

产于海南島(白沙县、五指山),生于斜坡次生林下溪旁阴暗处,海拔 800—900 米。

35. 四川鳞盖蕨

Microlepia szechuanica Ching, sp. nov.

根状莖长而匍匐,粗約 5 毫米,褐棕色,有紅棕色粗硬毛貼生。叶远生,柄长约 50 厘米左右,粗 3—4 毫米,通常上面禾稈色,下面灰褐色,无毛,略粗糙。叶片长达 70 厘米,基部寬約 40 厘米,卵状长圓形,先端漸尖,三回羽状,羽片約 12—14 对,互生,柄长 1 厘米,几开展或斜向上,相距 8 毫米,下部的长 25—28 厘米,寬 7—8 厘米,披針形,先端漸尖,基部等寬,二回羽状深裂;一回小羽片 20 对以上,基部的稍长,約 4—5 厘米,寬 1.2—1.5 厘米,闊披針形,短尖头或急尖,基部不等寬,上側近平截或截形,与羽軸并行,下側直楔形,有极短柄(长 2—3 毫米),互生,相距 1.2 厘米,接近,向上漸短,近复瓦状,一回深羽裂;末回裂片 6—8 对,长圓形,先端圓,有鈍齿牙,基部下延,小羽軸下側的較短小,上側的較大,长 1—1.2 厘米,寬 5—6 毫米,邊緣为不規則的波状,或下側为全緣,上側有 2—3 个短裂片。羽片向上漸短,二回浅羽裂,末回裂片全緣,或仅先端有 2—3 个鈍齿牙。叶脉两面隆起,羽状分枝。叶坚革質,干后綠色,上面平滑无毛,下面仅脉上稍有短毛。叶軸上面禾稈色,有浅沟,无毛,下面褐色,有灰色短密毛,羽軸下面亦被同样的毛。孢子囊羣小,位末回裂片的上側,近邊緣着生,1—2 个,基部下側的裂片有 2—3 对;囊羣盖腎形,基部着生,淡綠色,无毛。

特产于四川峨眉山(三清閣,牛心亭附近)。海拔 800 米。

36. 长托鳞盖蕨

Microlepia firma Mett. ex Kuhn in Linnaea XXXVI (1869) 146; C. Chr. Ind. Fil. (1905) 426; Sledge in Kew Bull. No. 3 (1956) 526, 529.

根状莖匍匐,粗 7—8 毫米,分枝,密被紅棕色硬毛。叶近生,柄长约 75 厘米,基部粗 5—6 毫米,粗糙,疏被灰棕色长毛,向上光滑无毛,灰禾稈色。叶片长达 58 厘米,寬約 30—35 厘米,长卵形,三回羽状或四回羽裂;羽片 12—14 对,下部的长 23—26 厘米,基部寬 11—13 厘米,三角状闊披針形,先端漸尖或尾头,基部几等寬,楔形,柄长 1.2—1.5 厘米,互生,斜向上,相距 9—10 厘米,2—3 回羽状深裂;一回小羽片約 15 对左右,下部的长 6—7.5 厘米,寬 2—3 厘米,三角状闊披針形,长尾头,基部不等寬,上方直截,与羽軸并行,下方广楔形,柄长 3—4 毫米,互生,上先出,相距 2 厘米左右,近开展或斜上,一回羽状或二回羽裂;二回小羽片 10—12 对,互生,无柄,上先出,密接,羽軸上側基部一片較长,約 2 厘米,寬約 1 厘米,先端圓,近全緣,基部不对称,上側平截,下側广楔形,不分裂或往往羽状深裂;末回裂片倒卵形,圓鈍头,基部下延,

Rhizomate, stipite ad 60 cm longo, 5—6 mm crasso ut rachi stramineo et breviter griseo-strigoso; lamina ampla, ad 1 m longa, 60 cm medio lata, oblongo-ovata, acuminata, tripinnata; pinnis ca. 10—14-jugis, oblique patentibus, alternis, inferioribus 16 cm a se distantibus, petiolo 1—12 cm longo, 1.5 mm crasso, stramineo, breviter et sparse villosa suffultis, infimis parum abbreviatis, sequentibus 30—34 cm longis, 8—10 cm latis, oblongo-lanceolatis, acuminatis, basi utrinque fere subaequalibus, subtruncatis; pinnulis primariis 20—25-jugis, alternis, 2.5 cm inter se remotis, patentibus, breviter petiolulatis, 4—5 cm longis, ca. 2 cm latis, jugis basalibus parum longioribus, late lanceolatis, obtusis, basi utrinque inaequalibus, acroscopica productis; pinnulis (segmentis) ultimis ca. 6-jugis (in pinnula basali acroscopica 8—9-jugis), subrhomboideo-oblongis, basali anteriori 1.2 cm longa, 7 mm lata, sequentibus minoribus, obtusis, basi breviter cuneatis et ad costam decurrentibus, margine inferiore fere rectis integrisque, superiore lobato-incisis, vel pauca crenato-incisis, interno superiore recto costae parallelis; nervis in segmentis 3—4-jugis, simplicibus aut furcatis, obliquis, infra prominulis, supra ad apicem elongato-incrassatis, pallidis, notatis; textura herbacea, colore in sicco obscurius viridi, inferne ad costas costulasque molliter sed sat sparse villosa, superne ad costas pilis pallidis perpaucis instructa, aliter glabra; soris superficialibus, supra punctatis, 5—6 in segmentis basalibus anterioribus, 3—4 in sequentibus, 1 in supremis, indusiis semicupuliformibus, pallidis, plus minusve hirsutis.

Hainan, without locality, by stream side, leg. *C. Wang* No. 35259, XII, 9, 1933; *F. A. McClure* No. 9480.

31. ***Microlepidia szechuanica*** Ching, sp. nov.

Rhizomate late repente, 5 mm crasso, atro-brunneo, pilis rufo-brunneis, rigidis obtecto; frondibus distantibus, stipite ca. 50 cm longo, 3—4 mm diametro, atro-brunneo, supra basin glabro et scaberulo; lamina ad 70 cm longa, 40 cm basi lata, ovato-oblonga, acuminata, tripinnata; pinnis 12—14-jugis, alternis, obliquis, 8—9 cm inter se remotis, petiolo 1 cm longo, dense piloso ca. 1 mm diametro suffultis, basalibus vix abbreviatis, inferioribus 25—28 cm longis, 7—8 cm latis, e basi latiore lanceolatis, ad apicem acuminatis et subfalcatis, basi utrinque aequalibus; pinnulis primariis ultra 20-jugis, alternis, obliquis, contiguis, basalibus 4—5 cm longis, 1.2—1.5 cm latis, sequentibus gradatim abbreviatis, e basi inaequali et latiore lanceolatis, subfalcatis, breviter acuminatis, omnibus breviter petiolulatis, profunde ad costam pinnatifidis; pinnulis (segmentis) ultimis 6—8-jugis, oblongis, obliquis, confertis, acroscopica majore, 1—1.2 cm longa, 5—6 mm lata, obtusa, margine superiore saepe pauci-incisa et rachillas tegente, sequentibus gradatim minoribus, basi cuneatis et decurrentibus, margine integris, apice pauci-dentatis; nervis in segmentis simplicibus, obliquis, utrinque prominulis, ad apicem in hydathodas punctatas pallidas terminantibus; textura firmiter herbacea vel chartacea, colore in sicco viridi, pagina superiore glabra, inferiore ad costas pilis pallidis, brevissimis perparce conspersa; rachi rachillisque supra glabris, infra dense puberulis; soris parvis, superficialibus, plerumque 5 in segmentis acroscopice, 3—2 in mediis vel 1 in supremis, indusiis reniformibus, basi latissima adnatis, cetera liberis, pallide viridibus, glabris.

Szechuan, Omei Shan, Shan-tsing-koo, under woods, 800 m alt., leg. *R. C. Ching*, No. 210, III, 1956.

33. ***Microlepidia formosana*** Ching, sp. nov.