

Haruo UEMATSU\* : A list of the plants distributed  
on the Southern Japanese Alps (4)

植 松 春 雄\* 南アルプス産植物目録 (四)

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| <p>(2) I (3) Korea and<br/>Formosa<br/>Note : Aug., Castanea-zone, 800 m,<br/>rare<br/><i>Kalimeris pinnatifida</i> KITAM.<br/>Distr. : (1) A, B, H (2) I<br/>Note : Aug., Castanea-zone, 700 m,<br/>common<br/><i>Lactuca indica</i> L. var. <i>laciniata</i> HARA<br/>Distr. : (1) B, H (2) I<br/>Note : Sept., Castanea-zone, 800 m,<br/>common<br/><i>L. Raddeana</i> MAXIM. var. <i>elata</i> KITAM.<br/>Distr. : (1) B, F, G, H (2) I (3)<br/>Saghalien, China and Annam<br/>Note : Sept., Castanea-zone, 900m,<br/>common<br/><i>L. triangulata</i> MAXIM.<br/>Distr. : (1) F, G (2) V (3) Korea,</p> | <p>Manchuria, Usuri and Amur<br/>Note : Aug., Fagus-zone, Abies-zone,<br/>1,700m, rare<br/><i>Leibnitzia anandria</i> NAKAI<br/>Distr. : (1) A, B, C, D, H, I (2) I<br/>(3) Saghalien, Kurile, Korea,<br/>Manchuria, China, Siberia and<br/>Formosa<br/>Note : May, Castanea-zone, 700 m,<br/>very common<br/><i>Leontopodium japonicum</i> MIQUEL<br/>Distr. : (1) B, E, F, G, H, I (2) V<br/>Note : Aug., Fagus-zone, Pinus<br/>pumila-zone, 1,200-2,800m,<br/>rare<br/>form. <i>orogenes</i> OHWI<br/>Distr. : (1) G<br/>Note : Aug., Pinus pumila-zone,<br/>2,800m, very rare</p> |
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form. *perniveum* OHWI

Distr. : (1) E, H (2) Endemic

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

form. *shiroumense* OHWI

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

Note : Aug., Pinus pumila-zone,  
2,600m, common

*Ligularia dentata* HARA

Distr. : (1) B, C, E, F, G, H, I (2)  
I (3) China

Note : Aug., Fagus-zone, Abies-zone,  
1,500-2,300m

*L. Fischeri* TURCZ.

Distr. : (1) B, C, E, F, G, H, I (2)  
I (3) Korea, Manchuria,  
Siberia and China

Note : Aug., Fagus-zone, Abies-zone,  
1,600m, common

*L. kaialpina* KITAM.

Distr. : (1) B, E, F, G, H, I (2)  
IV-C

Note : July-Aug., Abies-zone, 2,000~  
2,500m, common

*L. stenocephala* MATSUM. et KOIDZ.

Distr. : (1) B, C, D, E, F (2) V (3)  
China and Formosa

Note : July~Aug., Fagus-zone,  
1,700m common

*Miricalia Makineana* KITAM.

Distr. : (1) C, D (2) II

Note : Aug.~Sept., Castanea-zone,  
1,500m, very rare

*Pertya glabrescens* SCH.-BIP.

Distr. : (1) B, D, H (2) II

Note : Aug.~Sept., Castanea-zone,

1,500m, common

*Pertya Robusta* BEAUVERD

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

Note : Sept., Castanea-zone, 700m,  
common

*P. scandens* SCH.-BIP.

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

Note : Sept.-Oct., Castanea-zone,  
700-1,000m, common

*Petasites japonicus* MAXIM.

Distr. : (1) A, B, C, D, E, F, H, I  
(2) II (3) Ryukyu, Korea  
and China

Note : Apr.-June, Castanea-zone,  
800m, very common

*Picris japonica* THUNB.

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

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

var. *akaishiensis* KITAM.

Distr. : (1) E (2) Endemic

Note : Aug., Castanea-zone, 1,000m,  
very rare

*P. kamtschatica* LEDEB.

Distr. : (1) G, H (2) V (3) Kurile,  
Kamchatka and Aleutian

Note : Aug., Pinus pumila-zone,  
2,600-2,800m, rare

*Prenanthes acerifolia* MATSUM.

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

Note : Aug., Fagus-zone, 1,400m,  
common

*Saussurea amabilis* KITAM.

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

Note : Sept., Castanea-zone, 1,200m,  
very rare

*Saussurea inaensis* KITAM.

Distr. : (1) H (2) Endemic

Note : Sept., Castanea-zone, 1,100m,  
very rare*S. Maximowiczii* HERDER

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

Korea, Manchuria and Amur

Note : Sept., Castanea-zone, 1,000m,  
common*S. nipponica* MIQUEL var. *Kurosawae*  
KITAM.

Distr. : (1) D (2) IV-E (3) Endemic

Note : Sept., Fagus-zone, 1,300m,  
very rare*S. pulchella* FISCH.Distr. : (1) B, H (2) I (3) Saghalien,  
Korea, Manchuria, China and  
SiberiaNote : Sept., Castanea-zone, 1,200m,  
rare*S. sinuatoides* NAKAI

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

Note : Sept., Castanea-zone, 600-  
1,300m, rare*S. Tanakae* FR. et SAV.

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

Note : Sept., Castanea-zone, 800-  
1,300m, common*S. triptera* MAXIM.

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

Note : Aug., Abies-zone, Pinus  
pumila-zone, 1,800-3,000m,  
common*Senecio cannabifolius* LESS.Distr. : (1) B, D, E, F, G, H (2) V  
(3) Saghalien, Kurile, Aleutian,  
Manchuria, China, Korea and

## Siberia

Note : Aug., Fagus-zone, 1,500 m,  
common*Senecio flammeus* TURCZ. var.  
*glabrifolius* CUFOD.

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

Note : Aug., Castanea-zone, Fagus-  
zone, 1,000m-1,600 m, common*S. nemorensis* L.

Distr. : (1) B, E, F, H (2) I (3)

Saghalien, Kurile, Formosa,  
Korea, China, Siberia and  
EuropeNote : Aug., Fagus-zone, Abies-zone,  
1,000-2,000m, common*S. nikoensis* MIQ.

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

Note : Aug., Fagus-zone, 1,100-1,700  
m, rare*S. Takedanus* KITAM.

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

Note : July-Aug., Pinus pumila-zone,  
2,800-3,000m, common*Serratula coronata* L. var. *insularis*

## KITAM.

Distr. : (1) B, E, H (2) I (3) Korea

Note : Aug. - Sept., Castanea-zone,  
800-1,100m, common*Siegesbeckia glabrescens* MAKINO

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

Korea, Manchuria, China,  
Ryukyu and FormosaNote : Aug.-Sept., Castanea-zone,  
500-700m, common*S. pubescens* MAKINODistr. : (1) D, H (2) I (3) Korea,  
Manchuria and China

Note : Sept.-Oct., Machilus-zone,  
Castanea-zone, 200-700m, Common.

*Solidago Virga-aurea* L. var. *asiatica*  
NAKAI

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

Note : Aug., Castanea-zone, Fagus-  
zone, 700-1,800m, very common.  
var. *gigantea* (BENTH.) MIQ.

Distr. : (1) B, E, F, G, H (2) I-A  
(3) Kurile, Saghalien, Formosa,  
Korea, Manchuria, China,  
Annan and Philippine.

Note : July, Abies-zone, Pinus pumila  
-zone, 2,000-2,500m, common.

*Sonchus oleraceus* L.

Distr. : (1) A, B, C, D, H, I (2)  
I-A (3) Saghalien, Ryukyu,  
Formosa and Korea.

Note : May, Machilus-zone, Castanea-  
zone, 400-700m, common.  
(Naturalized Element)

*Syneilesis palmata* (THUNB.) MAXIM.

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

Note : Aug., Castanea-zone, 800m,  
very common.

*Synurus pnnogens* (FRANCH. et SAV.)  
KITAM.

Distr. : (1) A, B, C, D, H, I (2) V-A  
Note : Aug.-Sept., Castanea-zone,  
Fagus-zone, 1,400-1,700 m,  
common.

*Taraxacum alpicola* KITAM.

Distr. : (1) E, F, G (2) VI-C  
Note : Aug., Pinus pumila-zone,  
2,800m, rare.

*Taraxacum hondoense* NAKAI ex H.  
KOIDZ.

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

Note : Apr. - June, Machilus - zone,  
Castanea - zone, 400 - 800 m,  
common.

*T. yatsugatakense* H. KOIDZ.

Distr. : (1) E, G, H (2) VI-E

Note : Aug., Pinus pumila-zone,  
2,800-3,000m, rare.

*Youngia denticulata* KITAM.

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

Note : Sept., Castanea-zone, 700 m,  
common.

*Y. japonica* (L.) DC.

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

(3) Ryukyu, Formosa,  
China, India, Polynesia and  
Australia.

Note : May - June, Castanea - zone,  
900-1,000m, common.

#### CAMPANULACEAE

*Adenophora divaricata* FR. et SAV.

Distr. : (1) A, B, C, D, E, F (2)  
V-B (3) Korea and Manchu-  
ria.

Note : Sept., Castanea - zone, 900-  
1,000m, common.

var. *teramotoi* HURUSAWA

Distr. : (1) A, E (2) IV-F, Endemic  
plant (Shiraiwa and Makuiwa)  
Note : Sept., Fagus-zone, 1,200-1,500  
m, very rare. (Lime Stone  
Region Element)

*A. nikoensis* FR. et SAV.

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

- Note : Aug.-Sept., *Pinus pumila*-zone,  
2,600-3,100m, common.
- var. *stenophylla* (KITAM.) OHWI  
Distr. : (1) B, E, H (2) V-B  
Note : Aug.-Sept., *Pinus pumila*-zone,  
2,500m, common.
- ius. *apetala* OKUYAMA  
Distr. : (1) B (2) IV-F, Endemic  
plant (Mt. Komagatake)  
Note : Aug.-Sept., *Pinus pumila*-zone,  
2,400m, very rare.
- Adenophora remotiflora* (SIEB. et  
ZUCC.) MIQ.  
Distr. : (1) A, B, C, D, E, F, H, I  
(2) I-B (3) Korea  
Note : Aug.-Sept., *Castanea*-zone,  
*Fagus*-zone, 1,200-2,100m,  
common.
- form. *leucantha* HONDA  
Distr. : (1) G  
Note : Aug.-Sept., *Castanea*-zone,  
*Fagus*-zone, 1,200-2,000m,  
very rare.
- A. takedae* MAKINO  
Distr. : (1) B, D, E, F, G, H (2)  
IV-D  
Note : Aug.-Sept., *Fagus*-zone, *Abies*-  
zone, 1,200m, rare.
- var. *howozana* (TAKEDA) SUGIMOTO  
Distr. : (1) B (2) IV-F, Endemic  
plant (Mt. Hōwō)  
Note : Aug.-Sept., *Fagus*-zone, *Pinus*  
*pumila*-zone, 1,200-1,300m,  
rare.
- A. triphylla* (THUNB.) A. DC. var.  
*japonica* (REGEL) HARA  
Distr. : (1) A, B, C, H (2) I-A (3)

## Saghalien and Kurile.

- Note : Aug.-Sept., *Castanea*-zone,  
800m, very common.
- Campanula chamissonis* FEDOROV  
Distr. : (1) B, E, F, G (2) V-A  
(3) Saghalien, Kurile, Kamc-  
hatka, Aleutian and Alaska.  
Note : Aug., *Pinus pumila*-zone,  
2,800-3,100m, common.
- C. lasiocarpa* CHAM.  
Distr. : (1) E, F, G (2) V-A (3)  
Saghalien, Kurile, Kamchatka,  
Aleutian and Alaska.  
Note : Aug., *Pinus pumila*-zone,  
3,100m, rare.
- C. punctata* LAM.  
Distr. : (1) A, B, C, D, F (2) I-A  
Note : July-Aug., *Castanea*-zone, 500-  
800m, very common.
- var. *hondoensis* (KITAM.) OHWI  
Distr. : (1) B, E, F, H (2) VI-C  
Note : July, *Castanea*-zone, 1,200-  
1,900m, common
- var. *rubriflora* MAKINO  
Distr. : (1) E, F  
Note : July-Aug., *Abies*-zone, *Pinus*  
*pumila*-zone, 2,500m, rare
- Codonopsis lanceolata* (SIEB. et ZUCC.)  
TRAUTV.  
Distr. : (1) C, D, F (2) VI-C (3)  
Korea, Manchuria, Usuri and  
Amur.  
Note : Aug., *Castanea*-zone, *Fagus*-  
zone, 700-1,400m, common.
- Lobelia chinensis* LOUR.  
Distr. : (1) H (2) I-A (3)  
Ryukyu, Formosa, China,

Korea, India and Malaysia.

Note : Aug., Castanea-zone, 500m, common.

*Lobelia sessilifolia* LAMB.

Distr. : (1) A, B, C, H, I (2) I-A (3) Kurile, Saghalien, Formosa, Korea, Manchuria and Siberia.

Note : Aug., Castanea-zone, Fagus-zone, 1,000m, rare.

*Peracarpa carnosa* (WALL) HOOK. fil. et THOMS. var. *circaeoides* (FR. SCHM.)

MAKINO

Distr. : (1) B, E, H (2) I-A (3) Korea (Saisyuto), Kurile, Saghalien and Kamchatka.

Note : July, Fagus-zone, Abies-zone, 1,800-2,000m, rare.

*Phyteuma japonicum* (MIQ.) BRIQ.

Distr. : (1) A, B, C, D, E, F, H (2) I-B (3) Korea, Manchuria, Amur and Usuri.

Note : Aug., Castanea-zone, 700-800 m, common.

*Platycodon grandiflorum* (JACQ.) A. DC.

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

Note : Aug., Castanea-zone, 800 m, very common.

#### CUCURBITACEAE

*Gynostemma pentaphyllum* (THUNB.)

MAKINO

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

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

*Trichosanthes kirilowii* MAXIM. var. *japonica* (MIQ.) KITAM.

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

Note : Sept., Castanea-zone, 600 m, rare.

*Schizopepon bryoniaefolius* MAXIM.

Distr. : (1) H (2) I-A (3) Saghalien, Kurile, China and Manchuria.

Note : Sept., Castanea-zone, 1,300 m, rare.

#### DIPSACACEAE

*Dipsacus japonicus* MIQ.

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

Note : Aug., Castanea-zone, Fagus-zone, 1,000m, rare

*Scabiosa japonica* MIQ.

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

Note : Aug.-Sept., Castanea-zone, Fagus-zone, 1,300 m, very common.

var. *alpina* TAKEDA

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

Note : July-Aug., Pinus pumila-zone, 2,600-2,800m, rare.

#### VALERIANACEAE

*Patrinia scabiosaefolia* FISCH.

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

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

*P. triloba* (MIQ.) MIQ.

Distr. : (1) B, D, E, F, H (2) VI-B

Note : Aug., Fagus-zone, Abies-zone,  
1,500-2,000m, common.

*Patrinia villosa* (THUNB.) JUSS.

Distr. : (1) A, B, C, D, E, F, H, I  
(2) I-B (3) Ryukyu, Korea,  
Manchuria and China.

Note : July, Castanea-zone, Fagus-  
zone, 700-1,500m, common.

*Valeriana fauriei* BRIQ.

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

Note : May - July, Castanea - zone,  
Fagus-zone, 800m, rare.

*V. flaccidissima* MAXIM.

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

Note : Apr. - May, Machilus - zone,  
Castanea-zone, 400-700m, rare.

#### ADOXACEAE

*Adoxa moschatellina* L.

Distr. : (1) A, B, F (2) V-A (3)  
Saghalien, Kurile and Tempera-  
te zone of Northern Hemisphere.

Note: May, Fagus-zone, 1,000m, rare.

#### CAPRIFOLIACEAE

*Aberia spathulata* SIEB. et ZUCC.

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

Note : May, Castanea-zone, Fagus-  
zone, 1,300-2,000m, common.

var. *sanguinea* MAKINO

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

Note : June, Castanea-zone, 1,000 m,  
common.

*A. tetrasepala* (KOIDZ.) HARA et  
KUROSAWA

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

Note : May, Castanea-zone, 1,400m,  
common.

*Linnaea borealis* L.

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

Saghalien, Alaska and Korea,  
Subfrigid zone of Northern  
Hemisphere

Note : July, Abies-zone, 1,800m, rare.

*Lonicera caerulea* L. var. *edulis* TURCZ.

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

Kurile, Saghalien, Eastern  
Siberia and Kamchatka.

Note : Aug., Pinus pumila - zone,  
2,700m, very rare.

(次号につづく)