

无柄,几全緣或向頂端略有鈍齿牙。二回小羽片向上較短,长 1—1.5 厘米,寬 4—6 毫米,长圓形,圓鈍头,浅羽裂,向頂部为全緣。叶脉下面隆起,上面不見,羽状分枝,达于叶边。叶堅紙質或近革質,干后上面深褐色,光滑无毛,下面暗黃綠色,沿叶脉疏生灰色长剛毛,尤以小羽軸上为多;叶軸、羽軸和叶柄同色,下面密被灰棕色短柔毛,上面光滑。孢子囊羣沿末回裂片上側邊緣生于缺刻底部,每片 1—3 个,常成短柱状突出于囊羣盖之外;囊羣盖大,半杯形,淡棕色,密生长毛。

产云南西部(龙陵到騰冲)。海拔 1500 米。上緬甸及印度北部亦有分布。

为一突出的种,叶几为革質,干后上面深褐色,光滑,孢子囊羣常成短柱形連同孢子囊突出囊羣盖外面。

37. 綫羽鳞盖蕨

Microlepia formosana Ching, sp. nov.

根状莖未見。叶片狹长圓形,三回羽状,羽片多数,中上部的长 17 厘米,寬 3—3.5 厘米,披針形,先端漸尖,基部极不等寬,柄长 2—3 毫米,互生,斜向上,二回羽状;一回小羽片 20 对以上,互生,上先出,相距約 6 毫米左右,有柄,基部上側一片最长,約 3—4.5 厘米,漸尖头,基部等寬,柄长 2 毫米,与叶軸并行,羽状,有 10 余对分离小羽片,其余的一回小羽片长 2—2.5 厘米,寬 5—7 毫米,闊披針形,短尖头,基部不对称,上側与羽軸并行,下側广楔形,柄长 1—2 毫米,下面有灰棕色节状毛,斜向上或几开展,羽状深裂几达小羽軸;末回裂片 4—6 对,基部上側一片較寬,长 5 毫米,寬 2—3 毫米,近圓形,与羽軸并行,向上为倒卵形或长圓形,先端有不整齐的 2—3 个小尖齿,下側常为全緣,上側略有不規則矮鋸齿。向頂部的一回小羽片漸短,羽状浅裂,末回裂片仅先端有 1—3 个細尖齿。叶脉下面隆起,明显,上面不見,羽状分枝,达于叶边。叶堅草質,干后上面褐黃色,平滑无毛,下面暗綠色,沿叶脉有較密的灰色长毛伏生;叶軸羽軸上面深棕色,无毛,有浅沟,下面灰褐色,密生灰棕色柔毛。孢子囊羣小,頂部的生末回裂片基部上側近缺刻处,每片一个;中部的上側二个,下側一个;在基部上側的一片較大,常有 2 对;囊羣盖半杯形或碗形,棕綠色、略有毛。

特产台湾。

38. 广西鳞盖蕨

Microlepia straminea Ching, sp. nov.

植株高达 1.2 米,根状莖未見。柄长約 45 厘米,粗 2 厘米左右,草質,深禾稈色,无毛,有光泽。叶片长約 60 厘米,寬 30—35 厘米,长圓形,先端漸尖,三回羽状深裂,羽片約 15 对,下部的长 12—15 厘米,寬 3—4 厘米左右,披針形,漸尖,短尾头,基部

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 pauce 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 acroscopicis, 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.

Rhizomate, rachi ca. 2 mm crassa, fusco-brunnea, dense pilosa; lamina anguste oblonga, acuminata, tripinnata; pinnis in nostro specimine ad 17 cm longis, 3—3.5 cm latis, e basi deltoidea anguste lanceolatis, acuminatis, alternis, magis a se distantibus, obliquis, basi inaequalibus, petiolatis (petiolo 3—4 mm longo); pinnulis ultra 20-jugis, obliquis, breviter petiolulatis, contiguis, basali anteriori maxima, 3.5—4 cm longa, ca 7 mm lata, lanceolata, acuminata, erecta et rachim appressa, sequentibus minoribus, 2—2.5 cm longis, 5 mm latis, oblongo-lanceolatis, acutis, subfalcatis, basi anteriori truncatis, inferiori oblique cuneatis, sursum gradatim abbreviatis; pinnulis (segmentis) ultimis pinnarum acroscopicarum ca. 10-jugis, subrhomboideo-cuneatis, sessilibus, obliquis, a se distantibus, 4—5 mm longis, 2.5 mm latis, acutis, margine anteriore et interiore integris, exteriori parum dentatis, pinnulis sequentibus ca. 5—6-jugis, conformibus, basi plus minusve adnatis; nervis in segmentis ultimis 3—4-jugis, obliquis, simplicibus aut basiscopica furcatis, crassis, inferne prominentibus, superne obscuris; textura folii herbacea, colore in sicco obscure viridi, pagina supra glabra, infra ad costas, costulas nervasque pilis sat longis, adpressis et griseo-brunneis dense oblecta; soris parvis, plerumque 4 in segmentis acroscopicis, 1—2 in sequentibus et omnibus ad marginem anteriorem positus, indusiis semicupuliformibus, pallidis, pilosis.

Taiwan, without locality, leg. *A. Henry* No. 1441.

34. ***Microlepidia straminea*** Ching, sp. nov.

Rhizomate, stipite ca. 45 cm longo, 2.5 mm crasso, herbaceo, stramineo, glabro, lucidoque; lamina ad 60 cm longa, 30—35 cm lata, oblonga, acuminata, tripinnatifida; pinnis ca. 15-jugis, alternis, oblique patentibus, inferioribus 8—12 cm inter se remotis, 12—15 cm longis, 3—4 cm latis, lanceolatis, acuminatis, breviter petiolatis (petiolo 3 mm longo), basi utrinque aequalibus; pinnulis 15—18-jugis, alternis, patentibus, a se distantibus, basalibus longioribus, 2—2.5 cm longis, ca. 1 cm latis, late lanceolatis, sequentibus minoribus, 1.2—1.8 cm longis, 6—8 mm latis, oblongis, obtusis, basi inaequalibus, breviter petiolulatis, utroque costae latere profunde pinnatifidis; segmentis ultimis 5—6-jugis, obovatis, obtusis, crenatis, basali anteriori majore et inciso exceptis; nervis utraque paginae vix notatis; textura herbacea, colore in sicco obscure viridi, utrinque brevissime et sparse villosis; soris minutis, ad sinum segmentorum positus, uno pro segmento, indusiis semicupuliformibus, pallide viridibus, perparce puberulis.

Yunnan occid., from Yen-kiang to Shiwei, 800—1500 m alt., leg. *R. C. Ching* No. 50192, X, 1952.

35. ***Microlepidia lofoushanensis*** Ching, sp. nov.

Rhizomate repente, 8 mm crasso, atro-brunneo, pilis atro-rufis dense oblecto; frondibus approximatis, stipite 40—48 cm longo, 4 mm diametro, brunnescente stramineo, supra basin glabro, fere laevique; lamina 48 cm longa, 25 cm basi lata, ambitu late ovata, acuminata, tripinnata; pinnis 8—10-jugis, alternis, obliquis, inferioribus 7—8 cm inter se remotis, superioribus approximatis, petiolatis (petiolo 6—10 mm longo), 15—17 cm longis, 5—7 cm latis, ovato-lanceolatis vel oblongis, acuminatis, basi utrinque fere aequalibus; pinnulis primariis 10—12-jugis, alternis, contiguis, 3.5—4.5 cm longis, 1.5—1.8 cm latis, oblongo-ovatis, breviter acuminatis vel acutis, basi inaequalibus, antice truncatis, postice oblique cuneatis, omnibus breviter petiolulatis, utroque costae latere profunde pinnatifidis; pinnulis (segmentis) ultimis 5—7-jugis, oblongis, subcuneatis, basali anteriori majore, 1.2—1.5 cm longa, obtusa, margine