

中国节肢蕨属 (水龙骨科) 新资料*

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摘要 本文报道灰茎节肢蕨和片马节肢蕨。前者是新组合的一变种, 同时也是中国 and 云南的新记录, 后者是中国云南的一新变型。

关键词 节肢蕨属, 新组合, 新变型, 新记录, 中国

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New Materials of *Arthromeris* (Polypodiaceae) from China

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Abstract *Arthromeris himalayensis* (Hook.) Ching var. *niphoboloides* (Clarke) S. G. Lu, comb. nov. and *Arthromeris elegans* Ching form. *pianmaensis* S. G. Lu, form. nov. are reported in this paper. The former is also new record to Yunnan, China, and the latter is a new form. from Yunnan Province, China.

Key words *Arthromeris*, New combination, New forma, New record, China

灰茎节肢蕨(新拟)

Arthromeris himalayensis (Hook.) Ching var. ***niphoboloides*** (Clarke) S. G. Lu, comb. nov.
—— *Polypodium venustum* Wall. ex Clarke var. *niphoboloides* Clarke in Trans. Linn. Soc. II. Bot. 1:567. 1880.

Yunnan(云南): Dali Cang Shan (大理苍山), H. C. Wang (王汉臣) 243 (KUN), 244 (KUN), 854 (KUN); *ibid.* (同地), R. C. Ching (秦仁昌) 22760 (KUN). Epiphyte, on rocks. New record to China/Yunnan (石上附生。中国/云南新记录)。

Distribution: Bhutan (不丹) and Yunnan, Type from Bhutan.

This variety differs from *Arthromeris himalayensis* (Hook.) Ching in having a more tomentose on lower surface of the pinnae, the sori are buried in the tomentum. (In *Arthromeris himalayensis*, both surfaces of the pinnae are pubescent, but the sori are not buried in the hairs).

该变种与喜马拉雅节肢蕨的区别在于羽片背面具有厚的毡毛, 孢子囊群埋藏于毛被中。(喜马拉雅节肢蕨的羽片两面被柔毛, 但毛被不覆盖孢子囊群)。

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常, 其毛被特征与灰茎节肢蕨的原始描述相吻合, 但作者未见该变种的模式标本。

片马节肢蕨(新变型)

Arthromeris elegans Ching form. *pianmaensis* S. G. Lu, form. nov.

A typo differt pinnis infra pubescentibus.

Yunnan(云南): Lushui(泸水), Pianma(片马), alt. 2 100 m, epiphyte, on tree-trunks, 1980-09-19, W. M. Chu et al. (朱维明等) 11372 (Holotypus, PYU); *ibid.*(同地), alt. 2 600 m, 1980-09-17, W.M. Chu et al. 11257(B) (Paratypus, PYU); *ibid.*, alt. 2 600~2 700 m, 1978-08-02, W.M. Chu et al. 3728(Paratypus, PYU).

Rhizoma long-creeping, 4~5 mm diam., densely scaly, the scales ovate-lanceolate, peltate, broad at base, acuminate at apex, ciliate, brown on centre, pale towards margins. Stipes 15~20 cm long, dark stramineous or brown, glabrous. Laminae ovate-oblong, 25~35 × 20~22 cm, imparipinnate. Pinnae 3~4 pairs, opposite, ovate-lanceolate, 15~20 × 2~3 cm, sessile, cuneate or broad cuneate at lower part, obliquely subcordate at base, extremely long-caudate at apex, entire at margins with hyaline membrane. Veins anastomosing to form areoles with included veinlets, veinlets hardly visible. Texture herbaceous, glabrous on upper surface, pubescent on underside. Rachis glabrous. Sori large, round, in 2~3 rows on either side of costa, close to the costa.

This forma resembles *A. elegans* Ching, but can be distinguished by its pubescent beneath.

该变型与原变型的区别在于羽片背面被柔毛。

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