

中国四川柳属一新种

方振富

Alexei K. Skvortsov

(沈阳应用生态研究所, 沈阳 110015) (俄罗斯科学院总植物园, 莫斯科 127276, 俄罗斯)

A NEW SPECIES OF *SALIX* FROM SICHUAN, CHINA

Fang Zhenfu

(Institute of Applied Ecology, Chinese Academy of Sciences, Shengyang 110015)

Alexei K. Skvortsov

(Main Botanical Garden, Russian Academy of Sciences, 127276 Moscow, Russia)

关键词 杨柳科; 柳属; 贡嘎山柳

Key words Salicaceae; *Salix*; *Salix gonggashanica*

中图分类号 Q949.72

Working on the "Flora of China" Project with the materials accumulated at the Herbarium of Chengdu Institute of Biology, Chinese Academy of Sciences, in Sichuan Province, we disclosed a specimen which, to our understanding, is representing a new, as yet undescribed species of *Salix*, it fits rather well into section *Psilostigmatae* Schneid. (viewed in a broad sense, as it is accepted in the "Flora Reipublicae Popularis Sinicae," vol. 20/2, 1984), and here it shows certain resemblances especially to *S. ernestii* Schneid., *S. spathulifolia* Seem., and *S. bistyla* Hand.-Mazz..

贡嘎山柳 新种 图 1

Salix gonggashanica C. F. Fang et A. K. Skvortsov, sp. nova

Frutex valde ramosus, ramis sat tenuibus fuscis glabris. Ramuli novelli sericeo-tomentosi. Folia estipulata, petiolis 3-6 mm longis, elliptico-lanceolata, basi cuneata, apice acuta, margine integerrimo v. passim dentulis minutissimis instructo, ad 60×16 mm magna, superne glabra, subtus pilis mollibus sericeis (sub angulo acuto a nervo mediano divergentibus) sat dense vestita.

Amenta (feminea tantum nota) serotina, ad pedunculis 15-30 mm longis, 3-6-foliatis, anguste cylindrica, sub maturitatem ad 80 mm longa. Bractee fuscae 1.0-1.5 mm longae, intus glabrae, extus dense breviter pilosae, nectarium 1 adaxiale, ca 0.5×0.2 mm dimetiens. Capsulae sessiles ovatae 3-4 mm longae, dense albo-tomentosae. Styli fere a basi divergentes, haud 1.2 mm longi, stigmata parvula paulo curvata.

Typus: Reipublica Popularis Sinica, prov. Sichuan, Luding (泸定) montes Gonggashan,

(贡嘎山) vallis Hailuoguo, alt. ca 2 500 m. 28 Jun. 1994. leg. Tang Ya et assist. 1277(♀).
in Herb. Chengdu Inst. Biol. Acad./Sin. conservatur.

Affinitas. Species nostra *S. spathulifoliae* Seemen affinis, sed pubescentia foliorum sericea, capsulis parvis necnon stylibus a basi divergentibus eximie differt. A *S. bistyla* Hand.-Mazz. praeter pubescentiam foliorum characteristicam etiam dimensionibus partium omnium multo minoribus perfect distinguitur; a *S. ernestii* autem foliis acutis persistente sericeis necnon capsulis multo minoribus.

与本种相近的种: 本种与 *Salix spathulifolia* Seemen 近缘, 但叶被绢毛, 蒴果小, 以及花柱自基部叉开极易区分, 而与 *S. bistyla* Hand.-Mazz. 除叶的毛被特征外, 其它各部分均较小, 又与 *S. ernestii* 不同在于叶顶端急尖和被绢毛, 以及蒴果非常小。

Acknowledgments We heartily acknowledge the hospitality of the Chengdu Institute of Biology (成都生物研究所), also, our sincere thanks are due to Mrs. Gao Xinfen (高信芬), curator of the Herbarium; to Mr. Xiao Yang (小杨) for performing the drawing of the plant; to Dr. Zhu Guanghua (朱光华) for effective organization of our visit to Chengdu and manifold assistance.



图1 贡嘎山柳 *Salix gonggashanica* C. F. Fang et A. K. Skvortsov

1. 花枝 Flowering branch; 2. 雌花 Female flower; 3. 果 Fruit. (小杨绘)