

生,几无柄,相距 1.8—2.1 厘米,平展,长 14—24.5 厘米,宽 2.4—3.2 厘米,狭披针形,顶端长渐尖,基部不变狭,羽状深裂;裂片 40—50 对,互生,近水平斜展,长 11—17 毫米,宽约 3 毫米,披针形或狭披针形,顶端或钝,基部汇合,缺刻尖,边缘全缘,干后强烈内卷。中脉上面凹陷,下面凸起,侧脉两面均不甚明显,叉状,斜展直达叶缘。叶纸质,上面绿色无毛,下面灰绿色或灰白色,沿中脉及侧脉疏被棕色短星状毛,后变光滑。叶轴暗深棕色或淡棕色,下面圆,上面平,两侧有边;一回羽轴光滑,淡黄褐色,基部粗 4 毫米,上部粗 2 毫米。孢子囊椭圆形,一列,中生,着生于每组上侧小脉上,由 3—5 个孢子囊组成。

特产云南东南部(屏边,大围山)。

10. 绿里白

Hicriopteris maxima Ching, sp. nov.

植株高约 2 米。柄长约 1 米,粗 5—7 毫米,棕禾秆色。羽片有极短柄,椭圆形,长过 100 厘米,宽约 50 厘米,顶端渐尖,基部稍变狭;小羽片多数,平展,互生或近对生,相距约 3.2 厘米,几无柄,长 20—25 厘米,宽 2.5—4 厘米,长狭披针形,顶端长渐尖,基部不变狭,羽状深裂;裂片 50—70 对,互生,近水平斜展,长 1.5—2 毫米,宽 3—3.8 毫米,狭披针形,有时线形,顶端圆,偶而微凹,基部汇合,缺刻狭尖,基部一对裂片的下基部伸出一对垂直的线形裂片,长 2—4 毫米,并复盖在羽轴上,边缘全缘,有时浅波状,干后稍内卷。中脉上面凹陷,下面凸起,侧脉两面明显,叉状,斜展,直达叶缘。叶草质,干后微透明,上面绿色,无毛,下面淡绿色,沿中脉及叶缘疏被棕色短星状毛,后变光滑。羽轴棕色,下面圆,上面平,两侧有边。孢子囊椭圆形,淡黄色,一列,中生,着生于每组上侧小脉弯弓处,约由 3 个孢子囊组成。

特产于四川(峨眉山)。生石壁下阴湿处,海拔约 1200 米。

11. 海南里白(中国植物分类学报,第八卷)

Hicriopteris simulans Ching in Acta Phytotax. Sinica VIII (1959) 133.

羽片为长圆披针形,长可达 1 米,宽 34 厘米,先端渐狭,二回羽状深裂;小羽片 30—40 对,线状披针形,长约 15 厘米,宽 2—2.7 厘米,先端稍狭,基部不变狭,近对生或互生,相距 2.5—3.5 厘米,平展,无柄或几无柄,顶部的小羽片渐缩短,篦齿状深裂几达小羽轴;裂片约 35—40 对,狭线形,长 1.2—1.4 厘米,基部宽 2.5—3 毫米,先端短尖,基部稍宽而连合,平展,边缘全缘,干后略反卷,近基部的几对生,其余的互生,上部的裂片渐缩短,各裂片相距 1—1.5 毫米,缺刻短尖;基部一对裂片不缩短,通常略反曲而复盖羽轴,其基部两侧各有一个平展的线形小裂片,向轴的一个较长并被

leg. K. M. Feng No. 4823, X, 10, 1954.

5. **Hicriopteris rufo-pilosa** Ching et Chiu, sp. nov.

Species *H. rufae* Ching valde affinis, differt stipite rachique laevibus, nec asperulis, rachillis pinnarum inferne pilis stellatis brevioribus et paleis perpaucis obtectis, pagina inferne ad costas nervasque pilis stellatis minutis pallidioribus sparse vestita aliter subglabra.

Yunnan occid., Tali, west flank of Chong Shan, leg. C. Y. Wu No. 11825. IX, 5, 1938; Yon-ning Hsien, leg. Wang Han-Chen No. 3541, III, 25, 1941.

9. **Hicriopteris critica** Ching et Chiu, sp. nov.

Species gregis *H. maximae* Ching et Chiu, differt lamina subcoriacea, infra glaucescente, et pilis stellatiformibus sparsis persistentibusque conspersa, pinnulis angustioribus, segmentis omnibus aequilongis, nervis infra obscuris.

Planta verisimiliter ad 3 m alta, stipite 7 mm crasso, lignoso, glabro, fusco-brunneo; pinnis ad 90 cm longis, 40 cm latis, basin versus parum decrescentibus, rachilla 5 mm crassa brunnescente straminea, rigida, infra tereti, supra plana, marginata; pinnulis numerosis, recte patentibus, alternis, contiguis, 24 cm longis, ca. 3 cm latis, linearibus, acuminatis, sessilibus, basi non angustatis, truncatis; segmentis 40-50-jugis, rectis, 11—17 mm longis, ca. 3 mm latis, ad apicem gradatim angustatis, obtusis, integris, margine valde revolutis; nervis subpatentibus, unifurcatis, utrinque obscuris, costis pinnulium infra elevatis, supra late sulcatis, ad costas venasque sparse stellato-tomentosis; textura folii subcoriacea, superne viridi, glabra, infra glaucescenti; soris parvis, medialibus, sporangiis 3—5.

Yunnan austr.-orient., Ping-pien Hsien, Ta-wei Shan, leg. R. C. Ching No. 55. VII, 20, 1952.

10. **Hicriopteris maxima** Ching, sp. nov.

Planta ad 2 m alta, stipite ca. 1 m longo, 5—7 mm crasso, apice semel dichotome furcato; pinnis divaricatis, ad 100 cm longis, 50 cm latis, acuminatis, basi versus parum angustatis; pinnulis numerosis, recte patentibus, approximatis, suboppositis, 3.2 cm a se remotis, 20—25 cm longis, 2.5—4 cm latis, lineari-lanceolatis, acuminatis, basi truncatis et non angustatis; segmentis 50-70-jugis, subrectis, 1.5—2 longis, 3—3.8 mm latis, linearibus, irregulariter inaequilongis, ad apicem parum angustatis, obtusis, integris aut interdum leviter retusis, basalibus unijugis ad rachillam appressis, uno segmento basiscopico 3—4 mm longo, lineari, integro, acuminato instructis, margine planis; nervis subpatentibus, ca. 20-jugis, furcatis, venulis utrinque fere prominulis, costis pinnulium supra late sulcatis, infra elevatis, textura folii tenuiter herbacea, supra virente, infra concolorata (an semper?), glabra; soris parvis, medialibus, in flexura venulae anteriorae furcae ramorum uniseriatim positos, sporangiis 4.

Szechuan austr., Omei Shan, alt. 1200—1400 m, under rock cliff, leg. W. P. Fang No. 3367, VIII, 26, 1928.

12. **Hicriopteris reflexa** Ching et Chiu, sp. nov.

Species gregis *H. simulantis* Ching, differt major, lamina infra glaucescente-virente, pinnis lateralibus ad 20 cm vel ultra longis, 3.5 cm latis, segmentis basalibus unijugis valde reflexis et rachillas tegenteibus, stipite ut tota planta glaberrimo.

Szechuan, Ping-shan Hsien, leg. F. T. Wang No. 22736,