

New Taxa on Korean Flora(2)

Lee, Yong No
(Dept. of Biology, Ewha Womans University)

韓國의 新分類群 (新種 · 新品種) 植物에 對하여(2)

李 永 魯
(梨花女子大學校 文理大學 生物學科)

Abstract

This paper is proposed to describe a new species and two formae of flowering plants from central and southern Korea.

The taxa of new plants are as follows:

Miscanthus chejuensis Y. Lee, sp. nov.

Rhododendron schlippenbachii Maxim. form. *albiflorum* Y. Lee, form. nov.

Scilla scilloides (Lindl.) Druce form. *albida* Y. Lee, form. nov.

Introduction

The author studied the genus *Miscanthus* and described several new taxa(1964). Recently he has described a new taxa, a species and two formae, on Korean Flora (1974a).

This is his second paper of new taxa on Korean Flora and proposed to describe a new species of *Miscanthus* and two formae of flowering plants.

The author thanks Dr. Yong Cha Oh, who gave kinds of assistance to him for this research. He wishes to express his appreciation to Miss Jin Soon Han, who assisted in making drawings of the plants.

Materials

Materials were found and collected in the following places.

Scientific name	Collector	Locality
<i>Miscanthus chejuensis</i> Y. Lee	Oh, Yong Cha Yong No Lee	Mt. foot of Halla, Chejudo, Korea
<i>Rhododendron schlippenbachii</i> Maxim. form. <i>albiflorum</i> Y. Lee	Lee, Yong No	Daekwanryong Pass, central Korea
<i>Scilla scilloides</i> (Lindl.) Druce form. <i>albida</i> Y. Lee	Han, Jin Soon Yong No Lee	Campus, Ewha Womans University, Seoul, Korea

Description

Miscanthus chejuensis Y. Lee, sp. nov.

Perennis brevis rhizotomos praesens. Culmi 1.5—2 m. altitudc, caespitosa. Folia flavescencia-viridia linearia 1.5—2 m. lata, glauca infera, pubescentia supra, margine scaberrima, ligula coriacea membranacea, margine villus longus et fuscus. Panicula 16 cm. longa, 10 cm. lata, flabellata flavescencia. Rachis paniculae brevissima, racemus numerosus, densus, erectus.

Spiculae pedicelli longiores 2.3 mm. longi, pedicelli breviores 1 mm. longi. Gluma I lanceolata, acuminata, 4.8 mm. longa, 3-nervi. Gluma II 4.7 mm. longa, 1-nervus, dorsum pilosum. Ex callo villi dispares 3—5 mm. longi. Lemma sterile hyalinum, 3.8 mm. longum, 3-nervi, pilosum margine. Lemma fertile 3 mm. longum, arista 5 mm. longa flavescens geniculata, Stamina 3, anthera flava 2—2.5 mm. longa.

Hab: Foot Mt. Halla, Isl. Cheju, Korea.

Leg: Oh, Yong Cha & Yong No Lee, Oct. 1973.

Type in Herbarium, Ewha Womans University.

Korean name: Kumuoksae: 굼억새

Miscanthus chejuensis Y. Lee, sp. nov.

Perennial tufted herb, 1.5 to 2 m. tall. Rhizome short and creeping; Leaves yellow green and pubescent on the above, glaucous beneath, 1.5 to 2 cm. wide, scabrous on margins; ligule leathery membranous, brown, with long hairs on the margins; Inflorescence flabellate, golden yellow, 16 cm. long, 10 cm. wide, the lateral floral branches numerous, compacted and erected from the main axis, the main axis about half of the inflorescens, spikelet paired with long and short pedicelled; glumes golden yellow, indurate, with whitish golden yellow callus hairs, and pilose on the back; First glume 4.8 mm. long, 3-nerved, keeled; second glume 4.7 mm. long, 1-nerved; callus hairs unequal, 3—5 mm. long; sterile lemma hyaline, membranous,

3.8 mm. long, with pilose hairs on the margins, slightly 3-nerved; fertile lemma hyaline, membranous, bifid apex, 3 mm long, pilose the margin, whitish golden yellow awn twisted from the apex; awn geniculate, about 5 mm. long. Stamen 3, anther yellow, 2 to 2.5 mm. long, lodicule thick and truncate, 0.5 mm. long.

The species allied to *Miscanthus sinensis* Ander. but differs in the presence of golden yellow much compacted inflorescence, spikelets and awns, many hairy glumes, and robust yellow green vegetative organs.

Rhododendron schlippenbachii Maxim. form. *albiflorum* Y. Lee, form. nov.

Forma affinis *Rhododendron schlippenbachii* Maxim. Sed albidus flos plantae differt.

Heb.: Daekwanryong, Kangwondo, Korea.

Leg.: Yong No Lee, May 15, 1972, May 20, 1970.

Type in herbarium, Ewha womans University

Korean name: Hincholchuknamu: 흰 철쭉

The forma is allied to the type's but differs in blooming white flowers. The taxon is growing at the moist valley of the Daekwanryong pass in central Korea.

Scilla scilloides (Lindl.) Druce form. *albida* Y. Lee, form. nov.

Forma affinis *Scilla scilloides* (Lindl.) Druce, Sed. albidus flos plantae differt.

Heb.: Campus, Ewha Womans University, Seoul, Korea.

Leg.: Han, Jin Soon & Yong No Lee, Aug. 20, 1974.

Type in Herbarium, Ewha Womans University
Korean name: Hinmurut: 흰 무릇

The forma is allied to the type's, but differs in having white flowers. The taxon is growing with purple flowered one is in a partially shaded area of Ewha Womans University campus.

(Received September 13, 1974)

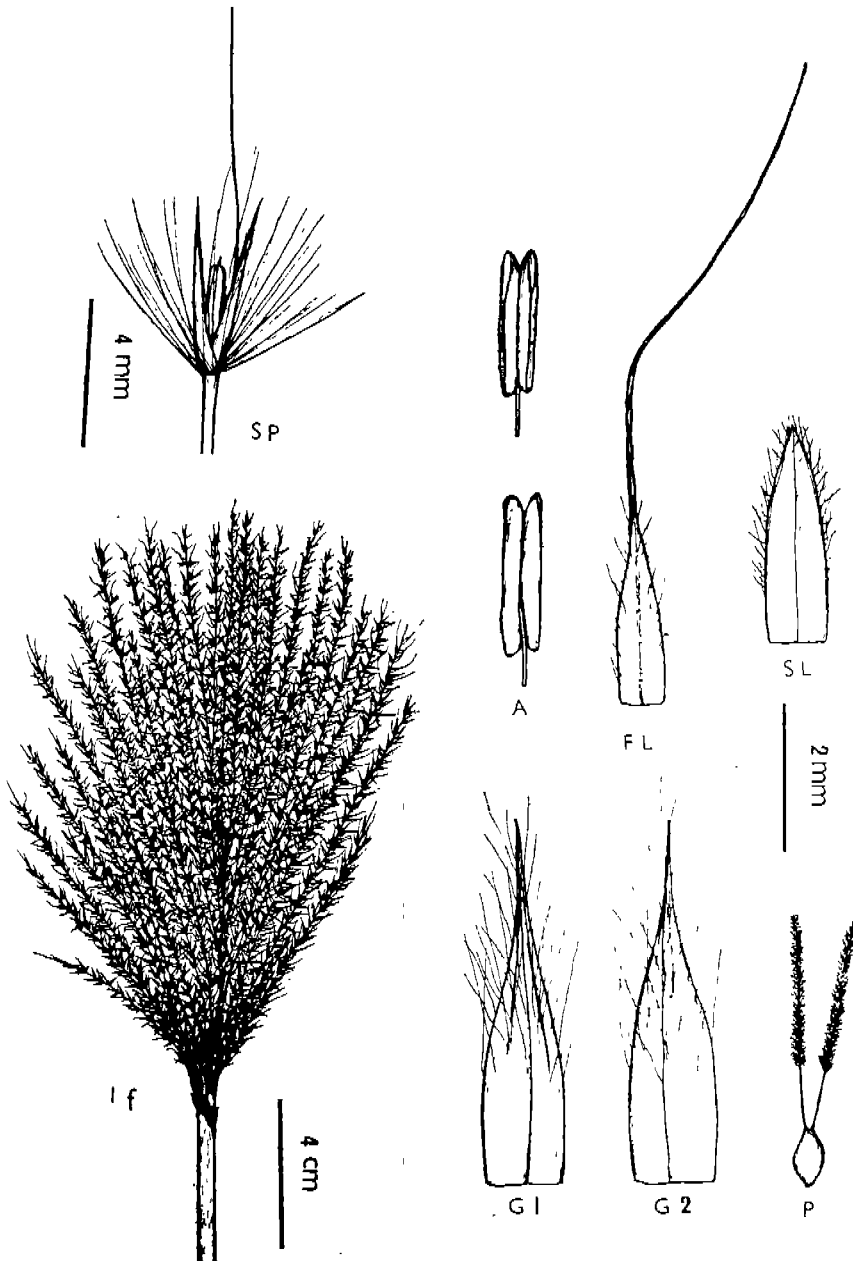


Figure 1. *Miscanthus chejuensis* Y. Lee
 Sp: Spikelet A: Anther Fl: Fertile lemma
 Sl: Sterile lemma If: Inflorescence
 G1: First glume G2: Second glume p: pistil