

New Taxa on Korean Flora (1)

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韓國의 新分類群(新種 新品種)植物에 對하여(I)

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Abstract

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

The taxa of new plants are as follow:

Iris odaesanensis Y. Lee, sp. nov.

Iris rossii Baker form. *alba* Y. Lee, form. nov.

Ajuga multiflora Bunge form. *rosea* Y. Lee, form. nov.

Introduction

Since Palibin(1898--1901) many of foreign botanist studied Korean Flora until the end of second world war. Particularly Takenosin Nakai, Professor of Tokyo University contributed his whole life the study of Korean Flora from 1909 to 1952, and he has done many publications of the flora. The author has studied the flowering plants from the end of second world war and has found new taxa, species, variety and forma levels.

He has recorded species, previously unrecorded in Korea including the correcting of the classification of certain missclassified species.

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

Author sincerely thanks to Dr. Ohwi Jisaburo, who gave various suggestions and advise for these investigations.

Materials

Materials were found and collected as following places.

Scientific name	Collector	Locality
<i>Iris odaesanensis</i> Y. Lee	G.B. Snyder Yong Cha Oh Yong No Lee	West facing lower slope of Taekwanryong, and Mt. foot of Odaesan.
<i>Iris rossii</i> Baker form. <i>alba</i> Y. Lee	Yong Cha Oh Yong No Lee G.B. Snyder	Mt. Chonmasan, central Korea.
<i>Ajuga multiflora</i> Bunge form. <i>rosea</i> Y. Lee	Yong Cha Oh Yong No Lee	Hopyong village, Kyonggido, cen- tral Korea,

Description

Iris odaesanensis Y. Lee, sp. nov. 노랑루늬붓꽃

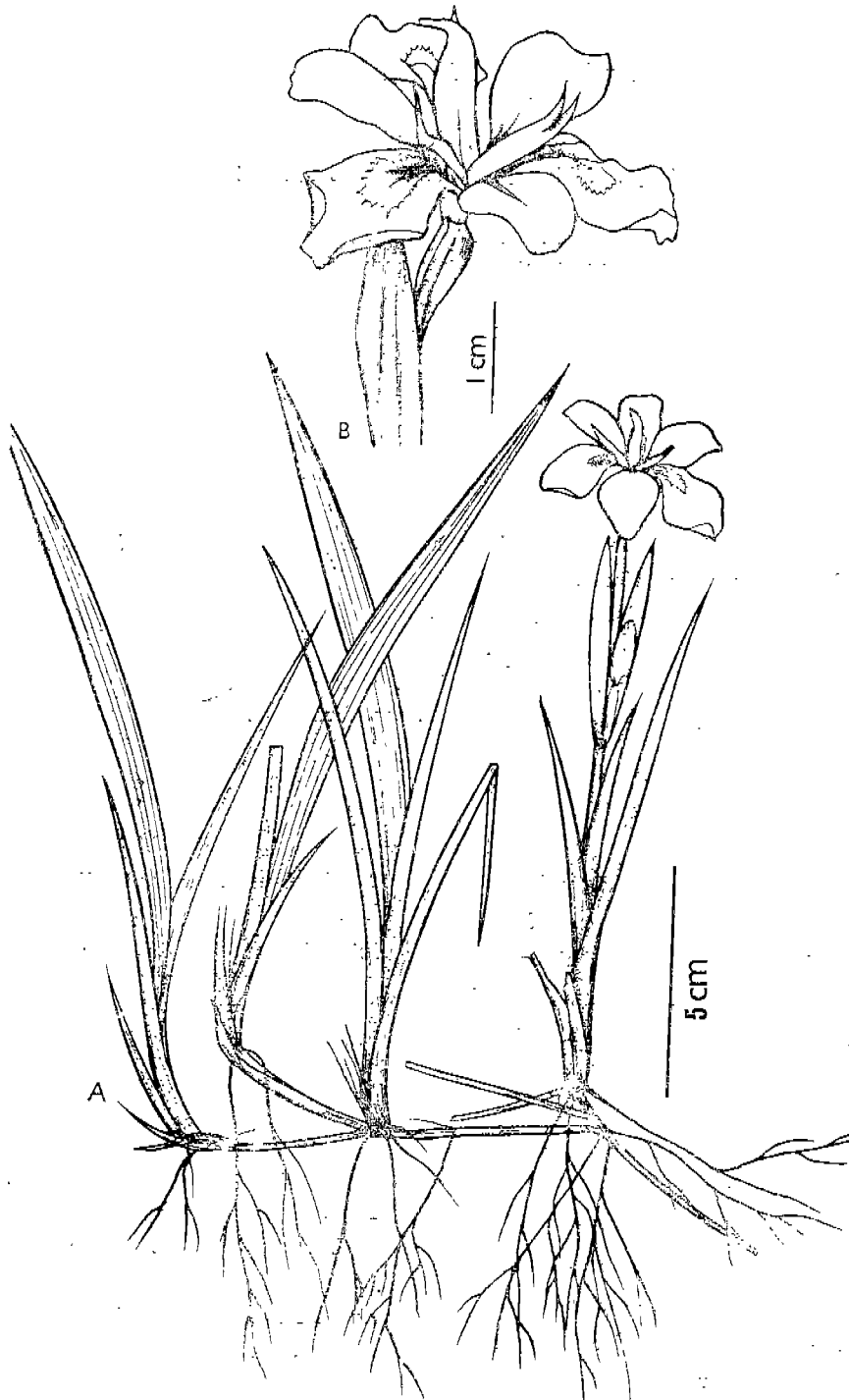


Figure 1. *Iris odaesanensis* Y. Lee.

A: whole plant, B: flower, dotted portion of outer perianth is yellow.

Planta laxe caespitosa. Rhizotomos gracilis longe repens. Culmi ca 20 cm. alti, glabri leves. Folia glauca linearia ca 12—35cm. longa, 12mm. lata, 10—12 nervis utrinque glabra. Flores albi et pauci, binis in caulis, ca 3.5cm. trans. Spathae binae amplesiflores, ca 4.5cm. longa. Sepala spatuliformis, ca 1.3cm. lata, alba cum aureo centro. Petala lanceolata erecta, ca 9mm. lata. Stamina 3, anthera linearis, purpura, ca 5mm. longa. Pistillum 1, trifidus apex. Fructus capsularis, trigonalis, ca 1.3cm. transversalis.

Hab.: Korea, Mt. Odaesan and Hyongkori west side of Daekwanryong Pass.

Leg.: Lee, Yong No, Yong Cha Oh & G.B. Snyder, May-7, 1973.

Type in Herbarium, Ewha Womans University.

Korean Name: Norangmuni-butkot

Perennial herb, 20cm. height; Rhizome slender and long; Leaves sword shaped and glaucous, 12—35cm. long, 12mm. wide, nerves 10 to 12; Flowers 2 on floral stem, 3.5cm. across, white, floral bracts two, 4.5cm. long, outer perianth spatula shaped 13mm. wide with yellow streak down the center; Inner perianth erect, lanceolate, 9mm. wide; Stamens 3, anther purplishgreen, 5mm. long; Pistil one, trifid apex; Ovary 3 locules; Fruits capsule, triangular, 1.3cm. wide.

The species is allied to *Iris koreana* Nakai but differs in the presence white two flowers on the floral stem and glaucous leaves and long rhizomes.

Iris rossii Baker form. *alba* Y. Lee, form. nov.

흰자씨붓꽃

Forma affinis *Iris rossii* Baker sed albidus flos plantae differt.

Hab.: Korea, Mt. Chonmasan; Kyonggido

Leg.: Yong No Lee, Yong Cha Oh & G.B. Snyder, April 29, 1973.

Type in Herbarium, Ewha Womans University.
Korean Name: Hin-kaksi-butkot

Perennial herb, tufted, 18cm. tall; Rhizome thick and short; Leaves sword shaped, 20cm. long, 10mm. wide, midrib not prominent; Flower white, one on top of floral stem, 4.5cm. across, the pedicle about 10mm. long; Spath long and acuminate, 6cm. long; Outer perianth spatulate, 9mm. wide, inner perianth erect, 5mm. wide, lanceolate; Stamens 3, anther 3.5mm. long; Pistil one, trifid apex; Ovary 3 locules; Fruits capsule, ovate.

The forma is allied to the type species but differs in presence white flower.

Ajuga multiflora Bunge form. *rosea* Y. Lee, form. nov. 붉은조개나물

Forma affinis *Ajuga multiflora* Bunge sed roseus flos plante differt. form.

Hab.; Korea, Hopyongri, Yangjukun, Kyonggido.

Leg.: Yong No Lee & Yong Cha Oh, May 12, 1973.

Type in Herbarium, Ewha Womans University.
Korean Name; Bulkun-chokae-namul

Perennial herb densely pilose, 20cm. tall; Stem square, erect; Leaves opposite, radical leave lanceolate, 2.5cm. long, 13mm. wide, long petioled, cauline leaves sessile, obovate, irregular toothed, 3 cm. long, 13mm. wide; Flowers on leaf axile, corolla pink, bilabiate, 15mm. long, the lower lip broad, usually 2-lobed, 6mm. wide; Calyx tuberos, 5-lobed apex; Stamens didynamous as long as pistil, exerted from the corolla tube, anther 0.5mm. long, filament pubescent; Pistil one, bifid apex; Ovary 2 celled; Fruits 4 nutlets.

The forma is allied to the type species but it differs in presence pink flowered with yellowish green leaves and stems.

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