

Annex 1. Systematic List of the Plants Identified in Roşia Montană Area

No.	Scientific Name		Author	Distribution	Life span	Location
	Family	Genus, Species				
Phylum BRIOPHYTA						
Class HEPATOPSIDA						
Order MARCHANTIALES						
1	MARCHANTIALACEAE	<i>Marchantia polymorpha</i>	L.	sporadic	perennial	moist places
Class BRYOPSIDA						
Order BRYALES						
2	Mniaceae	<i>Mnium punctatum</i>	Hedw.	sporadic	perennial	moist places
3		<i>Mnium ondulatum</i>	Hedw.	sporadic	perennial	moist places
4	Brachytheciaceae	<i>Brachythecium campestre</i>	Mull.	sporadic	perennial	moist places
Order HYPNOBRYALES						
5	Hypnaceae	<i>Hypnum cupressiforme</i>	Hedw.	sporadic	perennial	moist places
Order BUXBAUMIALES						
6	Buxbaumiaceae	<i>Buxbaumia aphylla</i>	Hedw.	sporadic	perennial	moist places
Order POLYTRICHALES						
7	Polytrichaceae	<i>Polytrichum commune</i>	Hedw.	sporadic	perennial	moist places
8		<i>Polytrichum formosum</i>	Hedw.	sporadic	perennial	moist places
Order DICRANALES						
9	Dicranaceae	<i>Dicranum scoparium</i>	Hedw.	sporadic	perennial	moist places
Order FUNARIALES						
10	Funariaceae	<i>Funaria hygrometrica</i>	Hedw.	sporadic	perennial	moist places
Phylum PTERIDOPHYTA						
Class LYCOPODIOPSIDA						
Order LYCOPODIALES						
11	LYCOPODIACEAE	<i>Lycopodium selago</i>	(L.) Bernh. ex Schrank & Mart.	sporadic	perennial	Grassy, moist land, forests, bush,
12		<i>Lycopodium annotinum</i>	L.	sporadic	perennial	Moist places, wetlands, forests.
Class EQUISETOPSIDA						
Order EQUISETALES						
13	EQUISETACEAE	<i>Equisetum arvense</i>	L.	frequent	perennial	Floodplains, sandy places, crop fields
14		<i>Equisetum telmateia</i>	Ehrh.	frequent	perennial	Forests, holms, pajişti, banks.
15		<i>Equisetum fluviatile</i>	L.	frequent	perennial	Swamped meadows, banks.
16		<i>Equisetum palustre</i>	L.	frequent	perennial	Swamped meadows.
Class POLYPODIACEAE						
Order POLYPODIALES						
17	POLYPODIACEAE	<i>Polypodium vulgare</i>	L.	frequent	perennial	forests, shady rocks
18	BLECHNACEAE	<i>Blechnum spicant</i>	(L.) Roth	sporadic	perennial	meadows, bush, tertiary relict
19	DENNSTAEDTIACEAE	<i>Pteridium aquilinum</i>	(L.) Kuhn	frequent	perennial	Forest margins and clearings, meadows, sandy,

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20	ASPLENIACEAE	<i>Asplenium scolopendrium</i>	(L.) Newman	sporadic	perennial	skeleton soils Saxatile species calcicole
21		<i>Asplenium septentrionale</i>	(L.) Hoffm.	frequent	perennial	on rocks
22		<i>Asplenium trichomanes</i>	L.	frequent	perennial	on rocks
23		<i>Athyrium filix-femina</i>	(L.) Roth	frequent	perennial	forests, weeds
24		<i>Cystopteris fragilis</i>	(L.) Bernh.	frequent	perennial	rocks
25		<i>Dryopteris filix-mas</i>	(L.) Schott	frequent	perennial	forests, bush, weeds
26		<i>Dryopteris carthusiana</i>	(Vill.)H. P. Fuchs	frequent	perennial	holms, bush
27		<i>Gymnocarpium dryopteris</i>	(L.) Newman	frequent	perennial	forests, weeds .
28		<i>Phegopteris connectilis</i>	(Michx.) Watt	frequent	perennial	forests, bush
Phylum SPERMATOPHYTA						
Class PINOPSIDA						
Order PINALES						
29	PINACEAE	<i>Abies alba</i>	Mill.	frequent	tree	forests, mix with beech
30		<i>Picea abies</i>	(L.) Karsten	frequent	tree	forests, mix with beech and fir
31		<i>Pinus sylvestris</i>	L.	frequent	tree	planted
32	CUPRESSACEAE	<i>Juniperus communis</i>	L.	frequent	shrub	clearings and forest edges, meadows
Class MAGNOLIOPSIDA						
Order BERBERIDALES						
33	BERBERIDACEAE	<i>Berberis vulgaris</i>	L.	sporadic	shrub	suny bush
Order ARISTOLOCHIALES						
34	ARISTOLOCHIACEAE	<i>Asarum europaeum</i>	L.	frequent	perennial	forests
Order RANUNCULALES						
35	RANUNCULACEAE	<i>Actaea spicata</i>	L.	sporadic	perennial	weeds, forests
36		<i>Helleborus purpurascens</i>	Waldst. & Kit.	frequent	perennial	forest edges, forests
37		<i>Caltha palustris</i>	L.	frequent	perennial	swamped meadows
38		<i>Trollius europaeus</i>	L.	frequent	perennial	on meadows
39		<i>Anemone nemorosa</i>	L.	frequent	perennial	forests, bush
40		<i>Pulsatilla montana</i>	(Hoppe.) Reichenb.	sporadic	perennial	meadows
41		<i>Hepatica nobilis</i>	Schreber	sporadic	perennial	forests, bush
42		<i>Clematis vitalba</i>	L.	frequent	liana	marginii de forests, bush, holms
43		<i>Ranunculus repens</i>	L.	very frequent	perennial	moist places
44		<i>Ranunculus ficaria</i>	L.	frequent	perennial	forests, holms
45		<i>Ranunculus sceleratus</i>	L.	frequent	annual	swampy places
Order PAPAVERALES						
46	PAPAVERACEAE	<i>Papaver rhoeas</i>	L.	frequent	annual	in grain fields and ruderal places
47		<i>Chelidonium majus</i>	L.	frequent	perennial	ruderal places around human settlements
Order URTICALES						
48	ULMACEAE	<i>Ulmus glabra</i>	Pallas	sporadic	tree	forests
49	CANNABACEAE	<i>Humulus lupulus</i>	L.	sporadic	perennial	floodplains, holms
50		<i>Cannabis sativa</i> ssp	L. (Serebr.)	sporadic	annual	weeds, ruderal places

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51	URTICACEAE	<i>spontanea</i> <i>Urtica urens</i>	L.	frequent	annual	ruderal places, nitrofile
52		<i>Urtica dioica</i>	L.	frequent	perennial	ruderal places, tarlite
Order FAGALES						
53	FAGACEAE	<i>Fagus sylvatica</i>	L.	frequent	tree	forests pure beech or mix with conifer
54		<i>Quercus petraea</i>	(Matt.) Liebl.	frequent	tree	beech forests
55		<i>Quercus robur</i>	L.	frequent	tree	oak forest area
56	BETULACEAE	<i>Betula pendula</i>	Roth	frequent	tree	pioneer species, in sunny places, forest clearings.
57		<i>Alnus viridis</i>	(Chaix) DC.	frequent	shrub	in valleys and depressions, planted for land stabilisation
58		<i>Alnus glutinosa</i>	(L.) Gaertn.	frequent	tree	floodplains, swamped meadows, banks
59		<i>Alnus incana</i>	(L. Moench)	frequent	tree	holms, floodplains, soil fixing species, pioneer.
60	CORYLACEAE	<i>Corylus avellana</i>	L.	frequent	shrub	holms, forest edges, on avene soils
61		<i>Carpinus betulus</i>	L.	frequent	tree	mixed forests
Order CARYOPHYLLALES						
62	PHYTOLACACEAE	<i>Phytolacca americana</i>	L.	cultivată	perennial	Cultivated and sub-spontaneous in gardens
63	CARYOPHYLLACEAE	<i>Scleranthus annuus</i>	L.	frequent	annual	sandy , rocky, calcium depleted places
64		<i>Sagina procumbens</i>	L.	frequent	perennial	on stream edges, sandy places
65		<i>Arenaria serpyllifolia</i>	L.	frequent	annual	crop fields, sandy places
66		<i>Moehringia trinervia</i>	(L.) Clairv	frequent	annual	shady, wet places, forests, holms.
67		<i>Moehringia muscosa</i>	L.	frequent	perennial	shady, wet places
68		<i>Stellaria nemorum</i>	L.	frequent	perennial	forests, holms
69		<i>Stellaria media</i>	(L.) Cyr.	frequent	annual	cultivated and ruderal places
70		<i>Stellaria graminea</i>	L.	frequent	perennial	meadows
71		<i>Cerastium holosteoides</i>	Baumg.	frequent	perennial	meadows
72		<i>Cerastium arvense</i>	L.	frequent	perennial	meadows
73		<i>Gypsophila muralis</i>	L.	sporadic	annual	Temporarily flooded sites, hollows
74		<i>Dianthus armeria</i>	L.	sporadic	annual	meadows, bush
75		<i>Dianthus carthusianorum</i>	L.	frequent	perennial	meadows
76		<i>Silene alba</i>	(Miller) Krause	frequent	annual	meadows ruderal
77		<i>Silene vulgaris</i>	(Mnch) Garcke	sporadic	perennial	pioneer species, on eroded soils.
78		<i>Silene nutans</i>	L.	frequent	perennial	meadows
79		<i>Lychnis flos-cuculi</i>	L.	frequent	perennial	wet, swampy meadows
80		<i>Lychnis viscaria</i>	L.	sporadic	perennial	meadows, stony places
81		<i>Spergula arvensis</i>	L.	frequent	annual	in waterside weeds and sometimes in crops
82	AMARANTHACEAE	<i>Amaranthus retroflexus</i>	L.	very frequent	annual	cultivated land
83	CHENOPODIACEAE	<i>Chenopodium botrys</i>	L.	sporadic	annual	alluvial sands and gravel
84		<i>Chenopodium polyspermum</i>	L.	frequent	annual	weeds ruderal and water side.
85		<i>Chenopodium album</i>	L.	very frequent	annual	ruderal places and harrowed crops.
86		<i>Atriplex patula</i>	L.	frequent	annual	ruderal and cultivated places
Order POLYGONALES						
87	POLYGONACEAE	<i>Polygonum aviculare</i>	L.	frequent	annual	ruderal places, grain cops.
88		<i>Polygonum amphibium</i>	L.	sporadic	annual	on alluvial soils

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89		<i>Polygonum persicaria</i>	L.	frequent	annual	ruderal places
90		<i>Polygonum hydropiper</i>	L.	frequent	annual	wet, flooded, swampy ruderal places .
91		<i>Polygonum mite</i>	Schrank	frequent	annual	moist places, ditches
92		<i>Polygonum convolvulus</i>	L.	frequent	annual	weed in grain and harrowed crops .
93		<i>Polygonum dumetorum</i>	L.	sporadic	annual	forest clearings, banks.
94		<i>Rumex acetosella</i>	L.	frequent	perennial	meadows, on poor, moderately acidic soils.
95		<i>Rumex acetosa</i>	L.	frequent	perennial	on deep, wet soils.
Order SAXIFRAGALES						
96	GROSSULARIACEAE	<i>Ribes grossularia</i>	L.	planted	shrub	forest edges, gardens
97	CRASSULACEAE	<i>Sedum album</i>	L.	sporadic	perennial	rocks, stones
98		<i>Sedum acre</i>	L.	frequent	perennial	dry, sparse meadows, on skeleton soil, walls, sand, gravel
99						
100	SAXIFRAGACEAE	<i>Saxifraga paniculata</i>	Miller	frequent	perennial	rocks, skeleton , stony soils.
Order ROSALES						
101	ROSACEAE	<i>Spiraea ulmifolia</i>	Scop.	frequent	shrub	skeleton soils, grassy rocks
102		<i>Rubus caesius</i>	L.	frequent	shrub	forest edges, floodplains, crop fields.
103		<i>Rubus hirtus</i>	Waldst. & Kit.	frequent	shrub	forests, shady places
104		<i>Rubus idaeus</i>	L.	frequent	shrub	Forests margins and clearings, groves, pioneer species.
105		<i>Fragaria vesca</i>	L.	frequent	perennial	clearings in forests
106		<i>Fragaria viridis</i>	Weston.	frequent	perennial	meadows, sunny places
107		<i>Potentilla erecta</i>	(L.) Raeusch.	frequent	perennial	wet meadows , peat bogs
108		<i>Potentilla argentea</i>	L.	frequent	perennial	slightly acidic meadows.
109		<i>Potentilla recta</i>	L.	frequent	perennial	meadows, bush.
110		<i>Geum urbanum</i>	L.	frequent	perennial	forest edges and clearings, ruderal places.
111		<i>Filipendula hexapetala</i>	(L.) Gilib.	frequent	perennial	meadows, bush
112		<i>Filipendula ulmaria</i>	(L.) Maxim.	frequent	perennial	meadows, weeds, holms.
113		<i>Alchemilla vulgaris</i>	L. Frohner.	frequent	perennial	meadows
114		<i>Agrimonia eupatoria</i>	L.	frequent	perennial	forest edges and clearings, ruderal places, loose soils.
115		<i>Sanguisorba officinalis</i>	L.	frequent	perennial	wet meadows
116		<i>Sanguisorba minor</i>	Scop.	frequent	perennial	calciphile, pioneer species.
117		<i>Rosa canina</i>	L.	frequent	shrub	forest edges, meadows.
118		<i>Cotoneaster integerrimus</i>	Medik.	sporadic	shrub	forest edges and clearings, skeleton soils.
119		<i>Crataegus monogyna</i>	Jacq.	frequent	shrub	forest edges and clearings.
120		<i>Prunus spinosa</i>	L.	frequent	shrub	forest edges, bush.
121		<i>Sorbus aucuparia</i>	L.	frequent	tree	forest edges and clearings, often on skeleton soils
122		<i>Sorbus torminalis</i>	(L.) Crantz	sporadic	tree	forest edges and clearings, often on skeleton soils
123		<i>Cerasus avium</i>	(L.) Mnch.	sporadic	tree	forests, forest edges.
Order FABALES						
124	FABACEAE	<i>Genista tinctoria</i>	L.	frequent	sub-shrub	degraded, sunny meadows
125		<i>Ononis arvensis</i>	L.	frequent	perennial	meadows, floodplains

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126		<i>Medicago lupulina</i>	L.	frequent	annual	meadows, bush, holms
127		<i>Melilotus albus</i>	Medic.	frequent	biannual	meadows, ruderal places
128		<i>Melilotus officinalis</i>	(L.) Medic.	frequent	biannual	meadows, ruderal places
129		<i>Trifolium repens</i>	L.	frequent	perennial	meadows, well drained places
130		<i>Trifolium montanum</i>	L.	frequent	perennial	meadows, forest edges
131		<i>Trifolium pratense</i>	L.	frequent	perennial	meadows, forest clearings
132		<i>Trifolium medium</i>	L.	frequent	perennial	meadows, forest edges
133		<i>Trifolium arvense</i>	L.	frequent	annual	stubble, crop fields, sandy soil
134		<i>Anthyllis vulneraria</i>	L.	frequent	perennial	meadows, chalky rocks
135		<i>Lotus corniculatus</i>	L.	frequent	perennial	meadows, bush
136		<i>Robinia pseudacacia</i>	L.	frequent	tree	Sub-spontaneous, naturalized, soil stabilizer
		<i>Astragalus glycyphyllus</i>	L.	frequent	perennial	forest edges, bush
137		<i>Vicia cracca</i>	L.	frequent	perennial	meadows, bush, forest edges
138		<i>Lathyrus pratensis</i>	L.	frequent	perennial	meadows, bush, holms
139		<i>Lathyrus sylvestris</i>	L.	frequent	perennial	bush, ruderal places
140		<i>Lathyrus niger</i>	(L.) Bernh	frequent	perennial	meadows, bush
141		<i>Vicia dumetorum</i>	L.	frequent	perennial	meadows
Order HALORAGALES						
142	HALORAGACEAE	<i>Myriophyllum spicatum</i>	L.	frequent	perennial	submerged aquatic plant
Order MYRTALES						
143	LYTHRACEAE	<i>Lythrum salicaria</i>	L.	frequent	perennial	swamped meadows, banks, holms
144	ONAGRACEAE	<i>Oenothera biennis</i>	L.	frequent	biannual	sandy places, banks
145		<i>Epilobium montanum</i>	L.	frequent	perennial	forest edges and clearings
146		<i>Epilobium angustifolium</i>	(L.) Scop.	frequent	perennial	forest edges and clearings, cuttings, fells, burnt forest
Order THYMELEALES						
147	THYMELEACEAE	<i>Daphne mezereum</i>	L.	frequent	shrub	Forest clearings
Order CORNACEAE						
148	CORNACEAE	<i>Cornus mas</i>	L.	frequent	shrub	forests, bush
149		<i>Cornus sanguinea</i>	L.	frequent	shrub	forests, water edge
Order SANTALALES						
150	LORANTHACEAE	<i>Viscum album</i>	L.	-	shrub	tree parasite Class Dicotyledonatae
Order CELASTRALES						
151	CELASTRACEAE	<i>Euonymus europaeus</i>	L.	frequent	shrub	forests, bush
Order EUPHORBIALES						
152	EUPHORBIACEAE	<i>Euphorbia amygdaloides</i>	L.	frequent	perennial	forests, bush
153		<i>Euphorbia cyparissias</i>	L.	frequent	perennial	meadows, ruderal places
154		<i>Mercurialis perennis</i>	L.	frequent	perennial	meadows, on humus rich soils
Order RHAMNALES						
155	RHAMNACEAE	<i>Rhamnus cathartica</i>	L.	frequent	shrub	forest edges, bush
156		<i>Frangula alnus</i>	Miller	frequent	shrub	forests, holms, floodplains, swamps
Order SAPINDALES						
157	ACERACEAE	<i>Acer campestre</i>	L.	frequent	tree	forests, forest edges

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158		<i>Acer platanoides</i>	L.	frequent	tree	forests, cultivated
159		<i>Acer pseudoplatanus</i>	L.	frequent	tree	forests, clearings
Order GERANIALES						
160	OXALIDACEAE	<i>Oxalis acetosella</i>	L.	frequent	perennial	forests, shady places
161	GERANIACEAE	<i>Geranium robertianum</i>	L.	frequent	annual	forests, bush, weeds
162		<i>Geranium molle</i>	Burm.	frequent	annual	forests, bush, weeds
163		<i>Geranium pratense</i>	L.	frequent	perennial	meadows, forest edges
164		<i>Geranium phaeum</i>	L.	frequent	annual	moist places, forest edges
165	BALSAMINACEAE	<i>Impatiens glandulifera</i>	Royle	-	annual	cultivated, comes from India
166		<i>Impatiens balsamina</i>	L.	-	annual	planted, comes from India
167		<i>Impatiens noli-tangere</i>	L.	frequent	annual	moist shady places, holms, near streams
Order LINALES						
168	LINACEAE	<i>Linum catharticum</i>	L.	sporadic	annual	meadows, bush, moist places
Order POLYGALALES						
169	POLYGALACEAE	<i>Polygala vulgaris</i>	L.	frequent	perennial	meadows, bush
Order APIALES						
170	ARALIACEAE	<i>Hedera helix</i>	L.	frequent	liana	holms, shady places
171	APIACEAE	<i>Sanicula europaea</i>	L.	frequent	perennial	forests, holms
172		<i>Torilis arvensis</i>	(Hudson.) Link.	frequent	annual	ruderal and cultivated places acacia plantations
173		<i>Astrantia major</i>	L.	frequent	perennial	bush, weeds, meadows
174		<i>Anthriscus sylvestris</i>	(L.) Hoffm.	frequent	biannual	forest edges, holms
175		<i>Daucus carota</i> ssp. <i>carota</i>	L.	frequent	annual	ruderal places
176		<i>Carum carvi</i>	L.	frequent	biannual	meadows, fertilized places
177		<i>Aegopodium podagraria</i>	L.	frequent	perennial	Clearings and forest edges, wet meadows, orchards
178		<i>Pimpinella saxifraga</i>	L.	frequent	perennial	meadows
179		<i>Angelica silvestris</i>	L.	frequent	biannual	swamped meadows, on banks
180		<i>Ferulago sylvatica</i>	(Bess.) Rchb.	frequent	perennial	forest edges
181		<i>Peucedanum oreoselinum</i>	(L.) Mnch.	frequent	perennial	bush, forest edges
182		<i>Heracleum sphondylium</i>	L.	frequent	biannual	meadows, weeds, holms
183		<i>Pastinaca sativa</i>	L.	frequent	biannual	meadows, weeds, holms
Order THEALES						
184	HYPERICACEAE	<i>Hypericum perforatum</i>	L.	frequent	perennial	meadows, bush
Order MALVALES						
185	TILIACEAE	1.1.1.1 <i>Tilia platyphyllos</i>	Scop.	sporadic	tree	forests, and cultivated ornamental
186		<i>Tilia tomentosa</i>	Moench	sporadic	tree	forests, and cultivated ornamental
187		<i>Tilia cordata</i>		sporadic	tree	forests
188	MALVACEAE	<i>Malva neglecta</i>	Wallr.	frequent	annual	ruderal places, near fences, yards
Order VIOLALES						
189	VIOLACEAE	<i>Viola tricolor</i>	L.	frequent	annual	meadows, cultivated places
190	CISTACEAE	<i>Helianthemum nummularium</i>	(L.) Mill.	frequent	Sub-shrub	meadows, bush, grassy rocks
Order CAPPARALES						

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191	BRASSICACEAE	<i>Sisymbrium officinale</i>	(L.) Scop.	frequent	annual	ruderal places
192		<i>Sisymbrium loeselli</i>	Jusl.	frequent	annual	ruderal places
193		<i>Alliaria petiolata</i>	Andrz.	frequent	biannual	shady places, forests, forest edges
194		<i>Bunias orientalis</i>	L.	frequent	biannual	meadows, orchards
195		<i>Erysimum cheiranthoides</i>	L.	sporadic	annual	ruderal places, banks
196		<i>Hesperis matronalis</i>	L.	sporadic	biannual	forest edges, de-a along valleys
197		<i>Barbarea vulgaris</i>	R.Br.	frequent	biannual	moist places, holms, banks
198		<i>Rorippa silvestris</i>	(L.) Bess.	frequent	perennial	moist places, holms, banks
199		<i>Armoracia rusticana</i>	(Lam.) G.M.Sch.	-	perennial	Sub-spontaneous, cultivated
200		<i>Cardamine hirsuta</i>	L.	frequent	annual	ruderal places, cultivated, bush
201		<i>Lunaria rediviva</i>	L.	sporadic	perennial	valleys, gorges, humus rich soils
202		<i>Capsella bursa-pastoris</i>	(L.) Medic.	very frequent	annual	ruderal and cultivated places
203		<i>Thlaspi arvense</i>	L.	frequent	annual	ruderal places and crops
204		<i>Lepidium campestre</i>	(L.) R.Br.	frequent	annual	ruderal and cultivated places
205		<i>Sinapis arvensis</i>	L.	very frequent	annual	ruderal places and crops
206		<i>Raphanus raphanistrum</i>	L.	frequent	annual	ruderal places and crops
207		<i>Dentaria bulbifera</i>	L.	frequent	perennial	forests
Order SALICALES						
208	SALICACEAE	<i>Salix purpurea</i>	L.	frequent	shrub	on water side gravel, alluvial, skeleton soils
209		<i>Salix silesiaca</i>	Willd.	frequent	shrub	Forest clearings and edges, moist soils
210		<i>Salix caprea</i>	L.	frequent	tree	Forest clearings and cuttings
211		<i>Salix viminalis</i>	L.	sporadic	shrub	holms, on banks
212		<i>Populus nigra</i>	L.	frequent	tree	floodplains, holms, depressions
213		<i>Populus tremula</i>	L.	frequent	tree	forest edges and clearings
Order ERICALES						
214	ERICACEAE	<i>Bruckenthalia spiculifolia</i>	(Salisb.) Rchb.	frequent	shrub	meadows and forest clearings
215		<i>Calluna vulgaris</i>	(L.) Hull	sporadic	shrub	meadows and forest clearings, pioneer species, calcifuge
216		<i>Vaccinium vitis-idaea</i>	L.	frequent	Sub-shrub	meadows, forest clearings
217		<i>Vaccinium myrtillus</i>	L.	frequent	Sub-shrub	forest clearings and cuttings
Order PRIMULALES						
218	PRIMULACEAE	<i>Primula elatior</i>	(L.) Grufb.	sporadic	perennial	sunny meadows stony substrate
219		<i>Primula officinalis</i>	(L.) Hil	frequent	perennial	forest edges and clearings
220		<i>Lysimachia nummularia</i>	L.	frequent	perennial	Wet meadows, ditches
221		<i>Lysimachia punctata</i>	L.	frequent	perennial	on banks, swamps, bush
222		<i>Anagallis arvensis</i>	L.	frequent	annual	ruderal and cultivated places
Order GENTIANALES						
223	GENTIANACEAE	<i>Gentiana asclepiadea</i>	L.	frequent	perennial	forest edges and clearings
224		<i>Gentiana ciliata</i>	L.	sporadic	biannual	bush, forest edges
225	APOCYNACEAE	<i>Vinca minor</i>	L.	sporadic	perennial	forest edges, bush
226	ASCLEPIADACEAE	<i>Cynanchum vincetoxicum</i>	(L.) Pers.	frequent	perennial	forest edges, bush
Order OLEALES						
227	OLEACEAE	<i>Fraxinus excelsior</i>	L.	frequent	tree	forests, floodplains, holms

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228		<i>Syringa vulgaris</i>	L.	sporadic	shrub	cultivated
229		<i>Ligustrum vulgare</i>	L.	frequent	shrub	forests, bush, cultivated for hedges
Order SOLANALES						
230	SOLANACEAE	<i>Datura stramonium</i>	L.	frequent	annual	ruderal and cultivated places
231	CONVOLVULACEAE	<i>Convolvulus arvensis</i>	L.	frequent	perennial	ruderal and cultivated places
232	CUSCUTACEAE	<i>Cuscuta lupuliformis</i>	Krock.	sporadic	annual	parasite on wood plants along waters
Order LAMIALES						
233	BORAGINACEAE	<i>Myosotis sylvatica</i>	(Ehrh.) Hoffm.	frequent	biannual	forests, holms, overgrazed meadows
234		<i>Pulmonaria officinalis</i>	L.	frequent	perennial	forests
235		<i>Symphytum tuberosum</i>	L.	frequent	perennial	forests, holms, wet meadows
236		<i>Symphytum cordatum</i>	Waldst. & Kit. ex Willd.	frequent	perennial	forests, weeds
237	LAMIACEAE	<i>Ajuga reptans</i>	L.	frequent	perennial	bush, forest edges
238		<i>Teucrium chamaedrys</i>	L.	frequent	Sub-shrub	Sunny, arid meadows
239		<i>Scutellaria galericulata</i>	L.	frequent	perennial	Swampy meadows, banks
240		<i>Prunella laciniata</i>	(L.) Nathhorst.	sporadic	perennial	meadows, sunny places
241		<i>Prunella vulgaris</i>	L.	frequent	perennial	meadows, bush
242		<i>Glechoma hederacea</i>	L.	frequent	perennial	forest edges, forests, moist and shady places
243		<i>Melittis melissophyllum</i>	L.	sporadic	perennial	forest edges, forests
244		<i>Lamium galeobdolon</i>	(L.) Ehrend. & Polatschek	frequent	perennial	forest edges, moist and shady places
245		<i>Lamium album</i>	L.	frequent	perennial	forest edges, fertilized places
246		<i>Galeopsis speciosa</i>	Mill.	frequent	annual	Forest cuttings, along streams
247		<i>Galeopsis tetrahit</i>	L.	frequent	annual	forest edges, cultivated and ruderal places
248		<i>Leonurus cardiaca</i>	L.	frequent	perennial	ruderal places
249		<i>Stachys sylvatica</i>	L.	frequent	perennial	forest edges
250		<i>Salvia glutinosa</i>	L.	frequent	perennial	forests, holms
251		<i>Thymus pulegioides</i>	L.	frequent	perennial	on poor, skeleton soils
252		<i>Origanum vulgare</i>	L.	frequent	perennial	bush, forest edges, meadows
253		<i>Lycopus europaeus</i>	L.	frequent	perennial	swamps, on banks
254		<i>Mentha arvensis</i>	L.	frequent	perennial	moist places
255		<i>Mentha longifolia</i>	(L.) Huds.	very frequent	perennial	Wet meadows
Order PLANTAGINALES						
256	PLANTAGINACEAE	<i>Plantago major</i>	L.	frequent	perennial	Alfalfa meadows, non-silted places
257		<i>Plantago lanceolata</i>	L.	frequent	perennial	meadows, trifoil, ruderal places
258		<i>Plantago media</i>	L.	frequent	perennial	Dry meadows, ruderal places
Order SCROPHULARIALES						
259	SCROPHULARIACEAE	<i>Linaria vulgaris</i>	Mill.	frequent	perennial	cultivated and ruderal places
260		<i>Scrophularia nodosa</i>	L.	frequent	perennial	forest edges, moist places
261		<i>Verbascum phlomoides</i>	L.	frequent	biannual	Sunny, dry places
262		<i>Verbascum thapsus</i>	L.	frequent	biannual	stony, sunny places
263		<i>Verbascum nigrum</i>	L.	frequent	perennial	forests
264		<i>Veronica anagallis-aquatica</i>	L.	frequent	perennial	swamped meadows, ditches
265		<i>Veronica beccabunga</i>	L.	frequent	perennial	banks, swamps, ditches
266		<i>Veronica chamaedrys</i>	L.	frequent	perennial	forest edges

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267		<i>Veronica montana</i>	L.	sporadic	perennial	shady moist places
268		<i>Veronica officinalis</i>	L.	frequent	perennial	forest edges and clearings, meadows
269		<i>Veronica persica</i>	Poir.	frequent	annual	cultivated and ruderal places
270		<i>Veronica scutellata</i>	L.	frequent	perennial	swamped meadows
271		<i>Veronica spicata</i>	L.	frequent	perennial	meadows, bush, dry places
272		<i>Veronica teucrium</i>	L.	frequent	perennial	meadows, bush
273		<i>Veronica urticifolia</i>	Jacq.	frequent	perennial	moist shaded places, valley
274		<i>Digitalis grandiflora</i>	Mill.	frequent	perennial	Clearings and forest edges
275		<i>Euphrasia stricta</i>	J.P.Wolff ex J.F.Lehm.	frequent	annual	meadows, bush
276		<i>Pedicularis comosa</i>	L.	sporadic	perennial	Grassy rocks
277		<i>Rhinanthus minor</i>	L.	frequent	annual	meadows
278		<i>Melampyrum bihariense</i>	A.Kern.	frequent	annual	meadows, bush
279		<i>Melampyrum sylvaticum</i>	L.	frequent	annual	forest edges
Order CAMPANULALES						
280	CAMPANULACEAE	<i>Campanula persicifolia</i>	L.	frequent	perennial	meadows, forest clearings
281		<i>Campanula patula</i>	L.	frequent	biannual	meadows, forest edges
282		<i>Campanula abietina</i>	Griseb.	frequent	perennial	meadows, forest edges
283		<i>Campanula ranunculoides</i>	L.	frequent	perennial	meadows, cultivated places
284		<i>Campanula trachelium</i>	L.	frequent	perennial	Semi-shaded places in forests
285		<i>Phyteuma orbiculare</i>	L.	frequent	perennial	Rocky meadows
Order RUBIALES						
286	RUBIACEAE	<i>Galium aparine</i>	L.	frequent	annual	cultivated, ruderal places, forest edges
287		<i>Galium cruciata</i>	(L.) Scop.	frequent	perennial	meadows
288		<i>Galium mollugo</i>	L.	frequent	perennial	bush, forest edges
289		<i>Galium schultesii</i>	Vest.	frequent	perennial	Forest cuttings and clearings
290		<i>Galium vernum</i>	Scop.	frequent	perennial	meadows
Order DIPSACALES						
291	CAPRIFOLIACEAE	<i>Sambucus nigra</i>	L.	frequent	shrub	forest edges, bush, holms
292		<i>Viburnum opulus</i>	L.	frequent	shrub	forest edges, bush, holms
293		<i>Lonicera nigra</i>	L.	sporadic	shrub	forests, bush
294		<i>Lonicera xylosteum</i>	L.	frequent	shrub	forest edges and clearings
295		<i>Symphoricarpos albus</i>	Blake	-	shrub	cultivated ornamental
296	VALERIANACEAE	<i>Valeriana officinalis</i>	L.	frequent	perennial	Wet meadows, forest edges
297	DIPSACACEAE	<i>Dipsacus laciniatus</i>	L.	frequent	biannual	forest edges, water edges
298		<i>Knautia arvensis</i>	(L.) Coult.	frequent	perennial	bush, forest edges
299		<i>Succisa pratensis</i>	Mnch.	sporadic	perennial	Wet meadows and bush
300		<i>Scabiosa columbaria</i>	L.	sporadic	perennial	bush, forest edges, skeleton soil
301		<i>Scabiosa ochroleuca</i>	L.	frequent	biannual	meadows, ruderal places
Order ASTERALES						
302	ASTERACEAE	<i>Solidago virgaurea</i>	L.	frequent	perennial	forest edges, meadows
303		<i>Bellis perennis</i>	L.	frequent	perennial	meadows
304		<i>Erigeron canadensis</i>	L.	very frequent	annual	ruderal places, forest edges
305		<i>Antennaria dioica</i>	(L.) Gaertn.	frequent	perennial	poor meadows sandy-stony substrate

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306		<i>Inula hirta</i>	L.	frequent	perennial	meadows, bush, forest edges
307		<i>Telekia speciosa</i>	(Schreb.) Baumg.	frequent	perennial	moist shady places, along streams
308		<i>Bidens cernua</i>	L.	frequent	annual	swampy places, along streams
309		<i>Bidens tripartita</i>	L.	frequent	annual	moist places, holms, waterside swamps
310		<i>Galinsoga parviflora</i>	Cav.	frequent	annual	cultivated and ruderal places, especially alluvial soils
311		<i>Galinsoga ciliata</i>	(Rafin.)Blake	sporadic	annual	cultivated and ruderal places
312		<i>Achillea collina</i>	Becker ex Rchb.	frequent	perennial	meadows, bush, sometimes silts
313		<i>Achillea millefolium</i>	L.	frequent	perennial	meadows, bush
314		<i>Chrysanthemum laucanthemum</i>	L.	frequent	perennial	meadows, bush, forest edges
315		<i>Tanacetum vulgare</i>	L.	frequent	perennial	holms, ruderal places
316		<i>Artemisia absinthium</i>	L.	frequent	perennial	ruderal places
317		<i>Artemisia vulgaris</i>	L.	frequent	perennial	bush, ruderal places
318		<i>Tussilago farfara</i>	L.	frequent	perennial	on banks, ditches, ravines
319		<i>Petasites hybridus</i>	(L.)Gaertner	frequent	perennial	banks, holms, weeds
320		<i>Petasites albus</i>	(L.)Gaertner	frequent	perennial	Along streams, weeds
321		<i>Arnica montana</i>	L.	frequent	perennial	meadows
322		<i>Doronicum austriacum</i>	Jacq.	frequent	perennial	Along streams, weeds, holms
323		<i>Senecio jacobaea</i>	L.	frequent	perennial	forest edges, ruderalized meadows
324		<i>Senecio viscosus</i>	L.	sporadic	annual	Forest clearings and cuttings, pioneer species
325		<i>Senecio vulgaris</i>	L.	frequent	annual	fallow, ruderal places
326		<i>Carlina acaulis</i>	L.	frequent	monocarp	meadows
327		<i>Carlina vulgaris</i>	L.	frequent	biannual	Dry places, meadows
328		<i>Arctium lappa</i>	L.	frequent	biannual	ruderal places
329		<i>Arctium minus</i>	Bernh.	frequent	biannual	ruderal places
330		<i>Arctium tomentosum</i>	Mill.	frequent	biannual	ruderal places
331		<i>Carduus personatus</i>	(L.) Jacq.	frequent	perennial	Weeds along streams
332		<i>Cirşium arvense</i>	(L.) Scop.	frequent	perennial	Wet and cultivated places, forest clearings, ruderalized meadows
333		<i>Cirşium vulgare</i>	(Savi) Airy-Jav.	frequent	biannual	ruderal places, bush
334		<i>Serratula tinctoria</i>	L.	frequent	perennial	meadows, bush, forest edges
335		<i>Centaurea phrygia</i>	L.	frequent	perennial	forest edges, meadows
336		<i>Cichorium intybus</i>	L.	very frequent	perennial	ruderal places și cultivate
337		<i>Lapsana communis</i>	L.	frequent	annual	shady places, forest cuttings, ruderal places
338		<i>Aposeris foetida</i>	(L.) Less.	sporadic	perennial	forests, especially beech
339		<i>Hypochaeris maculata</i>	L.	frequent	perennial	meadows, forest edges
340		<i>Hypochaeris radicata</i>	L.	frequent	perennial	meadows, specie calcifuge
341		<i>Leontodon autumnalis</i>	L.	frequent	perennial	meadows
342		<i>Leontodon hispidus</i>	L.	frequent	perennial	meadows
343		<i>Tragopogon orientalis</i>	L.	frequent	biannual	meadows, bush, ruderal places
344		<i>Scorzonera rosea</i>	W. et K.	sporadic	perennial	Moist and shady meadows
345		<i>Taraxacum officinale</i>	Weber	very frequent	perennial	cultivated and ruderal places
346		<i>Mycelis muralis</i>	(L.) Dumort.	frequent	perennial	forests, bush, weeds

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347		<i>Sonchus arvensis</i>	L.	very frequent	perennial	cultivated and ruderal places
348		<i>Sonchus asper</i>	(L.) Hill.	frequent	annual	in harrowed crops
349		<i>Sonchus oleraceus</i>	L.	frequent	annual	cultivated and ruderal places
350		<i>Crepis tectorum</i>	L.	frequent	annual	on dry, poor land
351		<i>Prenanthes purpurea</i>	L.	frequent	perennial	forests, forest clearings
352		<i>Hieracium aurantiacum</i>	L.	frequent	perennial	meadows
353		<i>Hieracium pilosella</i>	L.	very frequent	perennial	Sunny meadows, pioneer species
Order ALISMATALES						
354	ALISMATACEAE	<i>Alisma plantago-aquatica</i>	L.	frequent	perennial	swamps, on banks, ponds
355		<i>Sagittaria sagittifolia</i>	L.	frequent	perennial	ponds, standing , slow flowing waters
Order NAJADALES						
356	POTAMOGETONACEAE	<i>Potamogeton crispus</i>	L.	very frequent	perennial	standing, slow flowing water
Order LILIALES						
357	LILIACEAE	<i>Colchicum autumnale</i>	L.	frequent	perennial	Oak forests and meadows
358		<i>Lilium martagon</i>	L.	frequent	perennial	bush, forests, forest edges
359		<i>Convallaria maialis</i>	L.	frequent	perennial	forests, bush, mountain meadows
360		<i>Polygonatum verticillatum</i>	(L.) All.	frequent	perennial	forests, bush
361		<i>Majanthemum bifolium</i>	(L.) F.W.Schmidt	frequent	perennial	forests, bush, rocks
362	ALLIACEAE	<i>Allium ursinum</i>	L.	frequent	perennial	Deciduous forests
363	AMARYLLIDACEAE	<i>Galanthus nivalis</i>	L.	frequent	perennial	forests, bush, meadows
364	IRIDACEAE	<i>Crocus heuffelianus</i>	Herbert	frequent	perennial	Forest clearings, meadows
Order ORCHIDALES						
365	ORCHIDACEAE	<i>Dactylorhiza maculata</i>	L. Soo	frequent	perennial	meadows, forest edges and clearings
366		<i>Gymnadenia conopsea</i>	(L.) R.Br.	frequent	perennial	meadows, bush, forest edges
367		<i>Epipactis helleborine</i>	(L.)Crantz	frequent	perennial	forests, bush
Order JUNCALES						
368	JUNCACEAE	<i>Juncus articulatus</i>	L.	frequent	perennial	Wet meadows , sandy alluvia
369		<i>Juncus bufonius</i>	L.	frequent	perennial	moist places, sometimes silted
370		<i>Juncus conglomeratus</i>	L.	frequent	perennial	swamped meadows
371		<i>Juncus effusus</i>	L.	frequent	perennial	swamped meadows, ditches
372		<i>Juncus gerardi</i>	Lois.	frequent	perennial	Wet, silted meadows on sandy soils
373		<i>Juncus tenuis</i>	Willd	frequent	perennial	Wet meadows, roadsides
374		<i>Luzula campestris</i>	(L.) DC.	frequent	perennial	meadows, forest edges
375		<i>Luzula luzuloides</i>	(Lam.) Dandy & Wilmott	frequent	perennial	forests, cuttings, meadows
376		<i>Luzula multiflora</i>	(Retz.) Lej.	frequent	perennial	forest clearings
377		<i>Luzula pilosa</i>	(L.) Willd.	sporadic	perennial	forests
378		<i>Luzula sylvatica</i>	(Huds.) Gaudin	frequent	perennial	forests, cuttings
Order CYPERALES						
379	CYPERACEAE	<i>Scirpus sylvaticus</i>	L.	frequent	perennial	swampy shady places
380		<i>Eriophorum latifolium</i>	Hoppe.	frequent	perennial	swamped meadows
381		<i>Eleocharis palustris</i>	(L.) Roem et Schult.	frequent	perennial	Waterside swamps
382		<i>Carex hirta</i>	L.	frequent	perennial	Near ponds, wet meadows
383		<i>Carex pallescens</i>	L.	frequent	perennial	wet meadows, clearings forest edges

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384		<i>Carex pilosa</i>	Scop	frequent	perennial	forests, holms
385		<i>Carex silvatica</i>	Huds	frequent	perennial	forests, holms
Order POALES						
386	POACEAE	<i>Festuca ovina</i>	L.	frequent	perennial	meadows
387		<i>Festuca pratensis</i>	Huds.	frequent	perennial	meadows
388		<i>Festuca rubra</i>	L.	frequent	perennial	meadows, forest clearings
389		<i>Lolium perenne</i>	L.	frequent	perennial	meadows, cultivated and ruderal places
390		<i>Poa annua</i>	L.	very frequent	annual-perennial	cultivated and ruderal places, wet meadows
391		<i>Poa nemoralis</i>	L.	frequent	perennial	forests, bush, grassy rocks
392		<i>Poa pratensis</i>	L.	frequent	perennial	meadows, forest edges, ruderal places
393		<i>Dactylis glomerata</i>	L.	frequent	perennial	meadows, forest edges
394		<i>Cynosurus cristatus</i>	L.	frequent	perennial	meadows
395		<i>Briza media</i>	L.	frequent	perennial	meadows, bush, forest edges
396		<i>Melica nutans</i>	L.	frequent	perennial	forests
397		<i>Bromus inermis</i>	Leyss.	frequent	perennial	meadows, on sunny, dry slopes
398		<i>Brachypodium sylvaticum</i>	(Huds.) P.Beauv.	frequent	perennial	meadows, shady places
399		<i>Arrhenatherum elatius</i>	(L.) J. et C. Presl.	frequent	perennial	meadows, bush
400		<i>Deschampsia caespitosa</i>	(L.) Beauv.	frequent	perennial	meadows, weeds, forest clearings
401		<i>Deschampsia flexuosa</i>	(L.) Trin.	frequent	perennial	forests, clearings (especially in spruce stands)
402		<i>Anthoxantum odoratum</i>	L.	frequent	perennial	meadows, bush
403		<i>Holcus lanatus</i>	L.	frequent	perennial	meadows, forest edges and clearings
404		<i>Agrostis capillaris</i>	L.	frequent	perennial	meadows, bush, forest clearings
405		<i>Calamagrostis arundinacea</i>	(L.) Roth	frequent	perennial	weeds, forest clearings and cuttings
406		<i>Calamagrostis epigejos</i>	(L.) Roth	frequent	perennial	meadows on alluvia, sands, disturbed land
407		<i>Milium effusum</i>	L.	frequent	perennial	forests, weeds
408		<i>Nardus stricta</i>	L.	frequent	perennial	Acidic mountain meadows, calcifuge species
409		<i>Echinochloa crus-galli</i>	(L.) P.B.	very frequent	annual	in harrowed crops, on irrigated or alluvial soils
Order TYPHALES						
410	SPARGANIACEAE	<i>Sparganium erectum</i>	L.	frequent	perennial	by standing or slow flowing waters
411	TYPHACEAE	<i>Typha angustifolia</i>	L.	frequent	perennial	by standing or slow flowing waters
412		<i>Typha latifolia</i>	L.	frequent	perennial	by standing or slow flowing waters, reeds, marshes
Order ARALES						
413	ARACEAE	<i>Arum maculatum</i>	L.	frequent	perennial	forests, on humus rich soils
414	LEMNACEAE	<i>Lemna minor</i>	L.	frequent	perennial	Stagnant water