

的鈍头;小羽片 6—7 对,有极短柄,或几无柄,狭扇形,长 5—7 毫米,寬 4—5 毫米,基部楔形,下緣及內緣平直,上緣圓弧形,全緣,着生孢子囊羣。上部羽片 9—11 对,有短柄,狭扇形至长圓形,长 7—10 毫米,寬 5—6 毫米。叶脉細,二叉分枝,两面可見。叶草質,干后呈灰綠色;叶軸有四稜,禾稈色至褐色。孢子囊羣长綫形,連續不断,或偶被缺刻中断;囊羣盖膜質,灰棕色,寬 0.5 毫米,远距叶边約 1 毫米。

特产台湾,詳細产地不明。

近于海島陵齿蕨 *L. commixta* Tagawa, 但本种囊羣盖离叶边很远,小羽片較小。又与团叶陵齿蕨 *L. orbiculata* (Lam.) Mett. 很相近,但本种叶片为尾状,羽片叶边为全緣,囊羣盖离叶边很远。

16. 嚼蝕陵齿蕨

Lindsaea conformis Ching, sp. nov.

植株高达 36 厘米。根状莖短而橫走,密被紅棕色的狭小鱗片,其长约 2 毫米。叶近生;叶柄长 12—23 厘米,栗色,上部为棕栗色至禾稈色,下面圓形,上面有闊沟,光滑;叶片长三角形,长 9—16 厘米,寬 9—12 厘米,向頂端为漸尖头,上部 $1/4$ — $1/3$ 为一回羽状,以下为二回羽状;羽片对生至近对生,上部互生,开展,有长约 1 毫米的短柄,下部羽片 5—7 对,披針形,长 2.5—7 厘米,寬 1.3—3 厘米,一回羽状,向頂部为羽状分裂的漸尖头;小羽片 8—11 对,有长约 1 毫米的柄,对开式,狭扇形至短长圓形,长 8 毫米,寬 4—5 毫米,基部楔形,下緣及內緣平直,上緣圓弧形,有嚼蝕状細齿牙,不育羽片的上边为銳齿牙,浅裂或全裂成狭扇形的二回小羽片;基部的一对小羽片长 10—15 毫米,寬約 8 毫米,再分裂成狭扇形的二回小羽片。上部 $1/3$ — $1/4$ 的羽片 6—8 对,有短柄,狭扇形至短长圓形,与基部小羽片相似。叶脉細,二叉分枝,两面可見。叶薄草質,干后呈灰綠色;叶軸下面圓,上面有浅沟,禾稈色,下部色較深。孢子囊羣长綫形,为缺刻所中断,囊羣盖膜質,棕色,寬 0.5 毫米,远距叶邊緣約 0.5 毫米。

产广东(从化县)。特产。

近 *L. tenera* Dry., 但本新种叶邊緣有嚼蝕状細齿牙,囊羣盖离叶緣較远,可以区别。

17. 海島陵齿蕨 (中国植物分类学报,第六卷)

Lindsaea commixta Tagawa in Acta Phytotax. et Geobot. VI (1937) 37, f. 3 H-J.

植株高达 55 厘米。根状莖短而橫走,密被棕紅色的狭披針形鱗片。叶近生;叶柄长 34 厘米,有四稜,暗栗色,有光泽,上部漸淡,变为棕禾稈色,光滑;叶片卵圓形,上

leg. *R. C. Ching* No. 5940, under woods, VI, 13, 1928. Yunnan, Mar-li-po, Bar-bu, under dense woods, leg. *C. W. Wang* No. 86578, II, 3, 1940.

15. ***Lindsaea taiwaniana*** Ching, sp. nov.

Species configuratione *L. commixtae* Tagawa proxime affinis, recedit pinnulis multo minoribus et indusiis e margine magis remotis.

Rhizomate breve, repente, paleis lineari-subulatis, atro-ferrugineis oblecto; frondibus numerosis, approximatis, stipite usque ad 21 cm longo, tenui, atro-castaneo, supra medium stramineo, tereti, supra anguste sulcato; lamina 9—11 cm longa, 7—8 cm basi lata, deltoidea, parte apicali simpliciter pinnata et in caudum linearem 5—7 cm longum 1.5 cm basi latum subito contracta; pinnis ca. 3-jugis inferioribus prolongatis, linearibus, distantibus, pinnatis, oppositis, basalibus majoribus, cauda terminali similibus, 4—6.5 cm longis, 1—1.5 cm latis, breviter petiolatis, patentibus vel parum incurvatim obliquis; pinnulis utroque 5-12-jugis, 6—7 mm longis, flabelliformibus vel rhomboideis cum margine inferiore et interiore rectis, exteriore aut anteriore rotundatis, integris, vel minutissime denticulatis, rarius 1-2-incisis; nervis utrinque notatis, textura folii herbacea, sat firma, colore in sicco obscure viridi; soris continuis rarius interruptis, indusiis angustatis, griseis, e margine magis remotis (margine exteriore quam indusio duplo latiore).

Taiwan, leg. *W. Hancock* No. 10 (typus), No. 128.

16. ***Lindsaea conformis*** Ching, sp. nov.

Species statura *L. tenerae* Dry., differt pinnulis fertilibus margine eroso-denticulatis, sterilibus acute dentatis, indusiis e margine magis remotis.

Rhizomate breve, repente, paleis lineari-subulatis, luteo-ferrugineis dense oblecto; frondibus numerosis, approximatis, stipite usque ad 22 cm longo, tenui, rufo-brunneo vel sursum stramineo, nitido, infra tereti, supra sulcato; lamina 9—16 cm longa, 6—10 cm basi lata, elongato-deltoidea, acuminata, bipinnata infra apicem acuminatum pinnatifidum; pinnis pinnatis, 5-7-jugis, obliquis, oppositis vel subalternis, basalibus majoribus, 4—7 cm longis, late lanceolatis, acutis, breviter petiolatis; pinnulis 6-12-jugis, contiguis, 4—6 mm longis, flabelliformibus vel dimidiato-rhomboideis, latere inferiore interioreque rectis, superiore exterioreque lobato-incisis, lobulis vix 2—3 mm longis et latis, margine eroso-denticulatis vel in foliis sterilibus acute grosso-dentatis; soris 2—3 pro pinnula vel uno pro lobulo, venas 2—5 occupantibus, indusiis angustatis, griseis, e margine magis remotis.

Kwangtung, Tsung-hwa Hsien, Sam Kok Shan, leg. *W. T. Tsang* No. 24950, III, 1—16, 1936.

19. ***Lindsaea liankwangensis*** Ching, sp. nov.

Lindsaea orbiculata var. *deltoidea* Wu, Pong et Wong in Bull. Dept. Biol. No. 3 (1932) t. 58—*L. chienii* var. *deltoidea* Tagawa in Acta Phytotax. et Geobot. VI (1937) 37.

Rhizomate breve, repente, paleaceo; frondibus approximatis, stipite 12 cm longo, atropurpureo, infra tereti, supra plano, marginato; lamina 10—12 cm longa basi lata, deltoidea, acuminata, bipinnata infra apicem acuminatum pinnatifidum; pinnis ca. 10-jugis, patentibus, breviter petiolatis, alternis vel suboppositis, inferioribus 4-5-jugis, pinnatis, distantibus, superioribus simplicibus, approximatis, infimis longioribus, 5—6 cm longis, 1.2—1.5 cm latis, lanceolatis, infra lobum apicalem deltoideo-acuminatum sat magnum indivisum pinnatis; pin-