

分布。

台湾鳞盖蕨 *Microlepia taiwaniana* Tagawa in Acta Phytotax. et Geobot. X (1941) 199. 未見标本。据说同本种有关系,但按其原記載:中部的羽片长达50厘米,寬15厘米,羽柄长1厘米,小羽片羽状深裂……的情况看,同本种并无共同之点。

27. 正鳞盖蕨

Microlepia critica Ching, sp. nov.

植株高1厘米,根状莖长而横走,粗4毫米,密被灰褐色长刚毛。叶远生,相距1—1.5厘米;柄长40厘米,粗約4毫米,灰棕色,上面有浅沟,下面圓,下部多少被灰褐色长刚毛,上部脫落,有粗糙的痕;叶片长70厘米以上,寬20—30厘米,长圓形,先端延长而漸尖,二回羽状;羽片11对以上,近对生至互生,基部相距8厘米,有柄(长3毫米),开展,綫状披針形,基部以上第二对羽片最大,长20厘米,寬3.4厘米,先端漸尖,基部不对称,上側平截,下側稍狹,广楔形,一回羽状;小羽片20对左右,接近,近于长圓形,长1.8厘米,寬9毫米,先端圓,基部不对称,上側截形,与羽軸并行,下側狹楔形,多少下延,边緣有齿牙,其上緣常有4—5个圓浅裂。叶脉为羽状,两面隆起,斜向上,单一,或在基部上側的分叉。叶草質,干后褐色,上面无毛,下面沿脉疏被棕色长刚毛;叶軸及羽軸上被褐色短毛。孢子囊羣小,生于缺刻的基部,每小羽片通常8枚;囊羣盖杯形,棕色,几光滑。

产广东(惠阳县,九龙峯)、广西(罗城县)。

与粗毛鳞盖蕨 *Microlepia strigosa* (Thunb.) Presl 相似,但本种小羽軸不仅叶下面被有棕色刚毛,即上面亦有,又本种小羽片仅为浅裂。

28. 闊叶鳞盖蕨

Microlepia platyphylla (Don) J. Sm. in London Journ. Bot. I (1842) 427; Bedd. Ferns S. Ind. (1863) t. 19; C. Chr. Ind. Fil. (1905) 427; Cop. Polyp. Philip. (1905) 56; v. A. v. R. Handb. Mal. Ferns (1908) 311; C. Chr. Ind. Fil. Suppl. I (1913) 120; Hand.-Mazz. Symb. Sinic. VI (1929) 30; Tard.-Blot et C. Chr. in Fl. Indo-Chine VII, ii (1939) 99——*Davallia platyphylla* Don Prod. Fl. Nepal. (1825) 10——*Microlepia grandissima* Hay. Ic. Pl. Form. IV (1914) 207, f. 140; C. Chr. Ind. Fil. Suppl. II (1917) 22——*Humata grandissima* Hay. Ic. Pl. Form. IV (1914) 207.

根状莖横走,粗硬如木質,直径1.5—2厘米,密被暗紅棕色的鉗状刚毛。叶近生,高約2米,柄长70—100厘米,下部粗約1厘米,木質,淡棕禾稈色,有光泽,除基部有毛外,通体光滑;叶片大,长1—1.4米,寬几相等,闊三角形,二回羽状;羽片約8对,

11, 1929.

23. **Microlepidia 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 nudescens, 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 positis, 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. **Microlepidia neostriigosa** 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 nudescens 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 positis, indusiis semicupuliformibus, pallide brunneis, dense strigosis.

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

25. **Microlepidia 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 nudescens 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

cm longis, 9 mm latis, obtusis, basi inaequalibus, antice truncatis, postice oblique rectis et anguste decurrentibus, margine leviter lobulatis, lobulis dentatis; nervis in pinnulis pinnatis, nervulis iterum pinnatis vel furcatis, obliquis, utrinque prominulis; textura chartacea, colore in sicco obscurius virente, pagina supra glabra, lucida, inferne ad costas nervasque pilis sat longis, pallidis, patentibus modeste strigosa; soris submarginalibus, secus marginem superiorem 5—6, inferiorem 3—4 ad sinum positus, indusiis semicupuliformibus, pallidis, persparse et breviter puberulis.

Kwangtung, Wei-yang Hsien, Kau-lung-fung, leg. W. T. Tsang No. 20005, (typus), IV, 13, 1932. Kwangsi 12 km. north of Lu-chen, Lion's Hill, 1000 m alt., leg. R. C. Ching No. 5426, V. 28, 1928.

27. **Microlepidia trichoclada** Ching, sp. nov.

Rhizomate late repente, 4—5 mm crasso, nigrescente, radicoso, ad apicem pilis atro-rufis dense oblecto; frondibus distantibus, stipite 60—65 cm longo, 4 mm crasso, ad basin subglabro asperoque, sursum glabro laevique, stramineo; lamina ovato-deltaeidea, tripinnata, acuminata; pinnis ca. 15-jugis, obliquis, alternis, inferioribus, ca. 10 cm inter se remotis, petiolatis (petiolo ca. 1 cm longo), 16 cm longis, 6 cm basi latis, lanceolatis, acuminatis, basi latiore utrinque aequalibus; pinnulis primariis ca. 20-jugis, alternis, a se separatis, patentibus, breviter petiolulatis, basalibus 4 cm longis, 1.3 cm latis, sequentibus gradatim abbreviatis, acuminatis, acroscopica productis, basiscopica cuneatis, pinnatis; pinnulis ultimis 6—8-jugis, oblongo-cuneatis, obtusis, basi decurrentibus, contiguis, basali anteriori majore, ad 9 mm longa, pauci-lobato-incisa, ceteris minoribus, integrisque; nervis 3—4-jugis, simplicibus aut basali anteriori furcatis, obliquis; textura herbacea, colore in sicco virente, pagina supra glabra, raro ad costas pilis sat longis albidis perspersis, infra ad costas nervasque pilis longis, albidis, luteis, adpressis densissime oblecta; soris uno pro pinnula ad marginem superiorem positus, indusiis semicupuliformibus, dense et longe strigosis.

Yunnan austr., Se-song-ban-nan, Yunnan Complex Expedition No. 1528.

28. **Microlepidia subrhomboides** Ching, sp. nov.

Rhizomate ? stipite ca. 40 cm longo, 3 mm crasso, pallide brunneo, supra basin glabro, subnitido; lamina oblongo-ovata, 62 cm longa, 28 cm basi lata, tripinnata; pinnis ca. 20-jugis, alternis, obliquis, inferioribus suboppositis, 8—10 cm inter se remotis, superioribus approximatis, omnibus petiolatis (petiolo 5 mm longo), lanceolatis, longe acuminatis, inferioribus ad 19 cm longis, 7.5 cm latis, sequentibus gradatim abbreviatis, acuminatis; pinnulis primariis ad 16-jugis, approximatis, inferioribus suboppositis, late lanceolatis, 4.3 cm longis, 1.6 cm basi latis, acutis vel breviter acuminatis, sessilibus, basi utrinque inaequalibus, antice truncatis, postice obliquis, profunde ad costam anguste alatum pinnatifidis; segmentis 5—7-jugis, oblongis vel oblongo-obovatis, obtusis, integris vel 1—2 incis, basali anteriori majore, 1 cm longa, 5 mm lata; nervis in segmentis 3—4-jugis, simplicibus aut furcatis, obliquis, infra prominulis, supra vix notatis; textura herbacea, colore in sicco flavesciente viridi, paginis utrisque subglabris, costis aut nervis persparse strigosis exceptis; soris parvis, superficialibus, 5 in segmento acroscopico, 1—2 in sequentibus, indusiis semicupuliformibus, brunneis, parce hirsutis.

Yunnan occid., from Lung-ling to Teng-chung, leg. R. C. Ching No. 50678, XI, 1952.

30. **Microlepidia ampla** Ching, sp. nov.