

Haruo UEMATSU* : A List of the Plants Distributed on the Southern Japanese Alps (18)

植松春雄* 南アルプス産植物目録 (十八)

Note : May, *Castanea*-zone, 700-1000m, rare.

Polygala reinii FR. et SAV.

Distr. : (1) D (2) IV-C.

Note : May, *Machilus*-zone and *Castanea*-zone, 300-900m, rare.

P. tatarinowii REGEL

Distr. : (1) A, E (2) I-B (3) Formosa, Korea, China, Siberia and India.

Note : July, *Castanea*-zone, 1000m, rare.

SIMAROUBACEAE

Picrasma quassioides (D. DON) BENN.

Distr. : (1) A, B, D (2) I-A (3) Ryukyus, Formosa, Korea, Manchuria, China and India.

Note : June, *Castanea*-zone, 600-1200m, rare.

RUTACEAE

Boenninghausenia japonica (SIEB.)

NAKAI

Distr. : (1) A, B, E (2) I-B.

Note : Aug.-Sept., *Castanea*-zone, 700m, rare.

Fagara ailanthoides (SIEB. et ZUCC.)

ENGLER

Distr. : (1) D (2) I-A (3) Korea, Manchuria, China, Ryukyus and Formosa.

Note : Aug., *Castanea*-zone, 700m, rare.

Fagara manchurica (BENN.) HONDA

Distr. : (1) A, B, D (2) I-B (3) Korea, Manchuria and China.

Note : Aug., *Castanea*-zone, 600-1200m, very common.

F. piperita L.

Distr. : (1) D, E (2) I-A (3) Korea, Manchuria and China.

Note : May, *Castanea*-zone, 400-700m, common.

forma *brevispinosum* MAKINO

Distr. : (1) D

Note : May, *Fagus*-zone, 1600m, rare.

Orixa japonica THUNB.

Distr. : (1) C, D (2) I-B (3) Korea and China.

Note : May, *Castanea*-zone, 400-900m, common. (Climatic Element)

Phellodendron amurense RUPR.

Distr. : (1) D, E (2) I-A (3) Korea, Manchuria, China, Usuri and Amur.

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Note : June, *Fagus*-zone, 1400m,
rare.

var. *japonicum* (MAXIM.) OHWI

Distr. : (1) D, E.

Note : June, *Fagus*-zone, 1400m,
very rare.

Skimmia japonica THUNB. var. *repens*
(NAKAI) OHWI

Distr. : (1) B, D, E (2) I-A
(3) Saghalien and Kuriles.

Note : Apr., *Fagus*-zone, 1200-
1500m, common.

LINACEAE

Linum stelleroides PLANCH.

Distr. : (1) A (2) I-A (3) Ko-
rea, Manchuria, China and
Eastern Siberia.

Note : Sept., *Castanea*-zone, 1200m,
very rare.

OXALIDACEAE

Oxalis acetosella L.

Distr. : (1) A, B, E, F (2) V-A
(3) The Temperate zone of
the Northern Hemisphere.

Note : June, *Fagus*-zone and *Abi-*
es-zone, 1500-2300m, common.

O. griffithii EDGEW. et HOOK. fil.

Distr. : (1) D (2) I-B (3) For-
mosa, China and India.

Note : June, *Castanea*-zone, 1300m,
very rare.

O. corniculata L.

Distr. : (1) D (2) I-A (3) Cos-
mopolitan in all Temperate
and Warm-temperate zones.

Note : May, *Castanea*-zone, 900m,
very common.

Oxalis stricta L.

Distr. : (1) B, E (2) V-A (3)

The Temperate zone of the
Northern Hemisphere.

Note : May, *Castanea*-zone, 800-
1100m, rare.

O. obtriangulata MAXIM.

Distr. : (1) B, C, E (2) I-B (3)
Korea, Manchuria and Usuri.

Note : June, *Fagus*-zone, 1100m,
very rare. (Geological History
Element)

GERANIACEAE

Geranium eriostemon FISCH. var. *reintii*
(FR. et SAV.) MAXIM.

Distr. : (1) A, B, C, E, F (2) V-A.

Note : Aug., *Abies*-zone and *Pinus*
pumila-zone, 1800-3000m,
common.

forma *onoei* (FR. et SAV.) HARA

Distr. : (1) E, F.

Note : Aug., *Abies*-zone and *Pinus*
pumila-zone, 1800-3000m, very
rare.

G. krameri FR. et SAV.

Distr. : (1) A, B (2) I-B (3)

Korea, Manchuria and Amur.

Note : Aug., *Castanea*-zone, 900-
1000m, rare.

G. shikokianum MATSUM.

Distr. : (1) E (2) III.

Note : Aug., *Fagus*-zone, 1700m,
very rare. (Geological History
Element)

G. thunbergii SIEB. et ZUCC.

Distr. : (1) B, D, E, F (2) I-A (3)
Formosa, Korea and China.

Note : July, *Castanea*-zone, 600-1000m, common.

Geranium tripartitum R. KNUTH

Distr. : (1) B, D (2) I-B (3) Korea. (Quelpaert Isl.)

Note : Sept., *Fagus*-zone, 1300m, rare.

G. wilfordii MAXIM.

Distr. : (1) B (2) I-A (3) Korea, Manchuria, China and Amur.

Note : Aug., *Castanea*-zone, 900-1000m, rare.

G. yesoense FR. et SAV. var. *nipponicum* NAKAI

Distr. : (1) E, F (2) V-B.

Note : July-Aug., *Abies*-zone and *Pinus pumila*-zone, 2000-2800m, rare.

LEGUMINOSAE

Albizia julibrissin DURAZZ.

Distr. : (1) B, D, E (2) I-B (3) Southern Asia, as far west as Iran.

Note : July, *Castanea*-zone, 700m, common.

Amphicarpaea edgeworthii BENTH.

var. *japonica* OLIVER

Distr. : (1) D, E (2) II-A.

Note : Sept., *Machilus*-zone and *Castanea*-zone, 400-700m, rare.

Apios fortunei MAXIM.

Distr. : (1) D (2) I-A (3) China.

Note : Aug., *Castanea*-zone, 600m, very rare.

Astragalus membranaceus BUNGE var. *obtusus* MAKINO

Distr. : (1) A, B, E, F (2) V-A.

Note : July, *Pinus pumila*-zone, 2500-3000m, common. (Geological History Element)

A. reflexistipulus MIQ.

Distr. : (1) E (2) I-A.

Note : Aug., *Castanea*-zone, 700m, very rare.

A. shiroumensis MAKINO

Distr. : (1) E, F (2) IV-E.

Note : July, *Pinus pumila*-zone, 2600-3000m, rare.

Cassia nomame (SIEB.) HONDA

Distr. : (1) A, B (2) I-B (3) Korea, Manchuria and China.

Note : Sept., *Castanea*-zone, 800m, rare.

Cladrastis platycarpa (MAXIM.) MAKINO

Distr. : (1) A, E (2) VII-B.

Note : July, *Castanea*-zone, 900-1200m, rare.

C. sikokiana (MAKINO) MAKINO

Distr. : (1) A, D, E (2) II-A.

Note : Aug., *Castanea*-zone, 900-1200m, rare.

Desmodium fallax SCHINDL.

Distr. : (1) E, F (2) I-A (3) Korea, Manchuria, Usuri and China.

Note : Aug., *Castanea*-zone, 600-800m, rare.

D. podocarpum DC.

Distr. : (1) D, E, F (2) I-B (3) Korea, China, Formosa and Usuri.