背蕨 (Kuo, 1985)  
*Aleuritopteris formosana* (Hayata) Tagawa 臺灣粉背蕨 = *Cheilanthes farinosa* (Forsk.) Kaulf. 深山粉背蕨  
*Aleuritopteris krameri* (Franch. & Sav.) Ching 克氏粉背蕨 = *Cheilanthes mexicana* Fée 粉背蕨 (Kuo, 1997)  
*Aleuritopteris subargentea* Ching & S. K. Wu 假銀粉背蕨 = *Cheilanthes subargentea* (Ching

- & S. K. Wu) C.M. Kuo 亞長柄粉背蕨 (擬長柄粉背蕨) (Kuo, 1985)  
*Cheilosoria chusana* (Hook.) Ching & K. H. Shing 毛軸碎米蕨 = *Cheilanthes chusana*  
 Hook. 細葉碎米蕨  
*Cheilosoria tenuifolia* (Burm.) Trev. 薄葉碎米蕨 = *Cheilanthes tenuifolia* (Burm.) Sw.  
*Cryptogramma brunoniana* Wall. ex Hook. & Grev. 高山珠蕨  
*Cryptogramma stelleri* (Gmel.) Prantl 疏葉珠蕨  
*Doryopteris concolor* (Langsd. & Fisch.) Kuhn 黑心蕨  
*Notholaena hirsuta* (Poir) Desv. 隱囊蕨 = *Cheilanthes hirsuta* (Poir.) Mett. 毛碎米蕨  
*Onychium contiguum* (Wall.) C. Hope 高山金粉蕨  
*Onychium japonicum* (Thunb.) Kunze 日本金粉蕨  
*Onychium siliculosum* (Desv.) C. Chr. 金粉蕨  
*Pellaea nitidula* (Hook.) Baker 早蕨 = *Mildella henryi* (H. Christ) C.C. Hall. & Lell. 亨利  
 氏擬早蕨

### 28. Adiantaceae 鐵線蕨科

- Adiantum capillusjunonis* Rupr. 團羽鐵線蕨  
*Adiantum capillusveneris* L. 鐵線蕨  
*Adiantum caudatum* L. 鞭葉鐵線蕨  
*Adiantum diaphanum* Blume 長尾鐵線蕨  
*Adiantum edgeworthii* Hook. 普通鐵線蕨 (愛氏鐵線蕨)  
*Adiantum flabellulatum* L. 扇葉鐵線蕨  
*Adiantum formosanum* Tagawa 深山鐵線蕨  
*Adiantum hispidulum* Sw. 毛葉鐵線蕨  
*Adiantum malesianum* J. Ghatak 馬來鐵線蕨  
*Adiantum monochlamys* D.C. Eaton 單蓋鐵線蕨 (石長生)  
*Adiantum myriosorum* Baker 灰背鐵線蕨  
*Adiantum philippense* L. 半月鐵線蕨 (半月形鐵線蕨)  
*Adiantum roborowskii* Maxim. var. *taiwanianum* (Tagawa) W.C. Shieh 臺灣高山鐵線蕨  
*Adiantum soboliferum* Wall. ex Hook. 翅柄鐵線蕨

### 29. Parkeriaceae 水蕨科

- Ceratopteris thalictroides* (L.) Brongn. 水蕨

### 30. Hemionitidaceae 裸子蕨科 (Adiantaceae 鐵線蕨科)

- Anogramma leptophylla* (L.) Link 翠蕨  
*Coniogramme fraxinea* (D. Don) Diels 全緣鳳了蕨  
*Coniogramme intermedia* Hieron. 華鳳了蕨  
*Coniogramme japonica* (Thunb.) Diels 日本鳳了蕨  
*Coniogramme procera* Wall. ex Fée 高山鳳了蕨  
*Hemionitis arifolia* (Burm.) T. Moore 澤瀉蕨  
*Paragymnopteris vestita* (Wall. ex Hook.) K.H. Shing 金毛裸蕨 = *Gymnopteris vestita*  
 (Wall. ex Hook.) Underw.

*Pityrogramma calomelanos* (L.) Link. 粉葉蕨

### 31. Antrophyaceae 車前蕨科 (Vittariaceae 書帶蕨科)

*Antrophyum formosanum* Heron. 臺灣車前蕨

*Antrophyum obovatum* Baker 車前蕨

*Antrophyum parvulum* Blume 無柄車前蕨

*Antrophyum sessilifolium* (Cav.) Spring. 蘭嶼車前蕨

### 32. Vittariaceae 書帶蕨科

*Monogramma paradoxa* (Fée) Bedd. 連孢一條線蕨 = *Vaginularia paradoxa* (Fée) Mett.

*Vaginularia trichoidea* (J. Sm. ex Hook.) Fée 針葉蕨 (一條線蕨)

*Vittaria angusteelongata* Hayata 姬書帶蕨

*Vittaria elongata* Sw. 唇邊書帶蕨 = *Vittaria zosterifolia* Willd. 垂葉書帶蕨

*Vittaria flexuosa* Fée 書帶蕨

*Vittaria taeniophylla* Copel. 廣葉書帶蕨

### 33. Athyriaceae 蹄蓋蕨科

*Acystopteris japonica* (Luerss.) Nakai 亮毛蕨 = *Cystopteris japonica* Luerss. 毛冷蕨

*Acystopteris taiwaniana* (Tagawa) Love & Love 臺灣亮毛蕨

*Acystopteris tenuisecta* (Blume) Tagawa 禾稈亮毛蕨 = *Cystopteris tenuisecta* (Blume) Mett.  
(粗柄毛冷蕨)

*Allantodia amamiana* (Tagawa) W.M. Chu 俺美短腸蕨 = *Diplazium amamianum* Tagawa  
俺美雙蓋蕨

*Allantodia aspera* (Blume) Ching 粗糙短腸蕨 = *Diplazium asperum* Blume 粗柄雙蓋蕨

*Allantodia chinense* (Baker) Ching 中華短腸蕨 = *Diplazium chinense* (Baker) C. Chr. 中華  
雙蓋蕨

*Allantodia dilatata* (Blume) Ching 毛柄(膨大)短腸蕨 = *Diplazium dilatatum* Blume 廣葉  
鋸齒雙蓋蕨

*Allantodia doederleinii* (Luerss.) Ching 光腳短腸蕨 = *Diplazium doederleinii* (Luerss.)  
Makino 德氏雙蓋蕨

*Allantodia incompta* (Tagawa) Ching 疏裂短腸蕨 = *Diplazium incomptum* Tagawa 翅柄雙  
蓋蕨

*Allantodia kappanensis* (Tagawa) Ching 臺灣短腸蕨 = *Diplazium taiwanense* Tagawa 臺灣  
雙蓋蕨 = *Diplazium kappanensis* Hayata 角板山雙蓋蕨 (Kuo, 1997)

*Allantodia kawakamii* (Hayata) Ching 柄鱗短腸蕨 = *Diplazium kawakamii* Hayata 川上氏  
雙蓋蕨

*Allantodia laxifrons* (Rosenst.) Ching 異裂短腸蕨 = *Diplazium laxifrons* Rosenst. 疏葉雙  
蓋蕨 (Kuo, 1997) (Wang et al., 1999)

*Allantodia megaphylla* (Baker) Ching 大羽短腸蕨 = *Diplazium megaphyllum* (Baker) H.  
Christ 大葉雙蓋蕨

*Allantodia metteniana* (Miq.) Ching 江南短腸蕨 = *Diplazium mettenianum* (Miq.) C. Chr.

## 深山雙蓋蕨

*Allantodia okudairai* (Makino) Ching 假耳羽短腸蕨 = *Diplazium okudairae* Makino 假耳羽雙蓋蕨 (Kuo, 1997)

*Allantodia petri* (Tard.-Blot) Ching 假鎌羽短腸蕨 = *Diplazium petri* Tard.-Blot 廣葉深山雙蓋蕨

*Allantodia squamigera* (Mett.) Ching 鱗柄短腸蕨 = *Diplazium squamigerum* (Mett.) Matsum. 長苞雙蓋蕨

*Allantodia virescens* (Kunze) Ching 淡綠短腸蕨 = *Diplazium virescens* Kunze 刺柄雙蓋蕨

*Allantodia viridissima* (H. Christ) Ching 深綠短腸蕨 = *Diplazium pseudodoederleinii* Hayata 擬德氏雙蓋蕨

*Allantodia wichurae* (Mett.) Ching 耳羽短腸蕨 = *Diplazium wichurae* (Mett.) Diels 鋸齒雙蓋蕨

*Athyriopsis japonicum* (Thunb.) Ching 假蹄蓋蕨 = *Athyrium japonicum* (Thunb.) Copel. 東洋蹄蓋蕨

*Athyrium anisopterum* H. Christ 宿蹄蓋蕨

*Athyrium arisanense* (Hayata) Tagawa 阿里山蹄蓋蕨

*Athyrium cryptogrammoides* Hayata 合歡山蹄蓋蕨

*Athyrium drepanopterum* (Kunze) A. Br. ex Milde 細裂蹄蓋蕨

*Athyrium epirachis* (H. Christ) Ching 軸果蹄蓋蕨

*Athyrium erythropodum* Hayata 紅柄蹄蓋蕨

*Athyrium foliolosum* T. Moore ex R. Sim 大蓋蹄蓋蕨 (薄葉蹄蓋蕨) (Kuo, 1985)

*Athyrium iseanum* Rosenst. 細柄蹄蓋蕨 (細葉蹄蓋蕨)

*Athyrium leiopodum* (Hayata) Tagawa 小葉蹄蓋蕨 (Kuo, 1997)

*Athyrium nakanoi* Makino 紅苞蹄蓋蕨

*Athyrium nigripes* (Blume) T. Moore 黑足蹄蓋蕨 = *Athyrium tozanense* (Hayata) Hayata 蓬萊蹄蓋蕨

*Athyrium nipponicum* (Mett.) Hance 華東蹄蓋蕨 (日本蹄蓋蕨)

*Athyrium oppositipinnum* Hayata 對生蹄蓋蕨

*Athyrium x pseudocryptogrammoides* Yoshik. 擬合歡蹄蓋蕨 (Kuo, 1997)

*Athyrium x purpurascens* (Tagawa) Sa. Kurata 紫柄蹄蓋蕨 (Kuo, 1997)

*Athyrium reflexipinnum* Hayata 逆葉蹄蓋蕨

*Athyrium silvicolum* Tagawa 林下蹄蓋蕨 (高山蹄蓋蕨) = *Athyrium auriculatum* Seriz 耳垂蹄蓋蕨 (Kuo, 1997)

*Athyrium strigillosum* (T. Moore ex Lowe) Salomon 針狀軟刺蹄蓋蕨 (生芽蹄蓋蕨)

*Athyrium subrigescens* (Hayata) Hayata ex H. Ito 姬蹄蓋蕨

*Athyrium vidalii* (Franch. & Sav.) Nakai 尖頭蹄蓋蕨 (山蹄蓋蕨)

*Callipteris esculenta* (Retz.) J. Sm. ex T. Moore & Houlst. 菜蕨 = *Diplazium esculentum* (Retz.) Sw. 過溝菜蕨

*Cornopteris decurrentialatum* (Hook.) Nakai 角蕨 (貞蕨)

*Cornopteris banahaoensis* (C. Chr.) K. Iwats. & Price 溪生角蕨 = *Cornopteris fluvialis* (Hayata) Tagawa (大葉貞蕨)

- Cornopteris opaca* (D. Don) Tagawa 黑葉角蕨 (黑葉貞蕨) (Kuo, 1985)  
*Cornopteris philippinensis* M. Kato 菲律賓角蕨 (菲律賓貞蕨) (Kuo, 1985)  
*Cystopteris fragilis* (L.) Bernh. 冷蕨  
*Cystopteris moupinensis* Franch. 寬葉冷蕨  
*Dictyodroma formosanum* (Rosenst.) Ching 全緣網蕨 = *Diplazium formosanum* Rosenst. 網脈雙蓋蕨  
*Diplaziopsis javanica* (Blume) C. Chr. 腸蕨  
*Diplazium agyokuense* Tagawa 阿玉雙蓋蕨 (Kuo, 1997)  
*Diplazium donianum* (Mett.) Tard.-Blot 雙蓋蕨 (細柄雙蓋蕨)  
*Diplazium lobatum* (Tagawa) Tagawa 裂葉雙蓋蕨  
*Diplazium subsinuatum* (Wall. ex Hook. & Grev.) Tagawa 單葉雙蓋蕨  
*Diplazium tomitaroanum* Masam. 羽裂雙蓋蕨 = *Diplazium subsinuatum* (Wall. ex Hook. & Grev.) Tagawa 單葉雙蓋蕨  
*Dryoathyrium boryanum* (Willd.) Ching 介蕨 = *Athyrium boryanum* (Willd.) Tagawa 波氏蹄蓋蕨  
*Dryoathyrium unifurcatum* (Baker) Ching 峨眉介蕨 = *Athyrium unifurcatum* (Baker) C. Chr. 擬大蹄蓋蕨  
*Gymnocarpium oyamense* (Baker) Ching 羽節蕨  
*Gymnocarpium remotepinnatum* (Hayata) Ching 細裂羽節蕨  
*Lunathyrium pycnosorum* (H. Christ) Koidz. 東北峨眉蕨 = *Athyrium pycnosorum* H. Christ 深山蹄蓋蕨  
*Monmelangium pullingeri* (Baker) Tagawa 毛子蕨 = *Diplazium pullingeri* (Baker) J. Sm. 樸氏雙蓋蕨  
*Pseudocystopteris atkinsonii* (Bedd.) Ching 大葉假冷蕨 = *Athyrium atkinsonii* Bedd. 亞德氏蹄蓋蕨  
*Rhachidosorus pulcher* (Tagawa) Ching 臺灣軸果蕨 = *Athyrium fragile* Tard.-Blot 花蓮蹄蓋蕨

### 34. Hypodematiaceae 腫足蕨科 (Aspidiaceae 三叉蕨科)

*Hypodematium crenatum* (Forsk.) Kuhn 腫足蕨

### 35. Thelypteridaceae 金星蕨科

*Ampelopteris prolifera* (Retz.) Copel. 星毛蕨

*Cyclogramma auriculata* (J. Sm.) Ching 耳羽鉤毛蕨 = *Thelypteris auriculata* (J. Sm.) K. Iwats. 截葉金星蕨

*Cyclogramma omeiensis* (Baker) Tagawa 峨眉鉤毛蕨 = *Thelypteris omeiensis* (Baker) Ching 擬茯蕨

*Cyclosorus acuminatus* (Houtt.) Nakai var. *acuminatoides* W.C. Shieh & J.L. Tsai 賽毛蕨

*Cyclosorus acuminatus* (Houtt.) Nakai var. *acuminatus* 漸尖毛蕨 (毛蕨)

*Cyclosorus acuminatus* (Houtt.) Nakai var. *kuliangensis* Ching 突尖毛蕨

*Cyclosorus aridus* (D. Don) Ching 乾旱毛蕨 (擬毛蕨)

- Cyclosorus dentatus* (Forsk.) Ching 齒牙毛蕨 (野毛蕨)  
*Cyclosorus ensifer* (Tagawa) W.C. Shieh 微縮毛蕨 (廣葉毛蕨)  
*Cyclosorus intermedius* W.C. Shieh & J.L. Tsia 擬密毛毛蕨  
*Cyclosorus interruptus* (Wild.) H. Ito 毛蕨 (鐵毛蕨)  
*Cyclosorus latipinna* (Benth.) Tardieu 微縮小毛蕨 (Kuo, 1997)  
*Cyclosorus molliusculus* (Wall. ex Kuhn) Ching 美麗毛蕨 (Shing *et al.*, 1999)  
*Cyclosorus papilio* (C. Hope) Ching 蝶羽毛蕨 (薄葉梳毛蕨)  
*Cyclosorus parasiticus* (L.) Farw. 華南毛蕨 (密毛毛蕨)  
*Cyclosorus procurrens* (Mett.) Ching 無腺毛蕨  
*Cyclosorus productus* (Kaulf.) Ching 蘭嶼大葉毛蕨 = *Cyclosorus kotoensis* (Hayata) W.C. Shieh  
*Cyclosorus subpubescens* (Blume) Ching 密腺毛蕨 (梳毛蕨)  
*Cyclosorus taiwanensis* (C. Chr.) H. Ito 臺灣毛蕨  
*Cyclosorus terminans* (Hook.) K.H. Shing 頂育毛蕨 (Shing *et al.*, 1999)  
*Cyclosorus truncates* (Poir.) Farw. 截裂毛蕨 (大葉毛蕨)  
*Dictyocline griffithii* T. Moore var. *griffithii* 聖蕨  
*Dictyocline griffithii* T. Moore var. *wilfordii* (Hook.) T. Moore 威氏聖蕨  
*Glaphyopteridopsis erubescens* (Wall. ex Hook.) Ching 方稈蕨 = *Thelypteris erubescens* (Wall. ex Hook.) Ching 大葉金星蕨  
*Leptogramma pozoi* (Lag.) Ching 毛葉茯蕨 (非洲茯蕨)  
*Leptogramma tottoides* H. Ito 尾葉茯蕨  
*Macrothelypteris polypodioides* (Hook.) Holtt. 杪樞針毛蕨 = *Thelypteris ornata* (Wall. ex Bedd.) Ching 刺柄金星蕨  
*Macrothelypteris setigera* (Blume) Ching 剛鱗針毛蕨 (Shing *et al.*, 1999)  
*Macrothelypteris torresiana* (Gaud.) Ching 普通針毛蕨 = *Thelypteris torresiana* (Gaud.) Alston 粗毛金星蕨  
*Metathelypteris adscendens* (Ching) Ching 微毛凸軸蕨  
*Metathelypteris gracilescens* (Blume) Ching 光葉凸軸蕨  
*Metathelypteris laxa* (Franch. & Sav.) Ching 凸軸蕨 = *Thelypteris laxa* (Franch. & Sav.) Ching 柔葉金星蕨  
*Metathelypteris uraiensis* (Rosenst.) Ching 烏來凸軸蕨 = *Thelypteris uraiensis* (Rosenst.) Ching 烏來金星蕨  
*Parathelypteris angulariloba* (Ching) Ching 鈍頭金星蕨 (鈍頭副金星蕨)  
*Parathelypteris angustifrons* (Miq.) Ching 狹葉金星蕨 (小梯葉副金星蕨)  
*Parathelypteris beddomei* (Baker) Ching 長根金星蕨 (縮羽副金星蕨)  
*Parathelypteris castanea* (Tagawa) Ching 栗柄金星蕨 (栗柄副金星蕨)  
*Parathelypteris glanduligera* (Kunze) Ching 金星蕨 (密腺副金星蕨)  
*Phegopteris connectilis* (Michx.) Watt. 長柄卵果蕨 (長柄假金星蕨)  
*Phegopteris decursivopinnata* (van Hall) Fée 延羽卵果蕨 (翅軸假金星蕨)  
*Pronephrium cuspidatum* (Blume) Holtt. 頂芽新月蕨  
*Pronephrium gymnopteridifrons* (Hayata) Holtt. 大羽新月蕨 = *Pronephrium aspera* (C.

Presl) W.C. Shieh & J.L. Tsai

*Pronephrium insularis* (K. Iwats.) Holtt. 變葉新月蕨

*Pronephrium longipetiolatum* (K. Iwats.) Holtt. 長柄新月蕨

*Pronephrium simplex* (Hook.) Holtt. 單葉新月蕨

*Pronephrium triphyllum* (Sw.) Holtt. var. *parishii* (Bedd.) C.M. Kuo 羽葉新月蕨

*Pronephrium triphyllum* (Sw.) Holtt. var. *triphyllum* 三葉新月蕨 (新月蕨)

*Pseudocyclosorus esquirolii* (H. Christ) Ching 西南假毛蕨 = *Thelypteris esquirolii* (H. Christ) Ching 斜葉金星蕨

*Pseudocyclosorus tylodes* (Kunze) Ching 假毛蕨 = *Thelypteris tylodes* (Kunze) Ching (Kuo, 1985)

*Pseudophegopteris aurita* (Hook.) Ching 耳羽紫柄蕨 (Kuo, 1997)

*Pseudophegopteris pyrhorachis* (Kunze) Ching 毛囊紫柄蕨 = *Pseudophegopteris padulosa* (Blume) Ching

*Pseudophegopteris subaurita* (Tagawa) Ching 光囊紫柄蕨

*Stegnogramma dictyoclinoides* Ching 溪邊蕨

*Thelypteris x erubescirollica* W.C. Shieh & J.L. Tsai 大斜金星蕨

### 36. Aspleniaceae 鐵角蕨科

*Asplenium adiantumnigrum* L. 深山鐵角蕨

*Asplenium apogamum* N. Murak. & Hatan. 無配鐵角蕨 (Kuo, 1997)

*Asplenium bullatum* Wall. ex Mett. 鐵角蕨 (大鐵角蕨)

*Asplenium capillipes* Makino 小葉鐵角蕨 (姬鐵角蕨)

*Asplenium cheilosorum* Kunze ex Mett. 齒果鐵角蕨 (薄葉孔雀鐵角蕨)

*Asplenium coenobiale* Hance 細葉鐵角蕨 = *Asplenium pulcherrimum* (Baker) Ching ex Tard.-Blot

*Asplenium cuneatiforme* H. Christ 大蓬萊鐵角蕨

*Asplenium davallioides* Hook. 骨碎補葉鐵角蕨 = *Asplenium ritoense* Hayata 尖葉鐵角蕨

*Asplenium ensiforme* Wall. ex Hook. & Grev. f. *bicuspe* (Hayata) Ching 叉裂鐵角蕨

*Asplenium ensiforme* Wall. ex Hook. & Grev. f. *ensiforme* 劍葉鐵角蕨

*Asplenium excisum* C. Presl 切邊鐵角蕨 (剪葉鐵角蕨)

*Asplenium falcatum* Lam. 革葉鐵角蕨 = *Asplenium adiantoides* (L.) C. Chr.

*Asplenium filipes* Copel. 複齒鐵角蕨 (Kuo, 1997)

*Asplenium formosae* H. Christ 南海鐵角蕨

*Asplenium griffithianum* Hook. 厚葉鐵角蕨 (叢葉鐵角蕨)

*Asplenium incisum* Thunb. 縮羽鐵角蕨

*Asplenium laciniatum* D. Don 撕裂鐵角蕨 (鱗柄鐵角蕨)

*Asplenium lobulatum* Mett. ex Kuhn 裂葉鐵角蕨 (Kuo, 1997)

*Asplenium matsumurae* Christ 蘭嶼鐵角蕨 = *Asplenium serricula* Fée (Wu, 1999)

*Asplenium neolaserpitiifolium* Tard.-Blot & Ching 大黑柄鐵角蕨

*Asplenium normale* D. Don 倒掛鐵角蕨 (生芽鐵角蕨)

*Asplenium obscurum* Blume 綠柄鐵角蕨 (綠柄剪葉鐵角蕨)

*Asplenium oldhami* Hance 小葉鐵角蕨 (俄氏鐵角蕨)

- Asplenium pekinense* Hance 北京鐵角蕨  
*Asplenium planicaule* Wall. ex Hook. 斜葉鐵角蕨  
*Asplenium prolongatum* Hook. 長生鐵角蕨  
*Asplenium pseudolaserpitiifolium* Ching 假大葉鐵角蕨 (黑鱗鐵角蕨) (Kuo, 1997)  
*Asplenium rutamuraria* L. 銀杏葉鐵角蕨  
*Asplenium septentrionale* (L.) Hoffm. 線葉鐵角蕨  
*Asplenium shikokianum* Makino 四國鐵角蕨  
*Asplenium subnormale* Copel. 小鐵角蕨 (Kuo, 1997)  
*Asplenium tenerum* G. Forst. 鈍齒鐵角蕨  
*Asplenium tenuicalule* Hayata 細莖鐵角蕨 (小葉鐵角蕨)  
*Asplenium tenuifolium* D. Don 薄葉鐵角蕨  
*Asplenium tenuissimum* Hayata 新竹鐵角蕨  
*Asplenium trichomanes* L. 鐵角蕨  
*Asplenium tripteropus* Nakai 三翅鐵角蕨  
*Asplenium unilaterale* Lam. 半邊鐵角蕨 (單邊鐵角蕨)  
*Asplenium viride* Hudson 綠柄鐵角蕨  
*Asplenium x wangii* C.M. Kuo 王氏鐵角蕨 (Kuo, 1997)  
*Asplenium wrightii* D.C. Eaton ex Hook. 狹翅鐵角蕨 (萊氏鐵角蕨)  
*Asplenium yunnanense* Franch. 雲南鐵角蕨  
*Neottopteris antiqua* (Makino) Masam. 大鱗巢蕨 = *Asplenium antiquum* Makino 山蘇花  
*Neottopteris australasica* J. Sm. 南洋巢蕨 (南洋山蘇花)  
*Neottopteris nidus* (L.) J. Sm. 巢蕨 = *Asplenium nidus* L. 臺灣山蘇花  
*Phyllitis scolopendrium* (L.) Newm = *Asplenium scolopendrium* L. 對開蕨 (Kuo, 1997)

### 37. Onocleaceae 球子蕨科

- Matteuccia orientalis* (Hook.) Trev. 東方莢果蕨

### 38. Blechnaceae 烏毛蕨科

- Blechnidium melanopus* (Hook.) T. Moore 烏木蕨 = *Blechnum melanopus* Hook. 雉尾烏毛蕨  
*Blechnum orientale* L. 烏毛蕨  
*Brainea insignis* (Hook.) J. Sm. 蘇鐵蕨  
*Chieniopteris harlandii* (Hook.) Ching 崇澗蕨 = *Woodwardia harlandii* Hook. 哈氏狗脊蕨  
*Chieniopteris kempii* (Copel.) Ching 羽裂崇澗蕨 = *Woodwardia kempii* Copel. 細葉狗脊蕨  
*Diploblechnum fraseri* (A. Cunn.) DeVol 掃把蕨 (假杪樺)  
*Struthiopteris eburnean* (H. Christ) Ching var. *obtuse* (Tagawa) Tagawa 莢果蕨 (天長羅曼蕨)  
*Struthiopteris hancockii* (Hance) Tagawa 寬葉莢果蕨 (韓氏羅曼蕨)  
*Woodwardia japonica* (L. f.) Sm. 狗脊蕨 (日本狗脊蕨)  
*Woodwardia orientalis* Sw. 東方狗脊蕨 (無珠芽) = *Woodwardia orientalis* Sw. var. *formosana* Rosenst. 臺灣狗脊蕨

*Woodwardia prolifera* Hook. 珠芽狗脊蕨 = *Woodwardia orientalis* Sw. var. *formosana* Rosenst. 臺灣狗脊蕨

*Woodwardia unigemmata* (Makino) Nakai 單芽狗脊蕨 (生芽狗脊蕨)

### 39. Woodsiaceae 岩蕨科 (Athyraceae 蹄蓋蕨科)

*Woodsia okamotoi* Tagawa 岡本氏岩蕨

*Woodsia polystichoides* D.C. Eaton 岩蕨

### 40. Peranemaceae 球蓋蕨科 (Dryopteridaceae 鱗毛蕨科)

*Acrophorus stipellatus* (Wall.) T. Moore 魚鱗蕨

*Diacalpe aspidioides* Blume 紅腺蕨

*Peranema cyatheoides* D. Don 柄囊蕨

### 41. Dryopteridaceae 鱗毛蕨科

*Acrorumohra diffracta* (Baker) H. Ito 灣弓假複葉耳蕨 (彎柄假複葉耳蕨)

*Acrorumohra hasseltii* (Blume) Ching 草質假複葉耳蕨 (哈氏假複葉耳蕨)

*Acrorumohra subreflexipinna* (Ogata) H. Ito 微彎假複葉耳蕨

*Arachniodes aristata* (G. Forst.) Tindle 細葉複葉耳蕨

*Arachniodes festina* (Hance) Ching 華南複葉耳蕨 (臺灣兩面複葉耳蕨)

*Arachniodes globisora* (Hayata) Ching 臺灣複葉耳蕨

*Arachniodes nigrospinosa* (Ching) Ching 黑鱗複葉耳蕨

*Arachniodes pseudoaristata* (Tagawa) Ohwi 華東複葉耳蕨 (小葉複葉耳蕨)

*Arachniodes rhomboides* (Wall.) Ching var. *rhomboids* 斜方複葉耳蕨

*Arachniodes rhomboides* (Wall.) Ching var. *yakusimensis* (H. Ito) W.C. Shieh 屋久複葉耳蕨

*Cyrtogonellum fraxinellum* (H. Christ) Ching 柳葉蕨

*Cyrtomidictyum lepidocaulon* (Hook.) Ching 鞭葉蕨 = *Polystichum lepidocaulon* (Hook.) J. Sm. 鞭葉耳蕨

*Cyrtomium caryotideum* (Wall.) C. Presl 刺齒貫眾 (細齒貫眾蕨)

*Cyrtomium falcatum* (L.f.) C. Presl 全緣貫眾 (全緣貫眾蕨)

*Cyrtomium hookerianum* (C. Presl) C. Chr. 尖葉貫眾 (狹葉貫眾蕨)

*Cyrtomium macrophyllum* (Makino) Tagawa var. *acuminatum* (Diels) Tagawa 尖頂貫眾 (尖葉貫眾蕨)

*Cyrtomium taiwanense* Tagawa 臺灣貫眾 (臺灣貫眾蕨)

*Dryopteris acutodentata* Ching 尖齒鱗毛蕨 (Kuo, 1985)

*Dryopteris alpestris* Tagawa 腺鱗毛蕨

*Dryopteris atrata* (Wall. ex Kunze) Ching 暗鱗毛蕨 (杪擢鱗毛蕨) (Hsieh et al., 2000)

*Dryopteris barbiger* (T. Moore ex Hook.) Kuntze 多鱗毛蕨 (密毛鱗毛蕨)

*Dryopteris chrysocoma* (H. Christ) C. Chr. 金冠鱗毛蕨 (擬岩蕨)

*Dryopteris cycadina* (Franch. & Sav.) C. Chr. 杪擢鱗毛蕨 (Hsieh et al., 2000)

*Dryopteris decipiens* (Hook.) Kuntze 迷人鱗毛蕨 (Chang et al., 2003)

*Dryopteris dickinsii* (Franch. & Sav.) C. Chr. 遠軸鱗毛蕨 (Hsieh et al., 2000)

- Dryopteris enneaphylla* (Baker) C. Chr. var. *enneaphylla* 宜昌鱗毛蕨 (頂羽鱗毛蕨)  
*Dryopteris enneaphylla* (Baker) C. Chr. var. *pseudosieboldii* (Hayata) Tagawa & K. Iwats. 大宜昌鱗毛蕨 (大頂羽鱗毛蕨)  
*Dryopteris expansa* (C. Presl) Fraser-Jenkins & Jermy 廣布鱗毛蕨 = *Dryopteris austriaca* (Jacq.) Waynar ex Schinz & Thell. 闊葉鱗毛蕨  
*Dryopteris formosana* (H. Christ) C. Chr. 臺灣鱗毛蕨  
*Dryopteris fructuosa* (H. Christ) C. Chr. 豐產鱗毛蕨 = *Dryopteris hypophlebia* Hayata 深山鱗毛蕨  
*Dryopteris huangshanensis* Ching 黃山鱗毛蕨  
*Dryopteris komarovii* Kosshinsky 近多鱗毛蕨 = *Dryopteris subbarbigera* Ching (Kuo, 1985)  
*Dryopteris labordei* (H. Christ) C. Chr. 疏葉鱗毛蕨  
*Dryopteris lacera* (Thunb.) Kuntze 狹頂鱗毛蕨 (二型鱗毛蕨)  
*Dryopteris lachoongensis* (Bedd.) B.K. Nayar & Kaur 脈紋鱗毛蕨 (Kuo, 1985)  
*Dryopteris latibasis* Ching 闊基鱗毛蕨  
*Dryopteris lepidopoda* Hayata 黑鱗毛蕨 (厚葉鱗毛蕨)  
*Dryopteris marginata* (Wall. ex Clarke) H. Christ 邊緣鱗毛蕨 (三角葉鱗毛蕨)  
*Dryopteris namegata* (Kurata) Kurata 黑鱗遠軸鱗毛蕨 (Kuo, 1985)  
*Dryopteris panda* (Clarke) H. Christ 大果鱗毛蕨 = *Dryopteris bonatiana* (Brause) Fraser-Jenkins = *Dryopteris costalisora* Tagawa 能高鱗毛蕨  
*Dryopteris polita* Rosenst. 台東鱗毛蕨  
*Dryopteris redactopinnata* S.K. Basu & Panigr. 藏布鱗毛蕨  
*Dryopteris reflexosquamata* Hayata 倒鱗毛蕨 (逆鱗毛蕨)  
*Dryopteris scottii* (Bedd.) Ching 無蓋鱗毛蕨 (史氏鱗毛蕨)  
*Dryopteris serratodentata* (Bedd.) Hayata 刺尖鱗毛蕨 (鋸齒葉鱗毛蕨)  
*Dryopteris sinofibrillosa* Ching 纖維鱗毛蕨 = *Dryopteris fibrillosa* (Clarke) Hand.-Mazz. 密鱗毛蕨  
*Dryopteris sordidipes* Tagawa 落鱗毛蕨  
*Dryopteris sparsa* (Buch.-Ham. ex D. Don) Kuntze 稀羽鱗毛蕨 (長葉鱗毛蕨)  
*Dryopteris stenolepis* (Baker) C. Chr. 狹鱗毛蕨 (Kuo, 1985)  
*Dryopteris subatrata* Tagawa 擬杪櫛鱗毛蕨 (Kuo, 1985)  
*Dryopteris subexaltata* (H. Christ) C. Chr. 早田氏鱗毛蕨  
*Dryopteris subintegriloba* Seriz. 蓬萊鱗毛蕨  
*Dryopteris subtriangularis* (Hope) C. Chr. 三角鱗毛蕨 = *Dryopteris uropinna* Price (Kuo, 1985)  
*Dryopteris tenuipes* (Rosenst.) Serizawa 落葉鱗毛蕨  
*Dryopteris toyamae* Tagawa 裂羽鱗毛蕨 (外山氏鱗毛蕨)  
*Dryopteris varia* (L.) Kuntze 變異鱗毛蕨 (南海鱗毛蕨)  
*Dryopteris wallichiana* (Spreng.) Alston & Bonner 大葉鱗毛蕨 (瓦氏鱗毛蕨)  
*Dryopteris woodsii* Hayata 細葉鱗毛蕨 = *Dryopteris chrysocoma* (H. Christ) C. Chr. 擬岩蕨

- Dryopteris yoroi* Serizawa 栗柄鱗毛蕨 = *Acrorumohra yoroi* (Serizawa) W.C. Shieh 玉山假複葉耳蕨
- Leptorumohra quadripinnata* (Hayata) H. Ito 四回毛枝蕨 (毛苞擬複葉耳蕨)
- Nothoperanema hendersonii* (Bedd.) Ching 有蓋肉刺蕨 = *Dryopteris hendersonii* (Bedd.) C. Chr. 小苞鱗毛蕨
- Nothoperanema squamiseta* (Hook.) Ching 肉刺蕨 = *Dryopteris squamiseta* (Hook.) Kuntze 阿里山鱗毛蕨
- Polystichum acanthophyllum* (Franch.) H. Christ 刺葉耳蕨 (針葉耳蕨)
- Polystichum acutidens* H. Christ 尖葉耳蕨 (台東耳蕨)
- Polystichum biaristatum* (Blume) T. Moore 二尖耳蕨
- Polystichum deltodon* (Baker) Diels 對生耳蕨
- Polystichum duthiei* (C. Hope) C. Chr. 杜氏耳蕨
- Polystichum eximium* (Mett. ex Kuhn) C. Chr. 灰綠耳蕨 (阿里山耳蕨)
- Polystichum formosanum* Rosenst. 臺灣耳蕨
- Polystichum hancockii* (Hance) Diels 韓氏耳蕨
- Polystichum hecatopterum* Diels 芒刺耳蕨 (鋸齒葉耳蕨)
- Polystichum inaense* (Tagawa) Tagawa 小耳蕨
- Polystichum kiusiuense* Tagawa 九州耳蕨
- Polystichum lachenense* (Hook.) Bedd. 高山耳蕨
- Polystichum manmeiense* (H. Christ) Nakaike 鑷葉耳蕨
- Polystichum morii* Hayata 玉山耳蕨
- Polystichum neolobatum* Nakai 硬葉耳蕨
- Polystichum nepalense* (Spreng.) C. Chr. 軟骨耳蕨
- Polystichum obliquum* (Don) T. Moore 知本耳蕨
- Polystichum parvipinnulum* Tagawa 小羽耳蕨 (尖葉耳蕨)
- Polystichum piceopaleaceum* Tagawa 黑鱗耳蕨
- Polystichum prescottianum* (Wall. ex Mett.) T. Moore 南湖耳蕨
- Polystichum prionolepis* Hayata 鋸葉耳蕨
- Polystichum stenophyllum* H. Christ 芽胞耳蕨
- Polystichum tacticopterum* (Kunze) T. Moore 南亞耳蕨 (兒玉氏耳蕨)
- Polystichum thomsonii* (Hook.) Bedd. 尾葉耳蕨
- Polystichum tsussimense* (Hook.) J. Sm. 對馬耳蕨 (馬祖耳蕨)
- Polystichum wilsonii* H. Christ 福山耳蕨 (福山氏耳蕨)
- Polystichum xiphophyllum* (Baker) Diels 革葉耳蕨 (關山耳蕨)

#### 42. *Aspidiaceae* 三叉蕨科

- Ctenitis eatoni* (Baker) Ching 直鱗肋毛蕨 (愛德氏肋毛蕨)
- Ctenitis kawakamii* (Hayata) Ching 縮羽肋毛蕨 (川上氏肋毛蕨)
- Ctenitis maximowicziana* (Miq.) Ching 白鱗肋毛蕨
- Ctenitis subglandulosa* (Hance) Ching 亮鱗肋毛蕨 (肋毛蕨)
- Ctenitis transmorrisonensis* (Hayata) Tagawa 玉山肋毛蕨

- Ctenitopsis devexa* (Kunze) Ching & C.H. Wang 毛葉軸脈蕨 = *Tectaria devexa* (Kunze) Copel. 薄葉三叉蕨
- Ctenitopsis dissecta* (G. Forst.) Ching 薄葉軸脈蕨 (薄葉擬肋毛蕨)
- Ctenitopsis fuscipes* (Wall. ex Bedd.) C. Chr. ex Tard.-Blot & C. Chr. 黑鱗軸脈蕨 (屏東擬肋毛蕨)
- Ctenitopsis kusukuensis* (Hayata) C. Chr. ex Tard.-Blot & C. Chr. 臺灣軸脈蕨 (高士佛擬肋毛蕨)
- Dryopsis apiciflora* (Wall. ex Mett.) Holttum & Edwards 頂果軸鱗蕨 = *Ctenitis apiciflora* (Wall. ex Mett.) Ching 頂囊肋毛蕨
- Dryopsis x fauriei* Holttum & P.J. Edwards 傅氏擬鱗毛蕨 (Kuo, 1997)
- Hemigramma decurrens* (Hook.) Copel. 沙皮蕨
- Lastreopsis tenera* (R. Br.) Tindale 臺灣節毛蕨 (金毛蕨)
- Pleocnemia rufinervis* (Hayata) Nakai (Kuo, 1985) 臺灣黃腺羽蕨 = *Pleocnemia cumingiana* C. Presl 黃腺羽蕨
- Pleocnemia submembranacea* (Hayata) Tagawa & K. Iwats. 黃腺羽蕨 (Kuo, 1985)
- Pteridrys cnemidaria* (H. Christ) C. Chr. & Ching 薄葉牙蕨 (長柄牙蕨)
- Quercifilix zeylanica* (Houtt.) Copel. 地耳蕨
- Tectaria coadunata* (Wall. ex Hook. & Grev.) C. Chr. 大齒三叉蕨 (陰地三叉蕨)
- Tectaria decurrens* (C. Presl) Copel. 下延三叉蕨 (翅柄三叉蕨)
- Tectaria griffithii* (Bak.) C. Chr. 克氏三叉蕨 (鱗柄叉蕨) (Kuo, 1985)
- Tectaria fauriei* Tagawa 芽胞三叉蕨 (陰地三叉蕨)
- Tectaria phaeocaulis* (Rosenst.) C. Chr. 條裂三叉蕨 (蛇脈三叉蕨)
- Tectaria polymorpha* (Wall. ex Hook.) Copel. 多形三叉蕨 (南投三叉蕨)
- Tectaria simonsii* (Baker) Ching 燕尾三叉蕨 = *Tectaria kwarensis* (Hayata) C. Chr. 花蓮三叉蕨 = *Tectaria linloensis* Ching & C.H. Wang 毛三叉蕨 (Kuo, 1985)
- Tectaria subfuscipes* (Tagawa) C.M. Kuo 排灣三叉蕨 (Kuo, 1997)
- Tectaria subtriphylla* (Hook. and Arn.) Copel. var. *subtriphylla* 三叉蕨
- Tectaria subtriphylla* (Hook. & Arn.) Copel. var. *ebenosa* (Nakai) Nemoto 紫柄三叉蕨
- Tectaria variolosa* (Wall. ex Hook.) C. Chr. 變葉三叉蕨
- Tectaria yunnanensis* (Baker) Ching 雲南三叉蕨

#### 43. Bolbitidaceae 實蕨科 (Lomariopsidaceae 羅蔓藤蕨科)

- Bolbitis angustipinna* (Hayata) Nakai ex H. Ito 多羽實蕨 = *Bolbitis contaminans* (Wall.) Ching (細葉實蕨)
- Bolbitis heteroclita* (C. Presl) Ching 長葉實蕨 (尾葉實蕨)
- Bolbitis x nanjenensis* C.M. Kuo 南仁實蕨 (Kuo, 1990)
- Bolbitis scalpturata* (Fée) Ching 紅柄實蕨 (Kuo, 1990)
- Bolbitis subcordata* (Copel.) Ching 華南實蕨 (海南實蕨)
- Egenolfia appendiculata* (Willd.) J. Sm. 刺蕨 = *Bolbitis appendiculata* (Willd.) K. Iwats. (Kuo, 1990)
- Egenolfia laxireticulata* (K. Iwats.) C.M. Kuo 網脈刺蕨 = *Bolbitis x laxireticulata* K. Iwats.

疏網實蕨 (Kuo, 1990)

*Egenolfia rhizophylla* (Kaulf.) Fée 大刺蕨 = *Bolbitis rhizophylla* (Kaulf.) Hennisman 大實蕨 (Kuo, 1990)

#### 44. Lomariopsidaceae 藤蕨科 (羅蔓藤蕨科)

*Lomariopsis spectabilis* (Kunze) Mett. 羅蔓藤蕨

#### 45. Elaphoglossaceae 舌蕨科 (Lomariopsidaceae 羅蔓藤蕨科)

*Elaphoglossum angulatum* (Blume) T. Moore 爪哇舌蕨

*Elaphoglossum callifolium* (Blume) T. Moore 銳頭舌蕨

*Elaphoglossum commutatum* Alderw. 大葉舌蕨 (Kuo, 1990)

*Elaphoglossum conforme* (Sw.) Schott 阿里山舌蕨 = *Elaphoglossum marginatum* (Wall. ex Fée) T. Moore 邊緣舌蕨 (垂葉舌蕨) (Wu & Wang, 1999)

*Elaphoglossum lepidopodium* C. Chr. 臺灣舌蕨 (Wu & Wang, 1999)

*Elaphoglossum luzonicum* Copel. 呂宋舌蕨 (臺灣舌蕨) (Kuo, 1990)

*Elaphoglossum pendulifolium* Tagawa 垂葉舌蕨 (Wu & Wang, 1999)

*Elaphoglossum yoshinagae* (Yatabe) Makino 舌蕨

#### 46. Nephrolepidaceae 腎蕨科 (Oleandraceae 蓀蕨科)

*Arthropteris palisotii* (Desv.) Alston 爬樹蕨 (藤蕨)

*Nephrolepis auriculata* (L.) Trimen. 腎蕨

*Nephrolepis biserrata* (Sw.) Schott. 長葉腎蕨

*Nephrolepis hirsutula* (G. Forst.) C. Presl 毛葉腎蕨 = *Nephrolepis multiflora* (Roxb.) F.M. Jarrett & C.V. Morton

#### 47. Oleandraceae 蓀蕨科

*Oleandra wallichii* (Hook.) C. Presl 蓀蕨

#### 48. Davalliaceae 骨碎補科

*Araiostegia perdurans* (H. Christ) Copel. 鱗軸小膜蓋蕨 = *Araiostegia parvipinnata* (Hayata) Copel. 臺灣小膜蓋蕨

*Davallia formosana* Hayata 大葉骨碎補

*Davallia mariesii* T. Moore ex Baker 海州骨碎補

*Davallia solida* (G. Forst.) Sw. 闊葉骨碎補

*Humata chrysanthemifolia* Hayata 阿里山陰石蕨

*Humata griffithiana* (Hook.) C. Chr. 杯狀蓋陰石蕨

*Humata pectinata* (J. Sm.) Desv. 馬來陰石蕨

*Humata repens* (L.f.) Diels 陰石蕨

*Humata trifoliata* Cav. 鱗葉陰石蕨

*Humata vestita* (Blume) T. Moore 熱帶陰石蕨

*Leucostegia immersa* (Wall.) C. Presl 大膜蓋蕨

#### 49. Dipteriaceae 雙扇蕨科

*Dipteris conjugata* Reinw. 雙扇蕨

### 50. Cheiroleuriaceae 燕尾蕨科

*Cheiroleuria bicuspidis* (Blume) C. Presl 燕尾蕨

### 51. Polypodiaceae 水龍骨科

*Arthromeris lehmanni* (Mett.) Ching 節肢蕨

*Belvisia mucronata* (Fée) Copel. 尖嘴蕨

*Colysis hemionitidea* (Wall.) C. Presl 斷線蕨

*Colysis pothifolia* (D. Don) C. Presl 羽裂線蕨 (大線蕨)

*Colysis shintenensis* (Hayata) H. Ito 新店線蕨

*Colysis wrightii* (Hook.) Ching 單葉線蕨 (萊氏線蕨)

*Drymotaenium miyoshianum* Makino 絲帶蕨 (二條線蕨)

*Lemmaphyllum microphyllum* C. Presl 伏石蕨 (抱樹蕨)

*Lepidogrammitis diversa* (Rosenst.) Ching 披針骨牌蕨 = *Lemmaphyllum diversum* (Rosenst.) Tagawa 骨牌蕨

*Lepidomicrosorium buergerianum* (Miq.) Ching & K.H. Shing 鱗果星蕨 = *Microsorium buergerianum* (Miq.) Ching 波氏星蕨 = *Microsorium brachylepis* (Baker) Nakaike (Kuo, 1985)

*Lepisorus clathratus* (C.B. Clarke) Ching 網眼瓦葎

*Lepisorus kawakamii* (Hayata) Tagawa 鱗瓦葎

*Lepisorus kuchenensis* (Y.C. Wu) Ching 瑤山瓦葎

*Lepisorus megasorus* (C. Chr.) Ching 長柄瓦葎

*Lepisorus monilisorus* (Hayata) Tagawa 異葉瓦葎 (擬笈瓦葎)

*Lepisorus morrisonensis* (Hayata) H. Ito 玉山瓦葎

*Lepisorus obscurevenulosus* (Hayata) Ching 粵瓦葎

*Lepisorus pseudoussuriensis* Tagawa 擬烏蘇裏瓦葎

*Lepisorus subligolepidus* Ching 擬鱗瓦葎

*Lepisorus thunbergianus* (Kaulf.) Ching 瓦葎

*Lepisorus tosaensis* (Makino) H. Ito 擬瓦葎

*Leptochilus decurrens* Blume 薄唇蕨 (萊蕨)

*Microsorium carinatum* (W.M. Chu & Z.R. He) S.G. Lu 龍骨星蕨

*Microsorium dilatatum* (Bedd.) Sledge 羽裂星蕨 (箭葉星蕨)

*Microsorium henryi* (H. Christ) C.M. Kuo 江南星蕨 = *Microsorium fortunei* (T. Moore) Ching 大星蕨

*Microsorium membranaceum* (D. Don) Ching 膜葉星蕨

*Microsorium pteropus* (Blume) Copel. 三叉葉星蕨

*Microsorium punctatum* (L.) Copel. 星蕨

*Microsorium steerie* (Harr.) Ching 廣葉星蕨

*Neolepisorus ensatus* (Thunb.) Ching 劍葉盾蕨 = *Neocheiropteris ensata* (Thunb.) Ching 扇蕨

*Phymatopteris echinosporus* (Tagawa) Pic. Serm. 大葉玉山假瘤蕨 = *Crypsinus*

- echinosporus* (Tagawa) Tagawa 大葉玉山蕨  
*Phymatopteris engleri* (Luerss.) Pic. Serm. 恩氏假瘤蕨 = *Crypsinus engleri* (Luerss.) Copel.  
 恩氏蕨  
*Phymatopteris falcato-pinnata* (Hayata) S.G. Lu 鐮羽假瘤蕨 = *Crypsinus taeniatus* (Sw.)  
 Copel. var. *palmatus* (Blume) Tagawa 掌葉蕨  
*Phymatopteris hastatus* (Thunb.) Pic. Serm. 金雞腳假瘤蕨 = *Crypsinus hastatus* (Thunb.)  
 Copel. 三葉蕨  
*Phymatopteris quasidivariatus* (Hayata) Pic. Serm. 玉山假瘤蕨 = *Crypsinus*  
*quasidivariatus* (Hayata) Copel. 玉山蕨  
*Phymatopteris rhynchophylla* (Hook.) Pic. Serm. 喙葉假瘤蕨 = *Crypsinus okamotoi*  
 (Tagawa) Tagawa 岡本氏蕨  
*Phymatopteris taiwanensis* (Tagawa) Tagawa 臺灣假瘤蕨 = *Crypsinus taiwanensis* (Tagawa)  
 Tagawa 臺灣蕨  
*Phymatopteris yakushimensis* (Makino) Tagawa 屋久假瘤蕨 = *Crypsinus yakushimensis*  
 (Makino) Tagawa 姬蕨  
*Phymatosorus longissimus* (Blume) Pic. Serm. 多羽瘤蕨 = *Microsorium rubidium* (Kunze)  
 Copel. 長葉星蕨  
*Phymatosorus membranifolius* (R. Br.) S.G. Lu 顯脈瘤蕨 = *Phymatosorus nigrescens*  
 (Blume) Pic. Serm. 薄葉陷囊蕨 (薄葉擬蕨) (Kuo, 1997)  
*Phymatosorus scolopendria* (Burm.) Pic. Serm. 瘤蕨 = *Microsorium scolopendrium* (Burm.)  
 Copel. 海岸星蕨  
*Polypodiastrium mengtzeense* (H. Christ) Ching 蒙自擬水龍骨 = *Polypodium argutum* Wall.  
 ex Hook. 箭葉水龍骨  
*Polypodiodes amoenum* (Wall. ex Mett.) Ching 友水龍骨 = *Polypodium amoenum* Wall. ex  
 Mett. 阿里山水龍骨  
*Polypodiodes chinensis* (H. Christ) S.G. Lu 中華水龍骨  
*Polypodiodes formosanum* (Baker) Ching 臺灣水龍骨 = *Polypodium formosanum* Baker  
*Polypodiodes microrrhizoma* (C.B. Clarke ex Baker) Ching 栗柄水龍骨 = *Polypodium*  
*microrrhizoma* C.B. Clarke ex Baker  
*Polypodiodes niponica* (Mett.) Ching 日本水龍骨 = *Polypodium transpianense* Yamam. 疏  
 毛水龍骨  
*Polypodiodes raishanensis* (Rosenst.) S.G. Lu 大葉水龍骨  
*Pyrrosia adnascens* (Sw.) Ching 抱樹石蕨  
*Pyrrosia gralla* (Gies.) Ching 中國石蕨  
*Pyrrosia linearifolia* (Hook.) Ching 絨毛石蕨  
*Pyrrosia lingus* (Thunb.) Farw. 石蕨  
*Pyrrosia matsudae* (Hayata) Tagawa 松田石蕨 (松田氏石蕨)  
*Pyrrosia polydactylis* (Hance) Ching 槭葉石蕨  
*Pyrrosia sheareri* (Baker) Ching 廬山石蕨  
*Pyrrosia transmorrisonensis* (Hayata) Ching 玉山石蕨  
*Saxiglossum angustissimum* (Giesenh. ex Diels) Ching 石蕨 = *Pyrrosia angustissima*

(Giesenh. ex Diels) C.M. Kuo (Kuo, 1985)

**52. Drynariaceae** 榭蕨科 (Polypodiaceae 水龍骨科)

*Aglaomorpha meyeniana* Schott 連珠蕨

*Drynaria fortunei* (Kunze) J. Sm. 榭蕨

*Pseudodrynaria coronans* (Wall. ex Mett.) Ching 崖薑蕨

**53. Grammitidaceae** 禾葉蕨科

*Calymmodon cucullatus* (Nees & Blume) C. Presl 姬荷包蕨

*Calymmodon gracilis* (Fée) Copel. 疏毛荷包蕨

*Ctenopteris curtisii* (Baker) Copel. 蒿蕨

*Ctenopteris merrittii* (Copel.) Tagawa 擬虎尾蒿蕨

*Ctenopteris mollicoma* (Nees & Blume) Kunze 南洋蒿蕨

*Ctenopteris obliquata* (Blume) Copel. 密毛蒿蕨

*Ctenopteris subfalcata* (Blume) Kunze 虎尾蒿蕨

*Ctenopteris tenuisecta* (Blume) J. Sm. 細葉蒿蕨

*Grammitis adspera* (Blume) Blume 無毛禾葉蕨

*Grammitis congener* Blume 太武禾葉蕨 (大武禾葉蕨)

*Grammitis fenicis* Copel. 短柄禾葉蕨

*Grammitis intromissa* (H. Christ) Parris 大禾葉蕨

*Grammitis jagoriana* (Mett.) Copel. 擬禾葉蕨

*Grammitis nuda* Tagawa 長孢禾葉蕨

*Grammitis reinwardtia* Blume 毛禾葉蕨

*Prosaptia contigua* (G. Forst.) C. Presl 穴子蕨

*Prosaptia urceolaris* (Hayata) Copel. 臺灣穴子蕨

*Scleroglossum pusillum* (Blume) Alderw. 革舌蕨

*Xiphopteris okuboi* (Yatabe) Copel. 梳葉蕨

**54. Loxogrammaceae** 劍蕨科 (Polypodiaceae 水龍骨科)

*Loxogramme confertifolia* Tagawa 密葉劍蕨

*Loxogramme formosana* Nakai 臺灣劍蕨

*Loxogramme grammitoides* (Baker) C. Chr. 小葉劍蕨

*Loxogramme remotifrondigera* Hayata 長柄劍蕨

*Loxogramme salicifolia* (Makino) Makino 柳葉劍蕨

**55. Marsileaceae** 蘋科

*Marsilea crenata* C. Presl 南國田字蘋 (南國田字草)

**56. Salviniaceae** 槐葉蘋科

*Salvinia natans* (L.) All. 槐葉蘋

**57. Azollaceae** 滿江紅科

*Azolla pinnata* R. Br. 滿江紅

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## 按秦仁昌系統排列的臺灣蕨類植物

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### 摘 要

第一位著者於 2002 年前來台灣訪問，並檢視了 HAST, TAI, TAIF 及 TNM 的蕨類標本，提出新組合種 2 種，即龍骨星蕨 *Microsorium carinatum* (W. M. Chu & Z. R. He) S. G. Lu 和大葉水龍骨 *Polypodiodes raishanensis* (Rosenst.) S. G. Lu；臺灣分佈的新記錄種有 6 種，即大半邊旗 *Pteris dissitifolia* Baker、黃山鱗毛蕨 *Dryopteris huangshanensis* Ching、闊基鱗毛蕨 *Dryopteris latibasis* Ching、藏布鱗毛蕨 *Dryopteris redactopinnata* S. K. Basu & Panigr.、龍骨星蕨 *Microsorium carinatum* (W. M. Chu & Z. R. He) S. G. Lu 和中華水龍骨 *Polypodiodes chinensis* (H. Christ) S. G. Lu。文中除了名錄外，僅針對那 6 個新記錄種有描述及列出引證標本。依據『中國植物誌』第 2-6 卷的記載中國地區約有 2600 種蕨類植物，因海峽兩岸在蕨類植物的分類上是採用不同的分類系統，所以有許多分類群在兩岸是採用不同的學名。本文首次將臺灣的蕨類植物按秦仁昌 1978 年的「蕨類植物分類系統」進行排列；加上此次的新記錄分類群，使得臺灣蕨類由原本『臺灣植物誌』第一卷第二版記載的 37 科、145 屬、593 分類群增加為 57 科、184 屬、677 分類群（包括種下之分類群）。

關鍵詞：蕨類植物、台灣、秦仁昌、植物名錄。

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