

Haruo UEMATSU* : A List of the Plants Distributed on the Southern Japanese Alps (16)

植 松 春 雄* 南アルプス産植物目録 (十六)

- Distr. : (1) A, B, E (2) I-A (3)
Kuriles, Saghalien, Manchuria
and China.
Note : Aug., *Castanea*-zone, 700 -
1400m, common.
- Epilobium fauriei* LÉVEILLÉ
Distr. : (1) E, F (2) V-A (3)
Kuriles.
Note : Aug., *Abies*-zone and *Pinus*
pumila-zone, 1800m, rare.
- E. formosanum* MASAM.
Distr. : (1) A, B (2) III (3)
Formosa.
Note : July, *Castanea*-zone, 900 -
1300m, very rare. (Limestone
Region Element)
- E. foucaudianum* LÉVEILLÉ
Distr. : (1) B, E, F (2) V-A
(3) Saghalien.
Note : Aug., *Abies*-zone and *Pinus*
pumila-zone, 2000-3000m,
rare.
- E. pyrriholophum* FR. et SAV.
Distr. : (1) A, D (2) I-A (3)
Korea, China.
Note : July, *Castanea*-zone, 900m,
very common.
var. *curvatopilosum* HARA
Distr. : (1) A (2) I-A (3) Ku-
- riles.
Note : Aug., *Fagus*-zone, 1700m,
rare.
- Oenothera parviflora* L.
Distr. : (1) B, C, D.
Note : July, *Fagus*-zone, 1200m,
rare.
- ALANGIACEAE
- Alangium platanifolium* (SIEB. et ZU-
CC.) HARMS var. *trilobum* (MI-
Q.) OHWI
Distr. : (1) B, E (2) I-A (3)
Korea and Manchuria.
Note : June, *Castanea*-zone, 500 -
1300m, rare.
forma *velutina* HARA
Distr. : (1) B, D, E (2) V-A
(3) Korea.
Note : June, *Castanea*-zone, 500 -
1300m, rare.
- LYTHRACEAE
- Lythrum anceps* (KOEHNE) MAKINO
Distr. : (1) C (2) I-B (3)
Korea.
Note : Aug., *Castanea*-zone, 500m,
very rare.
- Rotala indica* (WILLD.) KOEHNE
Distr. : (1) E (2) I-A (3) India,
Malaysia and Eastern Asia.

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

ELAEAGNACEAE

Elaeagnus glabra THUNB.

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

Note : Oct., *Machilus*-zone, 500m,
rare. (Climatic Element)

E. montana MAKINO

Distr. : (1) D (2) I-B.

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

var. *ovata* (MAXIM.) ARAKI

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

Note : June, *Fagus*-zone, 1000 -
1900m, very common.

E. multiflora THUNB.

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

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

E. umbellata THUNB.

Distr. : (1) A, B, D, E (2) I-A
(3) Ryukyus, Korea, Man-
churia and China.

Note : May, *Castanea*-zone, 300 -
1100m, common.

THYMELAEACEAE

Daphne pseudo-mezereum A. GRAY

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

Note : June, *Castanea*-zone and
Fagus-zone, 900 - 2000m, rare.

Edgeworthia papyrifera SIEB. et ZUCC.

Distr. : (1) D.

Note : June, *Castanea*-zone, 600 -
900m, very rare. (Naturalized
Element)

STACHYURACEAE

Stachyurus praecox SIEB. et ZUCC.

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

Note : June, *Castanea*-zone, 800 -
1100m, common.

VIOLACEAE

Viola acuminata LEDEB.

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

Note : May, *Castanea*-zone, 300 -
1300m, common.

V. biflora L.

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

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

V. bissetii MAXIM.

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

Note : Apr., *Castanea*-zone, 600 -
1000m, rare.

V. blandaeformis NAKAI

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

Note : July, *Abies*-zone, 1800 -
2000m, very rare.

V. boissieuana MAKINO

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

Note : May, *Castanea*-zone, 600 -
1000m, rare.

V. dissecta LEDEB. var. *eizanensis*
MAKINO

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

Note : Apr., *Castanea*-zone, 1000 -
1400m, common.

forma *simplicifolia* (MAKINO) OHWI
Distr. : (1) E (2) IV-D.

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

Viola grypoceras A. GRAY

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

Note : June, *Castanea*-zone and
Fagus-zone, 500-1600m, very
common.*V. hirtipes* S. MOORE

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

Note : May, *Castanea*-zone and
Fagus-zone, common.*V. keiskei* MIQ.

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

Note : June, *Castanea*-zone, 900m,
common.*V. mandshurica* W. BECKERDistr. : (1) E (2) I-A (3) Ko-
rea, Manchuria, China and Si-
beria.Note : June, *Castanea*-zone, 700-
800m, very common.var. *ikedaeana* F. MAEKAWA

Distr. : (1) A (2) IV-A.

Note : May, *Fagus*-zone, 1200m,
very rare.*V. japonica* LANGSD.

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

Note : June, *Castanea*-zone, 800m,
rare.*V. mirabilis* L. var. *subglabra* LEDEB.Distr. : (1) B (2) I-B (3) Ko-
rea, Manchuria and Eastern
Siberia.Note : Apr., *Castanea*-zone and *Fa*-
gus-zone, 1000m, rare. (Geol-
ogical History Element)*V. phalacrocarpa* MAXIM.Distr. : (1) A, B, C (2) I-A (3)
Korea, Manchuria and Eastern

Siberia.

Note : Apr., *Castanea*-zone, 700m,
common.*Viola rossii* HEMSLEYDistr. : (1) A, B, D (2) I-A (3)
Korea, Manchuria and China.Note : Apr., *Castanea*-zone, 700m,
common.*V. selkirkii* PURSHDistr. : (1) A, B, D, E (2) V-A
(3) The Temperate zone of
the Northern Hemisphere.Note : May, *Fagus*-zone, 1300m,
rare.*V. shikokiana* MAKINO

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

Note : Apr., *Fagus*-zone, 1200-
1500m, very rare. (Geological
History Element)*V. takedana* MAKINO

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

Note : May, *Castanea*-zone, 600-
1300m, common.*V. tokubuchiana* MAKINO

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

Note : May, *Fagus*-zone, 1300-
1400m, very rare.*V. variegata* FISCH.Distr. : (1) A, B (2) I-B (3)
Korea, Manchuria and Baikal.Note : May, *Fagus*-zone, 1200m,
rare.*V. verecunda* A. GRAY

Distr. : (1) A, D, F (2) I-A.

Note : Apr., *Castanea*-zone, 1000
m, common.*V. yazawana* MAKINO

- Distr. : (1) A, F (2) IV-E.,
 Note : May, *Fagus*-zone and *Abies*-zone, 1400-1800m, very rare. (Geological History Element)
- Viola yedoensis* MAKINO
 Distr. : (1) F (2) I-B.
 Note : Apr., *Castanea*-zone, 800m, common.
- V. yezoensis* MAXIM.
 Distr. : (1) B (2) I-A.
 Note : May, *Castanea*-zone, 700m, common.
- GUTTIFERAE
- Hypericum ascyron* L.
 Distr. : (1) B, D, E, F (2) I-A.
 Note : July, *Castanea*-zone, 700-1000m, common.
- H. erectum* THUNB.
 Distr. : (1) B, D, E, F (2) I-A (3) Korea and Saghalien.
 Note : July-Aug., *Castanea*-zone, 500-900m, very common.
- H. fujisanense* MAKINO
 Distr. : (1) F (2) IV-A.
 Note : July-Aug., *Castanea*-zone, 700m, very rare. (Geological History Element)
- H. kamschaticum* LEDEB. var. *senanense* (MAXIM.) Y. KIMURA
 Distr. : (1) B, E (2) V-B.
 Note : July, *Abies*-zone and *Pinus pumila*-zone, 2000-3000m, common.
- H. kinashianum* KOIDZ.
 Distr. : (1) E, D (2) I-B.
 Note : Aug., *Castanea*-zone, 1200m,

rare.

var. *longistylum* Y. KIMURA

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

Note : Aug., *Castanea*-zone, 800m, rare.*Hypericum laxum* (BLUME) KOIDZ.

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

Note : Aug., *Castanea*-zone, 1000-1200m, common.*H. pseudopetiolum* R. KELLER

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

Note : Aug., *Castanea*-zone and *Fagus*-zone, 800-1600m, rare.*Triadenum japonicum* (BLUME) MAKINO

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

Note : Sept., *Castanea*-zone, 900m, rare.

THEACEAE

Camellia japonica L.

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

Note : Apr., *Machilus*-zone, 100m, rare. (Climatic Element)*Eurya japonica* THUNB.

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

Note : Apr., *Machilus*-zone, 400-600m, rare. (Climatic Element)*Stewartia monadelphica* SIEB. et ZUCC.

Distr. : (1) B, D (2) III.

Note : July, *Machilus*-zone and *Ca-*

stanea-zone, 400-1000m, rare. (Geological History Element)

Stewartia pseudo-camellia MAXIM.

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

Note : July, *Fagus*-zone, 1300-1600m, common. (Climatic Element)

S. serrata MAXIM.

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

Note : July, *Fagus*-zone, 1600m, rare. (Geological History Element)

ACTINIDIACEAE

Actinidia arguta (SIEB. et ZUCC.)

PLANCH.

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

Note : July, *Castanea*-zone and *Fagus*-zone, 400-1500m, common.

A. kolomikta (RUPR. et MAXIM.)

MAXIM.

Distr. : (1) E, F (2) V-A (3) Kuriles, Saghalien, Korea, Manchuria, Amur and China.

Note : July, *Fagus*-zone, 1500-2000m, common.

Tilia japonica (MIQ.) SIMONKAI

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

Note : July-Aug., *Fagus*-zone, 1500m, common.

VITACEAE

Ampelopsis brevipedunculata (MAXIM.)

TRAUTV.

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

Saghalien, Kuriles, Formosa, Korea, Manchuria, China and Usuri.

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

Partenocissus tricuspidata (SIEB. et ZUCC.) PLANCH.

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

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

Vitis coignetiae PULLIAT

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

Note : June, *Fagus*-zone, 1000-1500m, common.

V. flexuosa THUNB.

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

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

RHAMNACEAE

Berberia pauciflora MAXIM.

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

Note : Aug., *Fagus*-zone, 1200-1800m, rare.

B. racemosa SIEB. et ZUCC.

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

Note : *Castanea*-zone and *Fagus*-zone, 800-1500m, common.

var. *magna* MAKINO

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

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

Hovenia dulcis THUNB.

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

Note : July, *Machilus*-zone and