



Primorsko-goranska županija

**Priroda**

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PRIMORSKO-GORANSKA ŽUPANIJA - Općina Mrkopalj/ COUNTY OF PRIMORJE AND GORSKI KOTAR - Municipality of Mrkopalj

# CRET/ MIRE SUNGERSKI LUG

■ Projekt revitalizacije creta s močvarnim zmijincem započeo je 2009. godine donacijom Zaklade Tomo Hovatinčić. / The project to revitalize the mire with bog arum was started in 2009 with a donation by the Tomo Hovatinčić Foundation.



Vlasac/ Common hair moss (Polytrichum commune)

HRV

GODINA UVRŠTENJA U NACIONALNU EKOLOŠKU MREŽU: 2007.  
NADMORSKA VISINA: oko 780 m

FLORA: mahovi tresetari (Sphagnum spp.), mahovina vlasac (Polytrichum commune), močvarni zmijinac (Calla palustris), blijedožučkasti šaš (Carex brizoides), obični sit (Juncus effusus)

FAUNA: pauči, živородna gušterica (Lacerta vivipara), šumske ptice - sova jastrebača (Strix uralensis), siva žuna (Picus canus) i brojne druge vrste

VEGETACIJA: acidofilna šuma jele i paprati rebrače (Blechno-Abietetum), preostaci vegetacije prijelaznog creta

POSEBNE ZANIMLJIVOSTI: lokve i depresije u šumi obrasle mahovinama i šaševima u kojima se dugo zadržava voda, bogatstvo svijeta šumskih gljiva

ENG

YEAR OF INCLUSION IN THE NATIONAL ECOLOGICAL NETWORK: 2007  
ALTITUDE: approximately 780 m

FLORA: peat moss (Sphagnum spp.), common hair moss (Polytrichum commune), bog arum (Calla palustris), quaking grass sedge (Carex brizoides), common rush (Juncus effusus)

FAUNA: spiders, viviparous lizard (Lacerta vivipara), forest birds - Ural owl (Strix uralensis), grey-headed woodpecker (Picus canus) and numerous other species

VEGETATION: acidophilic fir forest with hard fern (Blechno-Abietetum); remnants of transition mire vegetation

## PREDLOŽENA KATEGORIJA ZAŠTITE:

spomenik prirode - botanički

POVRŠINA CRETA: oko 0,5 ha

POLOŽAJ: na području općine Mrkopalj

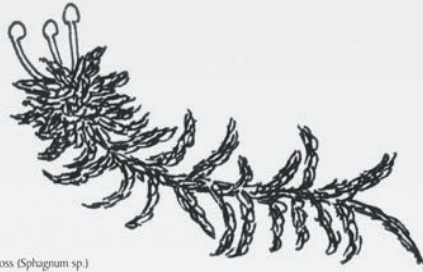
## RECOMMENDED CATEGORY OF PROTECTION:

botanical nature monument

AREA OF THE MIRE: approximately 0.5 ha

LOCATION: in the area of the Municipality of Mrkopalj

SPECIAL FEATURES: pools and depressions in the forest, in which water accumulates and which become overgrown with mosses and sedges; variety of forest mushrooms



Mah tresetar/ Peat moss (Sphagnum sp.)



Zaleđeni cret zimi/ Frozen mire in winter

Na svega nekoliko mjesta u Gorskom kotaru možemo doživjeti tamne crnogorične šume srodne šumama dalekog sjevera (borealne šume tipa tajge). Sjeverozapadno od sela Sunger jedno je od takvih mjesta - bajkovita crnogorična šuma smreka i jela Sungerski lug. U šumi su kao svojevrsna zanimljivost brojna manja udubljena nalik ponikvama, od kojih neka predstavljaju male prijelazne cretove. Udubljena su u proljeće često poplavljena, a ljeti voda uglavnom presuši. Neke od njih obrasta mah tresetar (Sphagnum spp.) koji poput spužve (»sunger«) upija znatne količine vode, čineći stanište stalno vlažnim i omogućujući preživljavanje nekih od najrjeđih biljnih vrsta Hrvatske.

HRV

JESTE LI ZNALI?

- Cretom označavamo močvarno mjesto s obiljem mahovina na kojemu odumrli biljni ostaci stvaraju treset.
- U Sungerskom lugu pronađene su tri svojeve mahove tresetara (Sphagnum fimbriatum, Sphagnum papillosum i Sphagnum recurvum var. mucronatum), rijetke u Hrvatskoj.
- Jedna od depresija u Sungerskom lugu jedino je u Hrvatskoj poznato i preostalo stanište kritično ugrožene vrste močvarnog zmijinca (Calla palustris), zbog čega je područje potrebno zaštititi.
- Močvarni zmijinac predstavlja sjevernjački (borealni) relikv, ostatak iz doba kad je klima bila hladnija.



Mah tresetar/ Peat moss (Sphagnum sp.)



Močvarni zmijinac/ Bog arum (Calla palustris)

There are only a few places in the Gorski kotar area where we can find dark coniferous forests related to those in the far north (boreal taiga-type forests). One such place is located north-west of the village of Sunger - the magical coniferous fir and spruce forest of Sungerski lug. This forest features numerous small depressions similar to sinkholes, some of which represent small transition mires. These depressions are often flooded in spring, but mostly dried up in summer. Some of them are overgrown with peat moss (Sphagnum spp.), which soaks up significant amounts of water like a sponge, making this habitat permanently moist, enabling the survival of some of the rarest plant species in Croatia.

ENG

DID YOU KNOW?

- Mire is a type of wetland with plenty of mosses, on which dead plant material deposits peat.
- Three species of peat moss (Sphagnum fimbriatum, Sphagnum papillosum, and Sphagnum recurvum var. mucronatum), which are rare in Croatia, have been found around Sungerski lug.
- One of the depressions in the area of Sungerski lug is Croatia's only known and remaining habitat of the critically endangered species bog arum (Calla palustris), which is why this area needs to be protected.
- Bog arum is a northern (boreal) relict from a colder age in Croatia.



Imajte na umu da kretanjem po cretu možete negativno utjecati na njegov živi svijet i prirodne procese. Čuvajmo ovu prirodnu rijetkost, jedinstvenu u Hrvatskoj!

Please bear in mind that walking on the mire can have a negative impact on its plant and animal life, as well as its natural processes. Please help protect this natural rarity, unique in Croatia!

## AKTIVNOSTI koje mogu imati negativne učinke na cret ACTIVITIES that can have a negative impact on the mire

1. Branje biljaka / Gathering plants 2. Preterano kretanje, gaženje i zadržavanje na cretu / Excessive moving around or staying on the mire 3. Mijenjanje vodnog režima koje nije u skladu s dobrobiti osobitih stanišnih prilika na cretu (primjerice ubacivanje grana, trupaca, piljevine i ostalog materijala) / Changing the water regime, which might negatively influence specific conditions in the mire habitat (such as throwing in branches, logs, sawdust etc.) 4. Pošumljavanje / Afforestation 5. Odlaganje smeća / Dumping rubbish

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Priroda (the Croatian word for Nature) is the County's public institution dedicated to protecting, maintaining and promoting protected areas. Anyone damaging the natural environment in these areas should be reported immediately to our Ranger service on 00385-91-1352-400.