

Izbornom veću Biološkog fakulteta Univerziteta u Beogradu

Na V redovnoj sednici Izbornog veća Biološkog fakulteta Univerziteta u Beogradu, održanoj 07. marta 2014. godine, određeni smo u komisiju za **izbor redovnog profesora** sa užu naučnu oblast Morfologija, sistematika i filogenija životinja na Katedri za morfologiju, sistematiku i filogeniju životinja, Instituta za zoologiju, Biološkog fakulteta Univerziteta u Beogradu. Na konkurs, objavljen u listu Poslovi (broj 561 od 19. marta 2014. godine) za radno mesto nastavnika u zvanju redovnog profesora za užu naučnu oblast Morfologija, sistematika i filogenija životinja, prijavila se **dr Ana Ivanović**, vanredni profesor Biološkog fakulteta. Na osnovu podnesene dokumentacije i ličnog uvida u dosadašnji rad kandidatkinje, podnosimo sledeći:

I Z V E Š T A J

I. BIOGRAFIJA

Dr Ana Ivanović (prethodno udato prezime Dorović) rođena je u Beogradu, 1964. godine. Diplomirala je na Biološkom fakultetu Univerziteta u Beogradu 1989. godine. Poslediplomske studije na Katedri za uporednu morfologiju i sistematiku životinja Biološkog fakulteta Univerziteta u Beogradu upisala je školske 1989/90. godine. Magistarski rad odbranila je 1993. godine, a doktorsku disertaciju 1996. godine. Oba rada su u osnovi iz oblasti evolucione morfologije.

Od 1989. do 1999. godine dr Ana Ivanović bila je zaposlena na Institutu za zoologiju Biološkog fakulteta Univerziteta u Beogradu, prvo kao asistent-pripravnik, a zatim kao asistent. Od novembra 2000. godine, kao dobitnik stipendije za postdoktorske studije novozelandske fondacije za nauku i tehnologiju (Foundation of Research in Science and Technology), bila je zaposlena na Viktorija Univerzitetu u Velingtonu (School of Biological Sciences, Victoria University of Wellington). Decembra 2001. godine izabrana je u zvanje docent Biološkog fakulteta Univerziteta u Beogradu. U isto zvanje ponovo je izabrana 2007. godine, dok je u zvanje vanredni profesor izabrana 2009. godine.

NASTAVNI RAD

OSNOVNE NASTAVNE AKTIVNOSTI

UDŽBENIČKA LITERATURA (UDŽBENICI, SKRIPTA, PRAKTIKUMI):

OBJAVLJEN UDŽBENIK (M91)

Pre izbora u zvanje vanredni profesor:

Ivanović, A., Kalezić, M. (2009). Evoluciona morfologija: teorijske postavke i geometrijska morfometrija. Biološki fakultet, Beograd: 1-218, elektronsko izdanje. **20**

IZMENJENO I DOPUNJENO IZDANJE IZ KATEGORIJE M91 (M94)

Posle izbora u zvanje vanredni profesor:

Ivanović, A., Kalezić, M. (2013). Evoluciona morfologija: teorijske postavke i geometrijska morfometrija. Biološki fakultet, Beograd: 1-223 **6**

OBJAVLJEN PRAKTIKUM ILI POMOĆNI UDŽBENIK (M92)

Pre izbora u zvanje vanredni profesor:

Dorović, A., M. Kalezić (1997). Morfologija hordata. Praktikum. Biološki fakultet, Beograd: 1-103 **14**

MENTORSTVO/KOMENTORSTVO:

ODBRANJENA DOKTORSKA DISERTACIJA (M101):

Pre izbora u zvanje vanredni profesor:

Žikić, V. (2007). Morfološka studija parazitskih osa kompleksa *Ephedrus persicae* Frogatt 1904 (Hymenoptera: Braconidae: Aphidiinae). Doktorska disertacija. Biološki fakultet Univerziteta u Beogradu. Komentorstvo sa dr Željkom Tomanovićem. **6**

Krizmanić, I. (2008). Populacioni sistemi zelenih žaba (*Rana synklepton esculenta*), njihova distribucija i zaštita na području Republike Srbije. Doktorska disertacija. Biološki fakultet Univerziteta u Beogradu. **12**

Posle izbora u zvanje vanredni profesor:

Cvijanović, M. (2010). Evolucija velikih mrmoljaka *Triturus cristatus* superspecies (Salamandridae, Caudata): odlike životne istorije i ontogenija oblika. Doktorska disertacija. Biološki fakultet Univerziteta u Beogradu. **12**

Jojić, V. (2010) Održavanje B hromozoma u populacijama žutogrlog miša *Apodemus flavicollis* (Rodentia, Mammalia): Geometrijsko-morfometrijska analiza komponenti morfološke varijabilnosti. Doktorska disertacija. Biološki fakultet Univerziteta u Beogradu. Komentorstvo sa dr Jelenom Blagojević. **6**

Petrović, A. (2011). Genetička i morfološka varijabilnost osa *Aphidius urticae* s.str. grupe (Hymenoptera: Braconidae: Aphidiinae). Doktorska disertacija. Biološki fakultet Univerziteta u Beogradu. Komentorstvo sa dr Željkom Tomanovićem. **6**

Urošević, A. (2012). Polni dimorfizam glavenog skeleta lacertidnih guštera. Doktorska disertacija. Biološki fakultet Univerziteta u Beogradu. Komentorstvo sa dr Katarinom Ljubisavljević. **6**

ODBRANJENA MAGISTARSKA TEZA (M102):**Pre izbora u zvanje vanredni profesor:**

Jojić, V. (2005). Efekti B hromozoma na morfološku integraciju mandibule žutogrlog miša *Apodemus flavicollis*). Magistarski rad. Biološki fakultet Univerziteta u Beogradu. Komentorstvo sa dr Jelenom Blagojević. **4**

ODBRANJEN DIPLOMSKI RAD (M104)**Posle izbora u zvanje vanredni profesor:**

Maja Slijepčević (2011). Morfološka varijabilnost glavenog skeleta malih mrmoljaka (*Lissotriton* sp.): interspecijska varijabilnost, Biološki fakultet Univerziteta u Beogradu. **2**

Neva Škrabar (2012). Polni dimorfizam i morfološka varijabilnost glavenog skeleta malih mrmoljaka (*Lissotriton helveticus*, *L. montandoni*, *L. vulgaris*). Biološki fakultet Univerziteta u Beogradu. **2**

ODBRANJEN MASTER RAD

Jovanović, B. (2013). Pedomorfoza i morfološka varijabilnost skeleta ekstremiteta kod evrpskih mrmoljaka. Komentorstvo sa dr Milenom Cvijanović (IBISS), **2**

UČEŠĆE U KOMISIJAMA:**ZA ODBRANU DOKTORSKE DISERTACIJE (M111):****Pre izbora u zvanje vanredni profesor:**

Vukov, TD. (2009). Filogenetski odnosi velikih mrmoljaka, *Triturus cristatus* superspecies (Salamandridae, Caudata) na Balkanskom poluostrvu. Doktorska disertacija. Biološki fakultet Univerziteta u Beogradu. **4**

Posle izbora u zvanje vanredni profesor:

Sonja Đorđević (2012). Polni dimorfizam šumske kornjače (*Testudo hermanni*) centralnog dela Balkanskog poluostrva. Doktorska disertacija. Biološki fakultet Univerziteta u Beogradu. **4**

Ana Bogdanović (2012). Molekularna i morfološka karakterizacija vrsta iz kompleksa *Praon dorsale-yomenae* (Hymenoptera, Braconidae). Biološki fakultet, Univerzitet u Beogradu. **4**

Nataša Tomasević Kolarov (2013). Evolucija ekstremiteta velikih mrmoljaka (*Triturus cristatus* complex, Salamandridae, Caudata). Doktorska disertacija. Biološki fakultet Univerziteta u Beogradu. **4**

Ana Golubović (2014). „Funkcionalno-morfološke i etološke karakteristike šumske kornjače (*Testudo hermanni*)“. Doktorska disertacija. Biološki fakultet Univerziteta u Beogradu. **4**

ZA ODBRANU MAGISTARSKA TEZE (M112):**Pre izbora u zvanje vanredni profesor:**

Saša Marić (2002). Morfološka varijabilnost pastrmki (subfamilia Salmoninae) – značaj za biološku konzervaciju. Magistarski rad. Biološki fakultet Univerziteta u Beogradu. **3**

DRŽANJE NASTAVE NA KURSEVIMA (M120) (naziv, studijska grupa i broj semestara; sadašnje i ranije angažovanje – vreme trajanja):

Pre izbora u zvanje vanredni profesor:

Sa preuzetim nastavnim programom

1. **Uporedna morfologija Vertebrata** – osnovne studije (studijska grupa Molekularna biologija i fiziologija) – praktična nastava (1989 - 1999) **2**
2. **Uporedna morfologija Vertebrata** – osnovne studije (studijska grupa Molekularna biologija i fiziologija) – teorijska nastava (2001 - 2006) **2**
3. **Uporedna morfologija i sistematika Chordata** – osnovne studije (studijska grupa Opšta biologija) – praktična nastava (1990 - 1999) **2**
4. **Biologija odabranog taksona (vodozemci)** – osnovne studije (studijska grupa Biologija) (2001 – 2006) **2**
5. **Anatomija i morfologija životinja** – osnovne studije (2007 - 2011) **2**
6. **Specijalni kurs morfologije, sistematike i filogenije (vodozemci)** – doktorske studije (2006 -) **2**

Za koji je kandidat u potpunosti pripremio nastavni program

7. **Morfometrija** – doktorske studije (2006 -) **6**

Posle izbora u zvanje vanredni profesor:

Sa preuzetim nastavnim programom

1. **Anatomija i morfologija hordata** – osnovne studije (2012 -) **2**
2. **Biologija odabranog taksona 1 (batrahologija)** – master (od 2013 -) **2**
3. **Biologija odabranog taksona 2 (batrahologija)** – master (od 2013 -) **2**
4. **Specijalni kurs faunistike (batrahologija)** – master studije (od 2013 -) **2**
5. **Populaciona i evolucionarna biologija odabrane grupe (batrahologija)** – doktorske studije (2009 -) **2**
6. **Morfologija, sistematika i filogenija odabrane grupe** – doktorske studije (2009 -) **2**

Za koji je kandidat u potpunosti pripremio nastavni program

7. **Osteološke metode** – master studije (2009 - 2011) **6**
8. **Morfološke i anatomske adaptacije** – master studije (2009 – 2011) **6**
9. **Evolucionarna morfologija** – master studije (2012 -) **6**
10. **Evolucionarna morfologija - viši kurs** – doktorske studije (2009 -) **6**
11. **Morfometrija** – doktorske studije (2006 -) **6**

OSTALE NASTAVNE AKTIVNOSTI

UČEŠĆE U PEDAGOŠKOM RADU SA UČENICIMA SREDNJIH ŠKOLA:

Posle izbora u zvanje vanredni profesor:

Nikola Bajler, III beogradska gimnazija. 2012. Osvojeno drugo mesto na Republičkom takmečenju iz Biologije sa radom „Nepravilna taksonomija: u teoriji greška, u praksi istrebljenje”. **1**

Nikola Bajler, III beogradska gimnazija, 2013. osvojeno III mesto na dvadesetoj svetskoj konferenciji mladih naučnika – svetskom prvenstvu istraživačkih radova, BALI 2013, Indonezija, sa radom „Natural hybridization: crested newts in Serbia”. **1**

RECENZIJJE UDŽBENIKA KATEGORIJE M90:**Pre izbora u zvanje vanredni profesor**

Marić, S., Krizmanić, I., Tomović, Lj., Simonović, P. (2006): Uporedna morfologija Hordata – Praktikum (na CD-u). Biološki fakultet Univerziteta u Beogradu. **2**

Posle izbora u zvanje vanredni profesor

Dordjević, J. (2013). Fiziologija životinja, Biološki fakultet Univerziteta u Beogradu **2**

ANKETE STUDENATA:

Školska 2007-2008, Anatomija i morfologija životinja **4.19**

Školska 2008-2009, Anatomija i morfologija životinja **4.61**

Školska 2009-2010, Anatomija i morfologija životinja **4.50**

Školska 2010-2011, Anatomija i morfologija životinja **4.60**

Školska 2010-2011, Osteološke metode **4.98**

Školska 2011-2012, Anatomija i morfologija hordata **4.60**

Školska 2011-2012, Osteološke metode **4.98**

Školska 2012-2013, Anatomija i morfologija hordata **4.10**

NAUČNO-ISTRAŽIVAČKI RAD

OSNOVNE NAUČNE AKTIVNOSTI

RADOVI MEĐUNARODNOG ZNAČAJA:

M21

Pre izbora u zvanje vanredni profesor:

1. Jojić, V., Blagojević, J., Ivanović, A., Bugarski-Stanojević, V., Vujošević, M. (2007). Morphological integration of the mandible in the yellow-necked mice: the effects of B chromosomes. **Journal of Mammology** 88: 689-695. **8**
2. Ivanović, A., Vukov, T., Tomašević, N., Džukić, G., Kalezić, M.L. (2007). Ontogeny of skull size and shape changes within a framework of biphasic lifestyle: A case study in six *Triturus* species (Amphibia, Salamandridae). **Zoomorphology** 126: 173-183. **8**
3. Vukov, T.D., Ivanović, A., Tomašević, N., Džukić, G., M.L. Kalezić (2007). Braincase-body size relations in European newts (*Triturus* spp., Salamandridae, Caudata): does size matter? **Annales Zoologici Fennici** 44: 232-239. **8**
4. Ivanović, A., Sotiropoulos, K., Furtula, M., Džukić, G., Kalezić, M.L. (2008). Sexual size and shape evolution in European newts (Amphibia: Caudata: Salamandridae) on the Balkan Peninsula. **Journal of Zoological Systematics and Evolutionary Research** 46: 381-387. **8**
5. Ivanović, A., Tomašević, N., Džukić, G., Kalezić, M.L. (2008). Evolutionary diversification of the limb skeleton in crested newts (*Triturus cristatus* superspecies, Caudata, Salamandridae). **Annales Zoologici Fennici** 45: 527-535. **8**

Posle izbora u zvanje vanredni profesor:

6. Denoel, M., Ivanović, A., Džukić, G., Kalezić, M.L. (2009). Sexual size dimorphism in the evolutionary context of facultative paedomorphosis: insights from European newts. **BMC Evolutionary Biology** 2009 9: 278. **8**
7. Ljubisavljević, K., A. Urošević, I. Aleksić, A. Ivanović (2010). Sexual dimorphism of skull shape in lacertid lizard species (*Podarcis* spp., *Dalmatolacerta* sp., *Dinarolacerta* sp.) revealed by geometric morphometrics. **Zoology** 113: 168-174. **8**
8. Ivanović, A., Kalezić M. L. (2010). Testing the hypothesis of morphological integration on a skull of a vertebrate with a biphasic life cycle: a case study of the alpine newt. **Journal of Experimental Zoology Part B: Molecular and Developmental Evolution** 314B: 527-538. **8**
9. Ivanović, A., Cvijanović, M. Kalezić M. L. (2011). Ontogeny of body form and metamorphosis: insights from the crested newts. **Journal of Zoology** 283: 153-161. **8**
10. Tomašević-Kolarov, N., Ivanović, A., M. Kalezić M.L. (2011). Morphological integration and ontogenetic niche shift: A study of crested newt limbs. **Journal of Experimental Zoology Part B: Molecular and Developmental Evolution** 316: 296-305. **8**
11. Ivanović, A., Kalezić M.L (2012). Sexual dimorphism in the skull geometry of newt species (genera *Ichthyosaura*, *Triturus* and *Lissotriton*: Caudata, Salamandridae). **Zoomorphology** 131: 69-78. **8**

12. Ivanović, A., Sotiropoulos, K., Üzümlü, N., Džukić, G., Olgun, K., Cogălniceanu, D., Kalezić, M.L. (2012). A phylogenetic view on skull size and shape variation in the smooth newt (*Lissotriton vulgaris*, Caudata, Salamandridae). **Journal of Zoological Systematics and Evolutionary Research** 50: 116-124. 8
13. Urošević, A., Ljubisavljević, K., Jelić, D., Ivanović, A. (2012). Variation in the cranium shape of wall lizards (*Podarcis* spp.): effects of phylogenetic constraints, allometric constraints and ecology. **Zoology** 115: 207-16 8
14. Tomanović, Ž., Kos, K., Pertović, A., Stary, P., Kavallieratos, N.G., Žikić, V., Jaks, J., Trdan, S., Ivanović, A. (2013). The relationship between molecular variation and variation in the wing shape of three aphid parasitoid species: *Aphidius uzbekistanicus* Luzhetzki, *Aphidius rhopalosiphii* De Stefani Perez and *Aphidius avenaphis* (Fitch) (Hymenoptera: Braconidae: Aphidiinae). **Zoologischer Anzeiger** 252: 41-47. 8
15. Ivanović, A., Üzümlü, N., Wielstra, B., Olgun, K., Litvinchuk, S.N., Kalezić, M.L. Arntzen, J.W. (2013). Is mitochondrial DNA divergence of Near Eastern crested newts (*Triturus karelinii* group) reflected by differentiation of skull shape? **Zoologischer Anzeiger** 252: 269-277. 8
16. Urošević, A., Ljubisavljević, K., Ivanović, A. (2013). Patterns of cranial ontogeny in lacertid lizards: morphological and allometric disparity. **Journal of Evolutionary Biology** 26: 399-415. 8
17. Ivanović, A., T. Ajančić Gregor, Arntzen, J.W. (2013). Skull shape differentiation of black and white olms (*Proteus anguinus anguinus* and *Proteus a. parkelj*): an exploratory analysis with micro-CT scanning, **Contributions to Zoology** 82: 107-114. 8
18. Urošević, A., Ljubisavljević, K., Ivanović, A. (2014). Variation in skull size and shape of the common wall lizard (*Podarcis muralis*): allometric and non-allometric shape changes. **Contributions to Zoology** 83: 67-77. 8
19. Mitrovski-Bogdanović, A., Ž. Tomanović, M. Mitrović, A. Petrović, A. Ivanović, V. Žikić, P. Starý, C. Vorburger (2014). The *Praon dorsale-yomenae* s. str. complex (Hymenoptera, Braconidae, Aphidiinae): species discrimination using geometric morphometrics and molecular markers with description of a new species. **Zoologischer Anzeiger**, 253: 270-282. 8

M22

Pre izbora u zvanje vanredni profesor:

20. Kalezić, M.L., D. Cvetković, A. Djorović, G. Džukić (1996). Alternative life-history pathways: paedomorphosis and adult fitness in European newts (*Triturus vulgaris* and *T. alpestris*). **Journal of Zoological Systematics and Evolutionary Research** 34: 1-7. 5
21. Djorović, A., Kalezić, M.L. (2000). Paedogenesis in European newts (*Triturus*: Salamandridae): Cranial morphology during ontogeny. **Journal of Morphology** 243: 127-139. 5
22. Furtula, M., Ivanović, A., Džukić, G., Kalezić, M.L. (2008). Egg size variation in crested newts from the western Balkans (Caudata: Salamandridae: *Triturus cristatus* Superspecies). **Zoological Studies** 47: 585-590. 5

Posle izbora u zvanje vanredni profesor:

23. Žikić, V., Tomanović, Ž., Ivanović, A., Kavallieratos, N., Stary, P., Stanisavljevic, Lj., Rakhshani, E. (2009). Morphological Characterization of

Ephedrus persicae Biotypes (Hymenoptera: Braconidae: Aphidiinae) in the Palaearctic. **Annals of the Entomological Society of America** 102: 1-11.

24. Cvijanović, M., Ivanović, A., Tomašević-Kolarov, N., Džukić, G., Kalezić, M.L. (2009). Early ontogeny shows the same interspecific variation as natural history parameters in the crested newt (*Triturus cristatus* superspecies) (Caudata, Salamandridae). **Contributions to Zoology** 78: 43-50.
25. Ivanović, A., Sotiropoulos, K., Džukić, G., Kalezić, M.L. (2009). Skull size and shape variation versus molecular phylogeny: a case study of alpine newts (*Mesotriton alpestris*, Salamandridae) from the Balkan Peninsula. **Zoomorphology** 128:157-167.
26. Kos, K., Pertović, A., Stary, P., Kavallieratos, N.G., Ivanovic, A., Tos Eveski I., Jaks, J., Trdan, S., Tomanović, Ž. (2011). On the Identity of Cereal Aphid Parasitoid Wasps *Aphidius uzbekistanicus*, *Aphidius rhopalosiphi*, and *Aphidius avenaphis* (Hymenoptera: Braconidae: Aphidiinae) by Examination of COI Mitochondrial Gene, Geometric Morphometrics, and Morphology. **Ann. Entomol. Soc. Am.** 104: 1221-1232.
27. Mitrovski Bogdanović, A., A. Petrović, M. Mitrović, A. Ivanović, V. Žikić, P. Stary, V. Christoph, Ž. Tomanović (2013). Identification of Two Cryptic Species Within the *Praon abjectum* Group (Hymenoptera: Braconidae: Aphidiinae) Using Molecular Markers and Geometric Morphometrics (Article). **Ann. Entomol. Soc. Am.** 106: 170-180.
28. Ivanović, A., Cvijanović, M., Denoel, M., Slijepčević, M., Kalezić, M.L. (2014). Paedomorphosis and the pattern of intra- and interspecific variation in cranial skeleton: lessons from European newts (*Ichthyosaura alpestris* and *Lissotriton vulgaris*). **Zoomorphology**, in press, DOI 10.1007/s00435-013-0202-7.
29. Mitrovski Bogdanović, A., Ivanović, A., Tomanović, Ž., Žikić, V., Stary, P., Kavallieratos, N. (2009) Sexual dimorphism in *Ephedrus persicae* (Hymenoptera: Braconidae: Aphidiinae): Intraspecific variation in size and shape. **Canadian-Entomologist**, 141: 550-560.

M23

Pre izbora u zvanje vanredni profesor:

30. Kalezić, M.L., D. Cvetković, A. Djorović, G. Džukić (1994). Paedomorphosis and differences in life-history traits of two neighbouring crested newt (*Triturus carnifex*) populations. **The Herpetological Journal**, 4: 151-159.
31. Cvetković, D., M.L. Kalezić, A. Djorović, G. Džukić (1996). The crested newt (*Triturus carnifex*) in Submediterranean: reproductive biology, body size and age. **Italian Journal of Zoology**, 63: 107-111.
32. Kalezić, M.L., A. Djorović (1998). Life history dependent sexual size dimorphism in the crested newt (*Triturus carnifex*, Caudata). **Folia-Zoologica**, 474: 317-319.
33. Ivanović, A., M. L. Kalezić, I. Aleksić (2005). Morphological integration of cranium and postcranial skeleton during ontogeny of paedomorphic European newts (*Triturus vulgaris* and *T. alpestris*). **Amphibia-Reptilia**, 26: 485-495.
34. Ivanović, A., M. L. Kalezić (2005). Paedomorphosis and developmental stability in European newts (*Triturus* spp: Salamandridae): Ontogenetic aspect. **Italian Journal of Zoology**, 72: 265-270.

35. Ljubisavljević, K., Polović L., Ivanović A (2008). Sexual size and shape differences of the mosor rock lizard (*Dinarolacerta mososrensis*, Kolombatović (1886) Squamata: Lacertidae) a case study of the Lovćen mountain population (Montenegro). **Arch. Biol. Sci.**, Belgrade. 60: 279-288. **3**
36. Ivanović, A., Sotiropoulos, K., Vukov, T.D., Eleftherakos, K., Džukić, G., Polymeni, R.M., Kalezić, M.L. (2008). Cranial shape variation and molecular phylogenetic structure of crested newts (*Triturus cristatus* superspecies: Caudata, Salamandridae) in the Balkans. **Biological Journal Linnean Society** 95: 348-360. **3**

Posle izbora u zvanje vanredni profesor:

37. Aleksić, I., Ivanović, A., Crnobrnja-Isailović, J., Kalezić, M.L. (2009) Sex size and shape differences in the lacertid community (*Podarcis* spp. and *Archaeolacerta* sp.) from the Lake Skadar region (Montenegro). **Italian Journal of Zoology**, 76: 43-52. **3**
38. Furtula, M., Todorović, B., Simić, V., Ivanović, A. (2009) Interspecific differences in early life-history traits in crested newts (*Triturus cristatus* superspecies, Caudata, Salamandridae) from the Balkan Peninsula. **Journal of Natural History**, 43: 469-477. **3**
39. Krizmanić, I., Ivanović, A. (2010). Population systems of the *Pelophylax esculentus* complex in the southern part of its range. **Folia Zoologica**, 59: 214-221. **3**
40. Žikić, V., Tomanović, Ž., Kavallieratos, N. G., Starý, P., Ivanović, A. (2010) Does allometry account for shape variability in *Ephedrus persicae* Froggatt (Hymenoptera: Braconidae: Aphidiinae) parasitic wasps? **Organisms Diversity and Evolution**, 10: 373-380. **3**
41. Ljubisavljević, K., Polović L., Urošević, A., Ivanović A. (2011). Patterns of morphological variation in the skull and cephalic scales of the lacertid lizard *Algyroides nigropunctatus*. **The Herpetological Journal**, 21: 65-72. **3**
42. Ivanović, A., Arntzen, J.W. (2014). The evolution of skull and body shape in *Triturus* newts reconstructed from 3D morphometric data and phylogeny. **Biological Journal Linnean Society**, u štampi. **3**

M23a

Pre izbora u zvanje vanredni profesor:

43. Džukić, G., M.L. Kalezić, N.Tvrtković, A. Djorović (1990). An overview of the occurrence of paedomorphosis in Yugoslav newt (*Triturus*, Salamandridae) populations. **British Herpetological Society Bulletin**, 34: 16-22. **2**
44. Kalezić, M.L., J. Crnobrnja, A. Djorović, G. Džukić (1992). Sexual size difference in *Triturus* newts: geographical variation in Yugoslav populations. **Alytes**. 10: 63-80. **2**
45. Djorović, A., M.L. Kalezić (1996). Paedomorphosis and morphometric variability: ontogenetic allometry in European newts (*Triturus*, Amphibia). **Spixiana**, Munchen 19: 315-326. **2**
46. Kalezić, M.L., G. Džukić, A. Djorović, I. Aleksić (2000). Body size, age and sexual dimorphism in the genus *Salamandra*: a study case of the Balkan species. **Spixiana**, Berlin 23: 283-292. **2**
47. Wilcox P.L., Richardson T.E., Corbett G.E., Ball R.D., Lee J.R., Djorovic A., Carson S.D., (2001). Framework linkage maps of *Pinus radiata* D. Don based on pseudotestcross markers. **For. Genet.**, 8: 109-117. **2**

Posle izbora u zvanje vanredni profesor:

48. Ivanović, A., Džukić, G., Kalezić, M.L. (2012) Phenotypic view on the adaptive radiation of the crested newts (*Triturus cristatus* superspecies, Caudata, Amphibia): an overview. **International Journal of Evolutionary Biology** 2012:740605, DOI:10.1155/2012/740605. **2**

RADOVI NACIONALNOG ZNAČAJA:

M52

Pre izbora u zvanje vanredni profesor:

49. Džukić, G., A. Djorović, M.L. Kalezić, I. Aleksić, J. Crnobrnja-Isailović (1996). The mosor lizard occurs also in the Prokletije Mountain Massif. Univ. Thought. Nat. Sci. 3: 61-62. **1.5**

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RADOVI OBJAVLJENI U IZVODIMA:

M34

Pre izbora u zvanje vanredni profesor:

1. Kalezić M.L., D. Cvetković, A. Djorović, I. Rot, G. Džukić (1995). Fecundity, body size and age in paedomorphic and metamorphic alpine newts (*Triturus alpestris*). 7th European Ecological Congress (20-25.8.1995, Budapest). Abstract S1, p. 16. **0.5**
2. Cvetković D., M. L. Kalezić, A. Djorović, V. Gavrilović, G. Džukić (1995). Facultative paedomorphosis and variation in life history traits in sub-Mediterranean crested newt (*Triturus carnifex*) populations. 7th European Ecological Congress (20-25.8.1995, Budapest). Abstract S23, p. 254. **0.5**
3. Rot I., D. Cvetković, A. Djorović, M. L. Kalezić (1996). Alternative life-history pathways in *Triturus vulgaris*: paedomorphosis vs. metamorphosis. 5th International Congress of Systematic and Evolutionary Biology (August 17-24, 1996, Budapest). Abstract p. 287. **0.5**
4. Djorović, A., M. L. Kalezić (1997). Paedomorphosis in European newts (*Triturus*: Amphibia): ontogenetic aspects of cranial integration and shape changes. 7th Biennial Conference and the 10th AGM, Kaikoura, New Zealand, 31.1. - 2.2. 1997. New Zealand Journal of Zoology (Abstract) 24:325. **0.5**
5. Carson, S. D., N. Djorović, A. Djorović, P. L. Wilcox, R. D. Ball (1999). Simulation of QTL detection and marker-assisted selection. In Future of Pine Genomics. IUFRO Working Party 2.02.20. Genetic Resources for Southern Pines. July 11-14, 1999, New Orleans, LA. (Abstract) **0.5**
6. Carson, S. D., N. Djorović, A. Djorović, P. L. Wilcox, R. D. Ball (1999). Prospects for increasing genetic gain in plantation forests through marker-aided selection - results of simulation studies. Plant and Animal Genome VII, San Diego, CA, USA. (Abstract) **0.5**

7. Echt, C. S., L.D. Phillips, S. A. Cato, J. Kent, A. J. Langman, D. F. Jones, A. Djorović, T.E. Richardson, P. L. Wilcox (2001). Codominant SSR markers for molecular breeding in pine. Plant & Animal Genome IX Conference. San Diego, CA, January 13 – 17, 2001. Abstract P5i_06. **0.5**
8. Djorović A., N. J. Nelson, C. H. Daugherty (2001). Captive incubation and morphometric variation in tuatara *Sphenodon punctatus*. 11th Ordinary General Meeting of Societas Europea Herpetologica (SEH). July 13-17, 2001, Žalec, Slovenia. **0.5**
9. Djorović A., Keall SN, Nelson NJ, Daugherty CH. (2001). Morphometric variability and fluctuating asymmetry: tools for assessing population variability in tuatara. 9th Society for Research on Amphibians and Reptiles in New Zealand Conference, St Arnaud, Nelson Lakes, New Zealand, 2-4 February 2001 *New Zealand Journal of Zoology*, 2001, (Abstract) 28: 263. **0.5**
10. Jojić, V., Blagojević, J., Ivanović, A., Vujošević, M. (2004). The effects of B chromosomes on variation of mandible morphology in *Apodemus flavicollis* (Rodentia, Mammalia). Second B Chromosome Conference, Bubiñ, Granada, Spain, June 26 – 29, 2004. Abstract 27. **0.5**
11. Žikić V., Tomanović Ž. Ivanović A., Kavallieratos N.G., Starý P., Athanassiou C.G., Rakhshani, E. (2007). Morphological characterization of *Ephedrus persicae* Froggatt (Hymenoptera: Braconidae: Aphidinae) biotypes in Palearctic. Ecology of Aphidophaga 10, 05-10. 09. 2007, Athens, Greece. Abstracts, P27. **0.5**
12. Polović, L., Ljubisavljević, K., Tomašević Kolarov, N., Ivanović, A. (2008). The endemic Balkan lacertid lizard genus *Dinarolacerta* (Arnold, Arribas & Carranza, 2007): An integrative overview. 3rd International Symposium of Ecologists of the Republic of Montenegro.- Herceg Novi, 8 - 12. October 2008, The Book of Abstracts and Programme, p. 102. **0.5**

Posle izbora u zvanje vanredni profesor:

13. Jojić Šipetić, V., Blagojević, J., Ivanović, A. Vujošević, M. (2009) B chromosomes and skull variability (Canalization, developmental stability and morphological integration) in the yellow-necked field mouse. Paleontologia i Evolució, memòria especial núm. 3, I Iberian Symposium on Geometric Morphometrics, Sabadell, Barcelona, Spain. Abs. 79-80. **0.5**
14. Ivanović A. (2009) Evolutionary diversification of the cranial skeleton in European newts envisioned by geometric morphometrics. Paleontologia i Evolució, memòria especial núm. 3, I Iberian Symposium on Geometric Morphometrics, Sabadell, Barcelona, Spain. Abs. 75-76. **0.5**
15. Ljubisavljević, K., A. Ivanović, A. Urošević, G. Džukić, M.L. Kalezić (2009). Sexual dimorphism in skull size and shape in four lacertid species revealed by geometric morphometry. 15th European Congress of Herpetology, 28 September – 2 October, Kuşadası, Turkey, Book of Abstract, p. 116. **0.5**
16. Vukov TD, Ivanović A. Sotiropoulos K, Džukić G, Kalezić ML (2009). Polytomous topology: a problem or a solution of the great crested newts' cladogenesis? 15th European Congress of Herpetology, Kuşadası-Aydin, Turkey. **0.5**
17. Ivanović A. Cvijanović M, Tomašević-Kolarov N, Vukov TD, Džukić G, Kalezić ML (2009). Crested newt phenotypic diversification provide a unique

- opportunity to investigate common causes responsible for major evolutionary changes. 15th European Congress of Herpetology, Kuşadası -Aydın, Turkey. **0.5**
18. Žikić, V., Tomanović, Ž., Kavallieratos, N. G., Starý, P., Ivanović, A. (2010). Allometry and shape variability in *Ephedrus persicae* Froggatt (Hymenoptera: Braconidae: Aphidiinae) parasitic wasps. Ecology of Aphidophaga 11, 19-23. 09. 2010, Perugia, Italy. Abstracts, P27. **0.5**
 19. Cvijanović M., Ivanović A., Tomasević Kolarov N., Kalezić M.L. (2011). Do closely related crested newt species diverge in larval development? 16th European Congress of Herpetology. Luxembourg and Trier, 25th to 29th of September 2011. Book of Abstracts, pp. 33. **0.5**
 20. Mitrovski Bogdanović, A., A. Petrović, A. Ivanović, M. Mitrović, V. Žikić, Ž. Tomanović (2012). Morphological and molecular differentiation in *Praon dorsale – yomenae* species complex (Hymenoptera: Braconidae: Aphidiinae). 4th Congress of ecologists of Macedonia (with international participation), Ohrid. **0.5**
 21. A. Urošević, K. Ljubisavljević, A. Ivanović (2013). Ontogenetic aspects of morphological disparity in the cranium shape of lacertid lizards from the Balkan Peninsula. 8th International Symposium on the lacertid lizards of the Mediterranean basin. Koper, 3-6. June, 2013. pp 23-24. **0.5**
 22. Băncila Raluca, I., A. Ivanovic, J.W. Arntzen (2013). Symmetry of the cranium in island populations of *Podarcis* lizards analyzed with a high resolution 3D geometric morphometric approach 17th European Congress of Herpetology, Veszprém, Hungary, 2013. **0.5**

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Pre izbora u zvanje vanredni profesor

23. Jojić, V., Blagojević, J. Ivanović, A., Vujošević, M. (2004). Efekti B hromozoma kod žutogrlorog miša *Apodemus flavicollis* (Rodentia, Mammalia) – nivo morfološke integracije mandibule. Zbornik abstrakata III kongresa genetičara Srbije. Subotica, 30. novembar – 4. decembar 2004. Abstract 49. **0.2**

Posle izbora u zvanje vanredni profesor

24. Mitrovski Bogdanović, A., A. Ivanović, Ž. Tomanović, V. Žikić, P. Starý, Nickolas G. Kavallieratos (2009). Seksualni dimorfizam parazitske ose *Ephedrus persicae* Froggatt (Hymenoptera, Braconidae, Aphidiinae): intraspecijska varijabilnost u veličini i obliku. Simpozijum Entomologa Srbije 2009. Soko Banja, septembar 23-27, 2009. Abstract 64. **0.2**
25. Tomanović Ž, Kos K, Petrović A, Kavallieratos N, Toševski I, Trdan S, Ivanović A. (2011). Taksonomska diferencijacija, genetička i morfološka varijabilnost žitnih afidnih parazitoida *A. rhopalosiphii* de Stef., *A. uzbrkistanicus* Luz. i *A. avenaphis* A. (Fitch.) (Hymenoptera: Braconidae). Simpozijum entomologa Srbije, 2011. Donji Milanovac, 21-25. 09. 2011. P 40. **0.2**
26. Tomanović, Ž., Petrović, A., Shukshuk, A. H., Žikić, V., Ivanović, A. (2013). Molekularna i morfološka varijabilnost *Aphidius colemani* grupe (Hymenoptera, Braconidae, Aphidiinae). Simpozijum entomologa Srbije, Tara 18-22.9.2013. zbornik rezimea, 55. **0.2**

DISERTACIJE I TEZE:

Magistarska teza

Dorović, A. (1993). Pedomorfoza i morfometrijska varijabilnost u rodu *Triturus* (Amphibia). Biološki fakultet Univerziteta u Beogradu. Mentor: dr Miloš Kalezić

3

Doktorska disertacija

Dorović, A. (1996). Pedomorfoza kod evropskih mrmoljaka (*Triturus*; Amphibia): Ontogenetski aspekti integracije kranijalnog skeleta". Biološki fakultet Univerziteta u Beogradu. Mentor: dr Miloš Kalezić

6

OSTALE NAUČNE AKTIVNOSTI

UKOVOĐENJE MEĐUNARODNIM PROJEKTOM:

UČEŠĆE U MEĐUNARODNOM PROJEKTU:

Posle izbora u zvanje vanredni profesor:

2009-2012 SCOPE (Scientific co-operation between Eastern Europe and Switzerland) program of the Swiss National Science Foundation (SNSF). Rukovodioci: dr Željko Tomanović, dr Christoph Vorburger.

2

2012 SCOPE Valorization Grant (Scientific co-operation between Eastern Europe and Switzerland) program of the Swiss National Science Foundation (SNSF). Rukovodioci: dr Željko Tomanović, dr Christoph Vorburger.

2

UKOVOĐENJE NACIONALNIM PROJEKTOM:

Pre izbora u zvanje vanredni profesor:

2003-2004 "Monitoring metapopulacionog sistema zelenih žaba (*Rana synklepton esculenta*) u jugoistočnom delu Panonske nizije", projekat Ministarstva za zaštitu prirodnih bogatstava i životne sredine. Rukovodilac: dr Ana Ivanović.

3

UČEŠĆE U NACIONALNOM PROJEKTU:

Pre izbora u zvanje vanredni profesor:

1992-1997 "Populaciono biološki aspekti procesa specijacije", rukovodilac dr Nikola Tucić

1

2000-2001 "The well being of Tuatara: incubation regime and developmental stability" Foundation of Research in Science and Technology, New Zealand, dr Charles Dougherty.

1

2002-2004 "Integrativna istraživanja vodozemaca i gmizavaca centralnog Balkana", No. 1623, rukovodilac dr Miloš Kalezić.

1

2006-2011 "Diverzitet vodozemaca i gmizavaca Balkanskog poluostrva" No. 143052, rukovodilac dr Miloš Kalezić.

1

Posle izbora u zvanje vanredni profesor:

2011- "Diverzitet vodozemaca i gmizavaca Balkana: evolucionni aspekti i konzervacija". No. 173043, rukovodilac dr Miloš Kalezić.

1

ČLANSTVO U UREDNIŠTVU ILI RECENZIJA (UZ DOKAZ) PUBLIKACIJE KATEGORIJE M20/M50/M60:

ASSOCIATE EDITOR:

Posle izbora u zvanje vanredni profesor:

Amphibia – Reptilia (M23) 2009 -

3

RECENZET U ČASOPISIMA: Dokazi o recenzijama dostupni u uredništvu časopisa

Pre izbora u zvanje vanredni profesor:

1. Zoomorphology (kategorija časopisa M21)	3 rada	3
2. Amphibia–Reptilia (M23)	5 radova	5
3. Archives of Biological Sciences (M23)	2 rada	1.0
4. Integrative Zoology (M23a)	1 rad	0.5

Posle izbora u zvanje vanredni profesor:

1. Amphibia – Reptilia (M23)	4 rada	4
2. Biological Journal Linnean Society (M23)	3 rada	3
3. Italian Journal of Zoology (M23)	2 rada	2
4. Acta Herpetologica (M23)	1 rad	1
5. Canadian Journal of Zoology (M22)	1 rad	1
6. Contributions to Zoology (M21)	1 rad	1
7. Copeia (M22)	1 rad	1
8. Herpetologica (M21)	1 rad	1
9. Journal of Herpetology (M22)	1 rad	1
10. Turkish Journal of Zoology (M23)	1 rad	1
11. Zoologischer Anzeiger (M21)	1 rad	1
12. Russian Journal of Herpetology (M23a)	1 rad	0.5

OSTALE AKTIVNOSTI

STUDIJSKI BORAVCI (zemlja i dužina boravka):

- School of Biological Sciences, Victoria University of Wellington, Novi Zeland – postdoktorske studije (2000-2001)
- NCB Naturals, Leiden, The Netherland ,SYNTHESES F Fellowship, Evolution of the cranium in *Triturus* newts (Caudata, Salamandridae) explored through phylogeny and sophisticated geometric morphometrics through micro-CT scanning. (11. septembar -01. oktobar 2011)
- Naturalis Biodiversity Center, Temmink Fellowship, Exploring salamander morphospace while correcting for age and size (10 septembar – 01. oktobar 2012)
- Naturalis Biodiversity Center, SYNTHESES Fellowship, Exploring salamander morphospace while correcting for age and size (20 jun – 01. jul 2013)

Član organizacionog (scientific) komiteta: 15th European Congress of Herpetology, Kuşadası-Aydın, Turkey

Rukovodilac doktorskih studija Katedre za morfologiju, sistematiku i filogeniju životinja (od 2008. godine).

CITIRANOST:

Ukupan broj radova koji mogu biti citirani: 46

Broj citata u časopisima sa SCI liste: 177

Knjige i monografije stranih izdavača: 37

Strane doktorske disertacije: 25

Ukupno citata: 331

Napomena - rad br 25. se u školskoj 2008/9 nalazio na spisku preporučene literature za kurs - Integrative Biology 200A "Principles of Phylogenetics: Systematics", University of California, Berkeley.

(a) Citati u knjigama i monografijama

1. Gasc, J.-P. et al., (ed.)(1997). *Atlas of Amphibians and Reptiles in Europe*. Societas Europae Herpetologica, Museum National d'Histoire Naturelle, Paris. Citiran rad br. 2.
2. Griffiths, R.A. (1996). *Newts and Salamanders of Europe*. T & A Poyser Natural History, London. Citirani radi br. 1 i 3.
3. Malmgren, J.C. (1999). *Evolutionary Ecology of Newts*. Örebo Studies in Biology 1. Örebo Univeristy, Sweeden, Citirani radovi br. 2, 3, 4, 7.
4. Gruppo Nisoria (2000). *Atlante degli Anfibia dei Rettili della provincia di Vicenza*. Museo Naturalisti Archeologico, Vicenza. Citiran rad br. 5.
5. Arntzen, J.W. (2003). *Triturus cristatus Superspezies - Kammolch-Artenkreis*. (*Triturus cristatus* (laurenti, 1768) - Nirdlicher kammolch, *Triturus carnifex* (Laurenti, 1768) - Italienischer kammolch. *Triturus dobrogicus* (Kiritzescu, 1903) - Donau-Kammolch, *Triturus karelinii* (Strauch, 1870) - Sudlicher kammolch). In: *Handbuch detr Reptilien und Amphibiaen Europas*. W. Bohme (ed.), Band 4/IIA: Schwanzlurche (Urodela) IIA. pp. 421-514. Aula-Verlag, Wiebelsheim. Citirani radovi br. 2, 3, 5, 6.
6. Denöel, M. (2003). Selective advantages of a heterochronic phenotype. Eco-ethology of paedomorphic populations of the alpine newt, *Triturus alpestris* (Amphibia, Caudata). Cahiers d Ethologie. Fondamentale et appliqué, animale et humaine. Collection «Enquetes et Dossiers», n 27. Unite de Biologie du Comportement: Ethologie et Psychologie animale, Instiut de Zoologie de l Universite de Liege. Citirani radovi br. 1, 3, 4, 5 i 9.
7. Thompson, JL, Krovitz, GE, Nelson AJ (2003) *Patterns of Growth and Development in the Genus Homo*, Published by Cambridge University Press, 2003. Citiran rad br. 9
8. Griffiths, HI, Kryštufek, B., Reed JM. (2004) *Balkan Biodiversity: Pattern and Process in the European Hotspot.*, Published by Springer, 2004, pp 357.ISBN 1402028539, 9781402028533. Citiran rad br. 1
9. Rowe, T. (2004). Chordate phylogeny and development. In: *Assembling the Tree of Life*. J. Cracraft and M.J.Donoghue (eds.), pp. 384-409. Oxford University Press. Citiran rad br. 9.
10. Hall BK (2005) *Bones and Cartilage: Developmental and Evolutionary Skeletal Biology*.Published by Academic Press, 2005, pp760. Citiran rad br. 9
11. Bonato L, Fracasso, G.,Pollo, R., Richard J ., Semenzato M. (2007). *Atlante degli anfibi e dei rettili del Veneto*. Nuova Dimensione Edizioni, Italy, pp 240. Citiran rad br.1
12. Prat D., Faivre Rampant P., Prado E. (2006) *Analyse du génome et gestion des ressources génétiques forestières*. Published by Editions Quae, 2006, SBN 2738012272, 9782738012272 pp 484. Citiran rad br. 11
13. Wells DK (2007). *The Ecology and Behavior of Amphibians*. Chicago, USA: The 21 University of Chicago Press. Citirani radovi br. 1, 3.
14. Zamudio K.R.,Chan L.M. (2008). Alternative reproductive tactics in amphibians. In: *Alternative Reproductive Tactics, An Integrative Approach* (Oliviera, R.F., Taborsky, M., Brockmann H.J eds). Cambridge University Press, pp300-332. Citiran rad 4.
15. Klaus Henle, Daniela Dick, Mr Alexander Harpke, Mr Ingolf Kühn, Mr Oliver Schweiger& Mr Josef Settele. 2008. *Climate Change Impacts on European Amphibians and Reptiles*. CONVENTION ON THE CONSERVATION OF EUROPEAN WILDLIFE AND NATURAL HABITATS. Strasbourg, 15 October 2008 T-PVS/Inf (2008) 11 rev. Citiran rad 5.
16. Litvinchuk, S.N., L.J. Borkin (2009). *Evolution, Systematics, and Distribution of Crested Newts (Triturus cristatus complex) in Russian and adjacent Countries*. Europeisky Dom. St. Petersburg, in press. (In Russian). Citirani radovi br. 1, 2, 3, 5, 6, 7, 15, 18
17. Zelditch M, et al. 2012. *GEOMETRIC MORPHOMETRICS FOR BIOLOGISTS: A PRIMER*. 2nd edition. Elsevier Academic press. Citirani radovi 14, 32
18. Jelić, D., Kuljerić, M., Koren, T., Treer, D., Šalamon, D., Lončar, M., Podnar-Lešić, M., Janev Hutinec, B., Bogdanović, T., Mekinić, S. i Jelić, K. (2012): *Crvena knjiga vodozemaca i gmazova Hrvatske*. Državni zavod za zaštitu prirode, Zagreb. Citirani radovi br. 3, 8, 19, 36

Citati u stranim doktorskim disertacijama:

19. Malmgren, J.C. (1995). Intraspecific morphometric variation in the smooth and crested newts, *Triturus vulgaris* and *T. cristatus* (Caudata: Salamandridae), within their northernmost European distributions. Honours Thesis iz Zoology, University of Goteborg, Sweden. Citiran rad br. 2.
20. Litvinchuk, S.N. (1998). Systematics and Distribution of the Crested Newt Complex (*Triturus cristatus*, Salamandridae) in Russian and Adjacent Regions. Ph. D. Thesis. Sankt-Peterburg. (In Russian). Citirani radovi br. 3, 6.
21. Malmgren, J.C. (2001). Evolutionary Ecology of Newts. Orebro Studies in Biology 1, Department of Natural Sciences, Orebro University, Orebro, Sweden, Ph.D. Dissertation. Citirani radovi br. 2, 3, 4, 6, 8 i 10.
22. Sotiropoulos, K. (2004). Genetic and morphological variation of *Triturus* species (Amphibia, Urodela) in the Hellenic region: historical and ecological inferences. University of Athens, School of Science, Faculty of Biology, Department of Zoology and Marine Biology. PhD thesis. Citirani radovi br. 1, 2, 3, 5, 9.
23. Meyer, S. (2005). Untersuchung zur Überlebensstrategie der Kammolchepopulationen (*Triturus cristatus*, Laurenti 1768) in der Kulturlandschaft Sachsen-Anhalts. PhD. Mathematisch-Naturwissenschaftlicher Bereich der Martin-Luther-Universität, Halle-Wittenberg. Citirani radovi br. 2, 8.
24. Carchilan M. (2008) Transcriptional analysis of rye B chromosomes. Dissertation zur Erlangung des akademischen Grades doctor rerum naturalium (Dr. rer. nat.) vorgelegt der Naturwissenschaftlichen Fakultät I der Martin-Luther-Universität Halle-Wittenberg. Citiran rad 13.
25. Espregueira Themudo (2010) Newts in time and space: the evolutionary history of *Triturus* newts at different temporal and spatial scales. PhD. Department of Evolutionary Biology, Institute of Biology, Faculty of Science, Leiden University. Citiran rad 14.
26. Percy, A. 2011. Implications of Skull Shape for the Ecology and Conservation Biology of Crocodiles, PhD thesis, Leiden University, Leiden, The Netherlands. Citiran rad 18.
27. Fu, Wing-kan, 2010. Population dynamics, diet and morphological variation of the Hong Kong newt (*Paramesotriton hongkongensis*). University of Hong Kong (Pokfulam Road, Hong Kong). Citiran rad br. 5
28. Wielstra Ben. 2012. TRACING TRITURUS THROUGH TIME: PHYLOGEOGRAPHY AND SPATIAL ECOLOGY, University of Twente, The Netherlands. Citirani radovi 36, 41
29. Olori JC. 2011. The evolution of skeletal development in early tetrapods: anatomy and ontogeny of *Microsaurus* (Lepospondyli), The University of Texas at Austin, 2011 . Citiran rad br. 14
30. Schmidt, Ryan William. 2012. *UNRAVELING THE POPULATION HISTORY OF THE XIONGNU TO EXPLAIN MOLECULAR AND ARCHAEOLOGICAL MODELS OF PREHISTORIC MONGOLIA*. Diss. The University of Montana, 2012. citiran rad br 29.
31. Johnson, Carlana, 2013. AXOLOTL PAEDOMORPHOSIS: A COMPARISON OF JUVENILE, METAMORPHIC, AND PAEDOMORPHIC *AMBYSTOMA MEXICANUM* BRAIN GENE TRANSCRIPTION (2013). *Theses and Dissertations--Biology*. University of Kentucky, Citiran rad br. 26

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Broj bodova

Nastavni rad

Ukupno: **187** bodova, od čega **104** nakon izbora u zvanje vanredni profesor. (Za zvanje redovni profesor neophodan uslov je **44** boda).

Naučni rad

Ukupno: **319.3** bodova, od čega **200.1** nakon izbora u zvanje vanredni profesor (**165** iz kategorija M21, M22, M23). (Za zvanje redovni profesor neophodan uslov je **46** (**30**) bodova).

Oblasti istraživanja i pregled radova

Oblasti istraživanja dr Ane Ivanović su najvećim delom vezane, direktno ili indirektno, za probleme evolucione biologije, posebno evolucione morfologije, u okviru uže naučne oblasti Morfologija, sistematika i filogenija životinja. Objekti istraživanja su bile različite grupe vodozemaca (najčešće evropskih mrmoljaka) i gmizavaca (lacertidnih guštera) koje su, zahvaljujući i njenim istraživanjima, postale poznati model organizmi u oblasti evolucione morfologije. Takođe, u manjem broju radova izložena su rezultati istraživanja na parazitskim osama (radovi 14, 19, 23, 26, 26, 27, 29, 40, 51). Daleko najveći broj radova je iz oblasti evolucije morfoloških celina kičmenjaka (npr. lobanje, ekstremiteta), pri čemu su istraživani uticaji filogenije, alometrije i prirodne selekcije na evoluciju morfoloških celina (radovi br. 12, 13, 16, 18), zatim problemi morfoške integracije tih celina (radovi br. 1, 8, 10, 33), ontogenije oblika i veličine morfoloških celina (radovi br. 2, 9, 25, 41), odnos molekularne i morfološke evolucije (14, 15, 19, 21, 25 i 36), kao i morfološka diferencijacija i evolucionarna diversifikacija taksona, uključujući i taksonomski aspekt uočene različitosti (radovi br. 5, 17, 24 i 48). U velikom broju radova razmatrani su različiti aspekti polnog dimorfizma morfoloških celina (4, 6, 7, 11, 29, 32, 35, 37, 44 i 46). Karakteristike životne istorije bile su takođe predmet istraživanja (radovi 20, 24, 30, 31 i 38). Posebna pažnja dr Ane Ivanović bila je usmerena na istraživanje različitih aspekata fakultativne pedomorfoze kod evropskih mrmoljaka rodova *Triturus* spp., *Ichthyosaura* sp. i *Lissotriton* spp. (radovi br. 6, 17, 20, 21, 28, 30, 32, 33, 34, 43, 44, 45), pri čemu su istraživane razlike u nivou polnog dimorfizma, odlikama životne istorije, adaptivnoj vrednosti, nivou integracije morfoloških celina, varijabilnosti u razviću glavenog skeleta jedinki koje slede različite puteve ontogenije.

ZAKLJUČAK KOMISIJE SA PREDLOGOM

Članovi komisije zaključuju da je period od izbora u zvanje vanredni profesor bio veoma uspešan za dr Anu Ivanović. U tom periodu ona je postigla izuzetne rezultate u nastavnom i istraživačkom radu. Tako je dr Ana Ivanović u nastavi ostvarila 104 boda (za izbor u zvanje redovni profesor potrebno je 44 boda), a u istraživanjima 200 bodova (za izbor u zvanje redovni profesor potrebno je 46 boda). Izuzetno visoka citiranost radova kandidatkinje, kako u časopisma sa SCI liste, tako i u knjigama, monografijama i doktorskim disertacijama, jasno ukazuju na visok ugled dr Ane Ivanović u međunarodnoj zajednici istraživača u oblasti evolucione biologije i morfologije, posebno u oblasti geometrijske morfometrije. Na to ukazuje i visoka vrednost H indeksa ($h=9$) (stepen uticajnosti i naučnog doprinosa istraživača). Takođe, akademsko ponašanje, kao i stavovi dr Ane Ivanović u pogledu funkcionisanja akademske zajednice, jasno ukazuju da ona na direktan način utiče na ugled našeg fakulteta.

Članovi komisije smatraju da kandidatkinja ispunjava, i u formalnom i suštinskom pogledu, naučne i nastavne kriterijume za izbor u više zvanje i stoga predlažu Izbornom veću Biološkog fakulteta Univerziteta u Beogradu da se **dr Ana Ivanović** izabere u zvanje **redovni profesor**.

u Beogradu,
27. 05. 2014. godine

dr Nadežda Nedeljković, redovni profesor
Biološki fakultet Univerziteta u Beogradu

dr Nikola Tucić, dopisni član SANU, redovni profesor
Biološki fakultet Univerziteta u Beogradu (u penziji)

dr Željko Tomanović, redovni profesor
Biološki fakultet Univerziteta u Beogradu

dr Miloš Kalezić, redovni profesor
Biološki fakultet Univerziteta u Beogradu