

无毛。孢子囊羣位于叶片上部 2/3，着生于短裂片頂端，每羽片有 1—6 个；囊苞倒长圓錐形，長約 1.5 毫米，寬約 1 毫米，兩側有翅，其下的裂片不縮狹，口部不膨大或稍膨大，淺裂为圓形的兩唇瓣；囊羣托突出，長 2—3 毫米。

产于浙江(宁波)、福建(廈門)、广东(連县)、广西(凌云)。生于山谷中岩石上。除我国东南部外，印度、老撾、越南、日本及朝鮮等地也有分布。

12. 云南假脉蕨

***Crepidomanes yunnanense* Ching et Chiu, sp. nov.**

植株高 4—6 厘米。根状莖纤细，粗綫状，粗 0.5 毫米，横走，黑色，密被黑褐色的短毛。叶远生，相距 1.5—2 厘米；叶柄短，不超过 1 厘米，粗約 0.3 毫米，深綠褐色，兩側有稍褶皱的翅几达基部，翅的邊緣有睫毛；叶片卵形至长圓形，長 3.5—5.5 厘米，寬 2—2.5 厘米，先端鈍圓，基部近心脏形，二回或略为三回羽裂；羽片 8—10 对，基部 1 对几对生，其余的互生，无柄，下部的开展，上部的稍斜向上，长圓状斜卵形，長 0.5—1.5 厘米，寬約 5 毫米，下部几对間隔 2—3 毫米并且稍縮小，其余的密接呈复瓦状，先端鈍圓，基部闊斜楔形，深羽裂几达有闊翅的羽軸；小羽片 3—4 对，互生，无柄，斜向上，闊楔形至略呈扇形，長 3—4 毫米，寬 2.5—3.5 毫米，先端截形，基部下側下延，密接，上部淺指裂；末回裂片 2—5 个，几并行，长圓状綫形，長 1—1.5 毫米，寬 0.5—1 毫米，急尖头，全綠，单一或分叉。叶脉叉状分枝，两面明显隆起，淡黑褐色，无毛，末回裂片有小脉 1 条，不达到裂片先端，沿叶緣无連續不断的假脉，在稍近叶边处有 2 行断續而与叶脉并行或几并行的假脉。叶为薄膜質，半透明，干后暗綠至綠褐色，无毛。叶軸淡黑褐色，全部有平直的翅，翅的下部稍有睫毛，叶軸及羽軸均稍曲折。孢子囊羣生在叶片上半部，着生于向軸的短裂片頂端，每羽片有 1—6 个；囊苞倒长圓錐形，長約 1.5 毫米，寬約 1 毫米，兩側有狹翅，其下的裂片不縮狹，口部稍膨大，淺裂为闊圓形的兩唇瓣；囊羣托突出，長約 2 毫米，褐色，通直。

云南东南部(河口，南溪)特产。生于海拔 200 米处。

13. 琼崖假脉蕨 (中国植物分类学报，第八卷)

***Crepidomanes smithiae* Ching in Acta Phytotax. Sinica VIII (1959) 138.**

小形附生植物，植株高 3—5 厘米。根状莖长，横走，纤细如粗綫状，直径約 0.5 毫米，黑褐色，密被褐色开展的短毛。叶远生，相距 1 厘米以上；叶柄很短，長 1—4 毫米，灰褐色，光滑无毛，兩側有較闊的翅达到或接近基部，翅的邊緣有黑褐色的睫毛；叶片橢圓形，長 3—5 厘米，中部寬 1.2—2.5 厘米，兩端均稍狹，二回羽状深裂；羽片 7—9 对，互生，无柄，开展或稍向上，长圓形，中部的最大，長 1—1.5 厘米，寬 5—7 毫米，

abbreviatis, sequentibus longioribus, 2.7—3.5 cm longis, ca. 1 cm latis, elongato-oblongis, obtusiusculis, basi cuneatis, ad costam alatham pinnatis; pinnulis 6—7-jugis, infimis pinnatifidis, mediis 2—4 subflabellatim furcatis, supremis simplicibus, omnibus segmentis lineari-lanceolatis, 4—6 mm longis, ca. 1 mm latis, apice angustatis acutisque, integris, planis; nervis crassis parenchymate concoloribus, venulis spuriis sat longis, densis, parallelis, ad costulam segmentorum oblique procurrentibus; textura folii herbacea, pellucida, colore in sicco pulcherrime viridi, paginis utrisque glabratis nudisque; soris in segmentis basalibus pinnarum terminalibus, basi immersis, involucri ca. 2 mm longo, viridi, dimidia parte inferiore anguste obconico-tubuloso, e basi attenuata sensim explanato, utroque angustissime marginato, dimidia parte superiore bifido, valvis deltoideis, quam tubo parum brevioribus, apice acutis, integris, basi truncata latissime dilatata, quam ore tuborum magis latiore, receptaculo incluso.

Yunnan austr.-orient., Ping-pien Hsien, Ta-wei Shan, 1400 m alt., *V. M. Chu* No. 40.

9. **Crepidomanes omeiense** Ching et Chiu, sp. nov.

Epiphyticum ad truncos arborum. Rhizomate late repente, ultra 1 mm crasso, densissime nigro-piloso, radiculis destituto; frondibus distantibus, glabratis, stipite 1—2.4 cm longo, olivaceo-viridi, prope laminam anguste decurrenti-alato, parte inferiore exalato, lamina 4—8 cm longa, 1.5—2 cm lata, ovata ad oblonga, acutiuscula, tripinnatifida, rachi compressa, anguste marginata; pinnis 6—10-jugis, obliquis, confertis vel laxis, 1—2 cm longis, 4—7 mm latis, oblongis vel linearibus, obtusis, pinnatifidis; pinnulis 3—6-jugis, obliquis, basali anteriori majore pinnatifidis, sequentibus 2—3-furcatis, supremis simplicibus; segmentis ca. 3 mm longis, vix 1 mm latis, linearibus, apice angustatis subacutisque, margine integris, planis vel sicco convolutis; nervis crassis prominulis, concoloribus, venulis spuriis inter costulas et marginales 1—2 serialibus, flexuosis, interruptis, parallelis; textura folii herbacea, pellucida, viridi, soris in axillis pinnulium sitis, exsertis, involucri infundibuliformi, e basi attenuata versus orem gradatim expanso, ore breviter bilabiato, valvis extus subtruncatis vel rotundatis, integris, receptaculo non vel brevissime exserto.

Szechuan, Omei Shan, from Chiu-lao-tung to Se-shiang Chu, leg. *S. C. Chen* No. 10039, VIII, 16, 1953.

10. **Crepidomanes paucinervium** Ching, sp. nov.

Species statura *C. omeiensis* Ching et Chiu affine, differt indusiis brevioribus, latioribus et lobis soriferis vix angustatis suffultis, venulis spuriis perpaucis, saepius lineas singules interruptas solum formantibus.

Szechuan bor.-occid., leg. *H. H. Smith* No. 2002.

11. **Crepidomanes yunnanense** Ching et Chiu, sp. nov.

Rhizomate late repente, 1 mm crasso, dense nigro-tomentoso; frondibus distantibus, erectis, stipite breve, 3—5 mm longo, anguste alato, margine decidue nigro-ciliato; lamina 5—6 cm longa, 1.8—2.3 cm lata, elongato-oblonga, obtusa, pellucida, colore in sicco viridi vel obscure viridi, glabrata, bipinnata; pinnis 10—12-jugis, confertis, alternis, oblique patentibus, basi ad alam latam rachidis confluentibus, inferioribus 1—2-jugis brevioribus, sequentibus majoribus, mediis 1—1.4 cm longis, 6 mm latis, oblongis, obtusis, profunde pinnatifidis; pinnulis 3—4-jugis, omnibus subflabellatim furcatis, vel superioribus bifidis; lobis 2—3 mm longis, 1 mm latis, apice angustatis, subacutisque, margine integris, planis; nervis utrinque prominulis, venulis

spuriis 1—2 seriatis, interruptis, prope marginem positis; soris in dimidia parte apicali in axillis pinnulium insidentibus, utroque costae latere 2—3-jugis, 1.5 mm longis, involucro viride, glabro, inferne obconico-tubuloso, aequaliter angustato, e basi attenuata immersa versus orem sensim valde expanso, apice late rotundato, integro, leviter bilabiato, receptaculo atro-fusco, crasso, saepius exserto, longioreque.

Yunnan austr.-orient., Hokou, Nan-chi, 200 m alt., on tree trunks, leg. V. M. Chu No. 2741, (1955).

Vandenboschia Cop.

7. Vandenboschia lofoushanensis Ching sp. nov.

Rhizomate late repente, 2 mm crasso, atro-fusco-tomentoso; frondibus distantibus, erectis, stipite 6—10 cm longo, pallide viride, glabro, per totam longitudinem ut rachi alato, ala crispato-undulata, viridi, 2.4 mm lata, deorsum ad pedem stipitis anguste decurrente; lamina 9—10 cm longa, 5—6 cm lata, ovata vel oblongo-ovata, 3—4-pinnatifida, rachi alata (ala lata, plana vel saepius satis undulata), herbacea, glabra, colore in sicco pallide viridi; pinnis ultra 10-jugis, obliquis, contiguis vel subimbricatis, alternis, petiolatis (petiolo 2—3 mm longo, late alato), basalibus non abbreviatis, latioribus, deltoideo-ovatis, obtusis, ad 3 mm longis, 2 cm latis, basi subcordatis, sequentibus sensim abbreviatis, oblongis, basi inaequalibus, antice rectis, postice obliquis, ad rachillam alatum undulatam pinnatis; pinnulis primariis oblongis, (vel basiscopica in pinna infima deltoideo-ovata), anadromice dispositis (sed basali anteriori haud majore et producta), 1—1.2 cm longis, 5 mm latis, omnibus profunde ad costam alatum pinnatifidis; segmentis in pinnis infimis iterum 2—3-furcatis, in superioribus simplicibus vel furcatis, omnibus linearibus vel lineari-ligulatis, 3—5 mm longis, vix 1 mm latis, apice parum angustatis obtusisque, margine integris, planis; soris ad partem superiorem frondis restrictis, axillaribus, acroscopicis, sessilibus, involucro usque ad 2 mm longo, viride, e basi angustiore infundibuliforme, utroque latere angustissime marginato, ore leviter dilatato, nec bilabiato, sed integro, receptaculo gracili, exserto, ca. duplo longiore quam involucro.

Kwangtung, Lo-fou Shan, on rocks, leg. N. K. Chun No. 41494, VIII, 2, 1930.

Selenodesmium (Prantl) Cop.

3. Selenodesmium recurvum Ching et Chiu, sp. nov.

Rhizomate breve, repente vel suberecto, radiculoso, uti stipite pilis atro-rufis sat longis, articulatis sparse oblecto; frondibus fasciculatis, rigidis, erectis, stipite 5 cm longo, vix 1 mm crasso, duro, terete, obscuro-olivaceo, primum sat dense pilis iisdem rhizomatis patentibus onusto, demum supra basi subglabrescente; lamina ad 10 cm longa, 3 cm lata, anguste oblonga, bipinnata, acuminata, rachi tereti, exalata, inferne rufo-pilosa, superne glabrata; pinnis 12—15-jugis, oblique patentibus, sese separatis, petiolo ca. 2 mm longo, terete, exalato, pustulato-puberulo suffultis, inferioribus oppositis, infimis parum vel vix abbreviatis, sequentibus 2—2.5 cm longis, 8—10 mm latis, lanceolatis, subfalcatis, acutis vel subacuminatis, basi inaequalibus, antice rectis, postice cuneatis, pinnatis; pinnulis infra apicem pinnatifidum 6—8-jugis, valde obliquis, approximatis, basali anteriori majore, 6—7 mm longa, sequentibus gradatim minoribus, omnibus subsessilibus, ad costam anguste decurrentibus, utroque costulae