

Field practicals April 2022

approximate species lists of plants **updated**

green day (S part of Zemplén Mts)

Erdőbénye, pasture

scattered trees:

Quercus petraea

Sorbus torminalis

wind-dispersed, spreading trees:

Carpinus betulus

Betula pendula

Populus tremula

grasses:

Anthoxanthum odoratum

Festuca pseudovina

forbs:

Rumex acetosella

Viscaria vulgaris

Saxifraga bulbifera

Viola canina

Veronica chamaedrys

Veronica officinalis

Orchis morio

Potentilla erecta

Fragaria vesca

Myosotis stricta

Scleranthus annuus

gully:

Crataegus monogyna

Rosa canina

Rhamnus catharticus

lichens in gully:

Cladonia rangiformis

Dibaeis baeomyces

Erdőbénye, creek

Alnus glutinosa

Ranunculus repens

Mentha aquatica

Ranunculus ficaria

Urtica dioica

Oxalis stricta

Chrysosplenium alternifolium

Angelica sylvestris

Erdőbénye, Mulató (Revelry) Hill

steppe forbs:

Pulsatilla zimmermanii

Seseli osseum

Peucedanum oreoselinum

Potentilla arenaria

Falcaria vulgaris

Pimpinella saxifraga

Sedum acre

Sedum album

Sedum sexangulare

Sedum maximum

Verbascum phoeniceum

Salvia pratensis

Euphorbia cyparissias

Thymus sp.

Teucrium chamaedrys

Iris pumila

Iris variegata

Centaurea sadleriana

Lactuca perennis

Fragaria viridis

Achillea setacea

Eryngium campestre

Aster linosyris

[other characteristic and rare forbs in the region:

Aster oleifolius

Iris aphylla subsp. *hungarica*

Astragalus dasanthus

Limodorum abortivum

Himantoglossum jankae

Orchis tridentata

Kochia prostrata

Glaucium corniculatum]

grasses:

Festuca sulcata

Koeleria cristata

Poa bulbosa

Stipa pulcherrima

Stipa joannis

Cleistogenes serotina
[*Agropyron pectinatum*]
Botriochloa ischaemum

shrubland:

Rosa spinosissima
Cerasus fruticosa
Amygdalus nana
[*Spiraea media*]

bushy forest:

Quercus pubescens
Cerasus mahaleb
Rosa canina
Crataegus monogyna
Rhamnus catharticus
Acer tataricum
Pyrus nivalis

Black day (Nyírség region, Létavértes)

sand dunes north of Létavértes

grasses:

Cynodon dactylon
Festuca vaginata
Corynephorum canescens
Digitaria ischaemum
Festuca pseudovina

other monocots:

Holoschenus romanus
Carex stenophylla
Carex supina
Carex praecox
Calamagrostis epigeios

forbs (spring annuals):

Erophila verna
Spergula pentandra
Holosteum umbellatum
Cerastium semidecandrum
Minuartia viscosa
Veronica verna
Veronica triphyllos
Veronica dillenii
Myosotis stricta
Vicia lathyroides
Valerianella locusta

forbs (summer annuals):

Anthemis ruthenica
Crepis tectorum
Scleranthus annuus
Silene conica
Conyza canadensis
Plantago indica
Ambrosia artemisiifolia

forbs (perennials):

Euphorbia cyparissias
Eryngium campestre
Hieracium pilosella
Crepis rheadifolia
Chondrilla juncea
Hypochaeris radicata
Silene otites
Pulsatilla flavescens
Dianthus arenarius
Dianthus pontederiae

ferns:

Equisetum ramosissimum
Equisetum arvense

bryophytes:

Brachythecium albicans
Tortula ruralis
Polytrichum piliferum
Polytrichum juniperinum
Ceratodon purpureus

lichens:

Cladonia rangiformis
Cladonia furcata subsp. subrangiformis
Cladonia convoluta
Cladonia magyarica
Xanthoparmelia pulvinaris
Xanthoparmelia pokornyii
Diploschistes muscorum

educational trail on the fen

further details:

<https://www.hnp.hu/hu/szervezeti-egyseg/turizmus/oldal/daru-lap-tanosveny>
translation uploaded to e-learning

ferns:

Thelypteris palustris
Athyrium filix-femina
Dryopteris carthusiana

shrubs and trees:

Salix cinerea
Frangula alnus
Salix alba
Salix fragilis
Populus alba
Populus canescens
Acer negundo

monocots:

Phragmites australis
Calamarostis canescens
Carex appropinquata
Carex elata
Carex paniculata
Carex pseudocyperus

dicots:

Menyanthes trifoliata
Urtica kioviensis
Rorippa amphibia
Hottonia palustris
Sium erectum
Circaea lutetiana
Filipendula ulmaria
Angelica palustris
Oenanthe aquatica
Solanum dulcamara
Echinocystis lobata
Phytolacca americana

Blue day (Hortobágy)

chrome-

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Szálkahalom (kurgan and salt influenced grasslands)

nitrophilous vegetation:

Lepidium perfoliatum

Lepidium ruderales

Cardaria (Lepidium) draba

Bromus sterilis

Capsella bursa-pastoris

Descurainia sophia

Matricaria discoidea

Matricaria maritima subsp. inodora

Carduus acanthoides

Sclerochloa dura

Onopordum acanthium

loess grassland grasses:

Festuca pseudovina

Poa angustifolia

Bromus inermis

Agropyron pectinatum

loess grassland forbs:

Salvia pratensis

Salvia austriaca

Salvia nemorosa

Filipendula vulgaris

Thalictrum minus

Galium verum

Silene viscosa

Daucus carota

Ononis spinosa

[Phlomis tuberosa]

eroded grassland with some salt

accumulation:

Festuca pseudovina

Achillea setacea

Hortobágy river (in village)

Phragmites australis

Typha latifolia

Glyceria maxima

Hydrocharis morsus-ranae

Potamogeton perfoliatum

Achillea asplenifolia

Carex stenophylla

Artemisia santonicum

Artemisia pontica

Cynodon dactylon

Eryngium campestre

Cerastium dubium

Limonium gmelini

Podospermum canum

Inula britannica

[Lepidium cartilagineum]

shallow salty depressions:

Camphorosma annua

Puccinellia limosa

Matricaria (chamomilla) recucita

Spergularia salina

Plantago tenuiflora

Plantago maritima

Plantago schwarzenbergiana

Nostoc sp. (cyanobacterium)

deeper depressions (monocots):

Agrostis alba

Eleocharis palustris

Alopecurus geniculatus

Alopecurus pratensis

Beckmannia eruciformis

Phragmites australis

Bolboschoenus maritimus

Schoenoplectus tabernaemontani

Schoenoplectus lacustris

deeper depressions (dicots):

Ranunculus repens

Ranunculus scellaratus

Ranunculus laterifolius

woody:

Acer negundo

Amorpha fruticosa

Fraxinus angustifolia

Red day (partly Nyírség, partly Bereg)

Bakta forest (Baktalórántháza, sand dunes, part of Nyírség region)

woody species including shrubs:

Quercus robur
Carpinus betulus
Cerasus avium
Padus serotina
Acer campestre
Acer platanoides

forest monocots:

Convallaria majalis
Polygonatum odoratum
Carex sylvatica
Gagea lutea
Galanthus nivalis
Brachypodium sylvaticum
Dactylis polygama

forest dicots:

Corydalis solida
Alliaria petiolata
Chelidonium majus
Veronica chamaedrys
Asperula odorata
Viola cyanea
Ajuga reptans
Campanula persicifolia
Geranium robertianum
Anemone ranunculoides
Stellaria holostea
Dentaria bulbifera
Galeobdolon luteum
Phytolacca americana
Salvia glutinosa

Csaroda village (dead arm by the church, Bereg region)

woody species:

Fraxinus angustifolia subsp. *pannonica*
Ulmus laevis
Salix cinerea
Amorpha fruticosa

forbs:

Rorippa amphibia

Symphytum officinale
Pulmonaria mollis

monocots:

Carex acutiformis
Carex riparia
Carex hirta
Glyceria maxima

Rókás pasture (near Túrístvándi, Bereg region)

old trees:

Quercus robur
Pyrus pyraeaster

lichens on trees:

Parmelia sulcata
Parmelina tiliacea
Evernia prunastri
Hypogymnia physodes
Pseudevernia furfuracea

shrubs:

Crataegus monogyna
Prunus spinosa
Rosa canina

monocots:

Carex acutiformis
Carex riparia
Carex distans
Carex hirta
Iris pseudacorus
Alopecurus pratensis
Festuca pseudovina

forbs:

Viola arvensis
Euphorbia lucida
Ranunculus acris
Lychnis flos-cuculi
Cardamine pratensis
Stellaria graminea
Fragaria viridis
Galium verum

