



OPIS PREDMETA / SUBJECT SPECIFICATION

Predmet: Subject Title:	Izbrana poglavja iz taksonomije živali Selected Topics in Animal Taxonomy
-----------------------------------	--

Študijski program Study programme	Študijska smer Study field	Letnik Year	Semester Semester
Doktorski študij Ekološke znanosti / Doctoral Study Ecological Sciences		Izbirni 1 ali 2 ali 3	2 ali 3 ali 4 ali 5

Univerzitetna koda predmeta / University subject code:

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Lab. work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
5	5				140	5

Nosilec predmeta / Lecturer:

Jeziki / Languages:	Predavanja / Lecture:	<input type="text" value="slovenski / Slovenian"/>
	Vaje / Tutorial:	<input type="text" value="slovenski / Slovenian"/>

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

Poznavanje zoologije in biodiverzitete na ravni univerzitetnega programa

Vsebina:

Obravnavana so izbrana poglavja iz naslednjih sklopov.

Uvod v izbrana poglavja iz zootaksonomije obsega podrobnejše seznanjanje s konceptom taksonov, zlasti vrste, v zoologiji. Poudarek je na obravnavi biotske vrste. Pojasnjeni so normativi za opis novih taksonov, kriteriji za objavo novih taksonov in njihovo veljavnost. Sledi obravnava meril za pripravo slikovnega gradiva (shem, znanstvenih risb, fotografij, elektronskomikroskopskih mikrografij), primerne za objavo, ter obravnava primernih tekstovnih opisov taksonov po normativih ICZN. Dodatno so obravnavani vsebinsko, terminološko in jezikovno primerni opisi taksonov. Študentje vežbajo ustrezen opis taksona na izbranem primeru.

Prerequisites:

Knowledge of zoology and biodiversity at graduate level

Contents (Syllabus outline):

Selected topics in the following chapters are discussed.

The introduction into selected chapters in zoological taxonomy comprehends knowledge about the taxa concept, stressing the concept of biospecies. The norms and rules of describing new taxa, and the criteria for the validity of published taxa are discussed. The discussion focusing on suitable illustrations (schemes, scientific drawings, photographs, electron microphotographies), and an appropriate textual descriptions according to the rules of the ICZN follows. Additionally, the appropriate context, terminology and language are presented. An appropriate description of a taxon is trained on a selected case study.

Temeljni študijski viri / Textbooks:

- 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 članki iz revij/selected articles from: Cladistics, Molecular Phylogenetics and Evolution itd./etc.

Cilji:

- 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:

- 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 ustrežno 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:

- Projekt

Delež (v %) /
Weight (in %)

100 %

Assessment:

- Project

Materialni pogoji za izvedbo predmeta :

Predavalnica za Power Point predstavitev

Material conditions for subject realization

Lecture room with Power Point facilities

Obveznosti študentov:*(pisni, ustni izpit, naloge, projekti)*

Projekt: ponovni opis izbranega taksona in ustna predstavitev

Students' commitments:*(written, oral examination, coursework, projects):*

Project: redescription of a selected taxon and oral presentation