

Haruo UEMATSU* : A list of the plants distributed on the Southern
Japanese Alps (5)

植松春雄* 南アルプス産植物目録 (五)

Lonicera Chamissoni BUNGE

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

Saghalien, Kurile, Amur and
Kamchatka.

Note : July-Aug., Pinus pumila-zone,
2,500-2,700m, rare.

L. demissa REHD.

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

Note : July, Fagus-zone, Abies-zone,
1,500-2,000m, rare. (Geological
History Element)

L. gracilipes MIQ.

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

Note : Apr.-May, Castanea-zone,
500m, common.

var. *glandulosa* MAXIM.

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

Note : Apr.-May, Castanea-zone,
500m, common.

var. *glabra* MIQ.

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

Note : Apr.-May, Castanea-zone,
500m, rare.

L. japonica THUNB.

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

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

Note : July, Castanea-zone, common.

Lonicera Konoii MAKINO

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

Note : July-Aug., Pinus pumila-
zone, 2,500m, very rare.

(Geological History Element)

L. Mochidzukiana MAKINO

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

Note : July, Abies-zone, 2,000m, very
rare.

L. praeflorens BATALIN

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

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

L. ramosissima FR. et SAV. var. *kinkiensis* OHWI

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

Note : July, Castanea-zone, 1,100m,
very rare.

L. storophiophora FR.

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

Note : May, Fagus-zone, 1,700m,
very rare.

L. tschonoskii MAXIM.

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

Note : July, Pinus pumila-zone, 2,400

* 山梨県立教育研究所 Teacher Consultant, Institute for Educational Research and Inservice Training in Yamanashi Prefecture

-2,800m, rare.

Lonicera Watanabeana MAKINO (L.
alpigena L. var. *glehnii* (FR. SCHN.)
NAKAI)

Distr. : (1) C, E, F, G (2) IV-F,
(Endemic plant.)

Note : June-July, Fagus-zone, 1,500-
1,800m, rare.

Sambucus chinensis LINDL.

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

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

S. Sieboldiana BL. ex GRAEBN.

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

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

Triosteum sinuatum MAXIM.

Distr. : (1) A (2) IV-E (3) Man-
churia, Usuri and Amur.

Note : July, Castanea-zone, Fagus-
zone, 1,000-1,500m, very rare.
(Geological History Element)

T. pinnatifidum MAXIM.

Distr. : (1) C (2) IV-F, Endemic
plant (Mt. Kushigata, The
river Fuefuki) (3) China

Note : June-July, Fagus-zone, 1,500
m, very rare. (Geological His-
tory Element)

Viburnum dilatatum THUNB.

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

Note : July, Castanea-zone, 800m,
common.

Viburnum erosum THUNB.

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

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

V. furcatum BL.

Distr. : (1) A, B, C, D, E, F, G, H.
I (2) I-A (3) Kurile, Sagh-
alien and Korea.

Note : May, Fagus-zone, 1,400-2,000
m, common.

V. phlebotrichum SIEB. et ZUCC.

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

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

V. plicatum THUNB. var. *tomentosum*
(THUNB.) MIQ.

Distr. : (1) A, B, E, F, H (2) II-A
Note : July, Fagus-zone, 1,200m,
rare.

V. Sargentii KOEHNE [*V. opulus* L.
var. *calvescens* (REHDER) HARA]

Distr. : (1) A, B, E, H (2) I-A
(3) Kurile, Saghalien, Korea,
Manchuria, China, Amur, Us-
uri and China.

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

V. urceolatum SIEB. et ZUCC. var.
procumbens NAKAI

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

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

V. wrightii MIQ.

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

- (2) I-A (3) Saghalien, Korea and China.
 Note : July, Castanea-zone, Fagus-zone, 800-1,500m, common.
- Weigela decora* (NAKAI) NAKAI
 Distr. : (1) B, C, D, E, F, H (2) I-B
 Note : July, Fagus-zone, 1,000m, common.
- W. floribunda* (SIEB. et ZUCC.) K. KOCH
 Distr. : (1) D (2) III
 Note : July, Fagus-zone, 1,000m, rare
- W. hortensis* (SIEB. et ZUCC.) K. KOCH
 Distr. : (1) A, B, C, D, E, H (2) I-B
 Note : June-July, Fagus-zone, 1,000 m, rare.
- W. sanguinea* (NAKAI) NAKAI
 Distr. : (1) B, C, D, E, F, H (2) IV-C
 Note : July, Castanea-zone, 800m, rare
- RUBIACEAE
- Asperula odorata* L.
 Distr. : (1) E, F (2) I-A (3) Korea, Kurile, Saghalien, Europe and Africa.
 Note : July, Castanea-zone, 800m, common.
- Galium kamtschaticum* STELLER, ex ROEM. et SCHULT.
 Distr. : (1) B, E, F, H (2) V-A
 Note : July, Abies-zone, 1,600-2,600 m, rare.
- var. *acutifolium* HARA
 Distr. : (1) E, F, G, H (2) I-A (3) Kurile and Saghalien.
 Note : July, Abies-zone, 2,200-2,500 m, rare.
- Galium kinuta* NAKAI et HARA
 Distr. : (1) A, E, H (2) I-B (3) China.
 Note : Aug., Castanea-zone, 1,200m, rare.
- G. paradoxum* MAXIM.
 Distr. : (1) A, E, H (2) I-A (3) Korea, Manchuria and China.
 Note : Aug., Fagus-zone, 1,500m, rare.
- G. pogonanthum* FR. et SAV.
 Distr. : (1) D (2) I-B (3) Korea.
 Note : June, Castanea-zone, 1,500m, rare.
- G. pseudo-asprellum* MAKINO
 Distr. : (1) E, H (2) I-A (3) Korea, Manchuria, China and Eastern Asia.
 Note : Aug., Castanea-zone, 800m, common.
- G. trachyspermum* A. GRAY
 Distr. : (1) A, B, C, D, E, F, H, I (2) I-A (3) Korea and China.
 Note : Aug., Castanea-zone, 700m, common.
- G. trifidum* L. var. *brevipedunculatum* REGEL
 Distr. : (1) A (2) I-A (3) Eastern Asia and Northern America.
 Note : June, Fagus-zone, 1,700m, common.
- G. trifloriforme* KOMAR.

- Distr. : (1) B, E, H (2) I-A (3)
Kurile, Saghalien, Korea, Manchuria and China.
Note : Aug., Fagus-zone, Abies-zone, 1,500-2,000m, rare.
- var. *nipponicum* (MAKINO) NAKAI [*G. japonicum* MAKINO (emend. OKUYAMA)]
Distr. : (1) B, E, F (2) I-A (3)
Korea.
Note : Aug., Fagus-zone, Abies-zone, 1,800m, rare.
- G. verum* L. var. *asiaticum* NAKAI
Distr. : (1) A, E, H (2) I-A (3)
Korea.
Note : Aug., Castanea-zone, Abies-zone, 900-2,000m, common.
- forma *intermedium* NAKAI
Distr. : (1) H
Note : Aug., Castanea-zone, 900m, very rare.
- Hedyotis lindleyana* HOOK. var. *hirsuta* HARA
Distr. : (1) D (2) I-B (3) The Bonin, China, Malaysia and India.
Note : Sept., Castanea-zone, 900m, very rare.
- Mitchella undulata* SIEB. et ZUCC.
Distr. : (1) A, B (2) I-A (3)
Southern Korea.
Note : Aug., Fagus-zone, 1,500m, very rare.
- Paederia scandens* (LOUR.) MERRILL var. *mairei* (LÉV.) HARA
Distr. : (1) A, B, C, D, E, F, H, I (2) I-A (3) Korea, China, Ryukyu, Formosa and Philippine.

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

Pseudopyxis heterophylla (Miq.)

MAXIM.

Distr. : (1) C (2) VI-C

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

Rubia akane NAKAI

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

Formosa, Korea and China.

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

R. chinensis REGEL et MAACK var.

glabrescens (NAKAI) KITAGAWA

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

(3) Korea and Manchuria.

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

R. hexaphylla (MAKINO) MAKINO

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

Korea.

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

PLANTAGINACEAE

Plantago asiatica L.

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

(2) I-A (3) Kurile, Saghalien, Ryukyu, Formosa, China, Siberia and Malaysia.

Note : Aug., Castanea-zone, Fagus-zone, 500-1,500m, very common. (Naturalized plant)

PHRYMACEAE

Phryma leptostachya L. var. *asiatica*

HARA

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

China, Annam, Himalayas and Siberia