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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) Ko-

rea, 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, Man-  
churia 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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