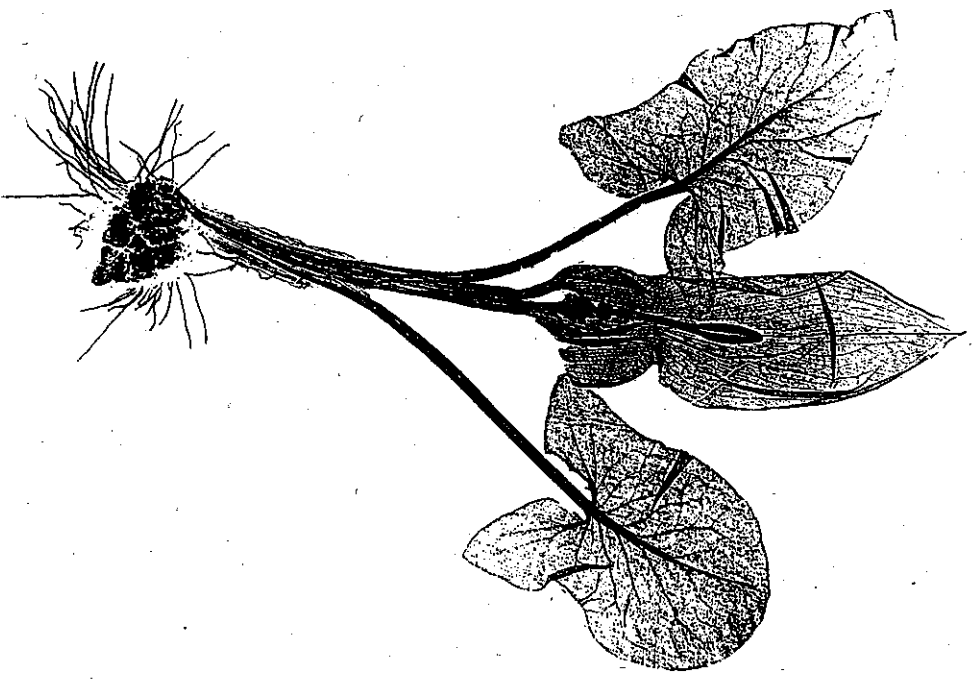


**INDEX  
SEMINUM**

**1995**



**Prague Botanical Garden  
Czech Republic**

# INDEX

## SEMINUM

### Geographical data

Latitude : 50° 07'  
Longitude : 17° 24'  
Altitude : 180 - 290 m

### Meteorological data

mean temperature 8.5° C  
mean precipitation 517 mm  
mean humidity 75%

**Pražská botanická zahrada  
Nádvorní 134, 171 00 Praha 7  
Czech Republic**

### Seed collectories

JH ..... Jiří Haager  
director of BG

VH ..... Vladimír Huml  
curator

PS ..... Pavel Sekerka  
curator

VM ..... Věra Mandáková  
ecologist

Jiří Novák - Cactaceae

Šárka Zeitlhamerová  
BG Teplice

# 1995

**PINOPHYTA**

**Cupressaceae**

- 1 *Juniperus cf. oblonga Bieb.*  
Turkey, 5 km W from Oltu by rd. Tortum - Oltu, pasture, PS, VH, 31.8.95
- 2 *Juniperus communis L.*  
France, pine forest near rd. Mende - St. Emime, PS, VH, JH 8.10.94
- 3 *Juniperus communis L.*  
Spain, Pyrenées, mountain meadows near Maranges, S of Andorra frontier, PS, JH, VH, 14.10.94
- 4 *Juniperus communis L.*  
**prostrate form**  
Turkey, about 1km W from col Vaudagi Geçidi on rd. E 97 ( 050) in forest of *Pinus silvestris* and *Quercus* sp., PS, VH, 2.9.95
- 5 *Juniperus communis L.*  
*ssp. nana Syme in Sowerby*  
**prostrate form**  
Turkey, lake Abant Göli, SW from Bolu, alpine meadow, PS, VH, 22.4.95
- 6 *Juniperus drupacea Lab.*  
33 km N by rd. 695 from Akseki, junipens and *Pinus* forest, 5.5.95
- 7 *Juniperus excelsa Bieb.*  
Turkey, rd. Mudurnu - Nallhan, bridge near Uzundere, about 13 km from Nallhan, Juniperus and *Palurus* bush, PS, VH, 22.4.95
- 8 *Juniperus oxycedrus L.*  
France, forest margin near Montagnac, PS, JH, VH, 11.10.94
- 9 *Juniperus oxycedrus L.*  
France, Belesia, PS, JH, VH, 12.10.94
- 10 *Juniperus phoenicea L.*  
Spain, rock near rd. 1313 51 km S from Andorra frontier, PS, JH, VH, 13.10.94

**Pinaceae**

- 11 *Abies koreana Wils.*  
Botanical Garden - Teplice

- 12 *Abies nordmanniana (Steud.) Spach*  
*ssp. nordmanniana*

- 13 *Picea orientalis (L.) Link.*  
Turkey, N slope of Çam Geçidi NW from Ardahan, forest of *Abies*, PS, VH, 28.8.95
- 14 *Picea orientalis (L.) Link.*  
Turkey, about 5 km from crossing E97 to Zığana Köyü ( S slope of Zığana Geçidi) pasture and *Picea orientalis* forest, PS, VH, 4.9.95
- 15 *Pinus flexilis James*
- 16 *Pinus peuce Griseb.*  
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- 17 *Pinus rotundata Link.*  
Spain, Pyrenées, young trees on meadow near Maranges, S of Andorra frontier, PS, JH, VH, 13.10.94
- 18 *Tsuga sieboldii Carr.*

**DICOTYLEDONOPSIDA**

**Aceraceae**

- 19 *Acer hyrcanum Fisch. et Mey.*  
Turkey, 2 km N by rd. 950 from Tortum, rocks, PS, VH, 1.9.95
- 20 *Acer monspessulanum L.*  
France, on the Rd. from St.Emime to Mende, PS, JH, VH, 10.10.94

**Anacardiaceae**

- 21 *Cotinus coggygria Scop.*  
Turkey, 2 km N by rd. 950 from Tortum, rocks, PS, VH, 1.9.95
- 22 *Rhus coriaria L.*  
Turkey, near village Murgul (S from Hopa), bush, PS, VH, 27.8.95

**Apiaceae**

- 23 *cf. Ferula*  
( dominant plants light up 1,5 m )  
Turkey, hill about 1 km E from Pasinler, pasture, PS, VH, 31.8.95

## Araliaceae

- 24 *Aralia elata* Seem.  
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## Asteraceae

- 25 *Achillea pyrenaea*  
*Sybil.*, ex *Godr. in Gren. et Godron*
- 26 *Andryala aghardii* Haensel, ex DC.
- 27 *Antennaria nebrascensis* Greene
- 28 *Antennaria parviflora* Nutt.
- 29 *Antennaria speciosa* E. Nelson  
Ex : BG Kiel
- 30 *Aster flaccidus* (tibeticus) Bunge in Mem.
- 31 *Centaurea macrocephala*  
*Puschk.*, ex *Willd.*
- 33 *Coreopsis delphinifolia* Lam.
- 34 *Crepis pyrenaea* (L.) W. Greuter
- 35 *Cynithia hnosyris* (L.) Soják  
Ex : Czech Rep., Mikulov, limestone-pit  
Martánský lom
- 36 *Helichrysum plicatum*  
*(Fisch. et Mey.) DC.*
- 37 *Helichrysum* sp. (perennial species)  
Turkey, about 5 km from Çam Geçidi to  
Arđahan, pastures, PS, VH, 28.8.95
- 38 *Hieracium aurantiacum* L.
- 39 *Hieracium aurantiacum* L.  
Czech Rep., naturalized in orchard,  
Proseč near Humpolec, PS, 8.1995
- 40 *Hieracium pilosella* L.  
Czech Rep., pasture on granite, Proseč  
near Humpolec, PS, 8.95
- 41 *Hieris spicata* (L.) Willd.  
- Schneewischen
- 42 *Hieris spicata* (L.) Willd.
- 32 *Senecio bicolor* (Willd.) Tod.  
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- 43 *Senecio grandifolius*  
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## Berberidaceae

- 44 *Berberis cf. crataegina* DC.  
Turkey, 12 km N from Tuzluca, river  
canyon, PS, VH, 30.8.95
- 45 *Berberis cf. crataegina* DC.  
Turkey, limestone canyon on rd. 965 2km  
N from Köték (direct Kars), PS, VH,  
30.8.95

- 46 *Podophyllum hexandrum* (emodii)

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*Royle*

## Bignoniaceae

- 47 *Incarvillea mairei* (Lévl.) Grierson

## Boraginaceae

- 48 *Myosotis laxa* Lehm.  
Czech Rep., sandy bank of pond  
Pěněnský rybník near village Horní Pěna,  
distr. Jindřichův Hradec, PS, 22.07.94

## Brassicaceae

- 49 *Alyssoides graeca* (Reuter) Javorka
- 50 *Alyssoides utriculata* (L.) Medic.
- 51 *Arabis alpina* L.  
ssp. *caucasica* (Willd.) Britq.
- 52 *Berteroa incana* (L.) DC.  
Czech Rep., wild in Prague Botanical  
Garden,
- 53 *Crambe orientalis* L.  
Turkey, about 10 km E by rd. E80 (100)  
from Aşkale, limestone hill near river, PS,  
VH, 2.9.95
- 54 *Dentaria euneaphylla* L.  
Slovak Rep., Slovenský kras, N from  
Jablónov nad Turňou, Buková, beech  
forest, PS, 23.6.94
- 55 *Thlaspi arvense* L.  
Czech Rep., distr. Pelluřimov, field, Proseč  
near Kalíšťe, PS, 9.1993

## Cactaceae

- 56 *Opuntia humifusa Raf.*  
57 *Opuntia phaeacantha Engl.*  
58 *Opuntia phaeacantha Engl.*  
var. *camanochica (Engl.) Borg.*  
59 *Opuntia phaeacantha Engl.*  
f. *palida bort.*  
60 *Opuntia phaeacantha Engl.*  
f. *rubra bort.*  
61 *Opuntia phaeacantha Engl.*  
f. *salmonca bort.*

## Campanulaceae

- 62 *Campanula bellidifolia Adams*  
63 *Campanula* (biennial species)  
Turkey, 3 km W from col Kireçli Geçidi  
on rd: Tortum - Narman, limestone hill,  
PS, VH, 1.9.95  
64 *Campanula saxifraga M.B.*  
65 *Platycodon grandiflorus (Jacq.) A. DC.*  
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## Capparidaceae

- 66 *Capparis ovata Desf.*  
var. *herbacea (Willd.) Zoh.*  
Turkey, 1 km SE by rd. 950 from Artvin,  
semidesert rocks, PS, VH, 27.8.95  
67 *Capparis spinosa L.*  
Greece, Crete, ruins of Phaistos, PS,  
9.9.94

## Celastraceae

- 68 *Euonymus europaeus L.*  
Czech Rep., distr. Mladá Boleslav, poplar  
forest near Jizera river, Bakov, PS, 10.94  
76 *Euonymus latifolius (L.) Miller*  
Turkey, about 5 km from crossing rd. E97  
to Zigana Köyü (S slope Zigana Geçidi,  
pasture, PS, VH, 4.9.95

## Caprifoliaceae

- 69 *Lonicera caucasica Pallas*  
Turkey, rd. 925 near Sivrikaya, margin of  
*Picea orientalis* forest, PS, VH, 26.8.95  
70 *Lonicera iberica Bieb.*  
Turkey, 5 km W from Oltu on rd. Tortum  
- Oltu, pasture, rocks, PS, VH, 31.8.95  
71 *Lonicera* sect. *Lonicera*  
Turkey, 3 km W from col Kireçli Geçidi  
on rd. Tortum - Narman, Populus forest,  
PS, VH, 1.9.95  
72 *Sambucus ebulus L.*  
Slovak Rep., distr. Nitra, S slope of ruins  
of castle Gyneš, VM  
73 *Viburnum lantana L.*  
Turkey, N slope of col Kop Geçidi on rd.  
E 97(915), limestone, pasture, PS, VH,  
2.9.95  
74 *Viburnum lantana L.*  
Turkey, rd. 925 near Sivrikaya, margin of  
*Picea orientalis* forest, PS, VH, 26.8.95  
75 *Viburnum tinus L.*  
France, Narbonne - Plage, JH, VH, PS,  
13.10.94

## Cistaceae

- 77 *Fontana sp.*  
Turkey, 2 km N by rd. 950 from Tortum,  
rocks, PS, VH, 1.9.95  
78 *Helianthemum nummularium s.l.*  
Turkey, about 5 km from Çam Geçidi to  
Ardahan, pasture, PS, VH, 28.8.95  
79 *Helianthemum ovatum*  
(*Viv.*) *Dunal in DC.*  
Slovak Rep., Slovenský kras, N from  
Turnianské Podhradie, Krkavčie skaly, PS,  
23.6.94  
80 *Rhodax canus (L.) Fuss*  
Slovak Rep., Slovenský kras, N from  
Turnianské Podhradie, Krkavčie skaly, PS,  
23.6.94

## Convolvulaceae

- 81 *Convolvulus cantabrica L.*  
Ex: BG Meyrin

## 89 *Rhododendron caucasicum Pallas*

Turkey, Çam Geçidi, NW from Ardahan, acid meadows above tree-line PS, VH, 28.8.95

## Cornaceae

- 82 *Corinus mas L.*  
dried fruit in Erzurum fair, 95

## Fabaceae

- 90 *Anagyris foetida L.*  
Greece, Kardamilli (60 km N from Olympia), VM 7.94

## Crassulaceae

- 91 *Colutea cf. armena*

*Boiss. et Huet. in Boiss.*

## 83 *Sedum telephium L.*

ssp. *maximum (L.) Krockner*

Turkey, 2 km N by rd. 950 from Tortum, rocks, PS, VH, 1.9.95

Turkey, hill up Yayladere, E from

92 *Geistia thictoria L.*

Gümüşhane, pasture, rocks, PS, VH, 3.9.95

Czech Rep., distr. Pelhřimov, Proseč near Kaliště, margin of pine forest, PS, 21.8.94

## 84 *Semperivivum sp.*

Turkey, hill up Yayladere, E from Gümüşhane, pasture, rocks, PS, VH, 3.9.95

93 *Trifolium arvense L.*

Czech Rep., distr. Jindřichův Hradec, bank of pond Pěčenský rybník near Horní Pěna, PS, 22.7.94

## Cuscutaceae

## Gentianaceae

## 85 *Cuscuta europaea L.*

Czech Rep., on *Urtica dioica*, Chocerady, banks of Sázava river, JH, 21.8.95

94 *Gentiana lutea L.*

Spain, mountain meadow, Pyrenées near Maranges, PS, JH, VH, 13.10.94

## Dipsacaceae

## 86 *Scabiosa cf. caucasica Bieb.*

Turkey, 5 km E from Çanılıçatak (S from Hanak ), *Pinus silvestris* forest, PS, VH, 28.8.95

## Globulariaceae

## 87 *Scabiosa columbarta L.*

ssp. *lucida (Vill.) Čelak*

Ex : Slovak Rep., mountain Velký Choč, alpine meadows, 1600 m, 25.7.1993

96 *Globularia sp.*

Turkey, hill about 1 km E from Pasinler, pasture PS, VH, 31.8.95

## Ericaceae

## Hyperticaceae

## 88 *Arbutus unedo L.*

France, bush near crossing of rds. N110 and 999 NW from Nîmes, PS, JH, VH, 12.10.94

97 *Hyperticum cf. androsaemum L.*

Turkey, 21 km S by rd. from Ardeşen near crossing to Kadıköi, forest of *Fagus*, Tilla, Ahnus, PS, VH, 27.8.94

## Lamiaceae

### 98 *Dracocephalum austriacum L.*

Ex : Czech Rep., Karlštejn Natural  
Reservation

### 99 *Dracocephalum forrestii W.W. Sm.*

### 100 *Dracocephalum grandiflorum L.*

'light blue form'

### 101 *Dracocephalum renardii*

### 102 *Hysopus officinalis L.*

ssp. *angustifolius (Bieb.) Arcangelii*

Turkey, hill up Yayladere, E from  
Güntüşhane, pasture, rocks, PS, VH,  
3.9.95

## Malvaceae

### 103 *Alcea sp.*

( tall herb with nice yellow flowers )

Turkey, lake Çıldır Gölü, pasture near  
lake, roadside, PS, VH, 28.8.95

### 104 *Pavonia schrankii*

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## Oenotheraceae

### 105 *Oenothera pumila*

## Oleaceae

### 106 *Jasminum fruticans L.*

France, limestone rock, 2 km N from  
Narbonne - Plage, JH, PS, , VH, 13.10.94

## Orobanchaceae

### 107 *Aeginetia indica L.*

on *Selaria palmifolia*

## Paeoniaceae

### 108 *Paeonia mascula (L.) Miller*

Turkey, limestone hill near col Kop  
Geçidi on rd. E 97(915), oak bush, PS,  
VH, 2.9.95

## Papaveraceae

### 109 *Dicentra formosa (Andr.) Walp.*

ssp. *oregana (Eastw.) Munz.*

### 110 *Papaver cf. orientale L.*

Turkey, hill about 1 km E from Pasinler,  
pasture, PS, VH, 31.8.95

### 111 *Papaver lateritium Koch*

Turkey, 5 km S by rd. 925 from Sivrikaya,  
roadside, dry alpine meadows, PS, VH,  
26.8.95

### 112 *Papaver sect. Macrantha Elk.*

Turkey, hill up Yayladere, E from  
Güntüşhane, pasture, rocks, PS, VH,  
3.9.95

### 113 *Stylophorum diplythum (Michx.) Nutt.*

Ex : Trondheim

## Passifloraceae

### 114 *Passiflora edulis Sims*

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## Plumbaginaceae

### 115 *Acantholimon sp.*

Turkey, 5 km W from Olu on rd. Tortum  
- Olu, steppe pasture, PS, VH, 31.8.95

### 116 *Acantholimon sp.*

Turkey, hill about 1 km E from Pasinler,  
pasture, PS, VH, 31.8.95

### 117 *Acantholimon sp.*

Turkey, rocks along river 25 km by rd.  
070 from Digor, semidesert pasture, PS,  
VH, 29.8.95

### 118 *Armeria maritima (Mill.) Willd.*

' Disseldorf Stolz '

### 119 *Armeria maritima (Mill.) Willd.*

f. *alba*

### 120 *Limonium gougelianum*

( *Girard* ) *O. Kuntze*

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## Polygonaceae

- 121 *Rheum ribes* L.  
Turkey, limestone hill near col Kıp Geçidi on rd. E 97(915), pasture, PS, VH, 2.9.95

## Primulaceae

- 122 *Primula rosea* Royle  
123 *Primula* sp.  
Turkey, E side of col Kireçli Geçidi (on rd. Tortum - Oltu), wet alpine meadows, PS, VH, 31.8.95
- 124 *Primula*  
subgen. *Primula*  
Turkey, 5 km E by rd. 950 from Savasal margin of Picea orientalis forest, PS, VH, 27.8.95

- 125 *Primula*  
subgen. *Primula*  
Turkey, col Çam Geçidi, NW from Ardahan, alpine meadows, PS, VH, 28.8.95

- 126 *Primula* (3)  
subgen. *Aleurita* (Druby) Wendelbo  
Turkey, rd. 925 near Sivrikaya, wet alpine meadows, PS, VH, 26.8.95

- 127 *Primula* (1)  
subgen. *Aleurita* (Druby) Wendelbo  
Turkey, near rd. 925, col Ovitdagı Geçidi along stream PS, VH, 26.8.95

- 128 *Primula* (2)  
subgen. *Aleurita* (Druby) Wendelbo  
Turkey, rd. 925, col Ovitdagı Geçidi, wet granite rocks, pasture, 2600 m, PS, VH, 26.8.95

## Punicaceae

- 129 *Punica granatum* L.  
Big, yellowish fruit  
Fair in Erzurum, PS
- 130 *Punica granatum* L.  
Nana  
Botanical Garden - Teplice

## Ranunculaceae

- 131 *Anemone* cf. *coronaria* L.  
white form  
Turkey, up from ruin of Selge, Koprulu Kanyon Milli Parkı, PS, VH, 19.4.94

- 132 *Anemone coronaria* L.  
Turkey, 5 km S by rd. E87 from Selcuk, PS, VH, 15.4.94

- 133 *Anemone coronaria* L.  
Turkey, fields near Pamukkale, PS, VH, 17.4.94

- 134 *Aquilegia bicolor* Ehrh.

- 135 *Aquilegia canadensis* L.

- 136 *Aquilegia scopulorum* Tidestrom

- 137 *Callitha palustris* L.

Czech Rep., meadow near small pond, Proseč near Humpolec, PS, 8.95

- 138 *Clematis orientalis* L.

Turkey, 15 km N from Tuzluca, canyon, PS, VH, 30.8.95

- 139 *Clematis orientalis* L.

Turkey, limestone canyon on rd. 965, 2km N from Kölek (direction to Kars), rocks, PS, VH, 30.8.95

- 140 *Mycosurus minimus* L.

Czech Rep., distr. Jindřichův Hradec sandy bank of pond Pěňenský rybník near Horní Pěna, PS, 22.7.94

- 141 *Pulsatilla albana*

(Steud.) Borch. et J.S. Presl

- 142 *Pulsatilla campanella*

- 143 *Pulsatilla pratensis* (L.) Mill.

ssp. *bohemica* Skalický

Czech Republic, wild in Prague,

- 144 *Pulsatilla pratensis* (L.) Mill.

ssp. *bohemica* Skalický

Czech Rep., distr. Beroun, limestone-pit Četový schody near Beroun, PS, VM, 16.6.94

- 145 *Pulsatilla serotina*

- 146 *Ranunculus sceleratus* L.

Czech Rep., distr. Jindřichův Hradec, sandy bank of pond Pěňenský rybník near Horní Pěna, PS, 22.7.94



- 147 Thalictrum sp.** (high up to 100cm)  
Turkey, floodplain 5 km NW by rd.  
E97(915) from Askale, in Salix and  
Hippophae bush, PS, VH, 2.9.95

## Rhamnaceae

- 148 Frangula alnus Miller**  
ssp. *alnus*  
Turkey, 21 km S by rd. from Ardegen  
near crossing to Kadiköi, forest of Fagus,  
Tilia, Alnus near stream PS, VH, 27.8.94
- 149 Paliurus spina-christi Miller**  
Turkey, near Pamukkale, PS, VH,  
17.4.94
- 150 Paliurus spina-christi Miller**  
Turkey, rd. Mudurnu - Nallihan, near  
bridge near Uzandere, about 13 km from  
Nallihan, Juniperus and Paliurus bush,  
PS, VH, 22.4.95
- 151 Rhamnus catharticus L.**  
Czech Rep., wild in Prague  
Botanical Garden,
- 152 Rhamnus cf. catharticus L.**  
Turkey, floodplain 5 km NW by rd.  
E97(915) from Askale, bush, PS, VH,  
2.9.95
- 153 Rhamnus pallasii Fisch. et Mey.**  
Turkey, rocks along river 25 km by rd.  
070 from Digor, steppe, PS, VH, 29.8.95
- 154 Ziziphus jujuba Miller**  
dried fruit in Erzurum fair, PS, 95
- Rosaceae**
- 155 Aruncus silvestris Kostel.**  
Turkey, Soguksu Milli Parki, PS, VH,  
23.4.94
- 156 Comarum palustre L.**  
Czech Rep., meadow near small pond,  
Proseč near Hluněpolec, PS, 8.95
- 157 Cotoneaster cf. morulus Pojark.**  
Turkey, about 5 km NW by rd. E97(885)  
from Torul, rocks, PS, VH, 3.9.95

## 158 Cotoneaster sp. - red fruits

Turkey, volcano about 3 km W from  
Subatan ( rd. Ani - Kars), pasture, rocks  
PS, VH, 29.8.95

## 159 Crataegus

Sect. *Pentagynae Schneider*.  
Turkey, village Murgul ( S from Hopa),  
bush, PS, VH, 27.8.95

## 160 Crataegus

cf. *pseudoheterophylla Pojark.*  
Turkey, about 5 km from crossing E97 to  
Zigana Köyü (S slope Zigana Geçidi),  
margin of Picea orientalis forest, PS, VH,  
4.9.95

## 161 Crataegus sp.

Greece, Crete, Omalos near Samaria  
National Park, PS, 8.9.94

## 162 Crataegus sp.

Turkey, in field near village Honaz, PS,  
VH, 17.4.94

## 163 Dryas x sundermannii hort.

## 164 Eriobotrya japonica (Thunb.) Lindl.

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## 165 Potentilla brewerii

## 166 Potentilla calabra Jen.

## 167 Potentilla crinita A. Gray

## 168 Potentilla nitida L.

## 169 Potentilla pyrenaea Ramond ex DC.

## 170 Potentilla rupestris L. var. pygmaea

**171 Prunus cf. cerasus L.**  
small, sour dried fruit in Erzurum fair,  
selling as " vjšne " PS, 95

## 172 Prunus divaricata Ledeb.

Turkey, about 1km W from col Vaudlagi  
Geçidi on rd. E 97 ( 050), forest of Pinus  
and Quercus, PS, VH, 2.9.95

## 173 Prunus divaricata Ledeb.

Turkey, rd. 925 near Sivrikaya, margin of  
Picea orientalis forest, PS, VH, 26.8.95

## 174 Prunus mahaleb L.

Slovak Rep., Slovensky kras, limestone  
steppe near ruin of castle Turňa, PS,  
23.6.94

## 175 Pyracantha coccinea K.J. Roem

Turkey, by rd. 950 about 15 km E from  
Hopaz, bush on limestone, PS, VH, 27.8.95

- 176 *Pyracantha coccinea K.J. Roem***  
richly fruiting with orange pomes  
Spain, Pyrenées, rock near rd 1313, 51  
km S from Andorra frontier, PS, VH,  
JH, 12.10.94
- 177 *Pyrus cf. elaeagnifolia Pallas***  
with more narrow, very dense pubescent,  
smaller fruit than 178  
Turkey, hill about 1 km E from Pasinler,  
solitary tree in pasture, PS, VH, 31.8.95
- 178 *Pyrus elaeagnifolia Pallas***  
Turkey, hill about 1 km E from Pasinler,  
solitary tree in pasture, PS, VH, 31.8.95
- 179 *Rosa sp.***  
Turkey, 5 km E by rd. 950 from Savaşat,  
margin of *Picea orientalis* and Abies  
forest, PS, VH, 27.8.95
- 180 *Rosa sp.***  
Turkey, about 5 km after Çam Geçidi  
direct to Ardahan, pasture, PS, VH,  
28.8.95
- 181 *Rosa sp.***  
Turkey, about 5 km from col Çam Geçidi  
to Ardahan, pasture, PS, VH, 28.8.95
- 182 *Rosa sp.***  
Turkey, alpine meadows, col Kostandagi  
Geçidi, E from Güniüşade, PS, VH, 3.9.95
- 183 *Rosa sp.***  
Turkey, vulcan 3 km W from Subatan  
(rd. Ani - Kars), steppe, pasture, PS, VH,  
29.8.95
- 184 *Sibbaldia parviflora Willd.***  
Turkey, 5 km S by rd. 925 from Sivrikaya,  
alpine meadow on granit, PS, VH, 26.8.95
- Rutaceae**
- 185 *Evodia velutina Rehd. et Wils.***  
Botanical Garden - Teplice
- Saxifragaceae**
- 187 *Parnassia palustris L.***  
Turkey, rd. 925 near Sivrikaya, alpine  
peat meadows, PS, VH, 26.8.95
- 188 *Ribes cf. blebersteinii Berl. ex DC.***  
Turkey, rd. 925 near Sivrikaya, bush on  
margin of *Picea orientalis* forest, PS, VH,  
26.8.95
- 189 *Ribes sp.***  
Turkey, 3 km W from col Kireçli Geçidi  
on rd. Tortum - Nannan, poplar forest,  
PS, VH, 1.9.95
- Scrophulariaceae**
- 190 *Digitalis dubia Rodt.***  
Ex : Harrogate
- 191 *Digitalis obscura L.***
- 192 *Digitalis sp.***  
Turkey, rock hill up Yayladere, E from od  
Güniüşhane, pasture, PS, VH, 3.9.95
- 209 *Digitalis sp.***  
Turkey, About 5 km after cross E97 to  
Zigana Köyü (S slope of Zigana Geçidi),  
pasture and forest of *Picea orientalis*, PS,  
VH, 4.9.95
- 193 *Verbascum blattaria L.***
- 194 *Verbascum sp.***  
Turkey, hill about 1 km E from Pasinler,  
pasture, PS, VH, 31.8.95
- 195 *Veronica officinalis L.***  
Czech Rep., road in the forest of *Pinus*  
*silvestris*, Proseč near Humpolec, PS, 7.95
- 196 *Veronica schmidtiana***
- Silenaceae**
- 186 *Arenaria stricta Michx.***  
ssp. *texana*
- 197 *Dianthus armeria L.***
- 198 *Dianthus deltoides L.***  
Czech rep., pasture on granit, Proseč near  
Humpolec, PS, 7.95
- 199 *Dianthus giganteus D'Urv.***  
Ex : Romania, Com. Limanu Reservatia  
Padurea Hagieni,
- 200 *Dianthus pancicii Velen.***
- 201 *Dianthus pontaderae Kern.***
- 202 *Dianthus repens Willd.***
- 203 *Dianthus viscidus Bory et Chaub.***

**204 *Minuartia laugii* ( Kitabelid)****(Reuss) Hohné**

Ex: Slovak Rep., Slovenský ráj

**205 *Silene schaffa* S.G. *Gmel. ex Hohen.*****206 *Viscaria alpina* L.**var. *borealis***207 cf. *Erophilla***Turkey, rd. 755 N from Karabük 70 km before Bartın, forest of *Pinus nigra* on sandstone, PS, VH, 21.4.95**208 cf. *Stellaria* ( annual desert herb )**

Turkey, by rd. 140 about 35 km W from Beyazari, GYPSY semidesert, PS, VH, 22.4.95

**Staphyleaceae****210 *Staphylea pinnata* L.**

Czech Rep., distr. Havlíčkův Brod, garden of Komárov house near village Skutý, VM, 7.10.94

**211 *Staphylea pinnata* L.**

Czech Rep., distr. Nymburk, naturalized in forest Chotuc near Klinec, VM, 24.10.94

**MONOCOTYLEDONOPSIDA****Amaryllidaceae****212 *Ixiolirion tataricum* Herb.****Araliaceae****213 *Arum italicum* Mill.**

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**Bromeliaceae****214 *Puya coerulea* Lindl.**

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**Cyperaceae****215 *Cyperus eragrostis***

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**Dioscoreaceae****216 *Dioscorea sansibarensis* Pax**

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**Iridaceae****217 *Crocus angustifolius* West.****218 *Crocus fleischeri* Gay****219 *Crocus reticulatus* Stev. ex Adams****220 *Crocus* sp.**

Turkey, 83 km S from Adiyaman on rd. 875 Sanlıurfa - Adiyaman, pasture on limestone, PS, VH, 1.5.95

**221 *Crocus spectosus* M.B.****222 *Iris* Sect. *Limniris***Turkey, hills up Safranbolu, forest of *Pinus nigra* on limestone and sandstone, PS, VH, 21.4.95**223 *Iris bucharica* M. Foster.****224 *Iris graeberiana* Van Tubergen ex Sealy****225 *Iris magnifica* Vved.****226 *Iris magnifica* Vved. f. *alba*****227 *Iris pseudacorus* L.**

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**228 *Romulea* sp.**

Turkey, Koprütlü Kanyon Milli Parkı, 5 km N from ruin Selge, pine forest on sandy rocks, VH, PS 19.4.94

**229 *Sisyrinchium striatum* Sm.**

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**Juncaceae****230 *Juncus bufonius* L.**

Czech Rep., distr. Jindřichův Hradec, sandy bank of pond Pěněnský rybník near Horní Pěna, PS, 22.7.94

**231 *Juncus conglomeratus* L.**

Czech Rep., distr. Pelhřimov, Proseč near Kalíšek, PS, 21.8.94

**232 *Juncus taugela* L.f.**

Czech Rep., distr. Jindřichův Hradec, sandy bank of pond Pěněnský rybník near Horní Pěna, PS, 22.7.94

**Liliaceae**

- 233 *Allium* Sect. *Acanthoprason*  
Turkey, 2 km N by rd. 950 from Tortum,  
rocks, PS, VH, 1.9.95
- 234 *Allium aflatuense* *B. Fedtsch.*
- 235 *Allium akaka* *Gmel.*
- 236 *Allium atropurpureum* *Waldst. et Kit.*
- 237 *Allium cf. akaka* *Gmel.*  
Turkey, near travertine cascade on rd.  
965 near village Köték (direction  
to Kars), steppe, rocks, PS, VH, 30.8.95
- 238 *Allium christophii* *Tranin.*
- 239 *Allium flavum* *L.*  
Ex: Czech Rep., Mikulov, limestone-pit  
Mariánský lom
- 240 *Allium karataviense* *Regel*
- 241 *Allium neapolitanum* (cowanii) *Gyr.*
- 242 *Allium rosenbachianum* *Regel*
- 243 *Allium senescens* *L.*  
Ex: Czech Rep., Mikulov, limestone-pit  
Mariánský lom
- 244 *Allium* sp.  
Turkey, 3 km W from col Kireçli Geçidi  
on rd. Tortum - Narman, volcanic rocks,  
PS, VH, 1.9.95
- 245 *Allium* sp.  
Turkey, col Geçidi on rd. 965 to Kars,  
pasture PS, VH, 30.8.95
- 246 *Allium* sp.  
Turkey, limestone canyon on rd. 965,  
2km N from Köték (direction Kars), PS,  
VH, 30.8.95
- 247 *Allium* sp.  
Turkey, limestone hill before col Kop  
Geçidi on rd. E 97(915), pasture, PS, VH,  
2.9.95
- 248 *Allium stipitatum* *Regel*
- 249 *Allium strictum* *Schrad.*  
Ex: Praha, Troja - Podhoří
- 250 *Allium victorialis* *L.*
- 251 *Allium x hybridum* *hort.*  
"Globmaster"
- 252 *Anthericum ramosum* *L.*  
Ex: Czech Rep., Mikulov, limestone-pit  
Mariánský lom
- 253 *Asparagus persicus* *Baker*  
Turkey, floodplain 5 km NW by rd.  
E97(915) from Askale, Salix and  
Hippophae bush, PS, VH, 2.9.95
- 254 *Asphodeline lutea* *Retzb.*  
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- 255 *Asphodelus albus* *Mill.*
- 256 *Bellevalia* sp.  
Turkey, hill about 1 km E from Pasinler,  
pasture PS, VH, 31.8.95
- 257 *Brimeura amethystina* (*L.*) *Salisb.*
- 258 *Camassia hyacinthina* *Graeb.*
- 259 *Camassia suksdorfii* *Wats.*
- 260 *Erenurus "Shelford Hybrids"*
- 261 *Erenurus fuscus* (*O. Fedtsch.*) *Vued.*
- 262 *Erenurus robustus* *Regel.*
- 263 *Erenurus* sp.  
Turkey, limestone hill near col Kop  
Geçidi on rd. E 97(915), pasture PS, VH,  
2.9.95
- 264 *Fritillaria meleagris* *L.*
- 265 *Fritillaria michailowskyi* *Fomin*
- 266 *Fritillaria pallidiflora* *Schrenck*
- 267 *Fritillaria* sp.  
Turkey, 3 km W from col Kireçli Geçidi  
on rd. Tortum - Narman, volcanic rocks,  
PS, VH, 1.9.95
- 268 *Gagea* sp.  
Turkey, Kaprılı Kanyon Milli Parkı, 5 km  
N from ruin of Selge, VH, PS, 19.4.94
- 269 *Hyacinthella azurea* (*Fenzl*) *Chouard*
- 270 *Lilium* sp.  
Turkey, 5 km E by rd. 950 from Şavsat,  
margin of Picea orientalis and Abies  
nordmanniana forest, PS, VH, 27.8.95
- 271 *Lilium* sp.  
Turkey, 5 km S by rd 925 from İktizdere,  
meadows, Picea orientalis tree zone, PS,  
VH, 26.8.95
- 272 *Lilium* sp.  
Turkey, south slope of col Zigana Geçidi,  
in Abies nordmanniana forest along  
stream, PS, VH, 3.9.95
- 274 *Muscari armeniacum* *Bak.*
- 275 *Muscari botryoides* *Mill.*
- 276 *Muscari bucharicum* *Regel*
- 277 *Muscari ciliatum*

- 278 *Muscari comosum (L.) Mill.*  
 273 *Muscari leucostomum Woron.*  
 279 *Muscari pharadii Boiss.*  
 280 *Muscari sp.*  
 Turkey, 3 km W from col. Kireçli Geçidi on rd. Tortum - Narman, volcanic rocks, PS, VH, 1.9.95  
 281 *Muscari* subgen. *Leopoldia*  
 Turkey, floodplain 5 km NW by rd. E97(915) from Askale, PS, VH, 2.9.95  
 282 *Muscari szowitzianum Bak.*  
 283 *Muscari woronowii A. Los.*  
 284 *Ornithogalum balansae Boiss.*  
 285 *Ornithogalum magnum L.*  
 286 *Ornithogalum pyramidale L.*  
 287 *Puschkinia scilloides Adams* ssp. *libanotica Boiss.*  
 288 *Scilla bifolia agg.*  
 Turkey, Honaz Belediyesi in Honaz dag mountain, forest of *Pinus nigra* VH, PS, 17.4.94  
 289 *Scilla pratensis Waldst. et Kit.*  
 290 *Scilla siberica Havn..*  
 291 *Scilla siberica Havn. f. alba*  
 292 *Scilla siberica Havn.* ssp. *armena (Grossb.) Mordeak*  
 Turkey, rd. E 97 from Trabzon, 16 km beyond the tunnel on Zigana Geçidi, VH, PS, 24.4.94  
 293 *Tulipa batalinii Regel.*  
 294 *Tulipa biflora Pall.*  
 295 *Tulipa bifloriformis Regel.*  
 296 *Tulipa pulchella Fenzl.*  
 297 *Tulipa sp.*  
 Turkey, hill about 1 km E from Pasinler, pasture, rocks, PS, VH, 31.8.95  
 298 *Tulipa sp.*  
 Turkey, hill up Yayladere, E from Gündüşhane, pasture PS, VH, 3.9.95  
 299 *Tulipa tarda Stapf.*  
 300 *Tulipa turkestanica Regel*  
 301 *Tulipa urumiensis Stapf.*  
 302 *Veratrum album L.*  
 Spain, mountain meadows, Pyrenées near Maranges, VH, PS, JH, 13.10.94

## Orchidaceae

- 303 *Dactylorhiza sp.* (robust, up 70 cm )  
 Turkey, N slope of col Kop Geçidi on rd. E 97(915), source, wet meadow, PS, VH, 2.9.95

## Poaceae

- 304 *Coix lacryma-jobii L.*  
 Botanical Garden - Teplice  
 305 *Poa badensis Haenke ex Willd.*  
 Ex : Czech Rep., distr. Brčclav, ruin of castle Srotčů Hrádek near Klenovice, limestone rocks, 380 m  
 306 *Stipa barbata*  
 Botanical Garden - Teplice  
 307 *Stipa pennata L.*  
 308 *Stipa sp.*  
 Turkey, Palandoken, higher part of going up a mountains of rd. 950 from Erzurum, meadow, pasture, PS, VH, 1.9.95  
 309 *Stipa sp.*  
 Slovak Rep., Slovenský kras, N from Turnianské podhradie, Zadielská dolina - Křavčie skaly, PS, 23.6.94

## Zingiberaceae

- 310 *Brachyochilum horsfieldii*  
 (R.Br. ex Wall) O.G. Peters  
 Botanical Garden - Teplice

**Cover illustration:**

*Arum maculatum*

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