

特产四川峨眉山山麓,伏虎寺附近林下,海拔 500 米。

23. 海南鳞盖蕨(中国植物分类学报,第八卷)

Microlepidia hainanensis Ching, sp. nov.——*Microlepidia subpinnata* Ching in Acta Phytotax. Sinica VIII (1959) 140, non Hay. 1914.

植株高 70 厘米。根状茎长而横走,粗约 4 毫米,密被暗红棕色长毛。叶远生,柄长 30 厘米,基部粗 3.5 毫米,褐禾稈色,被同样的毛,以上渐脱落而有粗糙的斑痕,下面圆,上面有沟;叶片长约 40 厘米,宽 25—28 厘米,长圆形,先端长渐尖,基部不缩短或稍缩短,二回羽状;羽片约 20 对以上,开展,基部对生,上部互生,相距 5—8 厘米,下部羽片较长,16—20 厘米,宽 2.5—3 厘米,线形,先端渐尖,有柄(长约 3 毫米),基部稍宽,不对称,下侧楔形,上侧直截,而与叶轴并行,一回羽状;小羽片 25 对左右,密接,开展,近长圆形,长 18—22 毫米,宽约 9 毫米,钝头,基部下侧楔形,上侧斜截形,上边缘有浅裂或少数缺刻。叶脉两面隆起,在小羽片的上侧基部二三组为羽状,其余为分叉。叶为草质,干后绿色,叶轴与羽轴密被棕色短毛,上面各脉疏被一二刚毛,下面各脉及叶肉上被棕色短毛。孢子囊群小,近叶缘生,每小羽片上有 7—15 个,上边 5—9 个,下边 2—6 个;囊群盖浅杯形,棕色,膜质,被褐色短毛。

产于海南岛(儋县,红毛山)。生溪边石上。

24. 光盖鳞盖蕨

Microlepidia glabra Ching, sp. nov.

植株高 50 厘米。根状茎长而横走,粗约 3 毫米,密被红褐色刚毛。叶远生,相距约 1 厘米;柄长 13.5 厘米,粗约 3 毫米,褐禾稈色,基部被有开展的灰色长针状毛,上部脱落,有粗糙的疏斑痕;叶片卵圆形,长 37 厘米,宽 20 厘米,先端渐尖,基部近圆形,二回羽状;羽片 16 对以上,基部的近对生,上部的互生,相距 3.5 厘米,开展,有柄(长 3 毫米),线形,镰刀状,长 16.5 厘米,宽 2.3 厘米,先端长渐尖,基部不对称,上侧平截,而与叶轴并行,下侧狭楔形,一回羽状;小羽片 17 对,基部上侧 1 枚最大,近菱形,长达 2.7 厘米,宽达 1.1 厘米,先端急尖,有尖头,基部不对称,上侧截形,与羽轴并行,下侧狭楔形,边缘有浅缺刻,每缺裂有少数齿牙。叶脉下面隆起,上面可见,在浅缺裂上为羽状,2—3 对,细脉分叉或单一。叶草质,干后呈灰绿色,上下面均无毛;叶轴及羽轴下面密被褐色短毛,上面光滑。孢子囊群小,每小羽片 3—5 枚,着生缺刻基部,生于上侧脉顶端;囊群盖杯形,棕色,光滑。

产四川东部(重庆,歌乐山)。

25. 新粗毛鳞盖蕨

pallidis, glabris.

Yunnan austr., Mengtze, leg. *W. Hancock*.

17. ***Microlepidia sino-strigosa*** Ching, sp. nov.

Species statura et dimensione *M. strigosae* (Thunb.) Presl valde similis, recedit: indusiis nec semicupuliformibus sed reniformibus, pallidis, basi lata solum affixis, cetera liberis, lamina infra praeter costas nervasque pilis brevibus, potius crassis perparce conspersas glabra.

Szechuan, Tien-chuan Hsien, 750—900 m alt., leg. *W. P. Fang* No. 3473 (typus), IX, 8, 1928; Omei Shan, leg. *W. P. Fang* No. 7923, VII, 24, 1930; Han-tsuen-ping, 1400 m alt., leg. *S. S. Kung* No. 028; ibidem, leg. *S. C. Chen* No. 10028. Kwangtung, Jen-hwa Hsien, Fang-chi Shan, leg. *W. T. Tsang* No. 26151. Kwangsi, Ho-chi Hsien, leg. *R. C. Ching* No. 6573, VII, 21, 1928. Kiangsi, on the border of Hunan, leg. *Y. K. Shiung* No. 05121, VII, 1, 1947.

19. ***Microlepidia crassa*** Ching, sp. nov.

Stipite 55 cm longo, basi 4 mm crasso, stramineo vel brunnescente stramineo, glabro laevique; lamina 60 cm vel ultra longa, 20 cm lata, oblonga, acuminata, bipinnata; pinnis ca. 15-jugis, 6—6.4 cm latis, lanceolatis, acuminatis, obliquis, alternis, inferioribus 8—9 cm et superioribus 3 cm inter se remotis, petiolatis (petiolo 4—2 mm longo), infimis parum vel vix abbreviatis, basi utrinque aequaliter cuneatis, pinnatis; pinnulis ca. 13—15-jugis, obliquis, subimbricatis, sessilibus, 3—3.7 cm longis, 1.3—1.5 cm latis, oblongo-cuneatis, acutis, basi inaequaliter cuneatis, antice truncatis, postice rectis, marginibus praesertim superiore ad dimidiam lobato-pinnatifidis; lobis oblongis, integris vel apice parum undulato-dentatis; nervis in lobis 3-jugis, indivisis, obliquis, crassis, utrinque prominulis; textura subcoriacea, colore in sicco obscurius virente, paginis utrisque glabris; rachi rachillisque pilis pallide ferrugineis, sat longis, adpressis densissime obtectis; soris magnis, 2 pro lobo ad marginem superiorem positus, indusiis semicupuliformibus, brunneis, glabrisque.

Yunnan austr., Se-song-ban-nan, Yunnan Complex Expedition No. 5973.

22. ***Microlepidia hainanensis*** Ching, sp. nov.

Microlepidia subpinnata Ching in Acta Phytotax. Sinica VIII (1959) 140, non Hay. 1914.

Rhizomate late repente, 3 mm crasso, rufo-brunneo, pilis atro-rufis, brevibus dense praecipue ad apicem obecto; frondibus distantibus, stipite 30—35 cm longo, brunneo-stramineo, ad basin 3 mm diametro et dense piloso, sursum nudescens et leviter scaberulo; lamina 40 cm longa, 28 cm lata, oblonga, acuminata, subbipinnata; pinnis ca. 15-jugis, alternis vel inferioribus oppositis, 5 cm inter se distantibus, oblique patentibus, petiolo 4 mm longo suffultis, 15 cm longis, 2.6 cm latis, lineari-lanceolatis, subfalcatis, ad apicem acuminatam sensim attenuatis, subpinnatis; pinnulis infra apicem pinnatifidum ultra 30-jugis, contiguis, confluentibus vel inferioribus liberis, basi decurrentibus, rhomboideo-oblongis, obtusis, dentatis, margine remote crenato-incisis; nervis pinnatis, nervulis furcatis vel simplicibus, obliquis; textura tenuiter chartacea, colore in sicco flavescens viridi, paginis utrisque glabris, costis nervisque superne pilis setaceis pallidis sparsissime conspersis exceptis; soris parvis ad sinum positus, secus marginem superiorem 5—6, inferiorem 3—4, indusiis tenuiter semicupuliformibus, pallidis, sparsissime puberulis.

Hainan, Tam Hsien, Hung Mo Shan, north of Fan Ta, leg. *Tsang et Fung* No. 273, VI,

11, 1929.

23. **Microlepia glabra** Ching, sp. nov.

Species *M. criticae* Ching valde affinis differt statura minor, graciliore, lamina utrinque glabra, praeterea indusiis glabris.

Rhizomate late repente, 3 mm crasso, pilis atro-rufis setaceis dense oblecto; frondibus solitariis vel approximatis, stipite gracili, ca. 2 mm diametro, fusco-brunneo, 10 cm longo, ad basin dense strigoso, sursum nudesciente, scaberulo; lamina 30 cm longa, 17 cm lata, ovato-oblonga, acuminata, bipinnata; pinnis ca. 14-jugis, obliquis, alternis, 3 cm inter se remotis, inferioribus parum abbreviatis, sequentibus longioribus, mediis 12—13 cm longis, 2.4 cm basi latis, lanceolatis, subfalcatis, acuminatis, basi utrinque latere inaequaliter cuneatis, brevipetiolatis (petiolo ca. 2 mm longo), pinnatis; pinnulis infra apicem pinnatifidum acuminatum ca. 14-jugis, contiguis, basali anteriori majore, 2—2.2 cm longa, 9 mm basi lata, oblonga, subobtusata, rachidi parallela, sequentibus minoribus, apice acutis vel subacutis, dimidiato-subrhomboideis, basi anteriori rectis, costae parallelis, margine inferiore rectis, integris, superiore infra apicem dentatum leviter lobulatis, lobulis dentatis; nervis utrinque prominulis, in lobulis pinnatis; textura herbacea, colore in sicco obscure virente, paginis utrisque glabris; soris ad sinum positus, secus marginem superiorem 2—3, inferiorem 1—2, vel saepe nullis, indusiis semicupuliformibus, glabris, pallidis.

Szechuan orient., Chungking, Koo-loo Shan, leg. T. Y. Chow No. 844, VII, 1939.

24. **Microlepia neostrigosa** Ching, sp. nov.

Rhizomate late repente, 4 mm crasso, pilis atro-fuscis, patentibus, sat longis densissime oblecto; frondibus distantibus, stipite 34 cm longo, stramineo, ad basin 4 mm diametro, dense strigoso, sursum nudesciente scabroque; lamina 45 cm longa, 22 cm lata, acuminata, bipinnata; pinnis ca. 16-jugis, obliquis, alternis, petiolatis (petiolo ca. 3 mm longo), lanceolatis, acuminatis, inferioribus vix abbreviatis, 4—5 cm inter se remotis, 14 cm longis, 4 cm latis, superioribus angustioribus, basi aequaliter late cuneatis, pinnatis; pinnulis ca. 17-jugis, contiguis, obliquis, sessilibus, 2—2.3 cm longis, 7 mm basi latis, parum decurrentibus, oblongo-lanceolatis, acutis, basi antice rectis, postice cuneatis, utroque ad dimidiam lobatis; lobis 4—5-jugis, anterioribus majoribus, oblongis, lateribus integris, apice acutis, saepe bifidis vel subintegris; nervis in lobis 2—3-jugis, simplicibus, obliquis, utrinque prominulis, parenchymate concoloribus; textura herbacea, colore in sicco viridi, paginis ad costas nervasque supra perparce et subtus dense pilis sat longis, pallidis, patentibus oblectis; soris parvis, 4—5-jugis pro pinnula ad sinum positus, indusiis semicupuliformibus, pallide brunneis, dense strigosis.

Yunnan austr., Se-song-ban-nan, Yunnan Complex Expedition No. 2536.

25. **Microlepia critica** Ching, sp. nov.

Rhizomate late repente, 4 mm crasso, pilis atro-brunneis, setaceis dense oblecto; frondibus distantibus, stipite ad 40 cm longo, 3—4 mm diametro, atro-brunneo, supra sulcato, infra tereti, ad basin iisdem pilis rhizomatis onusto, sursum nudesciente et scabro; lamina ad 70 cm longa, 20—30 cm lata, oblonga, ad apicem elongatum acuminata, bipinnata; pinnis ultra 11-jugis, alternis, oblique patentibus, breviter petiolatis (petiolo 3 mm longo), lanceolatis, ad 20 cm longis, 3 cm basi latis, gradatim acuminatis, basi utrinque inaequalibus, latere anteriore rectis, inferiore cuneatis, pinnatis; segmentis 20-jugis, contiguis, subrhomboideo-oblongis, 1.8