



Short communication

THE INSECTS SPECIES IN MONTENEGRO PROTECTED ON THE NATIONAL LEVEL AND THE SPECIES FROM THE EMERALD LIST

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SYNOPSIS

Key words:

insects,
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In this paper the protected insects species at the national level in Montenegro and rare, endangered and protected insects in Montenegro from Emerald list are presented.

The protected insect species in Montenegro are: *Formica rufa* L., *Oryctes nasicornis* L., *Lucanus cervus* L., *Papilio machaon* L., *Papilio podalirius* L., *Papilio alexanor* Esp., *Parnassius apollo* L., *Conocephalus ebneri* Hartz, *Saga natoliae* (Serv.), *Saga pedo* (Pallas), *Luciola novaki* Muller, *Rosalia alpina* L.

The species from the Emerald list in Montenegro are: *Buprestes splendens*, *Cerambyx cerdo*, *Lucanus cervus*, *Morinus funereus*, *Osmoderma eremita*, *Rosalia alpina*, *Callimorpha quadripunctaria*, *Eriogaster catax*, *Euphidrias aurinia*, *Hypodrias maturna*.

This work also has some data on the distribution, ecological characteristics, status and measure of protection.

Table 1: The species with protecting and endemic status with CORINE and NATURA habitats present in Montenegro.

Species	status of endemics	IUCN	CORINE	HABITATS (NATURA)
<i>Lucanus cervus</i> L.		V	41,44	submediterranean rest of beech-oak woods.
<i>Oryctes nasicorni</i> L.		V	41,44	North part of the Rumija mountain with small rests of oak woods.
<i>Papilio machaon</i> L.		V	38	Valley of the rivers Zeta, Cijevna, Morača, Mrtvica

<i>Papilio alexanor</i> Esp.		V	32-34	North part of the Skadar Lake (known as literature data, only).
<i>Ipchiclides podalirius</i> L.		V	32,34,38	Valley of the rivers Zeta, Cijevna, Morača, Mrtvica
<i>Parnassius Apollo</i> L.		R	36,61,62	Mountain Durmitor
<i>Formica rufa</i> L.		V	42,41	Conifer forests (Orjen, Kolašin - Dulovine)
<i>Conocephalus ebneri</i> Hartz	Endem of Adriatic coast.	R	14, 15	Šasko Lake
<i>Saga pedo</i> Pallas		V	84	Antropogenic habitats of the Adriatic coast
<i>Saga natoliae</i> (Serv.)		V	41, 44	South parts of Rumija Mtn in the rest of old oak woods.
<i>Luciola novaki</i> Muller	Endem of Adriatic coast and submediterranean part of Montenegro	E (EX)	14, 15	Bar
<i>Rosalia alpina</i> (Linne)		E	41, 44	Light forests in the middle part of Montenegro.

Table 2: The species from Emerald list present in Montenegro with localities and protected status on national level.

species	localities	Status of protection at the national level	IUCN	BERN II, III
<i>Buprestes splendens</i>	Durmitor, Ljubišnja, Rožaje		EN	
<i>Cerambyx cerdo</i>	Ulcinj, Boka Kotorska		EN	II
<i>Lucanus cervus</i>	Radovići, Skadar Lake (Limljani)	protected	VU	III
<i>Morimus funereus</i>	Biogradska gora			
<i>Osmoderma eremita</i>	Radovići		EN	II
<i>Rosalia alpina</i>	Lisa, Komovi	protected	EN	II
<i>Callimorpha quadripunctaria</i>	Tara Canyon			
<i>Eriogaster catax</i>	Bistrica			II
<i>Euphidryas aurinia</i>	Dobrilovina, Durmitor			II
<i>Hypodrias maturna</i>	Durmitor		EN	II

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