
**HARUO UEMATSU* : A List of the Plants Distributed
on the Southern Japanese Alps (8)**

植 松 春 雄* 南アルプス産植物目録(八)

Note : July, *Castanea*-zone and *Fagus*-zone, 700-1,500m, rare.
Callicarpa mollis SIEB. et ZUCC.

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

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

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(Climatic Element)

Caryopteris divaricata (SIEB. et ZUCC.)
MAXIM.

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

Note : Sept., *Castanea*-zone, 1,000
m, rare.

Clerodendron trichotomum THUNB.

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

Note : Aug.-Sept., *Machilus*-zone
and *Castanea*-zone, 300-900m,
common.

BORAGINACEAE

Ancistrocarya japonica MAXIM.

Distr. : (1) E, F, G, H (2) VII-B.
Note : July, *Castanea*-zone, 1,200m,
rare.

Cynoglossum asperrimum NAKAI

Distr. : (1) B, D, G, H (2) I-A
(3) Korea and Kurile.
Note : July, *Castanea*-zone, 1,000-
1,300m, rare.

C. zeylancium (VAHL) THUNB. var.
villosum (NAKAI) OHWI

Distr. : (1) D (2) I-B.
Note : July, *Castanea*-zone, 900m,
very rare.

Eritrichium nipponicum MAKINO

Distr. : (1) E, F, G, H, I (2) IV-
C.
Note : Aug., *Pinus pumila*-zone, 2,
600-3,000m, very rare.

Lithospermum erythrorhizon SIEB. et
ZUCC.

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

Note : June, *Castanea*-zone and
Fagus-zone, 1,000-1,500m,
very rare.

Lithospermum zollingeri DC. [*Bugloss-
oides zollingeri* (DC.) JOHNSTON]

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

Note : Apr.-May, *Castanea*-zone, ra-
re.
(Climatic Element)

Myosotis sylvatica (EHRH.) HOFFMANN

Distr. : (1) E, H (2) V-A (3)
Korea, Formosa and China.
Note : July, *Fagus*-zone, 2,000m,
very rare.

Omphalodes japonica (THUNB.) MAX-
IM.

Distr. : (1) B (2) VII-B.
Note : May, *Castanea*-zone, 1,300
m, common.

Trigonotis guilielmii A. GRAY

Distr. : (1) B, D (2) I-A.
Note : June-July, *Fagus*-zone, 900
m, rare.

T. peduncularis (TREVIR.) BENTH.

Distr. : (1) A, B, C, D, F (2) I-A
(3) Ryukyu, Korea and Asia.
Note : May, *Castanea*-zone, 500-
900m, very common.

POLEMONIACEAE

Polemonium acutiflorum WILLD.

Distr. : (1) B, E, F, G (2) IV-C.
Note : July, *Pinus pumila*-zone, 2,
600-2,800m, very rare.

ASCLEPIADACEAE

Cynanchum acuminatifolium HEMSL. (C.

ascrifolium (FR. et SAV.) MATSUM.]

Distr. : (1) C (2) II-A (3)

Korea and Manchuria.

Note : July, *Fagus*-zone, 1,800m,
very rare.

Cynanchum atratum BUNGE

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

A (3) Korea, Manchuria
and China.

Note : Aug., *Castanea*-zone, 900m,
common.

C. caudatum (MIQ.) MAXIM.

Distr. : (1) B, E, F, H (2) I-A
(3) Kurile and China.

Note : July, *Castanea*-zone, 1,000-
1,300m, common.

C. katoi OHWI forma *albescens* (HARA) OHWI

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

Note : June, *Fagus*-zone, 1,500m,
very rare.

C. grandifolium HEMSL. var. *nikoense*
(MAXIM.) OHWI

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

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

C. magnificum NAKAI

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

Note : July, *Castanea*-zone, 600-
1,000m, rare.

C. wilfordii (MAXIM.) HEMSL.

Distr. : (1) E (2) I-B (3)

Korea and Manchuria.

Note : July, *Fagus*-zone, 1,600m,
common.

Metaplexis japonica (THUNB.) MAKINO

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

I-A (3) Korea, China, Manchuria and Kurile.

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

Pycnostelma paniculatum (BUNGE) K.

SCHMANN [*C. paniculatum* (BUNGE)

KITAG.]

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

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

Tylophora aristolochioides MIQ.

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

Note : Aug., *Fagus*-zone, 1,300m,
rare.

CONVOLVULACEAE

Calystegia japonica CHOISY

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

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

Cuscuta japonica CHOISY

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

Ryukyu, China, Korea, Manchuria and Amur.

Note : Aug.-Sept., *Castanea*-zone,
500-900m, rare.

APOCYNACEAE

Trachelospermum asiaticum (SIEB. et

ZUCC.) NAKAI

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

Note : June, *Castanea*-zone, 600-800
m, common.

GENTIANACEAE

Comastoma pulmonaria (TURCZ.) TO-

YOKUNI

- Distr. : (1) E, F, G, H (2) IV-F,
Endemic plant. (Mt. Kitadake,
Mt. Arakawadake, Mt. Senma-
idake, etc.)
Note : Sept., *Pinus pumila*-zone,
2,600-3,000m, very rare.
(Geological History Element)
- Gentiana algida* PALL.
Distr. : (1) B, E, F, G, H (2) IV-
C (3) Kurile, Korea, Sibe-
ria and Northern America.
Note : July-Aug., *Pinus pumila*-zo-
ne, 2,700-3,000m, common.
- G. makinoi* KUSNEZ.
Distr. : (1) B, E, F, G, H, I (2)
IV-C.
Note : July-Aug., *Pinus pumila*-zo-
ne, 2,600-3,100m, common.
- G. pseudo-humilis* MAKINO (*G. aquati-
ca* L.)
Distr. : (1) E, H (2) IV-E.
Note : July, *Pinus pumila*-zone, 2,
000-2,500m, very rare.
- G. scabra* BUNGE var. *buergeri* (MIQ.)
MAXIM.
Distr. : (1) D, H (2) I-B.
Note : Sept.-Oct., *Castanea*-zone,
800m, common.
- G. zollingeri* FAWCETT
Distr. : (1) G (2) I-A (3)
Kurile, Saghalien, Korea, Ma-
nchuria and China.
Note : June, *Fagus*-zone, 1,500m,
rare.
- Halenia corniculata* (L.) CORNAZ
Distr. : (1) A, B, H (2) I-A (3)
Kurile, Saghalien, Siberia, Ko-
rea, Manchuria, Kamchatka
and Europe.
Note : Sept., *Fagus*-zone and *Pin-
us pumila*-zone, 1,800-2,600m,
common.
- Pterygocalyx volubilis* MAXIM.
Distr. : (1) B (2) I-A (3) Ko-
rea, Manchuria, China and
Usuri.
Note : Sept., *Castanea*-zone, 1,000-
1,800m, rare.
- Swertia bimaculata* (SIEB. et ZUCC.)
HOOK. et THOMS.
Distr. : (1) A, B (2) I-A.
Note : Sept.-Oct., *Castanea*-zone,
900-1,900m, rare.
- S. carinthiacum* (WULFEN) REICHNB.
Distr. : (1) F, G (2) IV-C (3)
the Northern Hemisphere.
Note : Aug., *Pinus pumila*-zone, 2,
800-3,000m, very rare.
- S. japonica* (SCHULT.) MAKINO
Distr. : (1) A, B, C, H (2) I-A
(3) Korea and China.
Note : Sept., *Castanea*-zone, 1,000-
1,300m, common.
- S. obtusa* LEDEB. var. *cuspidata* HARA
[*S. cuspidata* (MAXIM.) KITAGAWA]
Distr. : (1) F, G (2) V-A.
Note : Aug., *Pinus pumila*-zone, 2,
700-3,000m, rare.
- Tripterispermum japonicum* (SIEB. et
ZUCC.) MAXIM.
Distr. : (1) A, B (2) I-A (3)
Kurile, Saghalien, Formosa,
Korea and China.

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