

3. 崖姜蕨属 *Pseudodrynaria* (C. Chr.) C. Chr.

C. Chr. in Verdoorn, Manual. Pterid. 548. 1938; Ching in Sunyatsenia 5: 262. 1940; 6: 10. 1941; Copel., Gen. Fil. 201. 1947; Pic. Serm., Ind. Fil. Suppl. 4: 258. 1965; Nakaike, Enum. Pterid. Jap. 350. 1975; De Vol in H. L. Li et al., Fl. Taiwan 1: 214. pl. 75. 1975; E. Walker, Fl. Okinawa S. Ryukyu 121. 1976; Pic. Serm. in Webbia 31 (2): 379. 1977; Ching in Acta Phytotax. Sin. 16 (3): 18. 1978; Ching et S. K. Wu in C. Y. Wu, Fl. Xizang. 1: 348. 1983; S. H. Wu et Ching, Fern Fam. et Gen. China. 544. 1991; Shieh et al., Fl. Taiwan (sec. nd.) 1: 511. 1994. — *Aglaomorpha* Subgen. *Pseudodrynaria* C. Chr., Ind. Fil. Suppl. 3: 13. 1934. — *Aglaomorpha*, M. C. Roos, Phylog. Syst. Drynar. Polyp. [Utrecht] 227. 1985. pro parte.

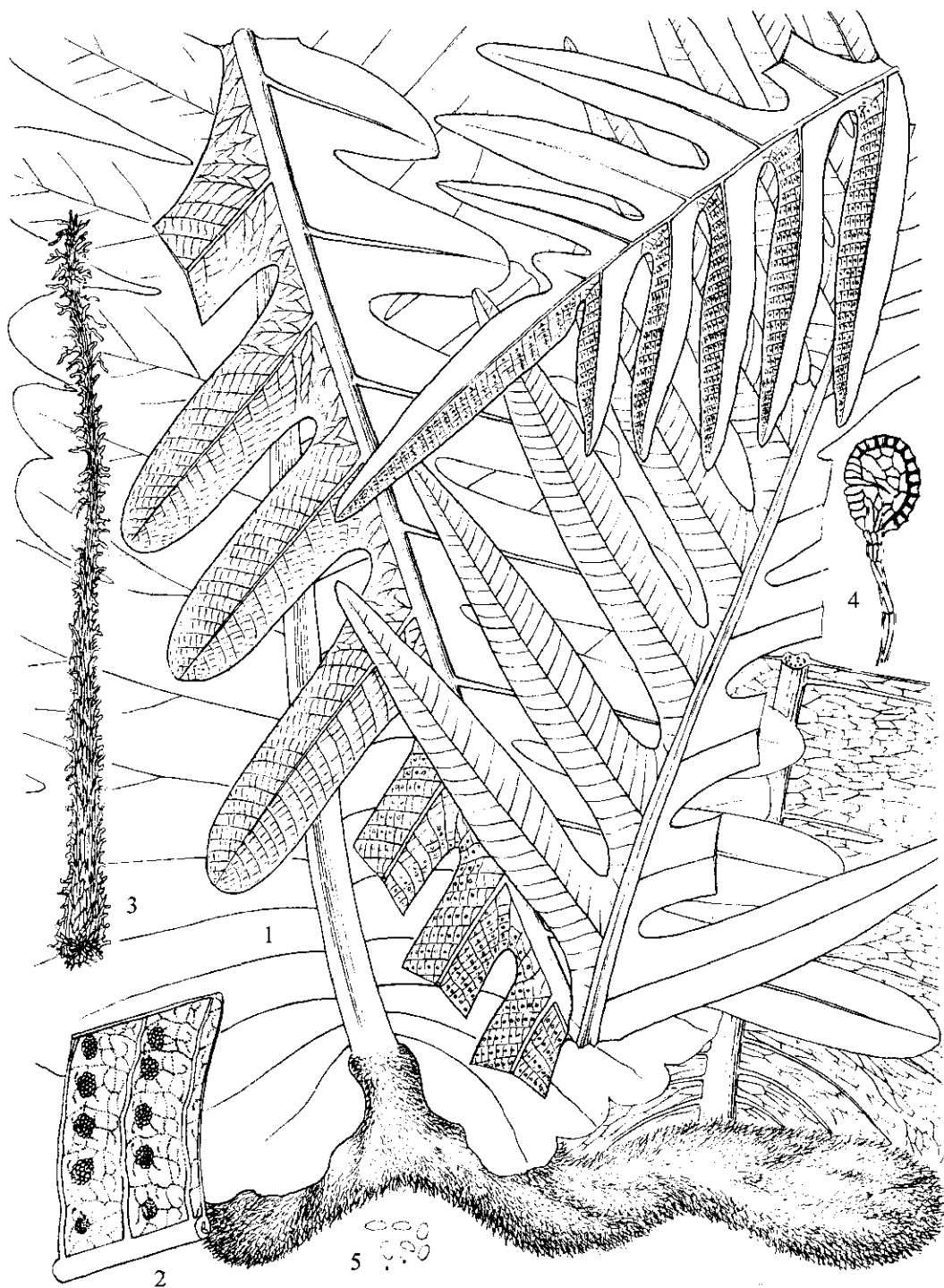
大型附生植物。根状茎横卧，粗壮，肉质，内有网状中柱，密被鳞片和须根。叶大，簇生呈鸟巢状，无柄，不具关节，下部深波状而浅裂，基部扩大呈耳形，叶的上部稍宽，羽状深裂；裂片披针形，全缘；叶脉明显，各侧脉之间有整齐的横脉相连，横脉之间又有两条与侧脉平行的小脉相连，有内藏小脉；叶厚革质，有光泽。孢子囊群着生于小脉交叉处，每对侧脉之间有1行，生于叶表面，圆形或通常沿第三回小脉而延长；环带有11—16个增厚细胞，有时不整齐。孢子两面型，肾状长圆形，透明，平滑。

属模式：*Pseudodrynaria coronans* (Wall. ex Mett.) Ching (*Polypodium coronans* Wall. ex Mett.)

单种属。亚洲热带分布。

1. 崖姜 (中国主要植物图说) 图版 62: 1—5

Pseudodrynaria coronans (Wall. ex Mett.) Ching in Sunyatsenia 5: 262. 1940; 6: 10. 1941; Copel., Gen. Fil. 201. 1947; Pic. Serm., Ind. Fil. Suppl. 4: 258. 1965; 傅书遐, 中国主要植物图说·蕨类植物门 243, 图 327. 1957; Ic. Corm. Sin. 1: 273, f. 545. 1972; De Vol in H. L. Li et al., Fl. Taiwan 1: 214. pl. 75. 1975; Nakaike, Enum. Pterid. Jap. 350. 1975; De Vol et C. M. Kuo in Li et al., Fl. Taiwan 1: 214. pl. 75. 1975; E. Walker, Fl. Okinawa S. Ryukyu 121. 1976; Ching et S. K. Wu in C. Y. Wu, Fl. Xizang. 1: 348. 1983; Shieh et al., Fl. Taiwan 2nd. ed. 1: 511. 1994. — *Polypodium coronans* Wall., List no. 288. 1828. nom. nud.; Mett., Farngatt. 1. Polyp. 121. t. 3, f. 40—41. 1857; Hook., Fil. Exot. pl. 91. 1859; Sp. Fil. 5: 95.



图版 62 1—5. 崖姜 *Pseudodrynaria coronans* (Wall. ex Mett.) Ching: 1. 植株 (全形); 2. 裂片一段 (放大);
3. 鳞片 (放大); 4. 孢子囊 (放大); 5. 孢子 (放大)。(冀朝棣绘)

1864; C. B. Clarke in Trans. Linn. Soc. Lond. ser. II. Bot. 1: 557. 1880; Christ, Farnkr. 117, f. 333. 1897; Diels in Engl. et Prantl, Nat. Pfl. 1 (4): 319. 1902; C. Chr., Ind. Fil. 518. 1906; Merr. in Lingnan Sci. J. 5: 17. 1927; Ching in Bull. Fan Mem. Inst. Biol. 1: 152. 1930. — *Phymatodes coronans* C. Presl, Tent. Pterid. 198. 1836. nom. nud. — *Drynaria coronans* J. Sm. in Hook. J. Bot. 3: 399. 1841. nom. nud.; 4: 61. 1842. nom. nud.; Hook. in Hook., J. Bot. 9: 357. 1857. nom. nud.; J. Sm., Cult. Ferns Cat. 14. 1857. nom. nud.; in Seemann, Bot. Voy. Herald [Fl. Hongkong] 426. 1875. nom. nud.; T. Moore, Ind. Fil. 345. pl. 63A. 1862; Bedd., Ferns Br. Ind. t. 13. 1865; J. Sm., Ferns Br. For. 103. 1866; Hist. Fil. 108. 1875; Bedd., Handb. Ferns Br. Ind. 338, f. 187. 1883; Christ in J. Bot. [Paris] ser. 2, 1: 238. 1908. — *Pleopeltis coronans* Alderw. in Bull. Dep. Agr. Indes Neerl. 27: 11. 1909. — *Aglaomorpha coronans* Copel. in Univ. Calif. Publ. Bot. 16 (2): 117. 1929; C. Chr., Ind. Fil. Suppl. 3: 20. 1934; Tagawa in Acta Phytotax. Geobot. 8 (4): 234. 1939; Tardieu et al. C. Chr. Fl. Indo-Chine 7: 488, f. 57: 3—4. 1941; Tagawa in Hara, Fl. E. Himal. 489. 1966; M. C. Roos, Phylog. Syst. Drynar. Polyp. [Utrecht] 236. 1985; Tagawa et K. Iwats., Fl. Thailand 3 (4): 551, f. 55: 4—5. 1989. — *Polypodium conjugatum* Baker in Hook. et Baker, Syn. Fil. 366. 1868; Matthew, Not. Ferns Hong Kong 30. 1908. non Poir. (1804), nec Kaulf. (1827), nom. illeg. — *Drynaria conjugata* Bedd., Suppl. Ferns S. Ind. Br. Ind. 23. 1876. — *Drynaria esquirolii* C. Chr. in Bull. Geogr. Bot. 23: 139. 1913; Ind. Fil. Suppl. 2: 13. 1917. — *Drynaria bonii* auct. non Christ; Ching in Acta Phytotax. Sin. 8: 156. 1959; Ching et al. in W. Y. Chun, Fl. Hainan. 1: 191. 1964; quoad pl. Hainan Vegetation Expl. Acad. Sin. No. 316 (IBSC, PE).

根状茎横卧，粗大，肉质，密被蓬松的长鳞片，有被毛茸的线状根混生于鳞片间，弯曲的根状茎盘结成为大块的垫状物，由此生出一丛无柄而略开展的叶，形成一个圆而中空的高冠，形体极似巢蕨 *Neottopteris nidus* (L.) J. Sm.；鳞片钻状长线形，深锈色，边缘有睫毛。叶一型，长圆状倒披针形，长 80—120 厘米或过之，中部宽 20—30 厘米，顶端渐尖，向下渐变狭，至下约 1/4 处狭缩成宽 1—2 厘米的翅，至基部又渐扩张成膨大的圆心脏形，宽约 15—25 厘米，有宽缺刻或浅裂的边缘，基部以上叶片为羽状深裂，再向上几乎深裂到叶轴；裂片多数，斜展或略斜向上，被圆形的缺刻所分开，披针形，中部的裂片长达 15—22 厘米，宽 2—3 厘米，急尖头或圆头，为阔圆形的缺刻所分开；叶脉粗而很明显，侧脉斜展，隆起，通直，相距 4—5 毫米，向外达于加厚的边缘，横脉与侧脉直角相交，成一回网眼，再分割一次成 3 个长方形的小网眼，内有顶端成棒状的分叉小脉；叶硬革质，两面均无毛，干后硬而有光泽，裂片往往从关节处脱落。孢子

囊群位于小脉交叉处，叶片下半部通常不育，4—6个生于侧脉之间，但并不位于正中央，而是略偏近下脉，每一网眼内有1个孢子囊群，在主脉与叶缘间排成一长行，圆球形或长圆形，分离，但成熟后常多少汇合成一连贯的囊群线。

产福建、台湾、广东、广西、海南、贵州、云南。附生雨林或季雨林中生树干上或石上，海拔100—1900米。越南、缅甸、印度、尼泊尔、马来西亚也有。模式标本采自尼泊尔。

本种可栽培于庭园供观赏用，其粗大的肉质根状茎在部分地区作骨碎补的代用品。

4. 槲蕨属 *Drynaria* (Bory) J. Sm.

J. Sm. in Hook. J. Bot. **3**: 397. 1841 [nom. cons.: Pic. Serm., Taxon **21**: 707. 1972]; [Gaud., Bot. Voy. Uranie et physic. 354. 1826, inval.]; Cult. Ferns Cat. **13**. 1857; Ferns Brit. et For. **102**. 1866; Hist. Fil. **107**. 1875; Fee, Mem. Foug. **5**, Gen. Fil. **269**. 1850—1852; T. Moore, Ind. Fil. **344**. 1862. pro parte; Bedd., Ferns S. Ind. **63**. 1863; Handb. Ferns Brit. Ind. **338**. 1883; Diels in Engl., Bot. Jahrb. **29** (1): 207. 1900; in Engl. et Prantl, Nat. Pfl. **1** (4): 328. 1902; C. Chr., Ind. Fil. **247**. 1906; Ind. Fil. Suppl. **1**: 29. 1913; Ind. Fil. Suppl. **2**: 13. 1917; Ind. Fil. Suppl. **4**: 106. 1965; Copel. in Univ. Calif. Publ. Bot. **16** (2): 117. 1929; Gen. Fil. **203**. 1947; Ferns Fl. Philipp. **3**: 496. 1960; Ching in Sunyatsenia **5** (4): 261. 1940; Tardieu et al. C. Chr. Fl. Indo-Chine **7** (2): 516. 1941; Holttum, Fl. Mal. **2**: 182. 1954; Ching et al. in W. Y. Chun et al., Fl. Hainan. **1**: 191. 1964; Morton in Taxon **19** (4): 647. 1970; Pic. Serm. in Webbia **31** (2): 379. 1977; Ching et S. K. Wu in C. Y. Wu, Fl. Xizang. **1**: 342. 1983; M. C. Roos, Phylog. Syst. Drynar. Polyp. [Utrecht] **255**. 1985; Tagawa et K. Iwats., Fl. Thailand **3** (4): 543. 1989. —*Polypodium* L., Sp. Pl. **2**: 1087. 1753, pro parte. —*Polypodium* Subgen. *Drynaria* Bory, Ann. Sci. Nat. **5**: 464. t. 12—14. 1825; Mett., Farngatt. **1**, Polyp. **114**. 1857; Hook., Gard. Ferns pl. **1**, 1862; Sp. Fil. **5**: 93. 1864; Baker in Hook. et Baker, Syn. Fil. **366**. 1868; C. B. Clarke, Trans. Linn. Soc. Lond. Ser. **2** (1): 555. 1880; Christ, Farnkr. **116**. 1897; in Bull. Herb. Boissier **6** (3): 202. 1898. —*Phymatodes Drynaria*