

IMPORTANT PLANT PROTECTED AREA FROM OLTENIA

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SUMMARY

In the present work two important areas of plant protection in Oltenia are presented, areas which require special protection taking into consideration their situation at the outskirts of living areas, and also close to national highways crossing these sites.

1. "The *Narcissus poeticus* subsp. *Radiiflorus* lawn" is situated in Călnic, approximately 30 km from Târgul Jiu municipality, at the same level as the Getic Piemont. In the Northern part the subcarpathians hills and the mountains can be noticed. The researched area is situated along the Jaleș brook, which belongs to the Juncului Valley. The valey has a mosaic-like aspect due to the climate, the agriculture and of the zoo anthropogenous impact. The habitat presents great floristic and vegetation diversity.

2. "Cetate from the Danube Deltameadow" is situated in the Danube plain, at a rather low altitude. The relief is hilly, covered with arid meadows used for grazing. In the Western part of the territory there is a private property which also includes a pond. Around it, and on the left side of the national highway, there are bushes where the *Convolvulus elegantissimus* species is present in numerous exemplaries.

In order to study these sites, numerous field trips were effectuated during different vegetation periods in order to see all phases and to have a complete floristic list. The information obtained on the site were compared to the ones found in the specific literature. The botanical importance of the first site is given by the presence of several rare species in the Romanian flora, included also in the national red lists (*Eleocharis carniolica*, *Peucedanum rochelianum*). The attraction of these meadows is given by the *Narcissus poeticus* subsp. *Radiiflorus* species, European taxon threatened, which, when blooming, gives the meadows a nice aspect.

The second site is of a special botanical importance, because here it's the only place in Oltenia where the *Convolvulus elegantissimus* species can be found. It is represented in xeric meadows of *Dasyphyrum villosum*, *Bromus tectorum*, *Festuca valesiaca* etc.

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