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Amphibian fauna of Nature park "Žumberak–samoborsko gorje"

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During 2002, twenty two days were spent collecting data in the Nature Park "Žumberak – Samoborsko gorje". The aims were to identify the sites suitable for breeding of Amphibians as well as Amphibian species present. A total of 45 sites and 10 Amphibian species were recorded. Sites have been divided in 4 habitat types: naturally formed ponds, artificially contained ponds (i.e. walled), watering pond for cattle and small temporary ponds. Habitat selection of each species were compared based on their presence in each of these categories. Each species was also investigated regarding their activity on breeding sites and the presence of the species depending on the altitude. The similarity between 14 systematically observed sites has been calculated by Sørensen index of similarity.

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Fauna vodozemaca (*Amphibia*) Parka Prirode "Žumberak–samoborsko gorje"

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Tijekom 2002. godine na području Parka prirode "Žumberak – Samoborsko gorje" obavljena su 22 terenska dana, kako bi se utvrdili lokaliteti pogodni za razmnožavanje vodozemaca te vrste vodozemaca koje na njima dolaze. Ukupno je zabilježeno 45 lokaliteta i 10 vrsta vodozemaca. Lokaliteti su razvrstani u 4 tipa staništa: lokve, zidane lokve, pojila i privremene lokvice. Na osnovu te podijele uspoređivana je prisutnost i brojnost te odabir staništa pojedinih vrsta vodozemaca. Također su uspoređivana razdoblja aktivnosti pojedinih vrsta na mrijestilištima te prisutnost vrsta u ovisnosti o nadmorskoj visini istraživanih lokaliteta. Sørensenovim indeksom sličnosti brojčano su određene sličnosti između 14 sustavno promatranih lokaliteta.