

Vascular plants of the Nature Park »Bol'šoj Thač« and its vicinity¹, compiled from the available data by Volker Otte and Birgit Frosch

H = herbarium, L = living material, donated to the Botanic Garden in Schellerhau (Erzgebirge, Germany), S = seeds, donated to the Botanic Garden in Halle/S. (Germany) (partly leg. D. Schmid)

- Abies nordmanniana* (Steven) Spach
(1, 4, 5, 7, 8, 9H, L, 15)
- Acer campestre* L. (5, 7, 9, 12)
- Acer cappadocicum* Gled.
[syn. *A. laetum* C. A. Mey.] (3H, 4, 5, 7, 9H)
- Acer platanoides* L. (5, 7, 9)
- Acer pseudoplatanus* L. (1, 4, 5, 7, 9)
- Acer tataricum* L. (5H)
- Acer trautvetteri* Medw. (4, 7, 9L, S)
- Achillea biserrata* M. Bieb.
(5H; 7: as *A. griseovirens* Albov)
- Achillea millefolium* L. (2, 12)
- Achillea ptarmicifolia* (Willd.) Rupr. ex Heimerl
(3H)
- Aconitum confertiflorum* (DC.) Gäyer (9L)
- Aconitum orientale* Mill. (4, 5, 7, 9S)
- Aconitum pubiceps* (Rupr.) Trautv. (7, 9H)
- Aconitum variegatum* L. subsp. *nasutum*
(Fisch. ex Rchb.) Götz
(4, 9: as *A. nasutum* Fisch. ex Rchb.)
- Adenostyles macrophylla* (M. Bieb.) Czerep. (4)
- Adenostyles platyphylloides*
(Somm. & Levier) Czerep. (4)
- Aegopodium podagraria* L. (4, 12, 15)
- Agrimonia eupatoria* L. (12)
- Ajuga genevensis* L. (1, 5)
- Ajuga orientalis* L. (15)
- Ajuga reptans* L. (5)
- Alcea rugosa* Alef. (9S)
- Alchemilla dura* Buser (4)
- Alchemilla mollis* (Buser) Rothm. (12)
- Alchemilla persica* Rothm. (2)
- Alchemilla retinervis* Buser (15)
- Alisma plantago-aquatica* L. (13)
- Alliaria petiolata* (M. Bieb.) Cavara & Grande
(1, 5)
- Allium ursinum* L. (3, 5)
- Alnus incana* (L.) Moench (1, 7, 9)
- Alopecurus geniculatus* L. (12)
- Alyssum repens* Baumg. (2)
- Amaranthus retroflexus* L. (12)
- Ambrosia artemisiifolia* L. (12)
- Amelanchier ovalis* Medik.
(3H: as *A. rotundifolia* (Lam.) Dum.)
- Anacamptis pyramidalis* (L.) Rich. (5, 11)
- Androsace barbulata* Ovczinn. (1, 9H)
- Androsace chamaejasme* Wulfen ex Host (2)
- Anemone blanda* Schott & Kotschy (5)
- Anemone caucasica* Willd. ex Rupr. (1, 9, 15)
- Anemone fasciculata* L.
(1; 2: as *A. narcissiflora* L.; 7, 9S, 15)
- Anemone ranunculooides* L. (5H)
- Angelica archangelica* L. (12)
- Anthemis marschalliana* Willd. (2, 9H)
- Anthoxanthum odoratum* L. (1, 2, 7, 12, 15)
- Anthriscus nemorosa* (M. Bieb.) Spreng. (7, 9H)
- Anthriscus sylvestris* (L.) Hoffm. (12, 15)
- Anthyllis variegata* Boiss. ex Grossh.
(7: as *A. caucasica* (Grossh.) Juz.)
- Anthyllis vulneraria* L. (2)
- Anthyllis vulneraria* L. subsp. *polyphylla* (DC.)
Nyman (15: as *A. macrocephala* Wender)
- Aquilegia olympica* Boiss. (1, 4, 7, 15)
- Arabis nordmanniana* Rupr. (3H, 5)
- Arabis sagittata* (Bertol.) DC. (5H)
- Arctium minus* (Hill) Bernh. (12, 13)
- Artemisia absinthium* L. (12)
- Arum italicum* Mill. subsp. *albispatum* (Steven)
Prime (5H)
- Arum orientale* M. Bieb. (7)
- Arunca dioicus* (Walt.) Fern.
(1, 4, 5, 7, 9, 13, 15)
- Asarum europaeum* L. subsp. *causicum*
(Duch.) Soó (5H, 12)
- Asperula abchasica* V. Krecz. (2)
- Asperula taurina* L.
(1, 3H, 4: as *A. caucasica* Pobed.; 5)
- Asphodeline lutea* (L.) Rchb. (3H)
- Asplenium adiantum-nigrum* L. (5H, 11H)
- Asplenium ruta-muraria* L. (5H, 15)
- Asplenium scolopendrium* L.
(1, 4, 5, 9, 15: as *Phyllitis* s. (L.) Newm.)
- Asplenium trichomanes* L. (1, 4, 5, 13, 15)
- Asplenium viride* Huds. (1, 3H, 7, 13)
- Aster alpinus* L. (2, 7)
- Astragalus glycyphyllos* L. (1, 5H)
- Astrantia biebersteinii* Trautv. (9H)
- Astrantia maxima* Pall. (2, 4, 7, 9S)

¹ For a map of the study area see Fig. 2 on page 87 in this volume

- Astrantia pontica* Albov (2: as *A. p.* M. Bieb.; 7)
Asyneuma campanuloides (M. Bieb. ex Sims.)
 Bornm. (2, 9S)
Athyrium distentifolium Tausch ex Opiz (15)
Athyrium filix-femina (L.) Roth (4, 5, 7, 8)
Atropa bella-donna L. subsp. *caucasica* (Kreyer)
 V. E. Avet. [syn. *A. caucasica* Kreyer]
 (9: as *A. bella-donna*)
Avenula pubescens (Huds.) Dumort. (1, 15)
Ballota nigra L. (15)
Berberis vulgaris L. (3H, 7)
Betula litwinowii Doluch. (1, 4)
Betula pendula Roth (5)
Botrychium lunaria (L.) Sw. (12, 15)
Brachypodium pinnatum (L.) P. Beauv. (5)
Brachypodium pinnatum
 subsp. *rupestre* (Host) Schübl. & G. Martens
 (11H: as *B. rupestre* (Host) Roem. & Schult.)
Brachypodium sylvaticum (Huds.) P. Beauv. (4, 8)
Briza media L.
 (3H, 9H: as *B. australis* Prokud.; 5, 7)
Bromus arvensis L. (15)
Bromus benekenii (Lange) Trimen (5H)
Bromus variegatus M. Bieb. (2)
Bupleurum falcatum L. (2)
Bupleurum falcatum subsp. *polyphyllum* (Ledeb.)
 Wolff (7, 9H: as *B. polyphyllum* Ledeb.)
Calamagrostis arundinacea (L.) Roth
 (2, 4, 7, 8, 15)
Callitriche palustris L. aggr. (12)
Caltha palustris L. (12)
Caltha palustris var. *polypetala* (Hochst.) Huth
 (1)
Calystegia silvatica (Kit.) Griseb. (5H)
Campanula albobovii Kolak. (2)
Campanula alliariifolia Willd. (5H)
Campanula ciliata Steven (1)
Campanula collina Sims (2: as *C. c.* Sims.)
Campanula lactiflora M. Bieb. (9)
Campanula latifolia L. (4, 7)
Campanula rapunculoides L. (5H, 12)
Campanula saxifraga M. Bieb. (15)
Campanula tridentata Schreb. (2)
Cannabis sativa L. subsp. *spontanea*
 Serebrjakova (13)
Cardamine bulbifera (L.) Crantz
 (4, 5, 13, 15: as *Dentaria b.* L.)
Cardamine impatiens L. (1, 4, 15)
Cardamine lazica Boiss. & Bal. (5H)
Cardamine quinquefolia (M. Bieb.) Schmalh.
 (3H, 5: as *Dentaria qu.* M. Bieb.)
Cardamine uliginosa M. Bieb. (1)
Carduus acanthocephalus C. A. Mey. (8)
Carduus acanthoides L. (12)
Carex caucasica Steven (9L)
Carex digitata L. (1, 5H, 13)
Carex divulsa Stokes (3H, 5H)
Carex echinata Murray (12)
Carex humilis Leyss. (12)
Carex michelii Host (5H)
Carex nigra (L.) Reichard aggr. (12)
Carex ovalis Gooden. (2, 12)
Carex pallescens L. (1, 5H)
Carex pendula Huds. (1, 8, 9S)
Carex remota L. (5)
Carex sylvatica Huds. (1, 5, 15)
Carex tristis M. Bieb. (1)
Carex umbrosa Host subsp. *huetiana* (Boiss.)
 Soó (15: as *C. huetiana* Boiss.)
Carlina vulgaris L. (7)
Carpinus betulus L.
 (4, 5; 1, 9S, 15: as *C. caucasica* Grossh.)
Centaurea dealbata Willd. (2)
Centaurea phrygia L. subsp. *abbreviata* (C.
 Koch) Dostál [1: as *C. abbreviata* (C. Koch)
 Hand.-Mazz.]
Centaurium erythraea Rafn. (13)
Cephalanthera damasonium (Mill.) Druce (5)
Cephalanthera longifolia (L.) Fritsch (5)
Cephalanthera rubra (L.) Rich. (1, 5, 9, 15)
Cephalaria calcarea Albov [7: as *C. brevipalea*
 (Somm. & Levier) Litv.]
Cephalaria gigantea (Ledeb.) Bobr.
 (1, 4, 7, 9, 14)
Cerastium arvense L. (2)
Cerastium dahuricum Fisch. ex Spreng. (4)
Cerastium fontanum Baumg. subsp. *vulgare*
 (Hartman) Greuter & Burdet
 (1: as *C. holosteoides* Fries)
Cerasus avium (L.) Moench (5)
Cerinthe glabra Mill. (10)
Cervaria caucasica (M. Bieb.) Pimenov [syn.
Peucedanum c. (M. Bieb.) C. Koch] (5H)
Chaerophyllum aureum L. [syn. *Ch. maculatum*
 Willd. ex DC.] (5H, 9H, S)
Chaerophyllum roseum M. Bieb. (7)
Chaerophyllum temulum L. (5H)
Chamaesciadium acaule (M. Bieb.) Boiss. (9)
Chelidonium majus L. (12)
Chenopodium polyspermum L. (13)
Chrysosplenium alternifolium L. (1, 3H, 5)
Cicerbita macrophylla (Willd.) Wallr. (4, 7)

- Cicerbita prenanthoides* (M. Bieb.) Beauverd (5H)
Cichorium intybus L. (1, 12)
Circaea alpina L. (7, 10, 13)
Circaea lutetiana L. (5, 8, 9, 13)
Cirsium arvense (L.) Scop. (12)
Cirsium obvallatum (M. Bieb.) Fisch. (9S)
Cirsium vulgare (Savi) Ten. (12)
Clinopodium vulgare L. (2, 5H)
Coeloglossum viride (L.) D. Hartm. (1, 7, 9, 14)
Colchicum umbrosum Steven (5)
Convallaria majalis L. (5)
Conyza canadensis (L.) Cronquist (12)
Corallorhiza trifida Chatel. (1, 9)
Cornus mas L. (5H, 11H, 14)
Cornus sanguinea L. subsp. *australis* (C. A. Mey.) Jáv. (5H: as *C. australis* C. A. Mey.)
Coronilla coronata L. (5H)
Coronilla varia L. (5H)
Corydalis caucasica DC. [syn. *C. solida* Sw. var. *caucasica* (DC.) Jordanov & Kožuharov] (5H)
Corydalis malkensis Galushko (1: as *C. caucasica* DC. var. *albiflora* DC.; 3H, 9)
Corylus avellana L. (4, 5, 7, 8, 9)
Cotoneaster soczavianus Pojark. (9H)
Crepis caucasica C. A. Mey. (4: as *C. glabra* Boiss.)
Crepis paludosa (L.) Moench (1, 12)
Cruciata laevipes Opiz (1, 3H, 5, 15)
Cruciata taurica (Willd.) Soó (11H, 14)
Cuscuta europaea L. (11H, 12: on *Urtica dioica*)
Cyclamen coum Mill. (5, 9)
Cyperus fuscus L. (13)
Cystopteris fragilis (L.) Bernh. (1, 5H, 13, 15)
Cystopteris montana (Lam.) Desv. (1, 7)
Cytisus hirsutus L. [14: as *Chamaecytisus h.* (L.) Link var. *hirsutissimus* (C. Koch) Kuzmina]
Dactylis glomerata L. (5H, 7, 8, 12, 15)
Dactylorhiza umbrosa (Kar. & Kir.) Nevski [2: as *D. sanasunitensis* (H. Fleischm.) Soó]
Dactylorhiza urvilleana (Steud.) H. Baumann & Künkele subsp. *urvilleana* [1; 5: as *D. amblyoloba* (Nevski) Aver.]
Daphne albowiana Woronow ex Pobed. (5H)
Daphne circassica Woronow ex Pobed. (7)
Daphne glomerata Lam. (1)
Daphne mezereum L. (1, 4, 7, 15)
Daphne pseudosericea Pobed. (3)
Delphinium schmalhauseni Albov (9)
Deschampsia cespitosa (L.) P. Beauv. (12)
Deschampsia flexuosa (L.) Trin. (7, 15: as *Avenella f.* (L.) Drejer)
Dianthus armeria L. (12)
Dictamnus albus L. s. l. (5)
Digitalis ciliata Trautv. (7)
Digitalis ferruginea L. subsp. *schischkinii* (Ivanina) K. Werner [syn. *D. schischkinii* Ivanina] (5H)
Dipsacus fullonum L. (12)
Doronicum austriacum Jacq. (4, 7: as *D. macrophyllum* Fisch. ex Hornem.)
Doronicum oblongifolium DC. (15)
Doronicum orientale Hoffm. (3H, 5)
Dorycnium graecum (L.) Ser. (5H)
Draba nemorosa L. (3H)
Draba siliquosa M. Bieb. (1)
Dryas octopetala L. subsp. *caucasica* (Juz.) Hult. (1, 7, 15)
Dryopteris carthusiana (Vill.) H. P. Fuchs (5H, 11)
Dryopteris dilatata (Hoffm.) A. Gray (11)
Dryopteris filix-mas (L.) Schott (4, 5H, 7, 15)
Echinochloa crus-galli (L.) P. Beauv. (12, 13)
Echinops sphaerocephalus L. (12, 13)
Eleutherospermum cicutarium (M. Bieb.) Boiss. (9H, S)
Empetrum caucasicum Juz. (7: as *E. nigrum* L.)
Epilobium angustifolium L. (7)
Epilobium montanum L. (4, 5, 7, 13, 15)
Epilobium palustre L. (12)
Epipactis atrorubens (Hoffm.) Besser (7)
Epipogium aphyllum (F. M. Schmidt) Sw. (7)
Equisetum arvense L. (12)
Equisetum telmateia Ehrh. (9)
Erigeron acris L. (12)
Erigeron alpinus L. (7)
Erigeron annuus (L.) Pers. (1, 5, 9)
Eryngium giganteum M. Bieb. (11, 13)
Erysimum aureum M. Bieb. (5H)
Euonymus europaea L. (4, 5, 9)
Euonymus latifolia (L.) Mill. (3H, 4, 5H, 9H, 15)
Euonymus leiophloea Steven (5H)
Euonymus verrucosus Scop. (3)
Eupatorium cannabinum L. (10)
Euphorbia macroceras Fisch. & C. A. Mey. (4)
Euphorbia oblongifolia C. Koch (1)
Euphorbia squamosa Willd. (5H)
Euphorbia stricta L. [syn. *E. micrantha* M. Bieb. ex Willd.] (5, 9H, S)
Fagus orientalis Lipsky (1, 3H, 4, 5, 7, 8, 9H, 15)
Fallopia convolvulus (L.) A. Löve (5H)
Festuca airoides Lam. (2)

- Festuca drymeja* Mert. & W. D. J. Koch (4, 5H)
Festuca gigantea (L.) Vill. (1, 2, 5H)
Festuca rubra L. (15)
Festuca sommieri Litard. (2)
Festuca varia Haenke (2)
Filipendula ulmaria (L.) Maxim. (1, 7, 15)
Filipendula vulgaris Moench (2, 3, 14)
Fragaria vesca L. (4, 5H, 7, 9, 15)
Fragaria viridis Duch. (3H, 5H, 7, 12)
Frangula alnus Mill. (5, 7)
Fraxinus excelsior L. (5, 7, 9, 15)
Fritillaria latifolia Willd. (2)
Fritillaria lutea Mill. (1, 9L, S, 15)
Galanthus nivalis L. subsp. *caucasicus* Baker
[syn. *G. caucasicus* (Baker) Grossh.] (5)
Galega officinalis L. (10)
Galega orientalis Lam. (1, 9S)
Galeobdolon luteum Huds. (3H, 5)
Galeopsis bifida Boenn. (15)
Galeopsis speciosa Mill. (13)
Galium aparine L. (5, 12)
Galium mollugo L. (2; 5H: as agg.)
Galium odoratum (L.) Scop. (1, 4, 5, 7, 8, 12)
Galium rotundifolium L. (4)
Galium verticillatum Danth. (15)
Genista tinctoria L. s. l. (5)
Gentiana aquatica L. (2, 9H)
Gentiana asclepiadea L. (4, 5, 15: as *G. schistocalyx* K. Koch)
Gentiana oschtenica (Kusn.) Woronow
(1, 3H, 9H, 15)
Gentiana pyrenaica L.
[syn. *G. djimilensis* C. Koch] (1, 9H)
Gentiana septemfida Pall. (2)
Gentianella caucasea (Lodd. ex Sims) Holub (7)
Geranium dissectum L. (5H)
Geranium molle L. (5)
Geranium robertianum L. (1, 4, 5, 7, 12, 15)
Geranium ruprechtii (Woronow) Grossh. (7)
Geranium sanguineum L. (1, 13, 14, 15)
Geranium sylvaticum L. (1, 2, 4, 5, 7, 15)
Geum × *intermedium* Ehrh. (1)
Geum rivale L. (1, 15)
Geum urbanum L. (1, 4, 5, 7, 12, 15)
Glechoma hederacea L. (5)
Goodyera repens (L.) R. Br. (4, 9, 11)
Gymnadenia conopsea (L.) R. Br. (7, 15)
Gymnocarpium dryopteris (L.) Newm.
(1, 7, 12, 13)
Gymnocarpium robertianum (Hoffm.) Newm. (1)
Gypsophila tenuifolia M. Bieb. (2)
Hedera colchica C. Koch (5, 13)
Hedera helix L. (4)
Helianthemum buschii (Palib.) Juz. & Pozdeeva
(2, 7) [*H. canum* (L.) Baumg. group]
Helianthemum canum (L.) Baumg.
(15: as *H. ciscaucasicum*)
Helianthemum grandiflorum (Scop.) DC. (2)
Helianthemum nummularium (L.) Mill. (7)
Helianthemum nummularium
subsp. *grandiflorum* (Scop.) Schinz & Thell.
[7: as *H. grandiflorum* (Scop.) DC.]
Helictotrichon adzharicum (Albov) Grossh.
[syn. *Avenula a.* (Albov) Holub] (9S)
Helleborus orientalis Lam.
(5, 9, 15: as *H. caucasicus* A. Br.)
Heracleum asperum (Hoffm.) M. Bieb. (4)
Heracleum mantegazzianum Somm. & Levier
(5, 7, 15)
Hesperis matronalis L.
(15: as *H. caucasica* Rupr.: 4)
Hesperis sylvestris Crantz (5H)
Hieracium auriculoides Läng (3, 9H→GLM, det.
Bräutigam)
Hieracium bauhini Schult. (9L, det. Bräutigam)
Hieracium bifurcum M. Bieb.
(9H→GLM, det. Bräutigam)
Hieracium cymosum L. (3H, det. Bräutigam)
Hieracium echioides Lumn.
(9H→GLM, det. Bräutigam)
Hieracium erythrocarpum Peter
(9H→GLM, det. Bräutigam)
Hieracium euchaetium Nägeli & Peter
(3H, det. Bräutigam)
Hieracium fallax Willd. (3H, det. Bräutigam)
Hieracium floribundum Wimm. & Grab.
(9H→GLM, det. Bräutigam)
Hieracium murorum L. (3H, det. Bräutigam)
Hieracium pilosella L. (2)
Hieracium prenanthoides Vill.
subsp. *hypoglaucum* Litv. & Zahn
(9H→GLM, det. Bräutigam)
Hieracium sabaudum L. (5, det. Bräutigam, 12)
Hieracium sabaudum subsp. *vagum* (Jord.) Zahn
(9H, det. Bräutigam)
Hieracium umbellatum L. (5, det. Bräutigam,
9H→GLM, det. Bräutigam)
Hordeylmus europaeus
(L.) Jessen ex Harz (10, 13)
Huperzia selago (L.) Bernh. ex Schrank & Mart.
(1, 7, 9H, 13)

- Hyunhia pulchra* (Willd. ex Roem. & Schult.)
 Greuter & Burdet [syn. *Aipyanthus echioides*
 (L.) Steven] (1, 2, 9H, S, 11H: as *Arnebia p.*
 (Willd. ex Roem. & Schult.) J. R. Edm.)
Hypericum hirsutum L. (5, 9H)
Hypericum linarioides Bosse (2)
Hypericum montanum L. (5H)
Hypericum perforatum L. (5, 9H, 12)
Ilex colchica Pojark. (4, 5, 7, 9S)
Impatiens noli-tangere L. (1, 4, 5, 7, 8, 12, 13)
Impatiens parviflora DC. (13)
Inula helenium L. (7, 9)
Inula orientalis Lam. (2, 11H, 14)
Inula salicina L. (13)
Iris aphylla L. (1: as *I. furcata* M. Bieb.; 3)
Iris sibirica L. (1)
Juncus alpigenus C. Koch (9L)
Juncus bufonius L. (12)
Juncus conglomeratus L. (12)
Juncus effusus L. (12)
Juncus inflexus L. (5)
Juniperus communis L. (7)
Knautia involucreta Somm. & Levier (2, 7)
Knautia montana M. Bieb. (2)
Kobresia capillifolia (Decne) C. B. Clarke (2)
Koeleria albovii Domin subsp. *caucasica*
 (Domin) Tzvel. (2: as *K. eriostachya* Pančič)
Lamium album L. (1, 5, 7, 8, 12)
Lapsana communis L. (5H, 12)
Lapsana communis subsp. *grandiflora* (M. Bieb.)
 P. D. Sell (9S: as *L. grandiflora* M. Bieb.)
Laser trilobum (L.) Borkh. (5)
Laserpitium hispidum M. Bieb. (15)
Lathraea squamaria L. (5)
Lathyrus aureus (Steven) Brandza (3H, 4, 5)
Lathyrus digitatus (M. Bieb.) Fiori
 (1, 7, 9H: as *L. cyaneus* (Steven) K. Koch)
Lathyrus laxiflorus (Desf.) O. Kunze (3H, 5H)
Lathyrus pratensis L. (1, 7)
Lathyrus roseus Steven (5H)
Lathyrus vernus (L.) Bernh. (5, 13)
Leersia oryzoides (L.) Sw. (10)
Lembotropis nigricans (L.) Griseb. (13)
Leontodon hispidus L. (2; 8: »cf.«)
Leonurus cardiaca L. (12)
Ligustrum vulgare L. (5, 11H, 14)
Lilium monadelphum M. Bieb.
 (1, 5, 7, 9L, S, 15)
Limodorum abortivum (L.) Sw. (3)
Linum hypericifolium Salisb. (9L, S)
Linum catharticum L. (10)
Listera cordata (L.) R. Br. (9, 15)
Listera ovata (L.) R. Br. (5)
Lithospermum purpureocaeruleum L. (3, 5H)
Lonicera caprifolium L. (3H, 5)
Lonicera orientalis Lam.
 [syn. *L. caucasica* Pall.] (4, 5, 9S)
Lotus corniculatus L. (1, 12)
Luzula campestris (L.) DC. (3H, 5H, 15)
Luzula multiflora (Retz.) Lej. (2, 3H)
Luzula pilosa (L.) Willd. (1, 3H, 5H)
Luzula stenophylla Steud.
 (9H: as *L. pseudosudetica* V. Krecz.)
Lycopodium annotinum L. (9H)
Lycopus europaeus L. (8)
Lysimachia vulgaris L. (12, 15)
Lythrum salicaria L. (12)
Malus orientalis Uglizk. (5, 9S)
Matteuccia struthiopteris (L.) Todaro
 (1, 5, 12, 15)
Medicago lupulina L. (1)
Melampyrum arvense L. (1)
Melampyrum arvense var. *elatius* Boiss.
 (7: as *M. elatius*)
Melampyrum caucasicum Bunge (14)
Melica nutans L. (1, 13)
Melica uniflora Retz. (5H, 13)
Mentha caucasica Gand. [syn. *M. longifolia* (L.)
 Huds. subsp. *c.* (Gand.) Briq.] (15)
Mespilus germanica L. (3, 5)
Milium effusum L. (1, 2, 4, 7, 15)
Minuartia buschiana Schischk. (2)
Moehringia trinervia (L.) Clairv. (5, 7)
Molinia caerulea (L.) Moench aggr. (12)
Moneses uniflora (L.) A. Gray (1)
Monotropa hypopitys L. s. l. (5, 13H)
Muscari armeniacum Leichtlin ex Baker
 (1, 3H: as *M. szovitsianum* Baker)
Muscari neglectum Guss. ex Ten. (5)
Mycelis muralis (L.) Dumort. (4, 5, 7)
Myosotis arvensis (L.) Hill (2)
Myosotis alpestris F. W. Schmidt (2)
Myosotis amoena (Rupr.) Boiss. (4)
Myosotis sparsiflora Mikan ex Pohl (5H)
Myosotis suaveolens Waldst. & Kit. (1, 7)
Myosotis sylvatica Ehrh. ex Hoffm. (5H)
Myosoton aquaticum (L.) Moench (8, 12)
Nardus stricta L. (12)
Neottia nidus-avis (L.) Rich. (1, 3, 5, 13)
Odontites vulgaris s. l. (13)
Oenothera biennis L. s. str. (11, 12)
Omalotheca sylvatica (L.) Sch. Bip. & F. W.
 Schultz (12, 13, 15: as *Gnaphalium* s. l.)

- Onobrychis biebersteinii* Sirjaev (9S)
Ophrys scolopax Ten. subsp. *oestriifera* (M. Bieb.)
 Soó. [syn. *O. oestriifera* M. Bieb.] (5)
Orchis mascula (L.) L. (3, 5)
Orchis militaris L. (5)
Orchis purpurea Huds. (3, 5)
Orchis tridentata Scop. (3, 5)
Origanum vulgare L. (2, 5, 7, 9, 14)
Orobanche alba Willd. f. *rubra* (Hook.) G. Beck
 (14)
Orobanche alba subsp. *xanthostigma*
 Rätzel & Uhlich (14)
Orobanche alba subsp. *xanthostigma* f.
sineglandulosa Rätzel & Uhlich (14)
Orobanche alsatica Kirschl. subsp. *libanotidis*
 (Rupr.) Tzvel. (14)
Orobanche benkertii Rätzel & Uhlich (14)
Orobanche caryophyllacea Sm. (1, 3H, 14)
Orobanche flava C. Mart. (14)
Orobanche flava subsp. *cicerbitae*
 Uhlich & Rätzel (14)
Orobanche gamosepala Reut. (14)
Orobanche grossheimii Novopokr. (14)
Orobanche grossheimii f. *pallescens*
 Uhlich & Rätzel (14)
Orobanche inulae Novopokr. & Abram. (14)
Orobanche laxissima Uhlich & Rätzel (5, 14)
Orthilia secunda (L.) House (1, 4, 7, 13, 15)
Ostrya carpinifolia Scop. (9)
Oxalis acetosella L. (4, 7, 12, 15)
Paeonia daurica Andrews subsp. *coriifolia*
 (Rupr.) D. Y. Hong
 (3, 9; as *P. caucasica* (Schipez.) Schipez.; 5)
Paris incompleta M. Bieb.
 (1, 4, 5, 7, 9H, L, S, 15)
Paris quadrifolia L. (7)
Parnassia palustris L. (10)
Pastinaca armena Fisch. & C. A. Mey. (2)
Pedicularis atropurpurea Nordm. (1, 4, 9S)
Pedicularis condensata M. Bieb. (2, 15)
Pedicularis nordmanniana Bunge (9H)
Peplis portula L. (12)
Petasites albus (L.) Gaertn. (4, 7, 15)
Petasites hybridus (L.) Gaertn. et al. (1, 15)
Phegopteris connectilis (Michx.) Watt (1, 15)
Philadelphus caucasicus Koehne
 (4, 5, 9H, S, 15)
Phleum alpinum L. (1)
Phleum phleoides (L.) Karst. (2, 9H)
Phleum pratense L. (15)
Physospermum cornubiense (L.) DC. (5H)
Pimpinella saxifraga L. (5)
Pinguicula vulgaris L. (1, 9)
Pinus kochiana Klotzsch (1, 7, 8, 9S, 15)
Plantago atrata Hoppe (2, 7, 15)
Plantago atrata var. *saxatilis* M. Bieb. (1)
Plantago lanceolata L. (1, 12)
Plantago major L. (8, 12)
Platanthera chlorantha (Custer) Rchb. (5)
Poa alpina L. (2)
Poa annua L. (15)
Poa badensis Haenke (1)
Poa nemoralis L. (5H, 8, 15)
Poa trivialis L. (1)
Polygala alpicola Rupr. (2)
Polygonatum glaberrimum C. Koch (5H, 9S)
Polygonatum multiflorum (L.) All. (4, 7, 12, 15)
Polygonatum orientale Desf.
 [syn. *P. polyanthemum* Link] (1, 5H, 9S)
Polygonatum verticillatum (L.) All. (1, 4, 7, 9)
Polygonum bistorta L. (1, 2, 4, 15)
Polygonum bistorta subsp. *carneum* (Koch)
 Coode & Cullen (7; as *P. carneum* C. Koch)
Polygonum hydropiper L. (12)
Polygonum minus Huds. (12)
Polygonum viviparum L. (1, 2, 7)
Polypodium vulgare L. (1, 4, 5H, 7, 15)
Polystichum aculeatum (L.) Roth (5, 9, 13)
Polystichum braunii (Spenner) Fée
 (3H, 4, 5, 7)
Polystichum lonchitis (L.) Roth (1, 7, 9, 13, 15)
Populus tremula L. (1, 5, 7, 9)
Potentilla caucasica Juz. (5H)
Potentilla erecta (L.) Rausch. (11, 12)
Potentilla nivea L. (3H)
Potentilla reptans L. (12)
Prenanthes abietina (Boiss. & Bal.) Kirp.
 (4, 5H)
Primula ruprechtii Kusnez. (3H)
Primula veris L. (2, 11H, 12)
Primula veris subsp. *macrocalyx* (Bunge) Lüdi
 (5; 3H, 15; as *P. macrocalyx* Bunge)
Prunella vulgaris L. (5H, 7, 12, 15)
Prunus cerasifera Ehrh. (5H)
Prunus spinosa L. (12)
Pteridium aquilinum (L.) Kuhn (5H)
Pulmonaria mollis Wulf. ex Hornem. (4)
Pulmonaria mollissima A. Kerner (3H)
Pulsatilla violacea Rupr. (1)
Pyrola chlorantha Sw. (1)
Pyrola minor L. (4)
Pyrola rotundifolia L. (1, 5H)

- Pyrus communis* L. subsp. *caucasica* (Fed.)
 Browicz (5, 9S: as *P. caucasica* Fed.)
Quercus petraea Liebl. (5, 9)
Quercus robur L. (5)
Quercus rubra L. (5, 12)
Ranunculus cappadocicus Willd. (5)
Ranunculus caucasicus M. Bieb. (2, 7)
Ranunculus ficaria L. (5)
Ranunculus grandiflorus L. (4)
Ranunculus repens L. (5, 8, 12)
Rhamnus cathartica L. (5)
Rhamnus microcarpa Boiss. (3H, 7)
Rhamnus pallasii Fisch. & C. A. Mey. (3H)
Rhododendron caucasicum Pall. (1, 4, 9)
Rhododendron luteum Sweet (5, 7, 9, 15)
Rhododendron ponticum L. (4)
Rhynchosorys elephas (L.) Griseb. (9H)
Ribes biebersteinii Berland. ex DC.
 (1, 3H, 4, 7, 15)
Rosa andegavensis Bastard (6)
Rosa buschiana Chrshan. (6)
Rosa caesia Sm. (6, 12)
Rosa canina L. (6)
Rosa corymbifera Borkh. (6, 12)
Rosa dumalis Bechst. (6)
Rosa iberica Steven ex M. Bieb. (6)
Rosa jundzillii Besser (6)
Rosa sherardii Davies (6)
Rosa subcanina (H. Christ.) Keller (6, 12)
Rosa subcollina (H. Christ.) Keller (6, 12)
Rosa tomentosa Sm. (6, 7)
Rubus caesius L. aggr. (12)
Rubus caucasicus Focke (4)
Rubus fruticosus L. aggr. (12)
Rubus idaeus L. (7, 8, 9, 15)
Rubus saxatilis L. (1)
Rumex alpinus L. (1, 15)
Rumex crispus L. (12)
Salix alba L. (12)
Salix caprea L. (4, 5)
Salix caucasica Anderss. (1)
Salix hastata L. (1)
Salix triandra L. var. *discolor* Koch (13)
Salvia glutinosa L. (4, 5, 9)
Salvia verticillata L. (5H, 11H, 13, 14)
Sambucus ebulus L. (5, 9)
Sambucus nigra L. (4, 5, 9, 15)
Sanguisorba minor Scop. (13)
Sanguisorba officinalis L. (13)
Sanicula europaea L. (1, 4, 5, 7, 12, 15)
Saxifraga rotundifolia L.
 [syn. *S. repanda* Sternb.] (1, 3H, 15)
- Saxifraga sibirica* L.
 (7: as *S. mollis* Sm. ex Spreng.)
Scabiosa caucasica M. Bieb. [syn. *Lomelosia c.*
 (M. Bieb.) Greuter & Burdet] (2, 7, 9H)
Scabiosa ochroleuca L.
 (9H: as *S. bipinnata* C. Koch)
Scaligeria tripartita (Kalen.) Tamamsch.
 (5H: as *Pimpinella t.* Kalen.)
Scilla sibirica Haw. (1, 5H)
Scirpus sylvaticus L. (7, 12)
Scopolia carniolica Jacq. (5)
Scrophularia divaricata Ledeb. (9S)
Scrophularia nodosa L. (5, 12, 13, 15)
Scutellaria altissima L. (5H)
Scutellaria orientalis L. (11H)
Scutellaria polyodon Juz. (3H)
Sedum caucasicum (Grossh.) Boriss.
 [syn. *Hylotelephium c.* (Grossh.) H. Ohba] (7)
Sedum hispanicum L. (2)
Sedum spurium M. Bieb. (2, 3, 15)
Sedum stoloniferum S. G. Gmel. (5)
Selaginella helvetica (L.) Spring (9)
Selaginella selaginoides (L.) Link (9H)
Senecio erucifolius L. (12)
Senecio fuchsii C. C. Gmel. aggr. (12)
Senecio jacobaea L. (13)
Senecio propinquus Schischk. (4, 5H)
Serratula quinquefolia M. Bieb. ex Willd. (5H)
Seseli libanotis (L.) W. D. J. Koch (2)
Seseli peucedanoides (M. Bieb.) K.-Pol. (5H)
Seseli transcaucasicum (Schischk.) Pimenov &
 Sdobnina [syn. *Libanotis t.* Schischk.] (5H, 7)
Seseli varium Trev. (2)
Sesleria anatolica Deyl. (9L)
Setaria pumila (Poir.) Roem. & Schult. (12)
Setaria viridis (L.) P. Beauv. (12)
Silene latifolia Poir. (13)
Silene multifida (Adams) Rohrb.
 (4: as *Oberna m.*; 9H)
Silene nutans L. (12, 13)
Silene vulgaris (Moench) Garcke (7, 12)
Sisymbrium officinale (L.) Scop. (8)
Solidago virgaurea L. (2, 4, 5H, 7, 14)
Sorbus aucuparia L. (1, 4, 7, 8, 9, 15)
Sorbus graeca (Spach) Lodd. ex S. Schauer (1)
Sorbus kusnetzovii Zinserl. (3H)
Sorbus torminalis (L.) Crantz (3H, 5)
Spiraea crenata L. (3H)
Stachys discolor Benth.
 (2: as *Betonica nivea* Steven)
Stachys germanica L. (2)

- Stachys germanica* subsp. *balansae* (Boiss. & Kotschy) Derv.-Sok. (7: as *S. terekensis* Knorr.)
Stachys macrantha (K. Koch) Stearn (2, 9, 11H: as *Betonica m.* K. Koch, 14)
Stachys officinalis (L.) Trevisan (2, 13; 5, 12, 14: as *Betonica o.* L.; 15: as *B. perauca* Klokov)
Stachys spectabilis Choisy ex DC. (7)
Stachys sylvatica L. (1, 5H, 8)
Stellaria holostea L. (5)
Stellaria media (L.) Vill. (12)
Stellaria nemorum L. (1, 4, 15)
Stevaniella satyrioides (Steven) Schlechter (3, 5)
Swertia iberica Fisch. & C. A. Mey. (4, 7, 9L, S)
Symphytum asperum Lepech. (1, 3H, 4, 5, 7, 8, 9S, 15)
Symphytum caucasicum M. Bieb. (5)
Symphytum grandiflorum DC. (4, 5)
Tamus communis L. (1, 3H, 4, 5, 9S, 15)
Tanacetum corymbosum (L.) Sch. Bip. (5H)
Tanacetum parthenium (L.) Sch. Bip. (5H)
Tanacetum vulgare L. (15)
Taraxacum confusum Schischk. (2)
Taraxacum officinale auct. aggr. (5, 12)
Taxus baccata L. (4, 7, 9, 15)
Telekia speciosa (Schreb.) Baumg. (8, 9, 15)
Tephrosieris cladobotrys (Ledeb.) Griseb. & Schenk (4)
Teucrium chamaedrys L. (5H)
Thalictrum aquilegifolium L. (1)
Thalictrum foetidum L. (7, 9H)
Thalictrum minus L. (7, 9)
Thalictrum triternatum Rupr. (2, 5)
Thesium alpinum L. (2)
Thlaspi macrophyllum Hoffm. (1, 4, 5H, 9: as *Pachyphragma m.* (Hoffm.) N. Busch)
Thlaspi perfoliatum L. (5H)
Thymus majkopiensis Klokov & Desiat.-Shost. (2)
Thymus nummularius M. Bieb. (2)
Tilia dasystyla Steven (4, 5, 9H)
Torilis japonica (Houtt.) DC. (5H, 12)
Tragopogon reticulatus Boiss. & Huet (2)
Traunsteinera sphaerica (M. Bieb.) Schlecht. (1, 7, 9, 14, 15; 2: pro syn. *T. globosa* (L.) Rchb.)
Trifolium alpestre L. (5H)
Trifolium campestre Schreb. (12)
Trifolium canescens Willd. (2)
Trifolium hybridum L. (1, 5H, 8, 12)
Trifolium medium L. (5H, 12)
Trifolium ochroleucon Huds. (7: as *T. caucasicum* Tausch)
Trifolium polyphyllum (C. A. Mey.) Latsch (9H, S)
Trifolium pratense L. (1, 5H, 12)
Trifolium repens L. (1, 12)
Trifolium spadiceum L. (8)
Trifolium trichocephalum M. Bieb. (9H, S)
Trisetum flavescens (L.) P Beauv. (2)
Trollius ranunculinus (Smith) Stearn (1, 9S, 15)
Tussilago farfara L. (3, 12)
Typha latifolia L. (12)
Ulmus glabra Huds. (1, 4, 5, 7, 15)
Ulmus laevis Pall. (7)
Ulmus minor Mill. (5)
Urtica dioica L. (1, 3, 5, 15)
Vaccinium arctostaphylos L. (4, 9H, S)
Vaccinium myrtillus L. (1, 7, 8, 15)
Vaccinium vitis-idaea L. (7)
Valeriana alliariifolia Adams (1, 7, 9S, 15)
Valeriana officinalis L. (4, 7; 12: als aggr.)
Valeriana saxicola C. A. Mey. (2)
Valeriana tiliifolia Troitzk. (4)
Valerianella dentata (L.) Poll. (9H)
Veratrum lobelianum Bernh. (1, 2, 7, 9, 15: as *V. album*; 4)
Verbascum lychnitis L. (12)
Verbascum nigrum L. (12)
Veronica beccabunga L. (1, 13)
Veronica chamaedrys L. (1, 5H)
Veronica filiformis Sm. (3H)
Veronica gentianoides Vahl (5H, 9H, L, S, 15)
Veronica jacquinii Baumg. (9H)
Veronica melissifolia Poir. (5H)
Veronica officinalis L. (5H, 7)
Veronica peduncularis M. Bieb. (5H)
Veronica serpyllifolia L. (5H)
Veronica spicata L. (5H)
Viburnum lantana L. (5, 13)
Viburnum opulus L. (3, 5, 13)
Vicia alpestris Steven (7)
Vicia cracca L. (1, 12)
Vicia pannonica Crantz (9)
Vicia sepium L. (1, 12, 15)
Vincetoxicum scandens Somm. & Levier (5H)
Viola alba Besser (5H)
Viola biflora L. (9H; 15: as *V. caucasica*)
Viola reichenbachiana Jord. ex Bor. (4, 5H, 7)
Viola suavis M. Bieb. (5H)
Viscum album L. (5: on *Sorbus torminalis*, 12, 13: on *Malus*)
Viscum laxum Boiss. & Reut. subsp. *abietis* (Wiesb.) O. Schwarz (11H: on *Abies nordmanniana*)
Woodsia fragilis (Trevir.) Moore (9H, 13)

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