

灰白色的短柔毛,下面較密;叶軸和叶柄同色,粗糙,无毛,向上和羽軸同有棕色短毛均匀分布。孢子囊圓形,大,每裂片 1 个,近叶緣生,位于一回小羽片的中脉兩側,6—10 对,惟基部上側的末回裂片常有 1—2 对(或更多);囊羣盖浅碗形,灰綠色,有长毛。

产云南南部(思茅县南 64 公里,普藤坝)。生常綠林內,海拔 1100 米。上緬甸也有分布。

54. 隆脉鳞盖蕨

Microlepia crenato-serrata Ching, sp. nov.

根状莖橫走,粗 1.5 厘米,木質,密被棕色茸毛。叶近生,柄长达 90 厘米,基部粗 1.2 厘米,被与根状莖同样的毛,向上无毛,略粗糙,有光泽。叶片长逾 1 米,三回羽状,羽片 12—15 对,基部对生,向上为互生。中部羽片长 40 厘米左右,寬 12—14 厘米,长圓披針形,先端漸尖,柄长约 1 厘米,互生,上先出,相距 10—12 厘米,三回羽状深裂;一回小羽片約 20—25 对,互生,有极短柄,相距 2 厘米左右,基部上側一片較长,約 8 厘米,几与叶軸并行,自第二片向上长 6—7 厘米,寬 2 厘米左右,闊披針形,漸尖头,基部不对称,上側平截,下側广楔形,一回羽裂;二回小羽片 10—12 对,密接,基部上側一片較长,且与羽軸并行,向上的长 1—1.2 厘米,寬 4—6 毫米,先端圓而有尖鋸齿,基部下延,羽状深裂达中脉 1/2 处;小裂片边緣有矮鋸齿。羽片向頂部漸短,披針形,二回羽状深裂;一回小羽片除基部上側一片較长外,其余长 3—4 厘米,寬 1—1.2 厘米,闊披針形;末回裂片边緣有尖鋸齿。叶脉两面隆起,羽状分枝,达于鋸齿。叶厚草質,干后暗綠色,上下两面粗糙,有棕色短毛密生,叶軸下部和叶柄同色,上面密被棕色短毛。孢子囊羣生于小裂片基部上側近缺刻处,2—4 对;囊羣盖碗形,灰綠色,有毛。

特产云南南部(西双版纳)。

55. 阴脉鳞盖蕨

Microlepia ganlanbaensis Ching, sp. nov.

根状莖橫走,粗 7 毫米,被棕色短柔毛。叶二列疏生,柄长约 40 厘米,粗 6 毫米,禾稈色或淡棕禾稈色,光滑无毛。叶片长 70—85 厘米,寬 40—50 厘米,闊卵状长圓形,先端漸尖,三回羽状;羽片約 15 对,互生,斜向上,基部一对較短,长 22—24 厘米,寬 8 厘米,第二对向上长 27—30 厘米,寬 8 厘米左右,长圓披針形(先端为深羽裂的漸尖头),基部不等寬,柄长 1—1.5 厘米,相距 11 厘米左右,二回羽状深裂;一回小羽片約 18—20 对,基部上方一片較长,約 6—7 厘米,几与叶軸并行,第二片向上长 4—4.5 厘米,寬 1.5 厘米左右,长圓披針形,先端漸尖,有鋸齿,基部几等寬,上側平

19, 1953.

50.. **Microlepidia gigantea** Ching, sp. nov.

Rhizomate, breve, repente, crasso, lignoso, ramoso, ad apicem densissime tomentoso; frondibus numerosis, approximatis, stipite 65 cm longo, basi 1 cm crasso et dense piloso, sursum glabro, brunneo, nitido, supra profunde sulcato; lamina ad 1.5 m longa, 60 cm lata, ovato-oblonga, tripinnata vel ad basin subquadripinnatifida; pinnis usque ad 20-jugis, 35—45 cm longis, 14—16 cm latis, anguste oblongis, obliquis, inferioribus ca. 14 cm a se distantibus, petiolo 1—1.5 cm longo, 1.5 mm crasso suffultis; pinnulis primariis 20—30-jugis, basali anteriori majore 7—9 cm longa, ceteris minoribus, conformibus, 4—5 cm longis, ca. 2 cm latis, late lanceolatis, acuminatis vel acutis, sessilibus, basi inaequali latere inferiore breviter decurrentibus, utroque fere ad costam pinnatifidis; pinnulis (segmentis) ultimis utroque ca. 10, oblongis, apice rotundatis, basali anteriori majore, 1—1.2 cm longa, 5—6 mm lata, margine subcrenata vel inciso-crenata; nervis in segmentis pinnatis, nervulis furcatis, infra prominulis, supra obscuris; textura herbacea, colore in sicco virente, pagina supra subglabra; costis dense pilosis exceptis, infra ubique breviter puberula; soris minutis, ca. 3—6 pro segmento, superficialibus, indusiis semicupuliformibus, parvis, pallide brunneis, puberulis.

Yunnan austr.-orient., Poo-tang-pa, 64 km. south of Szemao, in mixed forest, 1100 m alt., leg. R. C. Ching No. 453, III, 11, 1956.

51. **Microlepidia crenato-serrata** Ching, sp. nov.

Rhizomate breve, repente, crasso, lignoso, ut basi stipitis pilis ferrugineo-brunneis densissime oblecto; frondibus distantibus, stipite 90 cm longo, 1.2 cm in diametro, uti rachi brunneo, subnitido, glabro sublaevique; lamina ca. 1 m longa, 70 cm lata, deltoideo-ovata, acuminata, tripinnata; pinnis 12—15-jugis (praeter jugum basale) alternis, mediis 40 cm longis, 12—14 cm latis, elongato-oblongis, acuminatis, petiolatis (petiolo 1 cm longo), 10—12 cm a se distantibus; pinnulis secundariis 20—25-jugis, alternis, breviter petiolulatis, 6—7 cm longis, 2 cm latis (basali anteriori majore), lanceolatis, acuminatis, basi subinaequalibus, contiguis; pinnulis ultimis 10—12-jugis, basali anteriori longiore, erecta, rachillas tegente, ceteris minoribus, conformibus, oblongis, obtusis, basi adnatis, latere inferiore breviter decurrentibus, ad medium lobatis; lobis 3-jugis, oblongis, obliquis, contiguis, margine creanto-serratis; nervis in segmentis pinnatis, crassiusculis, infra prominentibus; textura firmuliter chartacea, colore in sicco brunnescente viridi, paginis utrisque sat dense et breviter puberulis; soris ad sinum loborum sitis, uno pro lobo, indusiis semicupuliformibus, pallidis, breviter puberulis.

Yunnan austr., Se-song-ban-nan, Yunnan Complex Expedition No. 7405.

52. **Microlepidia ganlanbaensis** Ching, sp. nov.

Rhizomate repente, 7 mm crasso, pilis brunneis, brevibus sparse strigoso; frondibus distantibus, stipite 40 cm longo, 5—6 mm crasso, pallide stramineo, supra basin nudo laevique; lamina 70—80 cm longa, 40—50 cm medio lata, late ovato-oblonga, acuminata, tripinnata; pinnis ca. 15-jugis, alternis, oblique patentibus, ca. 10 cm a se distantibus, petiolo 1—1.5 cm longo, breviter tomentoso suffultis, basalibus paulo abbreviatis, 22—24 cm longis, 8 cm latis, sequentibus 27—30 cm longis, 8 cm latis, oblongo-lanceolatis, acuminatis, basi subinaequalibus, pinnatis; pinnulis 18—20-jugis, basali anteriori majore, 6—7 cm longa, 1.5 cm lata, oblongo-lanceolata, acuminata, ceteris minoribus, conformibus, basi fere aequalibus, adnatis vel saepe