

## AN ECOLOGICAL STUDY ON THE RELATIONSHIPS BETWEEN ANTHROPOGENIC ACTIVITIES AND PLANT SPECIES FROM ROMANIAN SITES OF COMMUNITY IMPORTANCE

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**Abstract.** The research activities were performed within different rocky and meadows habitats from Romanian Sites of Community Importance. The obtained results pointed out significant relationships between the number of plant species and the following variables: the favorable status of the studied habitats and pastoral activities. In the studied area, pastoral activities were the main anthropogenic activities with a positive influence on plant species. The main finding of this study is based on a favorable status of the studied habitats with an insignificant anthropogenic impact on plant species.

**Keywords:** habitats, Romanian Site of Community Importance, anthropogenic activities.

**Rezumat. Studiu ecologic asupra relațiilor dintre activitățile antropice și speciile de plante din Situri de Importanță Comunitară din România.** Activitățile de cercetare au fost realizate în cadrul anumitor habitate de pășiști și stâncării incluse în Situri de Importanță Comunitară din România. Rezultatele obținute au scos în evidență relații semnificative între numărul speciilor de plante și următoarele variabile: statutul favorabil al habitatelor studiate și activitățile pastorale. În aria studiată activitățile pastorale au fost principalele activități antropice cu o influență pozitivă asupra speciilor de plante. Principala concluzie a acestui studiu se bazează pe starea favorabilă a habitatelor studiate cu un impact antropic nesemnificativ asupra speciilor de plante.

**Cuvinte cheie:** habitate, Situri de Importanță Comunitară din România, activități antropice.

### INTRODUCTION

In Romania, protected habitats are subjected to anthropogenic activities with a negative impact on their biodiversity (IMBREA et al., 2014; VICOL, 2020), therefore, across the times, environmental policies have represented a major support for habitats and their biological diversity conservation (PULLIN et al., 2013). Furthermore, there are legislative tools regarding habitat and species protection and conservation (\*\*. LAW NO. 5/2000; \*\*\*. OM, 2007; 2011). In Romania, protected areas are subjected to different pressures and threats – some of them with a long-term impact of biodiversity (STANCIU & FLORESCU, 2009); therefore, within protected areas, human activities should be balanced so as to reduce changes in environmental conditions (VICOL & MIHĂILESCU, 2022). The biodiversity loss could be halted using legislative tools and all available conservation criteria implemented for a sustainable development of species diversity and their habitats (SANCHEZ et al., 2021). The conservation of the ecological connectivity network is an important attribute for habitat and species conservation and represents a fundamental criterion for maintaining the availability of natural resources needed for biotical systems (IEZZI et al., 2022). Additionally, ecological networks approached by both genetic and environment analysis significantly contribute to understanding the complexity of habitat biodiversity conservation (JONES & MANSEAU, 2022). The human activities which are environmentally friendly such as cultural, religious and traditionally activities do not always contribute to deterioration of biodiversity but rather create a stable relationship between nature and peoples (CAO et al., 2021; TUPALA et al., 2022). Generally, scientific researchers provide valuable statements on biodiversity conservation but, surprisingly, the media has a complementary contribution to nature conservation and serves as an important support besides legislative and policy tools for the awareness of the environmental impact of human activities (SIRIWAT & NIJMAN, 2018; TOIVONEN et al., 2019).

The aim of the study is based on the assessment and monitoring of conservation status of the habitats from Romanian Site of Community Importance under Article 17 of Habitat Directive. The main objectives of the study are represented by (a) the impact of different human pressures on habitats and their plant species; (b) the importance of the conservation measure for habitats and the relevant plants; and (c) the relevance of the conservation status and trends for the studied habitats and their plants.

### MATERIAL AND METHODS

The research activity in the field was performed during 2019-2021 within different habitat types from Romanian Site of Community Importance. The field activity was performed within the following habitats: **40C0**-Ponto-Sarmatic deciduous thickets (EEA, 2019a), **6150**-Siliceous alpine and boreal grasslands (EEA, 2019b), **6170**-Alpine and subalpine calcareous grasslands (EEA, 2019c), **62C0**-Ponto-Sarmatic steppes (EEA, 2019d), **6240**-Sub Pannonic steppic grasslands (EEA 2019e), **6510**-Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*) (EEA, 2019f), **6520**-Mountain hay meadows (EEA, 2019g), **8110**-Siliceous scree of the montane to snow levels (*Androsacetalia alpinae* and *Galeopsietalia ladani*) (EEA, 2019h), **8210**-Calcareous rocky slopes with chasmophytic vegetation (EEA, 2019i), **8220**-Siliceous rocky slopes with chasmophytic vegetation (EEA, 2019j).

The investigated habitats were identified within the following Romanian Sites of Community Importance: ROSCI0019 Călimani-Gurghiu, ROSCI0024 Ceahlău, ROSCI0032 Rudăriei Gorges, ROSCI0038 Ciucaș, ROSCI0041 Coasta Rupturile Tănacului, ROSCI0045 Jiul Corridor, ROSCI0057 Istrița Hill, ROSCI0069 Domogled-Valea Cernei, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake, ROSCI0117 Movila lui Burcel, ROSCI0121 Vulcan Mountain, ROSCI0122 Făgăraș Mountains, ROSCI0124 Maramureșului Mountains, ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0151 Gârboavele Forest, ROSCI0208 Putna Vrancea, ROSCI0217 Retezat Mountains, ROSCI0239 Târnovu Mare-Latorița, ROSCI0283 Doftana Gorges, ROSCI0286 Colinele Elanului, ROSCI0386 Vedea River, ROSCI0399 Suharău-Darabani (Table 1).

Table 1. The list of plant identified within different rocky and meadows habitat types from Romanian Sites of Community Importance.

Species	Family	Habitat type followed by Romanian Site of Community Importance
<i>Abutilon theophrasti</i> Medik.	Malvaceae	<b>62C0</b> : ROSCI0117 Movila lui Burcel; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0045 Jiul Corridor
<i>Acer campestre</i> L.	Aceraceae	<b>8110</b> : ROSCI0208 Putna Vrancea
<i>Acer platanoides</i> L.	Aceraceae	<b>8110</b> : ROSCI0208 Putna Vrancea
<i>Achillea collina</i> Becker ex Rchb.	Asteraceae	<b>6170</b> : ROSCI0038 Ciucaș, <b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake, <b>62C0</b> : ROSCI0286 Colinele Elanului
<i>Achillea lingulata</i> Waldst. Et Kit.	Asteraceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Achillea pannonica</i> Scheele	Asteraceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>62C0</b> : ROSCI0057 Istrița Hill
<i>Achillea schurii</i> Sch. Bip.	Asteraceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Achillea schurii</i> Sch. Bip. Subsp. <i>Schurii</i> (Sch.) Bip. Heimerl	Asteraceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Achillea setacea</i> Waldst. Et Kit	Asteraceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0057 Istrița Hill; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Achillea stricta</i> (W.D.J. Koch) Schleich ex Gremli	Asteraceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Acinos alpinus</i> (L.) Moench. Subsp. <i>Alpinus</i>	Lamiaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Aegopodium podagraria</i> L.	Apiaceae	<b>6520</b> : ROSCI0038 Ciucaș; <b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Agrimonia eupatoria</i> L.	Rosaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0399 Suharău-Darabani; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu; <b>8210</b> : ROSCI0283 Doftana Gorges, ROSCI0121 Vulcan Mountain
<i>Agropyron cristatum</i> (L.) Gaertn.	Poaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Agropyron cristatum</i> (L.) Gaertn. Subsp. <i>Pectinatum</i> (M. Bieb.) Tzvelev	Poaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest
<i>Agrostis capillaris</i> L.	Poaceae	<b>6170</b> : ROSCI0038 Ciucaș; <b>8220</b> : ROSCI0217 Retezat Mountains
<i>Agrostis capillaris</i> L. subsp. <i>Capillaris</i>	Poaceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Agrostis gigantea</i> Roth	Poaceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Agrostis stolonifera</i> L.	Poaceae	<b>62C0</b> : ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel
<i>Agrostis vinealis</i> Schreb.	Poaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains; <b>6170</b> : ROSCI0038 Ciucaș; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Ailanthus altissima</i> (Mill.) Swingle	Simaroubaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Alchemilla mollis</i> (Buser) Rothm.	Rosaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Allium flavum</i> L. subsp. <i>Flavum</i>	Alliaceae	<b>8210</b> : ROSCI0035 Turzii Gorges
<i>Allium fuscum</i> Waldst. Et Kit subsp. <i>Fuscum</i>	Amarylidaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Allium obliquum</i> L.	Alliaceae	<b>8210</b> : ROSCI0035 Turzii Gorges
<i>Alnus viridis</i> (Chaix) DC.	Betulaceae	<b>8110</b> : ROSCI0208 Putna Vrancea
<i>Alopecurus laguriformis</i> Schur	Poaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Alopecurus pratensis</i> L. subsp. <i>pseudonigricans</i> O. Schwarz	Poaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Althaea cannabina</i> L. subsp. <i>narbonensis</i> (Cav.) Nyman	Malvaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake

<i>Althaea officinalis</i> L. subsp. <i>taurinensis</i> (DC.) Backer	Malvaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Alyssum murale</i> Waldst. et Kit subsp. <i>murale</i>	Brassicaceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Amaranthus retroflexus</i> L.	Amaranthaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Ambrosia arthemisiifolia</i> L.	Asteraceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Amorpha fruticosa</i> L.	Fabaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Anchusa ochroleuca</i> M. Bieb.	Boraginaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului, ROSCI0117 Movila lui Burcel
<i>Anchusa officinalis</i> L.	Boraginaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Anemone narcissiflora</i> L. subsp. <i>narcissiflora</i>	Ranunculaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Angelica sylvestris</i> L.	Apiaceae	<b>8220</b> : ROSCI0217 Retezat Mountains
<i>Antennaria dioica</i> (L.) Gaertn.	Asteraceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Anthemis carpatica</i> Willd.	Asteraceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Anthemis tinctoria</i> L.	Asteraceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Anthericum ramosum</i> L.	Asparagaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Anthyllis vulneraria</i> L. subsp. <i>vulneraria</i> (Sag.) Domin.	Fabaceae	<b>6170</b> : ROSCI0038 Ciucaș; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Arabis alpina</i> L.	Brassicaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Arctium lappa</i> L.	Asteraceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Aristolochia clematitis</i> L.	Aristolochiaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6510</b> : ROSCI0386 Vedeia River
<i>Artemisia absinthium</i> L.	Asteraceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului, ROSCI0399 Suharău-Darabani; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Artemisia austriaca</i> Jacq.	Asteraceae	<b>62C0</b> : ROSCI0057 Istrița Hill; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Artemisia eriantha</i> Ten.	Asteraceae	<b>6150</b> : ROSCI0125 Rodna Mountains; <b>8110</b> : ROSCI0217 Retezat Mountains
<i>Artemisia pontica</i> L.	Asteraceae	<b>62C0</b> : ROSCI0057 Istrița Hill
<i>Artemisia vulgaris</i> L.	Asteraceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Asperula cynanchica</i> L.	Rubiaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Asperula rumelica</i> Boiss.	Rubiaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Asperula setulosa</i> Boiss.	Rubiaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>62C0</b> : ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0399 Suharău-Darabani
<i>Asplenium adulterinum</i> Milde	Aspleniaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains; <b>6520</b> : ROSCI0024 Ceahlău, ROSCI0124 Maramureșului Mountains; <b>8210</b> : ROSCI0239 Târnovu Mare-Latorița; <b>8220</b> : ROSCI0124 Maramureș Mountains, ROSCI0217 Retezat Mountains
<i>Asplenium ceterach</i> L.	Aspleniaceae	<b>8110</b> : ROSCI0069 Domogled-Valea Cernei
<i>Asplenium ruta-muraria</i> L.	Aspleniaceae	<b>8110</b> : ROSCI0069 Domogled-Valea Cernei; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Asplenium scolopendrium</i> L.	Aspleniaceae	<b>8110</b> : ROSCI0069 Domogled-Valea Cernei
<i>Asplenium trichomanes</i> L.	Aspleniaceae	<b>6520</b> : ROSCI0124 Munții Maramureșului; <b>8110</b> : ROSCI0069 Domogled-Valea Cernei; <b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Asplenium trichomanes</i> L. subsp. <i>trichomanes</i>	Aspleniaceae	<b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Aster amellus</i> L.	Asteraceae	<b>62C0</b> : ROSCI0057 Istrița Hill
<i>Aster linosyris</i> (L.) Bernh.	Asteraceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Astragalus austriacus</i> Jacq.	Fabaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Astragalus onobrychis</i> L. subsp. <i>onobrychis</i>	Fabaceae	<b>62C0</b> : ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill
<i>Astragalus varius</i> S.G. Gmel.	Fabaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest
<i>Astrantia major</i> L.	Apiaceae	<b>6170</b> : ROSCI0038 Ciucaș

<i>Astrantia major</i> L. subsp. <i>major</i>	Apiaceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Atriplex oblongifolia</i> Waldst. et Kit	Chenopodiaceae	<b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Bassia prostrata</i> (L.) G. Beck.	Chenopodiaceae	<b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Bellis perennis</i> L.	Asteraceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Berteroa incana</i> (L.) DC.	Brassicaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest; <b>62C0:</b> ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului, ROSCI0117 Movila lui Burcel; <b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Betula pendula</i> Roth	Betulaceae	<b>8220:</b> ROSCI0217 Retezat Mountains
<i>Biscutella laevigata</i> L.	Brassicaceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Borago officinalis</i> L.	Boraginaceae	<b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>8210:</b> ROSCI0283 Doftana Gorges
<i>Brachypodium pinnatum</i> (L.) Beauv.	Poaceae	<b>62C0:</b> ROSCI0057 Istrița Hill
<i>Brassica elongata</i> Ehrh.	Brassicaceae	<b>62C0:</b> ROSCI0041 Coasta Rupturile Tănacului
<i>Briza media</i> L.	Poaceae	<b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0:</b> ROSCI0057 Istrița Hill; <b>8210:</b> ROSCI0121 Vulcan Mountain
<i>Bromus arvensis</i> L. subsp. <i>arvensis</i>	Poaceae	<b>62C0:</b> ROSCI0286 Colinele Elanului
<i>Bromus commutatus</i> Schrad.	Poaceae	<b>62C0:</b> ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului
<i>Bromus hordaceus</i> L.	Poaceae	<b>6510:</b> ROSCI0045 Jiul Corridor
<i>Bromus japonicus</i> Thumb.	Poaceae	<b>62C0:</b> ROSCI0057 Istrița Hill
<i>Bromus tectorum</i> L.	Poaceae	<b>6510:</b> ROSCI0045 Jiul Corridor
<i>Bruckenthalia spiculifolia</i> (Salisb.) Rechb.	Ericaceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Bupleurum affine</i> Sadler	Apiaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest
<i>Bupleurum falcatum</i> L. var. <i>falcatum</i>	Apiaceae	<b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Bupleurum sibthorpiianum</i> Sm.	Apiaceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Calamagrostis arundinacea</i> (L.) Roth.	Poaceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Calamagrostis epigejos</i> (L.) Roth	Poaceae	<b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0:</b> ROSCI0057 Istrița Hill; <b>8210:</b> ROSCI0226 Semenice-Cheile Carașului, ROSCI0121 Vulcan Mountain; <b>8220:</b> ROSCI0032 Rudăriei Gorges
<i>Calamagrostis stricta</i> (Timm) Koeler	Poaceae	<b>6520:</b> ROSCI0038 Ciucaș
<i>Calamagrostis varia</i> (Schrad.) Host.	Poaceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Calluna vulgaris</i> (L.) Hull	Ericaceae	<b>8210:</b> ROSCI0226 Semenice-Cheile Carașului
<i>Campanula abietina</i> Griseb.	Campanulaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains; <b>6170:</b> ROSCI0038 Ciucaș
<i>Campanula alpina</i> Jacq.	Campanulaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains
<i>Campanula bononiensis</i> L.	Campanulaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest
<i>Campanula carpatica</i> Jacq.	Campanulaceae	<b>6170:</b> ROSCI0038 Ciucaș; <b>6520:</b> ROSCI0024 Ceahlău, ROSCI0124 Munții Maramureșului
<i>Campanula cochlearifolia</i> Lam.	Campanulaceae	<b>6170:</b> ROSCI0038 Ciucaș; <b>8220:</b> ROSCI0217 Retezat Mountains
<i>Campanula glomerata</i> L.	Campanulaceae	<b>6170:</b> ROSCI0038 Ciucaș; <b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Campanula patula</i> L.	Campanulaceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Campanula persicifolia</i> L.	Campanulaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains; <b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>6520:</b> ROSCI0038 Ciucaș; <b>8110:</b> ROSCI0208 Putna Vrancea; <b>8220:</b> ROSCI0032 Rudăriei Gorges, ROSCI0217 Retezat Mountains
<i>Campanula rotundifolia</i> L.	Campanulaceae	<b>6520:</b> ROSCI0019 Călimani-Gurghiu, ROSCI0038 Ciucaș
<i>Campanula sibirica</i> L.	Campanulaceae	<b>62C0:</b> ROSCI0057 Istrița Hill
<i>Campanula sparsa</i> Friv. subsp. <i>sphaerothrix</i> (Griseb.) Hayek	Campanulaceae	<b>8220:</b> ROSCI0032 Rudăriei Gorges
<i>Campanula trachelium</i> L.	Campanulaceae	<b>8220:</b> ROSCI0032 Rudăriei Gorges
<i>Cannabis sativa</i> L.	Cannabaceae	<b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu

<i>Capsella bursa-pastoris</i> (L.) Medik.	Brassicaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Caragana frutex</i> (L.) K. Koch	Fabaceae	<b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu
<i>Cardamine flexuosa</i> With.	Brassicaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Cardamine pratensis</i> L. subsp. <i>matthiolii</i> (Moretti) Nyman	Brassicaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains; <b>6510</b> : ROSCI0386 Vedeia River
<i>Cardaminopsis halleri</i> (L.) Hayek subsp. <i>ovirensis</i> (Wulfen) Hegi et E. Schmid	Brassicaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Cardaminopsis neglecta</i> (Schult.) Hayek	Brassicaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Cardaria draba</i> (L.) Desv.	Brassicaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Carduus acanthoides</i> L.	Asteraceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Carduus kernerii</i> Simonk.	Asteraceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Carex ovalis</i> Gooden.	Poaceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Carthamus lanatus</i> L.	Asteraceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0057 Istrița Hill; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Carum carvi</i> L.	Apiaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Centaurea apiculata</i> Ledeb. subsp. <i>apiculata</i> (Rochel) Dostál	Asteraceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Centaurea calvescens</i> Pančić	Asteraceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Centaurea diffusa</i> Lam.	Asteraceae	<b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0286 Colinele Elanului
<i>Centaurea iberica</i> Trev.	Asteraceae	<b>62C0</b> : ROSCI0057 Istrița Hill
<i>Centaurea indurata</i> Janka	Asteraceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Centaurea jacea</i> L.	Asteraceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Centaurea melanocalathia</i> Borbás	Asteraceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Centaurea micranthos</i> S.G. Gmel. ex Hayek	Asteraceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Centaurea orientalis</i> L.	Asteraceae	<b>62C0</b> : ROSCI0057 Istrița Hill
<i>Centaurea pseudophrygia</i> C.A. Mey subsp. <i>pseudophrygia</i>	Asteraceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>8210</b> : ROSCI0283 Doftana Gorges, ROSCI0121 Vulcan Mountain
<i>Centaurea solstitialis</i> L. subsp. <i>solstitialis</i>	Asteraceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>62C0</b> : ROSCI0286 Colinele Elanului
<i>Centaurea stoebe</i> L.	Asteraceae	<b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0057 Istrița Hill
<i>Centaurea stoebe</i> L. var. <i>stoebe</i>	Asteraceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Centaurea tenuiflora</i> DC.	Asteraceae	<b>62C0</b> : ROSCI0057 Istrița Hill
<i>Centaurea triumfetti</i> All.	Asteraceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Centaureum pulchellum</i> (Sw.) Druce	Primulaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Cephalaria transylvanica</i> (L.) Roem. et Schult.	Dipsacaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Cephalaria uralensis</i> (Murray) Roem. et Schult.	Dipsacaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu
<i>Cerastium alpinum</i> L. subsp. <i>lanatum</i> (Lam.) Asch. et Graebn.	Caryophyllaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Cerastium arvense</i> L.	Caryophyllaceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Cerastium fontanum</i> Baumg. subsp. <i>fontanum</i>	Caryophyllaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Cerastium glomeratum</i> Thuill.	Caryophyllaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Chaerophyllum hirsutum</i> L.	Apiaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Chamaecytisus ciliatus</i> (Wahlenb.) Rothm. subsp. <i>ciliatus</i>	Fabaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Chelidonium majus</i> L.	Papaveraceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Chenopodium strictum</i> Roth	Chenopodiaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu

<i>Chondrilla juncea</i> L.	Asteraceae	<b>62C0:</b> ROSCI0117 Movila lui Burcel; <b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Cichorium intybus</i> L.	Asteraceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest; <b>62C0:</b> ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel, ROSCI0399 Suharău-Darabani; <b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>6520:</b> ROSCI0038 Ciucaș; <b>8210:</b> ROSCI0283 Doftana Gorges, ROSCI0121 Vulcan Mountain; <b>8220:</b> ROSCI0032 Rudăriei Gorges,
<i>Circaea lutetiana</i> L.	Onagraceae	<b>8220:</b> ROSCI0032 Rudăriei Gorges
<i>Cirsium alatum</i> (S.G. Gmel.) Bobrov	Asteraceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest
<i>Cirsium arvense</i> (L.) Scop.	Asteraceae	<b>6520:</b> ROSCI0038 Ciucaș
<i>Cirsium canum</i> (L.) All.	Asteraceae	<b>6510:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Cirsium furiens</i> Griseb. et Schenk.	Asteraceae	<b>6510:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Cirsium oleraceum</i> (L.) Scop.	Asteraceae	<b>6170:</b> ROSCI0038 Ciucaș; <b>8110:</b> ROSCI0208 Putna Vrancea, ROSCI0217 Retezat Mountains
<i>Cirsium pannonicum</i> (L. f.) Link	Asteraceae	<b>8210:</b> ROSCI0283 Doftana Gorges
<i>Cirsium serrulatum</i> (M. Bieb.) Fisch	Asteraceae	<b>62C0:</b> ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill
<i>Cirsium vulgare</i> (Savi) Ten.	Asteraceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest; <b>6510:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Clinopodium vulgare</i> L.	Lamiaceae	<b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0:</b> ROSCI0057 Istrița Hill; <b>6510:</b> ROSCI0045 Jiul Corridor; <b>8210:</b> ROSCI0121 Vulcan Mountain; <b>8220:</b> ROSCI0032 Rudăriei Gorges
<i>Conium maculatum</i> L.	Apiaceae	<b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Consolida regalis</i> S.F. Gray	Ranunculaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest; <b>62C0:</b> ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului
<i>Consolida regalis</i> S.F. Gray subsp. <i>regalis</i>	Ranunculaceae	<b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Convolvulus arvensis</i> L.	Convolvulaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest; <b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0:</b> ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului; <b>6510:</b> ROSCI0045 Jiul Corridor
<i>Conyza canadensis</i> (L.) Cronquist.	Asteraceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest; <b>62C0:</b> ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill; <b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Coronilla varia</i> L.	Fabaceae	<b>62C0:</b> ROSCI0399 Suharău-Darabani; <b>6510:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake, <b>6520:</b> ROSCI0038 Ciucaș; <b>8110:</b> ROSCI0208 Putna Vrancea; <b>8220:</b> ROSCI0032 Rudăriei Gorges
<i>Cortusa matthioli</i> L.	Primulaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains; <b>8210:</b> ROSCI0239 Târnovu Mare-Latorița
<i>Cotinus coggygria</i> Scop.	Anacardiaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest; <b>8220:</b> ROSCI0032 Rudăriei Gorges
<i>Crambe tataria</i> Sebeók	Brassicaceae	<b>62C0:</b> ROSCI0286 Colinele Elanului
<i>Crepis praemorsa</i> (L.) Walther	Asteraceae	<b>62C0:</b> ROSCI0057 Istrița Hill
<i>Crocus pallasii</i> Goedb.	Iridaceae	<b>62C0:</b> ROSCI0057 Istrița Hill
<i>Crocus reticulatus</i> Steven	Iridaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains
<i>Cuscuta epithymum</i> (L.) L. subsp. <i>epithymum</i>	Convolvulaceae	<b>8210:</b> ROSCI0283 Doftana Gorges
<i>Cynanchum acutum</i> L.	Asclepiadaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest
<i>Cynodon dactylon</i> (L.) Pers.	Poaceae	<b>62C0:</b> ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului; <b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Cynosurus cristatus</i> L.	Poaceae	<b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>6520:</b> ROSCI0038 Ciucaș
<i>Cystopteris fragilis</i> (L.) Bernh.	Aspleniaceae	<b>6520:</b> ROSCI0019 Călimani-Gurghiu, ROSCI0024 Ceahlău, ROSCI0124 Munții Maramureșului
<i>Cytisus nigricans</i> L.	Fabaceae	<b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Cytisus procumbens</i> (Waldst. et Kit.) Spreng.	Fabaceae	<b>8210:</b> ROSCI0226 Semenice-Cheile Carașului; <b>8220:</b> ROSCI0032 Rudăriei Gorges
<i>Dactylis glomerata</i> L.	Poaceae	<b>62C0:</b> ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel, ROSCI0399 Suharău-Darabani; <b>6520:</b> ROSCI0038 Ciucaș
<i>Datura stamonium</i> L.	Solanaceae	<b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Daucus carota</i> L.	Apiaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest; <b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0:</b> ROSCI0041 Coasta Rupturile Tănacului,

		ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel, ROSCI0399 Suharău-Darabani; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu; <b>8210</b> : ROSCI0283 Doftana Gorges, ROSCI0121 Vulcan Mountain
<i>Deschampsia cespitosa</i> (L.) Beauv.	Poaceae	<b>6170</b> : ROSCI0038 Ciucaș; <b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Dianthus barbatus</i> L. subsp. <i>compactus</i> (Kit.) Heuff.	Caryophyllaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Dianthus carthusianorum</i> L.	Caryophyllaceae	<b>6520</b> : ROSCI0038 Ciucaș; <b>8110</b> : ROSCI0069 Domogled-Valea Cernei
<i>Dianthus carthusianorum</i> L. subsp. <i>carthusianorum</i>	Caryophyllaceae	<b>62C0</b> : ROSCI0057 Istrița Hill, ROSCI0399 Suharău-Darabani
<i>Dianthus collinus</i> Waldst. et Kit.	Caryophyllaceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Dianthus giganteiformis</i> Borbás subsp. <i>giganteiformis</i>	Caryophyllaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Dianthus giganteus</i> D'Urv. subsp. <i>giganteus</i>	Caryophyllaceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Dianthus membranaceus</i> Borbás	Caryophyllaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0286 Colinele Elanului, ROSCI0399 Suharău-Darabani
<i>Dianthus superbus</i> L.	Caryophyllaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Dichanthium ischaemum</i> (L.) Roberty	Poaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel, ROSCI0399 Suharău-Darabani; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>8210</b> : ROSCI0283 Doftana Gorges
<i>Digitalis grandiflora</i> Mill.	Scrophulariaceae	<b>6520</b> : ROSCI0038 Ciucaș; <b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Dipsacus gmelinii</i> M. Bieb.	Dipsacaceae	<b>6510</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Dipsacus laciniatus</i> L.	Dipsacaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Dorycnium herbaceum</i> Vill.	Fabaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0057 Istrița Hill
<i>Dryas octopetala</i> L.	Rosaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Dryopteris filix-mas</i> (L.) Schott	Aspeniaceae	<b>6520</b> : ROSCI0038 Ciucaș; <b>8110</b> : ROSCI0069 Domogled-Valea Cernei
<i>Echinochloa crus-galli</i> (L.) Beauv.	Poaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>62C0</b> : ROSCI0286 Colinele Elanului; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Echinops sphaerocephalus</i> L.	Asteraceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Echium italicum</i> L.	Boraginaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Echium vulgare</i> L.	Lamiaceae	<b>8210</b> : ROSCI0121 Vulcan Mountain; <b>8220</b> : ROSCI0032 Rudăriei Gorges; <b>62C0</b> : ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Elaeagnus angustifolia</i> L.	Elaeagnaceae	<b>62C0</b> : ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Elymus repens</i> (L.) Gould.	Poaceae	<b>62C0</b> : ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Eragrostis minor</i> Host	Poaceae	<b>62C0</b> : ROSCI0286 Colinele Elanului; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Erigeron acris</i> L. subsp. <i>acris</i>	Asteraceae	<b>62C0</b> : ROSCI0057 Istrița Hill
<i>Erigeron annuus</i> (L.) Pers.	Asteraceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0057 Istrița Hill, ROSCI0399 Suharău-Darabani; <b>6520</b> : ROSCI0038 Ciucaș; <b>8210</b> : ROSCI0283 Doftana Gorges; <b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Erodium cicutarium</i> (L.) L' Hérit	Geraniaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6510</b> : ROSCI0045 Jiul Corridor; <b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Eryngium campestre</i> L.	Apiaceae	<b>62C0</b> : ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel, ROSCI0399 Suharău-Darabani; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>8210</b> : ROSCI0283 Doftana Gorges
<i>Erysimum hieracifolium</i> L.	Brassicaceae	<b>8210</b> : ROSCI0226 Semenice-Cheile Carașului
<i>Euphorbia cyparissias</i> L.	Euphorbiaceae	<b>62C0</b> : ROSCI0057 Istrița Hill, ROSCI0399 Suharău-Darabani; <b>6510</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>8110</b> : ROSCI0208 Putna Vrancea; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Euphorbia esula</i> L.	Euphorbiaceae	<b>6510</b> : ROSCI0045 Jiul Corridor

<i>Euphorbia stricta</i> L.	Euphorbiaceae	<b>6510</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Euphorbia villosa</i> Waldst. et Kit ex Willd. subsp. <i>villosa</i>	Euphorbiaceae	<b>62C0</b> : ROSCI0286 Colinele Elanului
<i>Euphrasia officinalis</i> L.	Scrophulariaceae	<b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Euphrasia stricta</i> D. Wolff ex J.F. Lehm. subsp. <i>stricta</i>	Scrophulariaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Fagus sylvatica</i> L.	Fagaceae	<b>6520</b> : ROSCI0038 Ciucaș; <b>8110</b> : ROSCI0208 Putna Vrancea
<i>Falcaria vulgaris</i> Bornh.	Apiaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0057 Istrița Hill, ROSCI0399 Suharău-Darabani; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Festuca gautieri</i> (Hack.) K. Richt subsp. <i>lutea</i> (Hack.) Ciocârlan	Poaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Festuca ovina</i> L. subsp. <i>ovina</i>	Poaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Festuca versicolor</i> Tausch	Poaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Filipendula vulgaris</i> Moench	Rosaceae	<b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Fragaria vesca</i> L.	Rosaceae	<b>8110</b> : ROSCI0217 Retezat Mountains
<i>Fraxinus excelsior</i> L.	Oleaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>8210</b> : ROSCI0226 Semenice-Cheile Carașului
<i>Fraxinus pennsylvanica</i> Marshall	Oleaceae	<b>8210</b> : ROSCI0226 Semenice-Cheile Carașului
<i>Galega officinalis</i> L.	Fabaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Galium flavescens</i> Borbás	Rubiaceae	<b>62C0</b> : ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill
<i>Galium humifusum</i> M. Bieb.	Rubiaceae	<b>62C0</b> : ROSCI0041 Coasta Rupturile Tănacului, ROSCI0286 Colinele Elanului, ROSCI0117 Movila lui Burcel; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Galium kitaibelianum</i> Schult. et Schult.	Rubiaceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Galium lucidum</i> All.	Rubiaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Galium mollugo</i> L.	Rubiaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Galium verum</i> L.	Rubiaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0286 Colinele Elanului
<i>Genista tinctoria</i> L.	Fabaceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Gentiana asclepiadea</i> L.	Gentianaceae	<b>6520</b> : ROSCI0038 Ciucaș; <b>8110</b> : ROSCI0217 Retezat Mountains; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Gentianopsis ciliata</i> (L.) Ma	Gentianaceae	<b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Geranium collinum</i> Stephan	Geraniaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Geranium dissectum</i> L.	Geraniaceae	<b>62C0</b> : ROSCI0057 Istrița Hill
<i>Geum montanum</i> L.	Rosaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Goniolimon besseranum</i> (Schult ex Rchb.) Kusn.	Plumbaginaceae	<b>62C0</b> : ROSCI0117 Movila lui Burcel
<i>Gymnocarpium dryopteris</i> (L.) Newman	Cystopteridaceae	<b>8210</b> : ROSCI0239 Târnovu Mare-Latorița
<i>Gymnocarpium robertianum</i> (Hoffm.) Newman	Aspleniaceae	<b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Gypsophila muralis</i> L.	Caryophyllaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Gypsophila petraea</i> (Baumg.) Rchb.	Caryophyllaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Hedera helix</i> L.	Araliaceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Helianthemum alpestre</i> (Jacq.) DC.	Cistaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Helianthemum nummularium</i> (L.) Mill. subsp. <i>obscurum</i> (Čelak.) Holub.	Cistaceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Helichrysum arenarium</i> (L.) Moench subsp. <i>arenarium</i>	Asteraceae	<b>62C0</b> : ROSCI0041 Coasta Rupturile Tănacului
<i>Heliotropium europaeum</i> L.	Boraginaceae	<b>62C0</b> : ROSCI0286 Colinele Elanului; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Heracleum palmatum</i> Baumg.	Apiaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Hibiscus trionum</i> L.	Malvaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănacului



<i>Hieracium aurantiacum</i> L.	Asteraceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Hippophaë rhamnoides</i> L.	Eleagnaceae	<b>62C0</b> : ROSCI0057 Istrița Hill; <b>8110</b> : ROSCI0208 Putna Vrancea
<i>Holcus lanatus</i> L.	Poaceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Holcus mollis</i> L.	Poaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Homogyne alpina</i> (L.) Cass.	Asteraceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Humulus lupulus</i> L.	Cannabaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Huperzia selago</i> (L.) Schrank et Mart	Lycopodiaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains, ROSCI0125 Rodna Mountains; <b>6170</b> : ROSCI0038 Ciucaș; <b>6520</b> : ROSCI0124 Munții Maramureșului
<i>Hypericum maculatum</i> Crantz subsp. <i>maculatum</i>	Hypericaceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Hypericum maculatum</i> Crantz.	Hypericaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Hypericum perforatum</i> L.	Hypericaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>8210</b> : ROSCI0226 Semenice-Cheile Carașului
<i>Hypochaeris uniflora</i> Vill	Asteraceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Impatiens noli-tangere</i> L.	Balsaminaceae	<b>6520</b> : ROSCI0038 Ciucaș; <b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Inula britannica</i> L.	Asteraceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0057 Istrița Hill; <b>8210</b> : ROSCI0283 Doftana Gorges
<i>Inula ensifolia</i> L.	Asteraceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Inula helenium</i> L.	Asteraceae	<b>8210</b> : ROSCI0283 Doftana Gorges
<i>Inula oculus-christi</i> L.	Asteraceae	<b>62C0</b> : ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill
<i>Iva xanthifolia</i> Nutt.	Asteraceae	<b>62C0</b> : ROSCI0286 Colinele Elanului
<i>Juglans regia</i> L.	Fagaceae	<b>62C0</b> : ROSCI0057 Istrița Hill; <b>6510</b> : ROSCI0131 Oltenița-Mostiște-Chiciu, ROSCI0045 Jiul Corridor; <b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Juncus trifidus</i> L.	Juncaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains; <b>8110</b> : ROSCI0217 Retezat Mountains
<i>Juncus trifidus</i> L. subsp. <i>trifidus</i>	Juncaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Knautia arvensis</i> (L.) J. M. Coult	Dipsacaceae	<b>62C0</b> : ROSCI0399 Suharău-Darabani; <b>6520</b> : ROSCI0038 Ciucaș
<i>Knautia dipsacifolia</i> Kreutzer subsp. <i>dipsacifolia</i>	Dipsacaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Knautia longifolia</i> (Waldst. et Kit.) W.D.J. Koch	Dipsacaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Knautia macedonica</i> Griseb.	Dipsacaceae	<b>62C0</b> : ROSCI0057 Istrița Hill
<i>Kohlruschia prolifera</i> (L.) Kunth.	Caryophyllaceae	<b>62C0</b> : ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill
<i>Lactuca saligna</i> L.	Asteraceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0057 Istrița Hill
<i>Lamium hybridum</i> Vill.	Lamiaceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Lamium purpureum</i> L.	Lamiaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiște-Chiciu
<i>Lapsana communis</i> L.	Asteraceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Lapsana communis</i> L. subsp. <i>communis</i>	Asteraceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Larix decidua</i> Mill.	Pinaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Laserpitium siler</i> L.	Brassicaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Lathyrus setifolius</i> L.	Fabaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Lathyrus tuberosus</i> L.	Fabaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest
<i>Lavatera thuringiaca</i> L.	Malvaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănașu
<i>Leontodon autumnalis</i> L. subsp. <i>autumnalis</i>	Asteraceae	<b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Leontopodium alpinum</i> Cass.	Asteraceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Leonurus cardiaca</i> L. subsp. <i>villosus</i> (Desf. ex D'Urv.) Hyl.	Lamiaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Leucanthemum vulgare</i> Lam.	Asteraceae	<b>6170</b> : ROSCI0038 Ciucaș; <b>8210</b> : ROSCI0121 Vulcan Mountain; <b>8220</b> : ROSCI0032 Rudăriei Gorges

<i>Linaria genistifolia</i> (L.) Mill.	Scrophulariaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu; <b>8110</b> : ROSCI0069 Domogled-Valea Cernei
<i>Linaria x kocianovicii</i> Asch.	Scrophulariaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Linum austriacum</i> L.	Linaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Linum extraaxillare</i> Kit.	Linaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Linum usitatissimum</i> L.	Linaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Lloydia serotina</i> (L.) Rehb.	Liliaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Loiseleuria procumbens</i> (L.) Desv.	Ericaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Lolium perenne</i> L.	Poaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6520</b> : ROSCI0038 Ciucaș
<i>Lotus corniculatus</i> L.	Fabaceae	<b>6170</b> : ROSCI0038 Ciucaș; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0399 Suharău-Darabani; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>8210</b> : ROSCI0283 Doftana Gorges
<i>Luzula campestris</i> (L.) DC.	Juncaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains; <b>6520</b> : ROSCI0038 Ciucaș
<i>Luzula luzuloides</i> (Lam.) Dandy et Willmott	Juncaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Luzula luzuloides</i> (Lam.) Dandy et Willmott subsp. <i>rubella</i> (Mert. Et W.D.J. Koch) Holub	Juncaceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Luzula pallidula</i> Kirschner	Juncaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Luzula sudetica</i> (Willd.) Schult.	Juncaceae	<b>8220</b> : ROSCI0217 Retezat Mountains
<i>Lychnis flos-cuculis</i> L.	Caryophyllaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Lycium barbarum</i> L.	Solanaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Lycopodium annotinum</i> L.	Lycopodiaceae	<b>8220</b> : ROSCI0217 Retezat Mountains
<i>Lycopodium clavatum</i> L.	Lycopodiaceae	<b>6150</b> : ROSCI0125 Rodna Mountains; <b>6520</b> : ROSCI0124 Munții Maramureșului; <b>8220</b> : ROSCI0124 Maramureș Mountains, ROSCI0217 Retezat Mountains
<i>Lysimachia punctata</i> L.	Primulaceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Lythrum salicaria</i> L.	Lythraceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Marrubium peregrinum</i> L.	Lamiaceae	<b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0286 Colinele Elanului, ROSCI0117 Movila lui Burcel; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Matricaria discoidea</i> DC.	Asteraceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Matricaria perforata</i> Mérat	Asteraceae	<b>6510</b> : ROSCI0045 Jiul Corridor; <b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Medicago falcata</i> L.	Fabaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel, ROSCI0399 Suharău-Darabani; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu; <b>8210</b> : ROSCI0283 Doftana Gorges
<i>Medicago lupulina</i> L.	Fabaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>6510</b> : ROSCI0045 Jiul Corridor
<i>Medicago sativa</i> L.	Fabaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0045 Jiul Corridor
<i>Melica ciliata</i> L.	Poaceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Melica ciliata</i> L. subsp. <i>ciliata</i>	Poaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Melilotus albus</i> Medik	Fabaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Melilotus officinalis</i> (L.) Lam.	Fabaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Mentha longifolia</i> L.	Lamiaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0057 Istrița Hill; <b>8210</b> : ROSCI0283 Doftana Gorges
<i>Mentha pulegium</i> L.	Lamiaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>8210</b> : ROSCI0283 Doftana Gorges
<i>Minuartia setacea</i> (Thuill.) Hayek	Caryophyllaceae	<b>62C0</b> : ROSCI0057 Istrița Hill
<i>Minuartia setacea</i> (Thuill.) Hayek subsp. <i>setacea</i>	Caryophyllaceae	<b>62C0</b> : ROSCI0117 Movila lui Burcel

<i>Minuartia verna</i> (L.) Hiern subsp. <i>collina</i> (Neilr.) Domin	Caryophyllaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Minuartia verna</i> (L.) Hiern.	Caryophyllaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Minuartia viscosa</i> (Schreb.) Schinz et Thell.	Caryophyllaceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Morus alba</i> L.	Moraceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0045 Jiul Corridor
<i>Mycelis muralis</i> (L.) Dumort.	Asteraceae	<b>6520</b> : ROSCI0038 Ciucaș; <b>8210</b> : ROSCI0226 Semenice-Cheile Carașului
<i>Myosotis arvensis</i> (L.) Hill.	Boraginaceae	<b>6510</b> : ROSCI0386 Vedea River
<i>Myosotis arvensis</i> (L.) Hill. subsp. <i>arvensis</i>	Caryophyllaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Myosotis nemorosa</i> Besser	Boraginaceae	<b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu
<i>Myosotis ramosissima</i> Rochel	Boraginaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Nardus stricta</i> L.	Poaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Nasturtium officinale</i> W.T. Aiton	Brassicaceae	<b>8210</b> : ROSCI0239 Târnovu Mare-Latorița
<i>Nepeta nuda</i> L.	Lamiaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest
<i>Nigella arvensis</i> L.	Ranunculaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Odontites luteus</i> (L.) Clairv.	Scrophulariaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Odontites vernus</i> (Bellardi) Dumort.	Scrophulariaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Odontites vulgaris</i> Moench	Scrophulariaceae	<b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu
<i>Onobrychis arenaria</i> (Kit.) DC.	Fabaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0286 Colinele Elanului
<i>Onobrychis viciifolia</i> Scop.	Fabaceae	<b>6170</b> : ROSCI0038 Ciucaș; <b>62C0</b> : ROSCI0057 Istrița Hill
<i>Ononis arvensis</i> L. subsp. <i>spinosiformis</i> (Simonk.) Ciocărlan	Fabaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Ononis spinosa</i> L.	Fabaceae	<b>62C0</b> : ROSCI0057 Istrița Hill; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Ononis spinosa</i> L. subsp. <i>spinosa</i>	Fabaceae	<b>62C0</b> : ROSCI0057 Istrița Hill
<i>Onopordum acanthium</i> L.	Asteraceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Onosma visianii</i> G. C. Clementi subsp. <i>visianii</i>	Boraginaceae	<b>62C0</b> : ROSCI0057 Istrița Hill
<i>Oreochloa disticha</i> (Wulfen) Link	Poaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Origanum vulgare</i> L.	Lamiaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0057 Istrița Hill; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Ornithogalum umbellatum</i> L.	Liliaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Oxalis acetosella</i> L.	Oxalidaceae	<b>8220</b> : ROSCI0217 Retezat Mountains
<i>Oxalis corniculata</i> L.	Oxalidaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Oxalis dillenii</i> Jacq.	Oxalidaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Oxyria digyna</i> (L.) Hill	Polygonaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Papaver rhoeas</i> L.	Papaveraceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0286 Colinele Elanului
<i>Parnassia palustris</i>	Parnassiaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Pastinaca sativa</i> L. subsp. <i>sylvestris</i> (Mill.) Rouy et EG. Camus	Apiaceae	<b>6510</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Phleum pratense</i> L.	Poaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains; <b>6170</b> : ROSCI0038 Ciucaș; <b>62C0</b> : ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Phlomis pungens</i> Willd. var. <i>pungens</i>	Lamiaceae	<b>62C0</b> : ROSCI0286 Colinele Elanului
<i>Phragmites australis</i> (Cav.) Steud.	Poaceae	<b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0057 Istrița Hill; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0045 Jiul Corridor, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Phyteuma confusum</i> A. Kern.	Campanulaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains; <b>6170</b> : ROSCI0038 Ciucaș
<i>Picea abies</i> (L.) H. Karst.	Pinaceae	<b>6520</b> : ROSCI0038 Ciucaș; <b>8220</b> : ROSCI0217 Retezat Mountains
<i>Picris hieracioides</i> L. subsp. <i>hieracioides</i>	Asteraceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake;

		<b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Picris hieracioides</i> L. subsp. <i>villarsii</i> (Jord.) Nyman	Asteraceae	<b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Pinus mugo</i> Turra	Pinaceae	<b>8220:</b> ROSCI0217 Retezat Mountains
<i>Plantago altissima</i> L.	Plantaginaceae	<b>62C0:</b> ROSCI0057 Istrița Hill
<i>Plantago gentianoides</i> Sibth. et Sm.	Plantaginaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains
<i>Plantago media</i> L.	Plantaginaceae	<b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>6510:</b> ROSCI0045 Jiul Corridor
<i>Poa angustifolia</i> L.	Poaceae	<b>6510:</b> ROSCI0045 Jiul Corridor; <b>8220:</b> ROSCI0032 Rudăriei Gorges
<i>Poa bulbosa</i> L.	Poaceae	<b>6510:</b> ROSCI0045 Jiul Corridor
<i>Poa media</i> Schur	Poaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains
<i>Poa nemoralis</i> L.	Poaceae	<b>8220:</b> ROSCI0032 Rudăriei Gorges
<i>Poa pratensis</i> L.	Poaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest; <b>6510:</b> ROSCI0045 Jiul Corridor
<i>Poa pumila</i> Host.	Poaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains
<i>Poa supina</i> Schrad.	Poaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains
<i>Polygala comosa</i> Schkuhr.	Polygalaceae	<b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Polygonum aviculare</i> L.	Polygonaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest; <b>62C0:</b> ROSCI0286 Colinele Elanului; <b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Polygonum bistorta</i> L.	Polygonaceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Polygonum viviparum</i> L.	Polygonaceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Polypodium vulgare</i> L.	Polypodiaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains; <b>6520:</b> ROSCI0124 Munții Maramureșului; <b>8210:</b> ROSCI0239 Târnovu Mare-Latorița; <b>8220:</b> ROSCI0217 Retezat Mountains, ROSCI0032 Rudăriei Gorges
<i>Polystichum braunii</i> (Spenn.) Fée	Polypodiaceae	<b>8220:</b> ROSCI0032 Rudăriei Gorges
<i>Populus nigra</i> L.	Salicaceae	<b>6510:</b> ROSCI0045 Jiul Corridor
<i>Populus x canescens</i> (Aiton) Sm. ( <i>P. alba</i> x <i>P. tremula</i> )	Salicaceae	<b>6510:</b> ROSCI0045 Jiul Corridor; <b>8110:</b> ROSCI0208 Putna Vrancea
<i>Portulaca oleracea</i> L.	Portulacaceae	<b>62C0:</b> ROSCI0286 Colinele Elanului; <b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Potentilla argentea</i> L. subsp. <i>argentea</i>	Rosaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest
<i>Potentilla erecta</i> (L.) Raeusch.	Rosaceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Potentilla reptans</i> L.	Rosaceae	<b>62C0:</b> ROSCI0286 Colinele Elanului
<i>Potentilla ternata</i> K. Koch	Rosaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains; <b>6170:</b> ROSCI0038 Ciucaș
<i>Primula elatior</i> (L.) Hill. subsp. <i>leucophylla</i> (Pax) H. Harrison ex W.W. Sm. et Fletcher	Primulaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains
<i>Primula minima</i> L.	Primulaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains, ROSCI0125 Rodna Mountains
<i>Prunella laciniata</i> (L.) L.	Lamiaceae	<b>8210:</b> ROSCI0283 Doftana Gorges, ROSCI0121 Vulcan Mountain
<i>Prunella vulgaris</i> L.	Lamiaceae	<b>6170:</b> ROSCI0038 Ciucaș; <b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0:</b> ROSCI0286 Colinele Elanului; <b>8210:</b> ROSCI0283 Doftana Gorges, ROSCI0121 Vulcan Mountain
<i>Prunus cerasifera</i> Ehrh. var. <i>cerasifera</i>	Rosaceae	<b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Pteridium aquilinum</i> (L.) Kuhn.	Blechnaceae	<b>8210:</b> ROSCI0121 Vulcan Mountain
<i>Pulsatilla micrantha</i> (DC.) Sweet	Rosaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains
<i>Quercus robur</i> L.	Fagaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest
<i>Ranunculus bulbosus</i> L.	Ranunculaceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Ranunculus crenatus</i> Waldst. et Kit.	Ranunculaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains
<i>Ranunculus montanus</i> Willd. subsp. <i>pseudomontanus</i> (Schur) Ciocârlan	Ranunculaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains
<i>Ranunculus neapolitanus</i> Ten.	Ranunculaceae	<b>6510:</b> ROSCI0045 Jiul Corridor

<i>Ranunculus repens</i> L.	Ranunculaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Rapistrum perenne</i> (L.) All.	Brassicaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0286 Colinele Elanului
<i>Reseda lutea</i> L.	Resedaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>62C0</b> : ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel
<i>Rhinanthus rumelicus</i> Velen.	Scrophulariaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Rhinantus minor</i> L.	Scrophulariaceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Rhododendron kotschyi</i> Simonkai	Ericaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains, ROSCI0125 Rodna Mountains
<i>Robinia pseudacacia</i> L.	Fabaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0045 Jiul Corridor; <b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Rorippa palustris</i> (L.) Besser	Brassicaceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Rorippa sylvestris</i> (L.) Besser	Brassicaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Rubus idaeus</i> L.	Rosaceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Sagina nodosa</i> (L.) Fenzl	Caryophyllaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Salix caprea</i> L.	Salicaceae	<b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Salix fragilis</i> L.	Salicaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Salix purpurea</i> L.	Salicaceae	<b>8210</b> : ROSCI0226 Semenice-Cheile Carașului
<i>Salsola kali</i> L. subsp. <i>ruthenica</i>	Chenopodiaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Salvia glutinosa</i> L.	Lamiaceae	<b>6520</b> : ROSCI0038 Ciucaș; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Salvia pratensis</i> L. subsp. <i>pratensis</i>	Lamiaceae	<b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel, ROSCI0399 Suharău-Darabani; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Salvia transilvanica</i> (Schur ex Griseb.) Schur	Lamiaceae	<b>62C0</b> : ROSCI0057 Istrița Hill
<i>Salvia verticillata</i> L.	Lamiaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>8210</b> : ROSCI0283 Doftana Gorges, ROSCI0121 Vulcan Mountain
<i>Sambucus ebulus</i> L.	Caprifoliaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu; <b>8110</b> : ROSCI0208 Putna Vrancea
<i>Saponaria officinalis</i> L.	Caryophyllaceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Saxifraga corymbosa</i> Boiss.	Saxifragaceae	<b>8210</b> : ROSCI0239 Târnovu Mare-Latorița
<i>Saxifraga cuneifolia</i> L. subsp. <i>robusta</i> D.A. Webb	Saxifragaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Saxifraga moschata</i> Wulfen	Saxifragaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Saxifraga paniculata</i> Mill.	Saxifragaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Saxifraga pedemontana</i> All. subsp. <i>cymosa</i> Engler	Saxifragaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Scabiosa argentea</i> L.	Dipsacaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest
<i>Scabiosa columbaria</i> L.	Dipsacaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Scabiosa columbaria</i> L. subsp. <i>banatica</i> (Waldst. Et Kit) Diklić	Dipsacaceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Scabiosa columbaria</i> L. subsp. <i>columbaria</i>	Dipsacaceae	<b>6520</b> : ROSCI0038 Ciucaș; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Scabiosa ochroleuca</i> L.	Dipsacaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Scleranthus uncinatus</i> Schur.	Caryophyllaceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Scorzonera rosea</i> Waldst. et Kit.	Asteraceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Sedum alpestre</i> Vill.	Crassulaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains; <b>6170</b> : ROSCI0038 Ciucaș

<i>Sedum atratum</i> L.	Crassulaceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Sedum dasyphyllum</i> L.	Crassulaceae	<b>8220:</b> ROSCI0032 Rudăriei Gorges
<i>Senecio carpaticus</i> Herb.	Asteraceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains
<i>Senecio doria</i> L.	Asteraceae	<b>62C0:</b> ROSCI0041 Coasta Rupturile Tănacului
<i>Senecio erraticus</i> Bertol.	Asteraceae	<b>62C0:</b> ROSCI0041 Coasta Rupturile Tănacului
<i>Senecio erucifolius</i> L.	Asteraceae	<b>62C0:</b> ROSCI0057 Istrița Hill; <b>6510:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Senecio germanicus</i> Wallr.	Asteraceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Senecio glaberrimus</i> (Rochel) Simonk.	Asteraceae	<b>6520:</b> ROSCI0024 Ceahlău; <b>8110:</b> ROSCI0217 Retezat Mountains
<i>Senecio paludosus</i> L.	Asteraceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Senecio vernalis</i> Waldst. et Kit.	Asteraceae	<b>6510:</b> ROSCI0045 Jiul Corridor
<i>Seseli libanotis</i> (L.) W.D.J. Koch subsp. <i>intermedium</i> (Rupr.) P.W. Ball	Apiaceae	<b>8210:</b> ROSCI0226 Semenice-Cheile Carașului
<i>Seseli libanotis</i> (L.) W.D.J. Koch subsp. <i>libanotis</i>	Apiaceae	<b>8210:</b> ROSCI0121 Vulcan Mountain
<i>Sesleria bielzii</i> Schur	Poaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains
<i>Sesleria heufleriana</i> Schur	Poaceae	<b>6170:</b> ROSCI0038 Ciucaș
<i>Setaria viridis</i> (L.) Beauv.	Poaceae	<b>6510:</b> ROSCI0045 Jiul Corridor
<i>Setaria viridis</i> (L.) Beauv. subsp. <i>viridis</i>	Poaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest; <b>62C0:</b> ROSCI0286 Colinele Elanului
<i>Silene conica</i> L.	Caryophyllaceae	<b>6510:</b> ROSCI0045 Jiul Corridor
<i>Silene nemoralis</i> Waldst. et Kit.	Caryophyllaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest
<i>Sisymbrium polymorphum</i> (Murray) Roth	Brassicaceae	<b>62C0:</b> ROSCI0286 Colinele Elanului
<i>Solanum dulcamara</i> L.	Solanaceae	<b>8220:</b> ROSCI0032 Rudăriei Gorges
<i>Soldanella major</i> (Neilr.) Vierh.	Primulaceae	<b>6150:</b> ROSCI0122 Făgăraș Mountains, ROSCI0125 Rodna Mountains
<i>Solidago virgaurea</i> L.	Asteraceae	<b>8110:</b> ROSCI0217 Retezat Mountains
<i>Solidago virgaurea</i> L. subsp. <i>virgaurea</i>	Asteraceae	<b>62C0:</b> ROSCI0057 Istrița Hill
<i>Sonchus arvensis</i> L.	Asteraceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest; <b>62C0:</b> ROSCI0286 Colinele Elanului; <b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Stachys germanica</i> L.	Lamiaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest
<i>Stachys officinalis</i> (L.) Trevis	Lamiaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest, <b>6240:</b> ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>8210:</b> ROSCI0283 Doftana Gorges, ROSCI0121 Vulcan Mountain
<i>Stachys recta</i> L.	Lamiaceae	<b>62C0:</b> ROSCI0117 Movila lui Burcel
<i>Stachys recta</i> L. subsp. <i>arenariiformis</i> (Rouy) Răvărut	Lamiaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest
<i>Stachys recta</i> L. subsp. <i>recta</i>	Lamiaceae	<b>62C0:</b> ROSCI0041 Coasta Rupturile Tănacului; <b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Stellaria media</i> (L.) Vill.	Caryophyllaceae	<b>6510:</b> ROSCI0045 Jiul Corridor
<i>Stellaria palustris</i> Ehrh. ex Hoffm.	Caryophyllaceae	<b>6520:</b> ROSCI0038 Ciucaș
<i>Stipa capillata</i> L.	Poaceae	<b>40C0:</b> ROSCI0151 Gârboavele Forest; <b>62C0:</b> ROSCI0041 Coasta Rupturile Tănacului, ROSCI0117 Movila lui Burcel; ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill
<i>Tamarix ramosissima</i> Ledeb.	Tamaricaceae	<b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Tanacetum millefolium</i> (L.) Tzvelev	Asteraceae	<b>8210:</b> ROSCI0226 Semenice-Cheile Carașului
<i>Tanacetum vulgare</i> L.	Asteraceae	<b>62C0:</b> ROSCI0286 Colinele Elanului
<i>Taraxacum officinale</i> Weber ex F. H. Wigg.	Asteraceae	<b>6510:</b> ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0045 Jiul Corridor
<i>Taraxacum serotinum</i> (Waldst. et Kit.) Fisch	Asteraceae	<b>62C0:</b> ROSCI0041 Coasta Rupturile Tănacului, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel
<i>Telekia speciosa</i> (Schreb.) Baumg.	Asteraceae	<b>8220:</b> ROSCI0032 Rudăriei Gorges

<i>Teucrium chamaedrys</i> L.	Lamiaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Teucrium montanum</i> L.	Lamiaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Teucrium polium</i> L.	Lamiaceae	<b>62C0</b> : ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel
<i>Thymus balcanus</i> Borbás	Lamiaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Thymus longicaulis</i> C. Presl. subsp. <i>longicaulis</i>	Lamiaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Thymus pannonicus</i> All. subsp. <i>auctus</i> (Lyka) Soó	Lamiaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest
<i>Thymus pulcherrimus</i> Schur	Lamiaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains; <b>6170</b> : ROSCI0038 Ciucaș
<i>Thymus pulegioides</i> L.	Lamiaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Thymus pulegioides</i> L. subsp. <i>pulegioides</i>	Lamiaceae	<b>8210</b> : ROSCI0283 Doftana Gorges; <b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Tordylium maximum</i> L.	Apiaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest
<i>Torilis ucranica</i> var. <i>ucranica</i> Spreng. in Roem et Schult.	Apiaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest
<i>Tragopogon dubius</i> Scop.	Asteraceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Tribulus terrestris</i> L.	Zygophyllaceae	<b>62C0</b> : ROSCI0286 Colinele Elanului; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Trifolium alpestre</i> L.	Fabaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Trifolium arvense</i> L.	Fabaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>6170</b> : ROSCI0038 Ciucaș; <b>62C0</b> : ROSCI0286 Colinele Elanului; <b>6510</b> : ROSCI0045 Jiul Corridor, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Trifolium campestre</i> Schreb.	Fabaceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest
<i>Trifolium medium</i> L.	Fabaceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Trifolium pratense</i> L.	Fabaceae	<b>6170</b> : ROSCI0038 Ciucaș; <b>62C0</b> : ROSCI0057 Istrița Hill
<i>Trifolium pratense</i> L. subsp. <i>pratense</i> var. <i>expansum</i> (Waldst. Et Kit.) Hausskn.	Fabaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Trifolium repens</i> L.	Fabaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Trifolium rubens</i> L.	Fabaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Trigonella monspeliaca</i> L.	Fabaceae	<b>62C0</b> : ROSCI0286 Colinele Elanului
<i>Trisetum macrotrichum</i> Hack.	Poaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Turgenia latifolia</i> (L.) Hoffm.	Apiaceae	<b>6510</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Tussilago farfara</i> L.	Asteraceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains; <b>62C0</b> : ROSCI0057 Istrița Hill; <b>6520</b> : ROSCI0038 Ciucaș; <b>8110</b> : ROSCI0208 Putna Vrancea, ROSCI0217 Retezat Mountains
<i>Ulmus minor</i> Mill.	Ulmaceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Urtica dioica</i> L.	Urticaceae	<b>8110</b> : ROSCI0208 Putna Vrancea, ROSCI0217 Retezat Mountains; <b>8220</b> : ROSCI0032 Rudăriei Gorges; <b>6150</b> : ROSCI0122 Făgăraș Mountains; <b>6170</b> : ROSCI0038 Ciucaș; <b>62C0</b> : ROSCI0286 Colinele Elanului; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0045 Jiul Corridor, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Vaccinium myrtillus</i> L.	Empetraceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Valeriana montana</i> L.	Valerianaceae	<b>8210</b> : ROSCI0239 Târnovu Mare-Latorița
<i>Valerianella dentata</i> (L.) Pollich	Valerianaceae	<b>6510</b> : ROSCI0386 Vedea River
<i>Veratrum album</i> L.	Liliaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Verbascum phlomoides</i> L.	Scrophulariaceae	<b>62C0</b> : ROSCI0117 Movila lui Burcel
<i>Verbascum speciosum</i> Schrad.	Scrophulariaceae	<b>8220</b> : ROSCI0032 Rudăriei Gorges
<i>Verbena officinalis</i> L.	Verbenaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake; <b>62C0</b> : ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu; <b>8210</b> : ROSCI0283 Doftana Gorges
<i>Veronica austriaca</i> L.	Scrophulariaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake

<i>Veronica orchidea</i> Crantz	Scrophulariaceae	<b>62C0</b> : ROSCI0057 Istrița Hill
<i>Veronica serpyllifolia</i> L.	Scrophulariaceae	<b>6520</b> : ROSCI0038 Ciucaș
<i>Veronica spicata</i> L. subsp. <i>spicata</i>	Scrophulariaceae	<b>6240</b> : ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Vicia angustifolia</i> L. subsp. <i>angustifolia</i>	Fabaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Vicia grandiflora</i> Scop. subsp. <i>grandiflora</i>	Fabaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Vicia hirsuta</i> (L.) S.F. Gray	Fabaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Vicia lathyroides</i> L.	Fabaceae	<b>6510</b> : ROSCI0045 Jiul Corridor
<i>Vincetoxicum hirundinaria</i> Medik.	Asclepiadaceae	<b>8210</b> : ROSCI0121 Vulcan Mountain
<i>Viola biflora</i> L.	Violaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Viola dacica</i> Borbás	Violaceae	<b>6150</b> : ROSCI0122 Făgăraș Mountains
<i>Viola declinata</i> Waldst et Kit.	Violaceae	<b>6170</b> : ROSCI0038 Ciucaș
<i>Xanthium italicum</i> Moretti	Asteraceae	<b>62C0</b> : ROSCI0286 Colinele Elanului
<i>Xanthium spinosum</i> L.	Asteraceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>62C0</b> : ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake
<i>Xanthium strumarium</i> L.	Asteraceae	<b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu
<i>Xeranthemum annuum</i> L.	Asteraceae	<b>40C0</b> : ROSCI0151 Gârboavele Forest; <b>62C0</b> : ROSCI0286 Colinele Elanului, ROSCI0057 Istrița Hill, ROSCI0117 Movila lui Burcel, ROSCI0399 Suharău-Darabani; <b>6510</b> : ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake

The pressures taken into account in this study are A01-conversion of landscape in agricultural field, A08-mowing of meadows, A09, A10-intensive and extensive grazing, B27-changes in hydrological conditions, E01-road infrastructure, F07-tourism and recreational activities, F09-storage of household and recreational waste, F18-atmospheric pollution caused by residential and recreational activities, I01- invasive alien plant species of Community interest (\*\*\*. EEA, 2018a). The conservation measures considered for this study are following: CA01-the prevention of the habitats conversion into agricultural land, CA05-the adaptation of mowing, grazing, etc so that to conserve species and habitats, CB14-management of drainage and irrigation so that do not affect species and habitats, CE01-the mitigation of the transport and its infrastructure impact on species and habitats, CF03-the mitigation of the impact of recreational and all the other type of leisure on species and habitats, CF06-the mitigation or cessation impact of atmospheric pollution on species and habitats, CI01-the prevention of the establishment of invasive alien species of Union Concern in the different type of habitats (\*\*\*. EEA 2018b). The conservation status was assessed according to an arbitrary scale represented by 1 (affected by anthropogenic impact or inadequate) and 2 (not affected by anthropogenic impact or favourable). Also, the trends were evaluated according to an arbitrary scale as follow: 1 (deteriorating), 2 (improving), and 3 (stable).

Relationships between species number and all variables considered in this study such as the conservation status of habitats (favourable and inadequate), anthropogenic pressures (A01, A08, A09, A10, B27, E01, F07, F09, F18, and I01), the corresponding conservation measures (CA01, CA05, CB14, CE01, CF03, CF06, CI01), and trends were performed based on Kendall Rank Order Coefficient ( $\tau$ ) DYTTHAM (2011).

## RESULTS

A total of 517 plant species were identified in the field (Table 1). The plant species were not affected by human activities such as intensive pastoral activities ( $\tau = 0.44$ ;  $p = 0.03$ ) and extensive pastoral activities ( $\tau = 0.54$ ;  $p = 0.009$ ). The number of plant species increased with conservation measure based on adaptation of mowing, grazing, etc so that to conserve species and habitats ( $\tau = 0.53$ ;  $p = 0.01$ ). No other significant results were obtained based on statistical analysis.

Romanian Sites of Community Importance were mostly identified within **alpine bioregions**: (ROSCI0019 Călimani-Gurghiu, ROSCI0024 Ceahlău, ROSCI0038 Ciucaș, ROSCI0121 Vulcan Mountain, ROSCI0122 Făgăraș Mountains, ROSCI0124 Maramureșului Mountains, ROSCI0208 Putna Vrancea, ROSCI0217 Retezat Mountains, ROSCI0239 Târnovu Mare-Latorița), followed by **continental bioregions** (ROSCI0032 Rudăriei Gorges, ROSCI0041 Coasta Rupturile Tănaçu, ROSCI0045 Jiul Corridor, ROSCI0057 Istrița Hill, ROSCI0069 Domogled-Valea Cernei, ROSCI0099 Știucilor-Sic-Puini-Bonțida Lake, ROSCI0117 Movila lui Burcel, ROSCI0283 Doftana Gorges, ROSCI0386 Vedea River, ROSCI0399 Suharău-Darabani and **steppic bioregions** (ROSCI0131 Oltenița-Mostiștea-Chiciu, ROSCI0151 Gârboavele Forest, ROSCI0286 Colinele Elanului).



The most habitat types were identified within **alpine bioregions** (6150-Siliceous alpine and boreal grasslands, 6170-Alpine and subalpine calcareous grasslands, 6520-Mountain hay meadows, 8110-Siliceous scree of the montane to snow levels (*Androsacetalia alpinae* and *Galeopsietalia ladani*), 8210-Calcareous rocky slopes with chasmophytic vegetation, 8220-Siliceous rocky slopes with chasmophytic vegetation), followed by **continental bioregions** (6240-Sub Pannonic steppic grasslands, 6510-Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*) and **steppic bioregions** (40C0-Ponto-Sarmatic deciduous thickets, 62C0-Ponto-Sarmatic steppes).

## DISCUSSIONS

Pastoral activity is a common traditional human activity taking place within lowland and highland protected areas from Romania. Within this study, neither intensive nor extensive grazing has negatively affected the number of plant species from studied habitats. This finding could be supported by a controlled grazing within protected areas in the studied habitats and also their favorable conservation status. The controlled grazing in the studied area is subjected to conservation measure based on the adaptation of intensive and extensive grazing so to conserve for long time the habitats and their species diversity. According to the EU conservation status, the studied rocky habitats (8110, 8210, 8220) have a favourable status during 2013-2018 (\*\*\*. EEA, 2019h; \*\*\*. EEA, 2019i; \*\*\*. EEA, 2019j). With the exception of two habitat types such as 40C0 and 6240 which have a poor conservation status (\*\*\*. EEA, 2019a; \*\*\*. EEA, 2019e), all the other studied habitats have a favorable conservation status (\*\*\*. EEA, 2019b; \*\*\*. EEA, 2019c; \*\*\*. EEA, 2019d; \*\*\*. EEA, 2019f; \*\*\*. EEA, 2019g). Although other anthropogenic pressures than intensive and extensive grazing have been observed in the studied protected areas, no significantly impact of all these anthropic activities on plant species was obtained due to an efficient management of these protected sites. The traditional activities have an important role for plant species in the context of their diversity and conservation (SHUMILOVSKIKH et al., 2021).

## CONCLUSIONS

Generally, the anthropogenic activities have not negatively affected the plant species from studied habitats. In spite of intensive and extensive grazing, the habitats and their plant species are positively influenced due to an adequate management supported by a favorable conservation status of investigated habitats.

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