



Univerza v Mariboru

Fakulteta za naravoslovje
in matematiko

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Izbrana poglavja iz taksonomije živali
Course title:	Selected Topics in Animal Taxonomy

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Doktorski študij Ekološke znanosti, 3. stopnja		1. ali 2.; 1st or 2nd	1. 2. ali 3. ; 1st, 2nd or 3rd
Doctoral Study Ecological Sciences, 3rd degree			

Vrsta predmeta / Course type

Univerzitetna koda predmeta / University course code:

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Lab. vaje Laboratory work	Terenske vaje Field work	Samost. delo Individ. work	ECTS
5				5	140	5

Nosilec predmeta / Lecturer:

Jeziki / Predavanja / Lectures:
Languages: Vaje / Tutorial:

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:

Prerequisites:

Vsebina:

Content (Syllabus outline):

Študentje vežbajo ustrezen opis taksona na izbranem primeru.

Temeljni literatura in viri / Readings:

Council Biol. Editors, 2002: Scientific style and format. Council Biol. Editors, Chicago.

- International Commission of Zoological Nomenclature, 1999: Nomenclature: International code of zoological nomenclature. Tipografia La Garangola, Padova.
- International Commission of Zoological Nomenclature, 2006: Standards, Sense and Stability for Animal Names in Science. <http://www.iczn.org/>
- Kluge N., 2006: Principles of Nomenclature of Zoological taxa. - <http://www.bio.pu.ru/win/entomol/KLUGE/zoo-name.htm>
- Izbrani clanki iz revij/selected articles from: Cladistics, Molecular Phylogenetics and Evolution itd./etc.

Cilji in kompetence:

- Študenti se podrobno seznanijo s konceptom taksonov, zlasti biotske vrste
- Podrobno se seznanijo s pravili opisovanja novih taksonov po ICZN
- Usposobijo se za ustrezen opis taksona

Objectives and competences:

- Students learn in detail the concept of taxa, especially of the biospecies
- Students get advanced knowledge of ICZN rules of description of new taxa
- Students get skills of the describing a taxon

Predvideni študijski rezultati:

Znanje in razumevanje

- Študent dobi podroben pregled nad definicijami, pomenom in pomembnostjo ustreznega opisovanja taksonov
- Podrobno se seznanijo s principi in pravili opisovanja taksonov v zoologiji po ICZN
- Usposobi se za znanstveno primerno opisovanje taksonov

Prenesljive/ključne spretnosti in drugi atributi

- Študent se usposobi za znanstveno ustrezno opisa taksona

Intended learning outcomes:

Knowledge and Understanding:

- Student get an advanced overview on the definitions, meaning and importance of appropriate descriptions of taxa
- Student learn in detail about the principles and rules of describing taxa in zoology according to the ICZN
- He/she qualifies for scientifically appropriate describing of taxa

Transferable/Key Skills and other attributes:

- Student qualifies for scientifically appropriate describing of taxa

Metode poučevanja in učenja:

- Predavanja
- Seminar

Learning and teaching methods:

- Lectures
- Seminar

Načini ocenjevanja:	Delež (v %) / Weight (in %)	Assessment:
• Projekt	• Projekt 100 %	• Project

Reference nosilca / Lecturer's references:

NOVAK, Tone, PERC, Matjaž, LIPOVŠEK DELAKORDA, Saška, JANŽEKVIČ, Franc. Duality of terrestrial subterranean fauna. *International journal of speleology*, ISSN 0392-6672, 2012, vol. 41, no. 2, str. 181-188, doi: 10.5038/1827-806X.41.2.5. [COBISS.SI-ID 19061512]

NOVAK, Tone, JANŽEKVIČ, Franc, LIPOVŠEK DELAKORDA, Saška. Contribution of non-troglobiotic terrestrial invertebrates to carbon input in hypogean habitats = Prispevek prezimujočih netroglobiontskih kopenskih nevretenčarjev k vnosu ogljika v podzemeljske habitate. *Acta carsologica*, ISSN 0583-6050, 2013, letn. 42, št. 2/3, str. 301-309, tabele. <http://ojs.zrc-sazu.si/carsologica/article/view/669/600>, doi: 10.3986/ac.v42i2-3.669. [COBISS.SI-ID 20238600]

LIPOVŠEK DELAKORDA, Saška, JANŽEKVIČ, Franc, NOVAK, Tone. Autophagic activity in the midgut gland of the overwintering harvestmen *Gyas annulatus* (Phalangidae, Opiliones). *Arthropod structure & development*, ISSN 1467-8039, 2014, str. 1-8, ilustr., doi: 10.1016/j.asd.2014.06.001. [COBISS.SI-ID 20696584]

NOVAK, Tone, ŠAJNA, Nina, ANTOLINC, Estera, LIPOVŠEK DELAKORDA, Saška, DEVETAK, Dušan, JANŽEKVIČ, Franc. Cold tolerance in terrestrial invertebrates inhabiting subterranean habitats. *International journal of speleology*, ISSN 0392-6672, 2014, vol. 43, no. 3, str. r39-r46. <http://dx.doi.org/10.5038/1827-806X.43.3.3>, doi: 10.5038/1827-806X.43.3.3. [COBISS.SI-ID 20595208]

NOVAK, Tone, KOZEL, Peter. *Hadzinia ferrani*, sp. n. (Opiliones: Nemastomatidae), a highly specialized troglobiotic harvestman from Slovenia. *Zootaxa*, ISSN 1175-5326, 2014, vol. 3841, no. 1, str. 135-145, ilustr. <http://biotaxa.org/Zootaxa/article/view/zootaxa.3841.1.8>, doi: 10.11646/zootaxa.3841.1.8. [COBISS.SI-ID 37430317]