

3 (1932) 112, t. 47——*Microlepia villosa* Presl, Epim. Bot. (1849) 95. 羽片羽状浅裂,叶下面多毛。产地同原种。

4. 光叶鳞盖蕨 图版 XVI, 8—9

Microlepia calvescens (Wall.) Presl, Epim. Bot. (1849) 95——*Davallia calvescens* Wall. List (1828) n. 2983; Hook. Sp. Fil. I (1846) 172, t. 4813——*Microlepia marginata* var. *calvescens* C. Chr. Ind. Fil. (1905) 208; in Contr. U. S. Nat. Herb. XXVI (1931) 205; Wu, Wong et Pong in Bull. Dept. Biol. Sun Yatsen Univ. No. 3 (1932) 114, t. 48; Tard.-Blot et C. Chr. in Fl. Indo-Chine VII, ii (1939) 94; Ching in Sunyatsensia VI (1941) 11——*Davallia urophylla* Wall. List (1828) n. 2683——*Microlepia urophylla* Moore, Ind. Fil. (1861) 290; Bedd. Ferns Brit. Ind. (1866) t. 103.

植株强大,高约1.2米。根状茎粗,直径达5毫米,密被褐红色钻状毛。叶远生,相距2厘米;叶柄长70厘米,粗壮,禾秆色,圆,上面有狭纵沟,除基部被毛外,通体光滑;叶片长70厘米,宽24—26厘米,长圆形,先端长尾状,几为二回羽状;羽片22—25对,基部近对生,远离,相距5.5—8厘米,上部的互生,斜展,有柄(柄长7毫米),长披针形,镰刀状,长18—20厘米,宽2.3—2.7厘米,先端长渐尖,基部不等,下侧略短,楔形,羽状深裂;裂片斜长圆形,宽7毫米,密接,边缘有锯齿。叶脉在裂片上呈羽状,粗而隆起,4—5对,单一或二叉,斜出。叶厚纸质,干后棕绿色,两面光滑或几光滑,叶轴及羽轴下面密被棕黄色短柔毛。孢子囊群圆形,每裂片上5—7个,近边缘着生;囊群盖杯形,较宽,上边缘截形,距叶缘较远,光滑或几为光滑。

产浙江、福建、广东、海南、广西、贵州、四川及云南。越南及印度也有。

5. 皖南鳞盖蕨

Microlepia modesta Ching, sp. nov.

植株高约29厘米。根状茎横走,密被灰褐色针状毛。叶近生,柄长7.5厘米,粗约1—1.5毫米,禾秆色,上面有沟棱,疏被灰色针状毛,向上几光滑,叶片长20—22厘米,宽约10厘米,长圆形,先端渐尖,二回羽状;羽片8—12对,互生,平展,有短柄(长1毫米),远离,基部的稍缩短,相距约3厘米,略向下,披针形,渐尖头,长4.5—5厘米,宽1.5—2.5厘米,基部近截形,几与叶轴平行,羽轴两侧有狭翅,一回羽状;小羽片11对,接近,平展,长圆形,圆头,基部不等,下侧楔形,上侧为截形,略呈耳状,几无柄,两边浅裂达1/3—1/2处,小裂片阔,顶端有小钝齿。叶脉下面明显,上面可见,在小裂片为羽状,小脉单一。叶草质,干后褐绿色,上下两面有伏贴灰白色柔毛疏生,叶

pinnatifidumque simpliciter pinnata; pinnis liberis, ca. 8-jugis, alternis, patentibus, inferioribus ca. 3 cm inter se remotis, basalibus majoribus, ca. 5 cm longis, 1.8 cm basi latis, falcato-lanceolatis, brevi-acuminatis, sessilibus, basi utrinque inaequalibus, latere superiore rectis, inferiore cuneatis, ad dimidiam lobato-pinnatifidis vel in pinnis superioribus solum lobato-crenatis; lobis utroque latere costae 4—5-jugis, oblongis, obliquis, integris vel interdum apice leviter dentato-crenatis; nervis in lobis 3—4-jugis, indivisis, obliquis, utrinque prominulis; textura tenuiter herbacea, colore in sicco obscure viridi, paginis utrisque ad costas nervasque pilis 4 mm longis, setaceis, pallidis, adpressis densissime obtectis; soris ignotis.

Yunnan austr., Se-song-ban-nan, Yunnan Complex Expedition No. 314.

5. **Microlepidia modesta** Ching, sp. nov.

Rhizomate breve, repente, 2 mm crasso, pilis sat longis, pallide brunneis, luteis densissime oblecto; frondibus approximatis, stipite gracili, 5—7 cm longo, ca. 1 mm crasso, pallide stramineo, supra basin glabro; lamina 22 cm longa, 10 cm medio lata, ovato-oblonga, acuminata, deorsum decrescente, bipinnata; pinnis ca. 10-jugis, alternis, patentibus, subsessilibus, inferioribus abbreviatis, 3 cm inter se remotis, superioribus approximatis, basalibus 2.5—3 cm longis, 2 cm latis, sequentibus gradatim majoribus, mediis 5—6 cm longis, 2—2.5 cm basi latis, e basi latiore lanceolatis, acuminatis, basi subcordato-truncatis, utroque latere aequalibus, pinnatis; pinnulis ca. 10-jugis, approximatis, patentibus, oblongis, apice obtusis, dentatis, basi inaequalibus, antice truncatis, postice cuneatis, ad costam angustissime alatum decurrentibus, utroque costae latere ad dimidiam lobatis; lobis 2—3-jugis, rotundatis, dentatis; nervis tenuibus, in lobis furcatis, infra prominulis, supra obscuris; textura herbacea, pagina supra glabra, infra ubique breviter molliter puberula; soris minutis, uno pro lobo ad sinum positus, indusiis parvis, reniformibus, pallide virentibus, basi adnatis, cetera liberis, sparse puberulis.

Anwei austr., in the vicinity of Whang Shan, leg. P. C. Tsoong No. 18.

8. **Microlepidia pilosissima** Ching, sp. nov.

Rhizomate late repente, 4 mm crasso, pilis atro-rufis, patentibus, sat longis densissime oblecto; frondibus, solitariis, stipite 40 cm longo, 5 mm diametro, stramineo, nudesciente, ad basin aspero; lamina 50—60 cm longa, 34 cm basi lata, oblongo-deltaeidea, acuminata, bipinnata vel subtripinnatifida; pinnis ca. 20-jugis, alternis, oblique patentibus, inferioribus 8 cm inter se remotis, basalibus non abbreviatis, 17 cm longis, 3.5 cm latis, lanceolatis, caudato-acuminatis, basi aequaliter rotundatis, petiolatis (petiolo 3 mm longo), pinnatis; pinnulis 24-jugis, contiguis, patentibus, sessilibus, basalibus ad 3 cm longis, sequentibus brevioribus, acutis, acroscopico productis, basi inferiore cuneatis, utroque profunde pinnatifidis; segmentis in pinnulis basalibus anterioribus 5—7-jugis, in sequentibus 3—4-jugis, oblongis, obtusis, integris; nervis in segmentis pinnatis, nervulis 2—3-jugis, simplicibus aut furcatis, utrinque prominulis; textura crasso chartacea, colore in sicco supra obscure viridi, glabra, infra griseo-virente, ad costas nervasque pilis longis, griseo-brunneis, adpressis densissime oblecta; soris magnis, uno pro segmento ad marginem superiorem positus, indusiis semicupuliformibus, dense strigosis.

Yunnan, Yan-shan, Pie-shih-eih, 1200 m alt., in wooded valley, leg. C. W. Wang No. 84728, XI, 27, 1939.

9. **Microlepidia trichosora** Ching, sp. nov.

Species statura et dimensione *M. herbaceae* Ching et C. Chr. affinis, differt lamina

