

盖羽軸。叶脉上面明显,下面隱約可見,从近基部处分叉,每裂片有 12—14 对。叶几为革质,干后上面呈暗綠色,下面呈灰白色,光滑无毛。羽軸深稻桿色,上面两侧有隆起的边,在边的附近偶有深褐色的糠秕状毛。孢子囊羣圓形,在裂片中肋两侧各有一行,稍接近中肋,着生于上侧小脉的近基部,每裂片有 10—12 对。

特产海南島(定安县,五指山)。生于山頂。

12. 灰里白

Hicriopteris reflexa Ching et Chiu, sp. nov.

植株高約 3 米。根状莖橫走,圓柱形,粗約 5 毫米,被暗紫色的披針形鱗片。叶远生;叶柄扁,上面具縱沟,暗棕色,略有小疣状突起,基部被鱗片,粗約 7 毫米。一回羽片长过 100 厘米,长圓形,闊 35 厘米;小羽片多数,互生,平展或稍斜向上,相距約 3 厘米,彼此不接近,几无柄,长約 20 厘米,寬約 3 厘米,狭披針形,頂端近尾状长漸尖,基部不变狭,羽状深裂几达小羽軸;裂片約 60 对,互生,平展,或近水平斜展,基部一对反折而复盖在羽軸上,长 12—15 毫米,寬約 3.5 毫米,頂急尖或鈍,基部汇合,缺刻狭尖,边缘全緣,干后稍內捲。中脉上面平,下面凸起,側脉上面不明显,下面明显,叉状,斜展,直达叶緣。叶坚紙质,上面綠色,无毛,下面灰綠色,沿小羽軸及中脉疏被棕色短星状毛,后几变光滑。孢子囊羣圓形,中生,一列,着生于每組上侧小脉上,由 4—5 个孢子囊組成。

特产于四川南部(屏山)。海拔 1400 米。

13. 假里白

Hicriopteris glaucoides Ching, sp. nov.

植株高約 3 米。根状莖橫走,圓柱形,粗約 4.5 毫米,暗棕色,被棕色而有光泽的长披針形鱗片。叶柄长 30 厘米以上,下面圓,上面平,粗約 5 毫米,暗棕色,光滑。羽片长圓形,长約 90 厘米,寬約 28 厘米,基部不变狭;小羽片多数,互生,相距約 2.2 厘米,平展,彼此相接,几无柄,长約 16 厘米,寬 2—2.5 厘米,狭披針形,向頂端长漸尖,基部不变狭,羽状深裂几达小羽軸;裂片約 35 对,近水平斜展,长 10—11 毫米,寬約 3.5 毫米,先端圓或鈍,基部汇合,缺刻狭尖,边缘全緣,干后內捲。中脉上面平,下面凸起,側脉两面不太显著,叉状,斜展而达叶緣。叶坚紙质或近革质,上面干后黃綠色,无毛,下面灰白色,疏被棕色短星状毛或后变光滑。一回羽軸上面平,有边,下面圓,粗約 3 毫米,淡褐色,光滑。

特产于云南东南部。

14. 峨眉里白

13. *Hicriopteris glaucoides* Ching, sp. nov.

Rhizomate late repente, 4—5 mm diametro, tereti, lignoso, sordide brunneo, ad apicem paleis rufis, lanceolatis, acuminatis, integris, adpresse oblecto; frondibus 10 cm a se distantibus, erectis, stipite in specimine incompleto, 40 cm longo, 4—4.5 mm crasso, griseo-stramineo, nudo, laevi, teretique; pinna ad 80 cm longa, 30 cm medio lata, acuminata, rachilla 2.5 mm crassa, pallide olivaceo-brunnea, inferne tereti, superne plana, utroque latere anguste marginata; pinnulis numerosis, alternis, recto-patentibus, contiguis, subsessilibus vel fere sessilibus ad 15 cm longis, 2.8 cm latis, apicem versus gradatim acuminatis, basi truncatis non angustatis, profunde pinnatifidis; segmentis ultimis 40—50-jugis infra apicem acuminatum pinnatifidum, subrecte patentibus, contiguis, 1.2—1.5 cm longis, 3 mm basi latis, e basi latiori lanceolatis, apicem versus angustatis sed obtusis, integris, basalibus superioribus aequalibus, margine integris et leviter revolutis; nervis ca. 15-jugis, patentibus, e basi furcatis, utrinque indistinctis, costa pinnularum supra late sulcata, infra elevata; textura folii crasso-chartacea vel subcoriacea, glaberrima, supra flavescens-viridi, infra glaucescenti; soris ignotis.

Yunnan austr.-orient., leg. *H. T. Tsai* No. 52531.

14. *Hicriopteris omeiensis* Ching et Chiu, sp. nov.

Planta 2—2.5 cm alta, inclinata, stipite ultra 1 m longo, 5 mm diametro, olivaceo, nudo, infra tereti, supra plano et utroque latere marginato; lamina ampla, ca. 3 m lata; pinnis unijugis, divaricatis, 1.5 m longis, ultra 30 cm latis, acuminatis, basin versus parum angustatis, sessilibus; pinnulis numerosis, alternis, 15—18 cm longis, 2.5 cm latis, recte patentibus, contiguis, subsessilibus, lineari-lanceolatis, acuminatis, ad basin truncatam non angustatis; segmentis 60-jugis, contiguis, subpatentibus, 1.3—1.5 cm longis, 3 mm supra basin latis, linearibus, ad apicem parum angustatis, obtusis vel interdum acutiusculis, integris, margine integris et leviter recurvatis; nervis 18-jugis, subpatentibus, e basi unifurcatis, venulis utrinque prominulis, mesophyllo concoloribus; rachilla parte inferiore ca. 4 mm crassa, glabra, laevi, nitente, infra tereti, supra plana et utroque latere anguste marginata; costa pinnularum infra tereti, supra late sulcata; textura folii firmuliter herbacea, glabra, supra viridi, infra glaucescente virescente; soris parvis, medialibus, in venula anteriore furcae ramorum uniseriatim positae, sporangiis 3—4.

Szechuan austr., Omei Shan, Fu-hoo-zse, alt. 800 m, under *Cunninghamia* forest, in glens, leg. *R. C. Ching* No. 84, III, 28, 1956.

15. *Hicriopteris remota* Ching, sp. nov.

Planta ca. 1.5 m alta, stipite 8 mm crasso, olivaceo-virente, glabro; lamina ampla, ca. 1.5 m lata, pinnis duabus terminalibus divaricatis, sessilibus, ad 60 cm longis, 30 cm latis, acuminatis; pinnulis numerosis, recte patentibus, ad 15 cm longis, 2.3—2.5 cm latis, lineari-lanceolatis, sensim acuminatis, ad basin truncatam non abbreviatis, omnibus oppositis, inferioribus 3.5 cm et superioribus 2.8 cm a se remotis; segmentis ultimis 25—30-jugis, contiguis, patentibus, 10—12 mm longis, ca. 3 mm latis, apice obtusis, retusis, margine planis; nervis patentibus, furcatis, utrinque prominulis; textura herbacea, supra viridi, glabra, infra glaucescente, ad nervam et marginem primum pilis stellatis pallide brunneis persparse conspersa, aetate nudescente; soris medialibus in venula anteriore furcae nervorum positae, sporangiis plerumque 3.

Szechuan austr., Omei Shan, Hai-lung-kiang on the way to Nu-shing-ting, leg. *S. C. Cheng* No. 30005, VI, 30, 1955.