

**IZBORNOM VEĆU BIOLOŠKOG FAKULTETA
DEKANU BIOLOŠKOG FAKULTETA
UNIVERZITETA U BEOGRADU**
Prof. dr Željku Tomanoviću

Na VIII redovnoj sednici Izbornog veća Biološkog fakulteta, održanoj 15.06.2018. godine, određeni smo u komisiju za pripremu i pisanje izveštaja o prijavljenom kandidatu na konkurs Biološkog fakulteta Univerziteta u Beogradu za izbor jednog vanrednog profesora za užu naučnu oblast Fiziologija i molekularna biologija biljaka na Katedri za fiziologiju biljaka. Na konkurs, koji je objavljen u listu „Poslovi“ broj 784, dana 04.07.2018. godine, prijavio se jedan kandidat dr Aneta Sabovljević. Na osnovu pregleda priloženih dokumenata, konstatovali smo da je kandidat dr Aneta Sabovljević priložila svu konkursom zahtevanu dokumentaciju.

Na osnovu prispele dokumentacije i ličnog uvida u nastavnu i naučnu delatnost kandidata podnosimo Izbornom veću Biološkog fakulteta sledeći

IZVEŠTAJ

A. BIOGRAFSKI PODACI

Aneta Sabovljević (rođena Bijelović) rođena je 15. marta 1976. godine u Nikšiću, Crna Gora. Osnovnu školu i gimnaziju (prirodno-matematički smer) završila je u Kraljevu. Biološki fakultet Univerziteta u Beogradu upisala je školske 1994/95. godine, a diplomirala je 2000. godine, na smeru Fiziologija biljaka. Poslediplomske studije na Biološkom fakultetu Univerziteta u Beogradu upisala je školske 2000/01. godine, na smeru Fiziologija biljaka. Magistarski rad, urađen na Institutu za Biološka Istraživanja „Siniša Stanković“, pod mentorstvom prof. dr Radomira Konjevića i prof. dr Dragoljuba Grubišića, je odbranila 2003. godine. Doktorsku disertaciju je u periodu od 2004. – 2006. god. uradila na Institutu za Botaniku Prirodno-matematičkog fakulteta Univerziteta u Kelnu, Nemačka. Doktorsku disertaciju pod naslovom „Funkcija gena odgovornih za sortiranje proteina u vakuolama iz ESCRT-I, II i III kompleksa kod *Arabidopsis thaliana* (l.) Heynh“ je odbranila 2007. god na Biološkom fakultetu Univerziteta u Beogradu, pod mentorstvom prof. dr Svetlane Radović i prof. dr Zlatka Gibe.

Zaposlena je od januara 2001. god. na Katedri za fiziologiju biljaka Biološkog fakulteta kao asistent pripravnik, od 2003. godine kao asistent, a od 2008. godine kao docent na istoj Katedri. U zvanje vanredni profesor je izabrana 2013. godine.

Do sada je bila učesnik na četiri nacionalna naučna projekta koji su finansirani od strane Ministarstva prosvete, nauke i tehnološkog razvoja Republike Srbije, kao i na šest međunarodnih projekata. Bila je rukovodilac dva bilateralna projekta i jednog potprojekta nacionalnog projekta.

Tokom 2002. i 2003. godine boravila je studijski u laboratoriji za fiziologiju biljaka na Institutu za Botaniku, Univerzitet u Bonu, Nemačka. Tokom tog studijskog boravka, bila

je stipendista nemačke vlade (DAAD stipendija za mlade istraživače). U periodu januar 2004. god. – decembar 2006. god., boravila je na Institutu za Botaniku Univerziteta u Kelnu, kao saradnik na naučnom projektu Nemačkog Istraživačkog Saveta. Tokom 2012. i 2013. godine bila je šest meseci na postdoktorskom usavršavanju na Biotehničkom fakultetu Univerziteta u Ljubljani, Slovenija.

Aktivno koristi engleski i nemački jezik i služi se francuskim i španskim jezikom.

Član je Društva za Fiziologiju biljaka Srbije, Federation of European Societies of Plant Biology (FESPB) i Briološke Asocijacije Jugo-Istočne Evrope.

H-index dr Anete Sabovljević je 12.

B. NASTAVNA AKTIVNOST

Dr Aneta Sabovljević je od izbora za asistenta pripravnika na Katedri za fiziologiju biljaka do izbora u docenta 2008. godine učestvovala u izvođenju praktične nastave za predmete Fiziologija biljaka (studijske grupe: Biologija i Molekularna biologija i fiziologija) i Biohemija i fiziologija biljaka (studijska grupa Biohemija, Hemijski fakultet). Nakon izbora u zvanje docent dr Aneta Sabovljević je nastavila da svoje nastavne obaveze obavlja savesno i stručno, na svim nivoima studija. Učestvovala je u realizaciji teorijske nastave na osnovnim studijama (Fiziologija rastenja i razvića biljaka, Eksperimentalne metode u fiziologiji biljaka), master studijama (Osnovi biotehnologije biljaka, Genetičko inženjerstvo biljaka), doktorskim studijama (Genetičko inženjerstvo i biotehnologija biljaka, Molekularni mehanizmi i fiziologija stresa biljaka).

Njen rad u nastavi je do sada bio odlično ocenjen od strane studenata (prosečna ocena na svim studentskim anketama, na svim predmetima je veća od 4,6).

Predmet	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Prosek
<i>Fiziologija rastenja i razvića biljaka</i>	4,69	4,91	4,93	4,87	4,92	4,63	4,82
<i>Eksperimentalne metode u fiziologiji biljaka</i>	4,85	4,91	4,89	5,00			4,91
<i>Genetičko inženjerstvo i biotehnologija biljaka</i>					5,00		5,00

Do sada je rukovodila izradom 5 diplomskih, 12 master radova i 9 doktorskih disertacija. Takođe je bila član komisije za pregled, ocenu i odbranu još 11 diplomskih, 7 master radova i 3 doktorske disertacije.

Koautor je praktikuma Praktikum iz fiziologije rastenja i razvića biljaka namenjenog studentima osnovnih studija.

OSNOVNE NASTAVNE AKTIVNOSTI

OBJAVLJEN PRAKTIKUM (14 poena)

“Praktikum iz Fiziologije rastenja i razvića biljaka”, 2013. Autori: Milorad Vujičić, **Aneta Sabovljević**, Marko Sabovljević. ISBN 978-86-6157-031-5

(14)

MENTORSTVO – ODBRANJENA DOKTORSKA DISERTACIJA

Pre izbora u zvanje vanrednog profesora

1. Branislav Šiler, 2012. Fitohemijska i molekularno – genetička karakterizacija populacija kičice (*Centaurea erythraea* Rafn.) sa Balkanskog poluostrva. Doktorska disertacija, Biološki fakultet Univerziteta u Beogradu. (Komisija: dr Danijela Mišić (mentor), **doc. dr Aneta Sabovljević** (mentor), dr Stevan Avramov; dr Ana Simonović) (6)
2. Ana Milosavljević, 2012. – Uticaj delimičnog isušivanja korenova na ekspresiju NCED, TAO1 I EIL1 gena i rasteenje divljeg tipa i *flacca* mutanata paradajza (*Lycopersicon esculentum* Mill.) Doktorska disertacija, Biološki fakultet Univerziteta u Beogradu. (Komisija: prof. dr Radmila Stikić (mentor), **doc. dr Aneta Sabovljević**, (mentor) dr Angelina Subotić). (6)
3. Slavica Dmitrović, 2012. Alelopatski efekti transformisanih korenova *Chenopodium murale* L. *in vitro*. Doktorska disertacija, Biološki fakultet Univerziteta u Beogradu. (Komisija: dr Slavica Ninković (mentor), **doc. dr Aneta Sabovljević** (mentor), dr Nevena Mitić; dr Vuk Maksimović; dr Ana Simonović). (6)
4. Ana Vuleta, 2013. Evolucionarna ekofiziologija stresa: uloga enzimskih i neenzimskih antioksidanata u prirodnim populacijama *Iris pumila* L. (Iridaceae). Doktorska disertacija, Biološki fakultet Univerziteta u Beogradu. (Komisija: dr Branka Tucić (mentor), **doc. dr Aneta Sabovljević** (mentor), dr Sanja Manitašević Jovanović). (6)
5. Jasmina Nestorović Živković, 2013. Antioksidativno, antimikrobno i alelopatsko dejstvo tri endemične vrste roda *Nepeta* (Lamiaceae). Doktorska disertacija, Biološki fakultet Univerziteta u Beogradu. (Komisija: dr Danijela Mišić (mentor), **doc. dr Aneta Sabovljević** (mentor), dr Suzana Živković; dr Ana Ćirić). (6)

Posle izbora u zvanje vanrednog profesora

1. Dragana Božić, 2014. Izolacija i funkcionalna karakterizacija gena uključenih u sintezu karnozinske kiseline. Doktorska disertacija, Biološki fakultet Univerziteta u Beogradu. (Komisija: **prof. dr Aneta Sabovljević** (mentor), prof. dr Angelos Kanelis (mentor), dr Danijela Mišić). (6)
2. Marijana Skorić, 2014. Regulacija produkcije labdanskih diterpena u kulturi *in vitro* *Cistus creticus* L. i analiza njihove biološke aktivnosti. Doktorska disertacija, Biološki fakultet Univerziteta u Beogradu. (Komisija: dr Slađana Todorović (mentor), **prof. dr Aneta Sabovljević** (mentor) dr Jasmina Glamočlija; dr Ana Simonović). (6)

3. Milorad Vujičić, 2016. Biohemijski i ekofiziološki odgovori odabranih vrsta mahovina na kontrolisani stres izazvan solima u akseničnim uslovima. Doktorska disertacija, Biološki fakultet Univerziteta u Beogradu. (Komisija: **prof. dr Aneta Sabovljević** (mentor), prof. dr Marko Sabovljević (mentor), dr Danijela Mišić; dr Snežana Milošević). (6)
4. Jelena Pavlović, 2017. Uloga silicijuma u prevazilaženju nedostatka gvožđa kod krastavca (*Cucumis sativus* L.). Doktorska disertacija, Biološki fakultet Univerziteta u Beogradu. (Komisija: dr Miroslav Nikolić (mentor), **prof. dr Aneta Sabovljević** (mentor), dr Jelena Samardžić). (6)

UČEŠĆE U KOMISIJAMA ZA ODBRANU DOKTORSKE DISERTACIJE

Posle izbora u zvanje vanrednog profesora

1. Jelena Milojević, 2015. Ekspresija gena za ribozom-inaktivirajući protein (SoRIP2) kao marker za analizu embriogenog potencijala spanaća (*Spinacea oleracea* L. cv. Matador) *in vitro*. Doktorska disertacija, Biološki fakultet Univerziteta u Beogradu. (Komisija: dr Snežana Zdravković-Korać (mentor), dr Jelena Savić (mentor), **prof. dr Aneta Sabovljević**) (4)
2. Ljiljana Tubić, 2016. Morfogeneza i regeneracija biljaka šalota (*Allium ascalonicum* L.) i vlašca (*A. schoenoprasum* L.) *in vitro*. Doktorska disertacija, Biološki fakultet Univerziteta u Beogradu. (Komisija: dr Snežana Zdravković-Korać (mentor), dr Jelena Savić (mentor), **prof. dr Aneta Sabovljević**) (4)
3. Tijana Banjanac, 2016. Fiziološki i molekularno-genetički pokazatelji međuvrsne hibridizacije u okviru roda *Centaurium* Hill (Gentianaceae). Doktorska disertacija, Biološki fakultet Univerziteta u Beogradu. (Komisija: dr Branislav Šiler (mentor), doc. dr Mihailo Jelić (mentor), dr Danijela Mišić; **prof. dr Aneta Sabovljević**; dr Marijana Skorić) (4)

MENTORSTVO - ODBRANJEN DIPLOMSKI / MASTER RAD

Pre izbora u zvanje vanrednog profesora

1. Milica Bogdanović 2008. Ispitivanje uticaja soli na morfogenezu i sadržaj hlorofila vrsta *Bryum argenteum* Hedw. i *Atrichum undulatum* (Hedw.) P. Beauv. u kulturi *in vitro*. Diplomski rad, Biološki Fakultet, Univerzitet u Beogradu, (Komisija: **doc. dr Aneta Sabovljević** (mentor), doc. dr Marko Sabovljević (mentor), prof. dr Dragoljub Grubišić) (2)
2. Vanja Vukojević 2008. Funkcionalne uloge PIF4 i PIF5 transkripcionih faktora u signalnoj transdukciji svetlosnih signala kod *Arabidopsis thaliana* L. Diplomski rad, Biološki Fakultet, Univerzitet u Beogradu, (Komisija: **doc. dr Aneta Sabovljević** (mentor), doc. dr Marko Sabovljević (mentor), Prof. dr Zlatko Giba). (2)
3. Milorad Vujičić 2009. Uticaj apscisinske kiseline i polietilenglikola na razviće odabranih predstavnika briofita. Diplomski rad. Biološki Fakultet, Univerzitet u Beogradu. (Komisija: **doc. dr Aneta Sabovljević** (mentor), doc. dr Marko Sabovljević (mentor), prof. dr Dragoljub Grubišić). (2)
4. Milena Ilić 2009. Sadržaj hlorofila i ukupnih fenola kod tri vrste paprati iz roda *Asplenium* u uslovima slanog stresa. Diplomski rad. Biološki Fakultet, Univerzitet

- u Beogradu. (Komisija: mr Suzana Živković (mentor), **doc. dr Aneta Sabovljević** (mentor), mr Danijela Mišić). (2)
5. Margareta Kračun 2011. Analiza strukture trihoma i sadržaj fenolnih diterpena u listovima različitih vrsta žalfija (*Salvia sp.*) Diplomski rad. Biološki Fakultet, Univerzitet u Beogradu. (Komisija: **doc. dr Aneta Sabovljević** (mentor), dr Ana Simonović (mentor), mr Slavica Dmitrović; Biljana Filipović) (2)
 6. Ivana Petrović 2012. Uticaj regulatora rasteња na morfogenezu mahovine *Bartramia subulata* Bruch & Schimp. u kulturi *in vitro*. Master rad. Biološki Fakultet, Univerzitet u Beogradu. (Komisija: doc. dr Marko Sabovljević (mentor), doc. dr Aneta Sabovljević (mentor), Milorad Vujičić). (2)
 7. Nevena Petrović 2013. Odgovor odabranih predstavnika mahovina na dehidrataciju izazvanu polietilen glikolom. Master rad, Biološki Fakultet, Univerzitet u Beogradu. (Komisija: **doc. dr Aneta Sabovljević (mentor)**, doc. dr Marko Sabovljević (mentor), Milorad Vujičić). (2)
 8. Marija Smiljković 2013. Identifikacija i molekularna karakterizacija „*Candidatus* Phytoplasma cynodontis“ patogena biljke *Cynodont dacylon*. Master rad, Biološki Fakultet, Univerzitet u Beogradu. (Komisija: dr Bojan Duduk (mentor), **doc. dr Aneta Sabovljević** (mentor), Milorad Vujičić). (2)

Posle izbora u zvanje vanrednog profesora

1. Danica Mijajlović, 2014. Uticaj donora azotnih jedinjenja na morfogenezu različitih genotipova mahovine *Atrichum undulatum* (Hedw.) P. Beauv. (2)
2. Maja Milić - Ekspresija gena koji kodiraju ključne enzime za metabolizam giberelina u apikalnim fragmentima korenova spanaća (*Spinacia oleracea* L.) gajenih *in vitro*. (2)
3. Tijana Nikolić, 2016. Karakterizacija i lokalizacija biosinteze sekoiridoida kod kičice (*Centaureum erythraea* Rafn.) na molekularnom i hemijskom nivou. (2)
4. Milena Vuletić, 2016. Efekat predtretmana manitolom na otpornost prema stresu izazvanom solima kod mahovine *Polytrichum formosum*. (4)
5. Milana Lukić, 2017. Elicitacija produkcije sekoiridoida u kulturi izdanaka kičice (*Centaureum erythraea*) metil-jasmonatom. (2)
6. Jelena Ostojić, 2017. Morfogeneza mahovina *Bryum creberrimum*, *B. capillare* i *Tayloria splachnoides* u uslovima *in vitro*. (4)
7. Olivera Brlić, 2017. Ekofiziološki i biohemijski odgovor mahovina *Hypnum cupressiforme* (Hedw.) i *Atrichum undulatum* (Hedw.) P. Beauv. na stres izazvan kadmijumom i cinkom u uslovima *in vitro*. (4)
8. Aleksandra Kovačević, 2017. Uticaj bakra i olova na ekofiziološke i biohemijske parametre mahovina *Hypnum cupressiforme* (Hedw.) i *Atrichum undulatum* (Hedw.) P. Beauv. u uslovima *in vitro*. (2)
9. Isidora Lončarević, 2017. Uloga predtretmana ABA u odgovoru mahovine *Entosthodon hungaricus* na stres solima u uslovima *in vitro*. (2)

UČEŠĆE U KOMISIJAMA ZA ODBRANU DIPLOMSKOG ILI MASTER RADA

Pre izbora u zvanje vanrednog profesora

1. Majkić Jelena, 2007. Efekti apscisinske kiseline i interakcije apscisinske kiseline sa giberelnom kiselinom i tetciklacidom u procesu morfogeneze izdanaka

- krompira (*Solanum tuberosum* L.) u uslovima *in vitro*. – Biološki fakultet, Univerzitet u Beogradu (Komisija: doc. dr Ivana Dragičević (mentor), doc. dr Dušica Janošević, mr Aneta Sabovljević) (1)
2. Milan Popović 2008. Uticaj desikacije na sadržaj fenola i sadržaj superoksid dismutaze, polifenol oksidaze i peroksidaza u listovima zlatne paprati (*Ceterach officinarum* D.C) Biološki Fakultet, Univerzitet u Beogradu. (Komisija: dr Suzana Živković, doc. dr Aneta Sabovljević; dr Ivana Momčilović). (1)
 3. Jelena Milojević 2008. Poboljšanje regenerativnog kapaciteta spanaća (*Spinacia oleracea* L. cv. "Matadore"). Biološki Fakultet, Univerzitet u Beogradu. (Komisija: doc. dr Ivana Dragičević (mentor), dr Snežana Zdravković Korać (komentor), doc. dr Aneta Sabovljević). (1)
 4. Svetlana Radović 2009. Prilog poznavanju flore Priboja i okoline. Biološki Fakultet, Univerzitet u Beogradu. (Komisija: doc. dr. Marko Sabovljević (mentor), doc. dr Aneta Sabovljević). (1)
 5. Miloš Pavlović 2009. Prilog poznavanju roda *Brabilophozia* (Lophoziaceae, Hepaticae) u Srbiji. Biološki Fakultet, Univerzitet u Beogradu. (Komisija: doc. dr. Marko Sabovljević (mentor), doc. dr Aneta Sabovljević). (1)
 6. Nemanja Vukašinić 2010. Efekat salicilne kiseline (SA) na razvoj indukovane termotolerancije kod biljaka krompira (*Solanum tuberosum* L.). Biološki Fakultet, Univerzitet u Beogradu. (Komisija: doc. dr Ivana Dragičević (mentor), dr Ivana Momčilović (mentor), doc. dr Aneta Sabovljević). (1)
 7. Vera Vidaković 2011. Uticaj jasmonske kiseline na morfogenezu odabranih predstavnika briofita. Biološki Fakultet, Univerzitet u Beogradu. (Komisija: prof. dr Miroslav Vrvic (mentor), prof. dr Zlatko Giba (komentor), doc. dr Aneta Sabovljević). (1)
 8. Maja Simić 2011. *Ex situ* konzervacija mahovina *Bruchia vogesiaca* i *Molendoa hornschuchiana*: morfogeneza u kulturi *in vitro*. Biološki Fakultet, Univerzitet u Beogradu. (Komisija: doc. dr. Marko Sabovljević (mentor), doc. dr Aneta Sabovljević, Milorad Vujičić). (1)
 9. Nada Nikolić 2011. Biotehnološki potencijal briofita u proizvodnji biohrane – mahovine kao malakorepelenti. Biološki Fakultet, Univerzitet u Beogradu, (Komisija: doc. dr Marko Sabovljević (mentor), doc. dr Aneta Sabovljević, doc. dr Jasmina Šinžar-Sekulić). (1)
 10. Jovana Pantović 2011. Prilog poznavanju briofita Boranje (Zapadna Srbija). Biološki Fakultet, Univerzitet u Beogradu, (Komisija: doc. dr Marko Sabovljević (mentor), doc. dr Aneta Sabovljević, Milorad Vujičić). (1)
 11. Luka Dragačević 2012. Genetički diverzitet mahovine *Atrichum undulatum* u Evropi. Biološki Fakultet, Univerzitet u Beogradu, (Komisija: doc. dr Marko Sabovljević (mentor), dr Suzana Živković, (mentor), doc. dr Aneta Sabovljević, Milorad Vujičić). (1)
 12. Anja Čarapić 2013. Uticaj donora nitrata na morfogenezu vrste *Atrichum undulatum* u kulturi *in vitro*. Master rad, Biološki Fakultet, Univerzitet u Beogradu. (Komisija: doc. dr Marko Sabovljević (mentor), doc. dr Aneta Sabovljević, Milorad Vujičić). (1)

Posle izbora u zvanje vanrednog profesora

1. Irena Krga, 2013. Utvrđivanje sadržaja šikiminske kiseline kod odabranih biljnih vrsta kao odgovor na stres izazvan herbicidom glifosatom. (1)
2. Anja Čarapić, 2013. Uticaj donora nitrata na morfogenezu vrste *Atrichum undulatum* u kulturi *in vitro*. (1)
3. Andrijana Stanisavljević, 2014. Efekat predtretmana manitolom na otpornost prema slanom stresu kod mahovine *Atrichum undulatum* (Hedw.) P. Beauv. (1)
4. Marija Ćosić, 2015. Biohemijski i ekofiziološki odgovor fakultativno halofitne mahovine *Hennediella heimii* (Hedw.) Hampe na stres solima u uslovima *in vitro*. (1)
5. Mila Manić, 2015. Biotički odnosi briofita i beskičmenjaka: mahovine kao biorepeleni. (1)
6. Nadežda Golubović, 2016. Efekat kadmijuma na biohemijske i ekofiziološke parametre kod mahovine *Atrichum undulatum* (Hedw.) P. (1)

DRŽANJE NASTAVE NA KURSU

DRŽANJE NASTAVE NA KURSU ZA KOJI JE KANDIDAT U POTPUNOSTI PRIPREMIO NASTAVNI PROGRAM

Pre izbora u zvanje vanrednog profesora

1. Pokreti biljaka (osnovne studije, BI-IB3-2) (6)

Posle izbora u zvanje vanrednog profesora

1. Fiziologija rastenja i razvića biljaka (osnovne studije, OA-B7; O-MO9) (6)
2. Osnovi biotehnologije biljaka (master studije, MBI-FB-O2) (6)
3. Genetičko inženjerstvo biljaka (master studije, MMF-BB-O1) (6)

DRŽANJE NASTAVE NA KURSU ZA KOJI JE KANDIDAT PRIPREMIO DOPUNU NASTAVNOG PROGRAMA

Pre izbora u zvanje vanrednog profesora

1. Biohemija i fiziologija biljaka (dipl. biohemičar, Hemijski fakultet) (4)
2. Metabolizam viših biljaka (master studije, BI-MO40) (4)
3. Genetičko inženjerstvo i biotehnologija biljaka (doktorske studije, DN-B-I12) (4)
4. Molekularni mehanizmi i fiziologija stresa biljaka (doktorske studije, DS-FMB-I11) (4)

Posle izbora u zvanje vanrednog profesora

1. Eksperimentalne metode u fiziologiji biljaka (osnovne studije, OA-IB5-4) (4)

DRŽANJE NASTAVE NA KURSU SA PREUZETIM NASTAVNIM PROGRAMOM

Pre izbora u zvanje vanrednog profesora

1. Fiziologija biljaka (studijska grupa Biologija) (2)
2. Fiziologija biljaka (studijska grupa Molekularna biologija i fiziologija) (2)

3. Fiziologija biljaka (studijska grupa Nastavnik biologije i hemije) (2)
Posle izbora u zvanje vanrednog profesora
1. Molekularna ekofiziologija biljaka sa biotehnologijom (master studije, EKO-IB6-4) (2)
 2. Genetičko inženjerstvo i biotehnologija biljaka (doktorske studije, DS-FMB-I4) (2)

Nastavna delatnost						
Kategorija	Ukupno			U periodu nakon izbora u poslednje zvanje (posle 2013.)		
	Broj naslova	Broj bodova	Ukupno bodova	Broj naslova	Broj bodova	Ukupno bodova
Objavljen udžbenik - M92	1	14	14	0	0	0
Mentorstvo - odbranjena doktorska disertacija	9	6	54	4	6	24
Mentorstvo - odbranjen diplomski/master rad	3	4	12	3	4	12
Mentorstvo - odbranjen diplomski/master rad	14	2	28	6	2	12
Učešće u komisijama za odbranu doktorske disertacije	3	4	12	3	4	12
Učešće u komisijama za odbranu diplomskog/master rada	18	1	18	6	1	6
Držanje nastave na kursu za koji je kandidat u potpunosti pripremio nastavni program	4	6	24	3	6	18
Držanje nastave na kursu za koji je kandidat pripremio dopunu nastavnog programa	5	4	20	1	4	4
Držanje nastave na kursu za koji je kandidat preuzeo nastavni program	5	2	10	2	2	4
UKUPNO BODOVA			192			92

C. NAUČNO-ISTRAŽIVAČKI RAD

Dr Aneta Sabovljević je svoj dosadašnji naučno-istraživački rad realizovala u oblastima fiziologije biljaka, molekularne biologije biljaka i biologije briofita. Na dan 03.09.2018, prema bazi Scopus **h-indeks je 12**. Navedene publikacije su prema bazama ISI/Web of Science i Scopus **citirane ukupno 731 put bez autocitata**.

Ima dva predavanja po pozivu sa skupa međunarodnog značaja štampana u izvodu.

OSNOVNE NAUČNE AKTIVNOSTI

MAGISTARSKA TEZA – M72

Bijelović, A. 2003. Morfogeneza mahovine *Bryum argenteum* Hedw. u kulturi *in vitro*. Biološki fakultet Univerziteta u Beogradu. (3)

DOKTORSKA DISERTACIJA – M71

Sabovljević, A. 2007. Funkcija gena odgovornih za sortiranje proteina u vakuolama iz ESCRT-I, II i III kompleksa kod *Arabidopsis thaliana* (L.) Heynh. Biološki fakultet Univerziteta u Beogradu. (6)

RADOVI MEĐUNARODNOG ZNAČAJA – KATEGORIJE M21A (RAD U MEĐUNARODNOM ČASOPISU IZUZETNIH VREDNOSTI)

Posle izbora u zvanje vanrednog profesora:

1. Anicic Urosevic M, Vukovic G, Jovanovic P, Vujicic M, **Sabovljević A**, Sabovljević M, Tomasevic M. 2017. Urban background of air pollution: Evaluation through moss bag biomonitring of trace elements in Botanical garden. *Urban Forestry and Urban Greening* 25: 1-10. 10.1016/j.ufug.2017.04.016

RADOVI MEĐUNARODNOG ZNAČAJA – KATEGORIJE M21 (RAD U VRHUNSKOM MEĐUNARODNOM ČASOPISU)

Pre izbora u zvanje vanrednog profesora

1. Spitzer, C., Schellmann, S., **Sabovljević, A.**, Shahriari, M., Keshavaiah, C., Bechtold, N., Herzog, M., Mueller, S., Hanisch, F-G., Huelskamp, M. (2006) The *Arabidopsis elch* mutant reveals functions of an ESCRT component in cytokinesis. *Development* 133: 4679-4689.
2. Shahriari, M., Keshavaiah, C., Scheuring, D., **Sabovljevic, A.**, Pimpl, P., Hausler, R.E., Huelskamp, M., Schellmann, S. (2010) The AAA-type ATPase AtSKD1 contributes to vacuolar maintenance of *Arabidopsis thaliana*. *The Plant Journal* 64: 71-85.
3. Shahriari, M., Richter, K., Keshavaiah, C., **Sabovljevic, A.**, Pimpl, P., Huelskamp, M., Schellmann, S. (2010) The *Arabidopsis* ESCRT protein-protein interaction network. *Plant Mol Biol* 76: 85-96.

Posle izbora u zvanje vanrednog profesora:

4. Sabovljevic MS, Weidinger ML, **Sabovljevic A**, Adlassing W, Lang I. 2018. Is binding patterns of Zn(II) equal in different bryophytes? *Microscopy and Microanalysis* 24(1): 69-74 doi:10.1017/S143192761800003X

RADOVI MEĐUNARODNOG ZNAČAJA – KATEGORIJE M22 (RAD U ISTAKNUTOM MEĐUNARODNOM ČASOPISU)

Pre izbora u zvanje vanrednog profesora

1. **Bijelović A.**, Rosić N., Miljuš Djukić J., Ninković S., Grubišić D. 2004. *In vitro* regeneration and transformation of *Blackstonia perfoliata*. *Biologia Plantarum* 3. 48(3):333-338.
4. Edelman, H. G., **Sabovljević, A.**, Njio, G., Roth, U. 2005. The role of auxin and ethylene for gravitropic differential growth of coleoptiles and roots of rye- and maize seedlings. *Advances in Space Research* 36: 1167-1174.
7. Rowntree JK, Pressel S, Ramsay MM, **Sabovljević A.**, Sabovljević M. 2011. *In vitro* conservation of European bryophytes. *In Vitro Cellular and Developmental Biology – Plant* 47(1): 55-64.
8. Kumar, A., Paulose Martin, K., **Sabovljević, A.**, Madassery, J. 2011. Transformation through agroinfection on decapitated shoot apex of field-growing *Phyllanthus amarus*. *Acta Physiologiae Plantarum* 33: 2011-2017.
9. Bogdanović M, Ilić M, Živković S, **Sabovljević A.**, Grubišić D, Sabovljević M. 2011. Comparative study on the effects of NaCl on selected moss and fern representatives. *Australian Journal of Botany* 59(8): 734-740.
10. Vujičić M, **Sabovljević A.**, Šinžar-Sekulić J, Skorić M, Sabovljević M. 2012. *In vitro* development of the rare and endangered moss *Molendoa hornschurchiana* (Hook.) Lindb. ex Limpr. (Pottiaceae, Bryophyta). *HortScience* 47(1): 84-87.
11. Sabovljević, M., Vujičić, M., Šinžar-Sekulić, J., Segarra-Moragues, J.G., Papp, B., Skorić, M., Dragačević, L., **Sabovljević, A.** 2012. Reviving, *in vitro* differentiation, development and micropropagation of the rare and endangered moss *Bruchia vogesiaca* (Bruchiaceae). *HortScience* 47: 1347-1350.
12. Ellis, L.T., Bakalin, V.A., Baisheva, E., Bednarek-Ochyra, H., Ochyra, R., Borovichev, E.A., Choi, S.S., Sun, B.Y., Erzberger, P., Fedosov, V.E., Garilleti, R., Albertos, B., Gorski, P., Hajkova, P., Hodgetts, N.G., Ignatov, M., Koczur, A., Kurbatova, L.E., Lebouvier, M., Mezaka, A., Miravet, J., Pawlikowski, P., Porley, R.D., Rosello, J.A., Sabovljević, M., Pantović, J., **Sabovljević, A.**, Schroder, A., Stefanut, S., Saurez, G.M., Schiavone, M., Yayintas, O.T., Vana, J. 2013. New national and regional bryophyte records 36. *Journal of Bryology* 35: 228-238.

Posle izbora u zvanje vanrednog profesora:

13. Ellis LT, Afonina OM, Asthana AK, Gupta R, Sahu V, Nath V, Batan N, Bednarek-Ochyra H, Benitez A, Erzberger P, Fedosov VE, Gorski P, Gradstein SR, Gremmen N, Hallingback T, Hagstrom M, Kockinger H, Lebouvier M, Meinunger L, Nemeth C, Nobis M, Nowak A, Ozdemir T, Pantovic J, **Sabovljevic A.**, Sabovljevic MS, Pawlikowski P, Plasek V, Cihal L, Sawicki J, Sergio C, Ministro P, Garcia CA, Smith VR, Stefanut S, Stow S, Suarez GM, Flores JR, Thouvenot L, Vana J, van Rooy J, Zander RH. 2014. New national and regional bryophyte records 39. *Journal of Bryology* 36(2): 134-151.
14. Sabovljević M, Vujičić M, Pantović J, **Sabovljević A.** 2014. Bryophyte

- conservation biology: *in vitro* approach to the *ex situ* conservation of bryophytes from Europe. *Plant Biosystems* 148(4): 857-868.
15. Ellis LT, Aleffi M, Bakalin VA, Bednarek-Ochyra H, Bergamini P, Beveridge P, Choi SS, Fedosov VE, Gabriel R, Gallego MT, Grdovic S, Gupta R, Nath V, Asthana AK, Jennings L, Kurschner H, Lebouvier M, Nair MC, Manjula KM, Rajesh KP, Nobis M, Nowak A, Park SJ, Sun BY, Plasek V, Cihal L, Poponessi S, Mariotti MG, **Sabovljević A**, Sabovljević MS, Sawicki J, Schnyder N, Schumacker R, Sim-Sim M, Singh DK, Singh D, Majumdar S, Singh Deo S, Stefanut S, Suleiman M, Seng CM, Chua MS, Vana J, Venzanoni R, Bricchi E, Wigginton MJ. 2015. New national and regional bryophyte records 42. *Journal of Bryology* 37(1): 68-79.
 16. Ellis LT, Ah-Peng C, Aranda SC, Bednarek-Ochyra H, Borovichev EA, Cykowska-Marzencka B, Duarte MC, Enroth J, Erzberger P, Fedosov V, Fojcik B, Gabriel R, Coelho MCM, Henriques DSG, Ilina OV, Gil-Novoa JE, Morales-Puentes ME, Gradstein SR, Gupta R, Nath V, Asthana AK, Koczur A, Lebouvier M, Mesterhazy A, Mogro F, Mezaka A, Nemeth C, Orgaz JD, Sakamoto Y, Paiva J, Sales F, Pande N, Sabovljević MS, Pantović J, **Sabovljević A**, Perez-Haase A, Pinheiro da Costa D, Plasek V, Sawicki J, Szczecinska M, Chmielewski J, Potemkin A, Schafer-Verwimp A, Schofield WB, Sergio C, Sim-Sim M, Sjorgen S, Spitale D, Stebel A, Stefanut S, Suarez GM, Flores JR, Thouvenot L, Vana J, Yoon YJ, Kim JH, Zobel R. 2015. New national and regional bryophyte records 45. *Journal of Bryology* 37(4): 308-329
 17. Ellis LT, Asthana AK, Srivastava P, Omar I, Rawat KK, Sahu V, Cano MJ, Costa DP, Dias EM, Dias dos Santos N, Silva JB, Fedosov VE, Kozhin MN, Ignatova EA, Germano SR, Golovina EO, Gremmen NJM, Ion R, Stefanut S, von Konrat M, Jimenez MS, Suarez GM, Kiebacher T, Lebouvier M, Long DG, Maity D, Ochyra R, Parnikoza I, Plasek V, Fialova L, Skoupa Z, Poponessi S, Aleffi M, Sabovljević MS, **Sabovljević A**, Saha P, Aziz MN, Sawicki J, Suleiman M, Sun BY, Vana J, Wojcik T, Yoon YJ, Zarnowiec J, Larrain J. 2016. New national and regional bryophyte records 46. *Journal of Bryology* 38(1): 47-63. DOI: 10.1080/03736687.2015.1123344
 18. Ellis LT, Alatas M, Asthana AK, Rawat KK, Sahu V, Srivastava A, Bakalin VA, Batan N, Bednarek-Ochyra H, Bester SP, Borovichev EA, De Beer D, Enroth J, Erzberger P, Fedosov VE, Feuillet-Hurtado C, Gradstein SR, Gremmen NJ, Hedenas L, Katagiri T, Yamaguchi T, Lebouvier M, Maity D, Mesterhazy A, Muller F, Natcheva R, Nemeth C, Opisso J, Ozdemir T, Erata H, Parnikoza I, Plasek V, Sabovljević M, **Sabovljević A**, Saha P, Aziz MN, Schroder W, Vana J, van Rooy J, Wang J, YoonYJ, Kim JH. 2016. New national and regional bryophyte records, 47. *Journal of Bryology* 38(2): 151-167. DOI:10.1080/03736687.2016.1171453
 19. Ellis LT, Aleffi M, Alegro A, Segota V, Asthana AK, Gupta R, Singh VJ, Bakalin VA, Bednarek-Ochyra H, Cykowska-Marzencka B, Benitez A, Borovichev EA, Vilnet AA, Konstantinova NA, Buck WR, Cacciatore C, Sergioa C, Csiky J, Deme J, Kovacs D, Damsholt K, Enroth J, Erzberger P, Fedosov VE, Fuertes E, Gradstein SR, Gremmen NJM, Hallingback T, Jukoinene I, Kiebacher T, Larrain J, Lebouvier M, Luth M, Mamontov YS, Potemkin AD, Nemeth C, Nieuwkoop JAW, Nobis M, Osorio F, Parnikoza I, Peralta DF, Carmo DM, Plasek V, Skoupa

- Z, Poponessi S, Venanzoni R, Puche F, Purger D, Reeb C, Rios R, Rodriguez-Quiel E, Arrocha C, Sabovljević MS, Nikolić N, **Sabovljević A**, dos Santos EL, Segarra-Moragues JG, Stefanut S, Stoncius D, Virchenko VM, Wegrzyn M, Wietrzyk P. 2016. New national and regional bryophyte records, 48. *Journal of Bryology* 38(3): 235-259.
20. Vujičić M, **Sabovljević A**, Milošević S, Segarra-Moragues JG, Sabovljević M. 2016. Effects of abscisic acid (ABA) on development of selected bryophyte species. *Plant Biosystems* 150(5): 1023-1029. <http://dx.doi.org/10.1080/11263504.2014.1000423>
21. Ellis LT, Ah-Peng C, Aleffi M, Barath K, Bruges M, Ruiz E, Buck WR, Czernyadjeva V, Erzberger P, Fantecelle LB, Penaloza-Bojaca GF, Araujo CAT, Oliveira BA, Marcel-Silva AS, Gremmen NJM, Guo SL, Hedderson TA, February E, Wilding N, Hugonnot V, Kirmaci M, Kurschner H, Lebouvier M, Mesterhazy A, Ochyra R, Philippe M, Plasek V, Skoupa Z, Poponessi S, Gigante D, Venanzoni R, Rawat KK, Sahu V, Asthana AK, Sabovljevic MS, **Sabovljevic A**, Schafer-Verwimp A, Wierzcholska S. 2017. New national and regional bryophyte records, 50. *Journal of Bryology* 39(1): 99-114. doi 10.1080/03736687.2016.1259931
22. Sabovljević MS, Vujičić M, Wang X, Garraffo M, Bewley CA, **Sabovljević A**. 2017. Production of the macrocyclic bis-bibenzyls in axenically farmed and wild liverwort *Marchantia polymorpha* L. subsp. *ruderalis* Bischl. et Boisselier. *Plant Biosystems* 151(3): 414-418. <http://dx.doi.org/10.1080/11263504.2016.1179692>
23. Ellis LT, Aleffi M, Bednarek-Ochyra H, Bakalin VA, Boiko M, Caleja JA, Fedosov VE, Ignatov MS, Ignatova EA, Garilleti R, Hallingback T, Lonell N, Hodgetts N, Kiebacher T, Larrain J, Lebouvier M, Luth M, Mazimpaka V, Vigalondo B, Lara F, Natcheva R, Nobis M, Nowak A, Orgaz JD, Guerra J, Pantovic J, Nikolić N, Sabovljević MS, **Sabovljević A**, Pisarenko OY, Plasek V, Skoupa Z, Poponessi S, Privitera M, Puglisi M, Skudnik M, Wang QH. 2017. New national and regional bryophyte records, 51. *Journal of Bryology* 39 (2): 177-190. <http://dx.doi.org/10.1080/03736687.2017.1298297>
24. Ellis LT, Afonina OM, Andriamiarisoa RL, Bednarek-Ochyra B, Cykowska-Marzencka B, Stryjak-Bogacka M, Bell NE, Boiko M, Callaghan DA, Campisi P, Dia MG, Marino ML, Proenzano F, Eckstein J, Enroth J, Erzberger P, Ezer T, GAgano ML, Ginzburg E, Gorski P, Gradstein SR, Reeb C, Hannoire C, Infante M, Jukoniene I, Kushnevskaya EV, Lebouvier M, Nagy J, Opmanis A, Plasek V, Skoupa Z, Sabovljević MS, **Sabovljević A**, Shevock JR, Singh DK, Majumdar S, Skudnik M, Useliene A, Venturella G, Wegrzyn P, Wietrzyk P, Yoon YJ, Kim JH, Yucel E. 2017. New National and regional bryophyte records, 53. *Journal of Bryology* 39(4): 368-387. doi.org/10.1080/03736687.2017.1384204

RADOVI MEĐUNARODNOG ZNAČAJA – KATEGORIJE M23 (RAD U MEĐUNARODNOM ČASOPISU)

Pre izbora u zvanje vanrednog profesora

1. **Bijelović A.**, Sabovljević M., Grubišić, D., Konjević, R. (2004) Phytohormone influence on morphogenesis of two mosses (*Bryum argenteum* Hedw. and

- Atrichum undulatum* (Hedw.) P. Beauv.). *Israel Journal of Plant Sciences* 52: 31 - 36.
2. **Sabovljević A.**, Sabovljević M., Grubišić, D., Konjević, R. (2005) The effect of sugars on development of two moss species (*Bryum argenteum* and *Atrichum undulatum*) in culture *in vitro*. *Belgian Journal of Botany* 138 (1): 79-84.
 3. **Sabovljević, A.**, Soković, M., Sabovljević, M., Grubišić, D. (2006) Antimicrobial activity of *Bryum argenteum*. *Fitoterapia* 77 (2): 144-145.
 5. **Sabovljević, A.**, Rosić, N., Janković, T., Grubišić, D. (2006) Secoiridoid content of *Blackstonia perfoliata* *in vivo* and *in vitro*. *In Vitro Cellular and Developmental Biology – Plant* 42: 427-431.
 6. Sabovljević, M., Tsakiri, E. & **Sabovljević, A.** 2008. Towards the bryophyte flora of Greece, studies in Chalkidiki area (North Greece). *Cryptogamie, Bryologie* 29(2): 143 -155.
 7. Blockeel, T.L., Bakalin, V.A., Bednarek-Ochyra, H., Ochyra, R., Buck, W.R., Choi, S., Cykowska, B., Erdağ, A., Erzberger, P., Kirmaci, M., Kürschner, H., Lebouvier, M., Papp, B., Sabovljević, M., **Sabovljević, A.**, Schröder, W., Singh, S.M.; Sun, B.-Y.; Townsend, C.C.; Vaňa, J. & Yayintaş, OT. 2009 New national and regional bryophyte records, 20. *Journal of Bryology* 31(1): 54-62.
 8. **Sabovljević A.**, Sabovljević M., Rakić T. & Stevanović B. 2008. Establishment of procedures for *in vitro* maintenance, plant regeneration and protoplast transfection of the resurrection plant *Ramonda serbica* Panč. *Belgian Journal of Botany* 141(2): 178-184.
 9. Sabovljević, M., **Sabovljević, A.** 2009. Biodiversity within urban areas: a case study on bryophytes of the city of Cologne (NRW, Germany). *Plant Biosystems* 143: 473-481.
 10. Vukojević, V., Sabovljević, M., **Sabovljević, A.**, Mihailović, N., Dražić, G., Vučinić, Ž. 2009. Determination of heavy metal deposition in the county of Obrenovac (Serbia) using mosses as bioindicators IV. Manganese (Mn), Molybdenum (Mo), and Nickel (Ni) *Archives of Biological Sciences* 61(4): 835-845.
 11. Sabovljević, M., Vujičić, M., **Sabovljević, A.** 2010. Diversity of saproxylic bryophytes in old-growth and managed beech forests in the Central Balkans. *Plant Biosystems* 144(1): 234-240.
 12. **Sabovljević, A.**, Soković, M., Glamočlija J., Ćirić, A., Vujičić, M., Pejin, B., Sabovljević, M. 2010. Comparison of extract bio-activities of *in situ* and *in vitro* grown selected bryophyte species. *African Journal of Microbiology Research* 4(9): 808-812.
 13. **Sabovljević A.**, Sabovljević M., Grubišić D. 2010. Giberellin influence on the morphogenesis of the moss *Bryum argenteum* Hedw. in *in vitro* conditions. *Archive of Biological Sciences* 62(2): 373-380.
 14. **Sabovljević A.**, Sabovljević M., Vukojević V. 2010. Effects of different cytokinins on chlorophyll retention in the moss *Bryum argenteum* (Bryaceae). *Periodicum Biologorum* 112(3): 301-305.
 15. Pejin B, Vujisić Lj, Sabovljević M, **Sabovljević A.**, Tešević V, Vajs V. 2010. An insight into chemistry of *Kindbergia praelonga* and *Kindbergia stokesii* (Brachytheciaceae). *Journal of Serbian Chemical Society* 75(12): 1637-1640.

16. **Sabovljević A**, Soković M, Glamočlija J, Ćirić A, Vujičić M, Pejin B, Sabovljević M. 2011. Bio-activities of extracts from some axenically farmed and naturally grown bryophytes. *Journal of Medicinal Plants Research* 5(4): 565-571.
17. Sabovljević M, Cvetković J, Živković S, Vujičić M, **Sabovljević A**. 2011. Genetic structure of the rare moss species *Rhodobryum ontariense* in Vojvodina (Serbia) as inferred by isozymes. *Archives of Biological Sciences* 63(1): 151-155.
18. Pejin B, Vujisić Lj, **Sabovljević A**, Sabovljević M, Tešević, Vajs V. 2011. Fatty acids of some moss species from Germany. *Asian Journal of Chemistry* 23(11): 5187-5188.
19. Sabovljević M, Alegro A, **Sabovljević A**, Marka J, Vujičić M. 2011. An insight into diversity of the Balkan Peninsula bryophyte flora in the European background. *Revue d'Ecologie (Terre et Vie)* 66(4): 399-413.
20. **Sabovljević A**, Vujičić M, Skorić M, Sabovljević M. 2012. Axenically culturing the bryophytes: establishment and propagation of the pleurocarpous moss *Thamnobryum alopecurum* Nieuwland ex Gangulee (Bryophyta, Neckeraceae) in *in vitro* conditions. *Pakistan Journal of Botany* 44 (1): 339-344.
21. Pejin B, **Sabovljević A**, Soković M, Glamočlija J, Ćirić A, Vujičić M, Sabovljević M. 2012. Antimicrobial activity of *Rhodobryum ontariense*. *Hemijska Industrija* 66(3): 381-384.

Posle izbora u zvanje vanrednog profesora:

22. Sabovljević MS, **Sabovljević A**, Ikram NKK, Peramuna A, Bae H, Simonsen HT. 2016. Bryophytes – an emerging source for herbal remedies and chemical production. *Plant Genetic Resources* 14(4): 314–327. doi:10.1017/S1479262116000320
23. Sabovljević MS, Segarra-Moragues JG, Puche F, Vujičić M, Cogoni A, **Sabovljević A**. 2016. Eco-physiological and biotechnological approach to conservation of the world-wide rare and endangered aquatic liverwort *Riella helicophylla* (Bory et Mont.) Mont. *Acta Botanica Croatica* 75(2): 194-198. doi 10.1515/botcro-2016-0030

RADOVI MEĐUNARODNOG ZNAČAJA – KATEGORIJE M24 (RAD U ČASOPISU MEĐUNARODNOGZNAČAJA VERIFIKOVAN POSEBNOM ODLUKOM)

Pre izbora u zvanje vanrednog profesora

1. Sabovljević, M., **Bijelović, A.** & Dragičević, I. 2003. *In vitro* culture of mosses: *Aloina aloides* (K.F. Schultz) Kindb., *Brachythecium velutinum* (Hedw.) B.S.&G., *Ceratodon purpureus* (Hedw.) Brid., *Eurhynchium praelongum* (Hedw.) B.S.&G. and *Grimmia pulvinata* (Hedw.) Sm. *Turkish Journal of Botany* 27: 441 – 446.
2. Sabovljević, M. & **Sabovljević, A.** 2007. Contribution to the coastal bryophytes of the Northern Mediterranean: Are there halophytes among bryophytes? *Phytologia Balcanica* 13 (2): 131-135.
3. Cvetić, T., **Sabovljević, A.**, Sabovljević, M., Grubišić, D. 2007. Development of the moss *Pogonatum urnigerum* (Hedw.) P. Beauv. under *in vitro* culture conditions. *Archives of Biological Sciences* 59 (1): 57-61.
4. Sabovljević, M., **Sabovljević, A.**, Radulović, J., Dragičević, I. 2008. Genetic variability within Serbian populations of the rare and endangered pottioid mosses

- Hilpertia velenovskyi* (Schiffn.) Zander inferred by isozyme analyses. *Archives of Biological Sciences* 60(2): 207-213.
- Sabovljević, M., Vukojević, V., **Sabovljević, A.**, Vujičić, M. 2009. Deposition of heavy metals (Pb, Sr and Zn) in the county of Obrenovac (Serbia) using mosses as bioindicators. *Journal of Ecology and the Natural Environment* 1(6): 147-155.

Posle izbora u zvanje vanrednog profesora:

- Skudnik, M., **Sabovljević, A.**, Batič, F., Sabovljević, M. 2013. The bryophyte diversity of Ljubljana (Slovenia). *Polish Botanical Journal* 58: 319-324.
- Sabovljević M, Vujičić M, **Sabovljević A.** 2014. Plant growth regulators in bryophytes. *Botanica Serbica* 38(1): 99-107.
- Vujičić M, Milošević S, Sabovljević M, **Sabovljević A.** 2017. Effect of ABA treatment on activities of antioxidative enzymes in selected bryophyte species. *Botanica Serbica* 41(1): 11-15. doi 10.5281/zenodo.452673

PREDAVANJE PO POZIVU SA MEĐUNARODNOG SKUPA ŠTAMPANO U IZVODU – KATEGORIJA M32

Posle izbora u zvanje vanrednog profesora:

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OSTALE NAUČNE AKTIVNOSTI

Učešće u međunarodnom projektu

Pre izbora u zvanje vanrednog profesora

1. “*Ex situ* conservation of rare and endangered bryophytes in Hungary, Serbia and Europe.“ (bilateralni projekat u okviru naučno tehnološke saradnje sa Mađarskim Nacionalnim Prirodnjačkim Muzejom, Budimpešta: 2010-2011. Rukovodilac: Doc. dr Marko Sabovljević)
2. „Deposition of atmospheric pollutant in mosses: heavy metals, nitrogen and PAH“ (bilateralni projekat u okviru naučno tehnološke saradnje sa Biotehničkim fakultetom, Ljubljana, Slovenija: 2012-2013.) Rukovodilac: Doc. dr Aneta Sabovljević
3. „Investigation of cryptogamic flora (bryophytes and lichens) and biodiversity in Serbia and Hungary, with emphasis on habitats of rare species“. (međuakademski projekat SASA i Akademije Nauka Mađarske: 2010-2011) Rukovodilac: Prof. dr Vladimir Stevanović
4. FP7 Projekat br. 227448 „TERPMED- Plant Terpenoids for Human Health: a chemical and genomic approach to identify and produce bioactive compounds“ (2009-2013), rukovodilac Prof. dr Dragoljub Grubišić

Posle izbora u zvanje vanrednog profesora:

5. Biopesticidi: efekat ekstrakata mahovina na suzbijanje bolesti voćaka i vinove loze. (Bilateralni projekat u okviru naučno tehnološke saradnje sa Biotehničkim fakultetom, Podgorica, Crna Gora: 2016-2018.) Rukovodilac: Prof. dr Aneta Sabovljević
6. Uticaj atmosferske depozicije Zn (II) na različite genotipove mahovine *Atrichum undulatum*. (Bilateralni projekat u okviru naučno tehnološke saradnje sa Univerzitetom u Beču, Austrija: 2018-2020.) Rukovodilac: Prof. dr Marko Sabovljević

Učešće u nacionalnom projektu

Pre izbora u zvanje vanrednog profesora

1. "Svetlosna i hormonalna kontrola rastenja i razvića biljaka" (projekat br. 1696), Ministarstvo nauke i zaštite životne sredine Republike Srbije 2002-2005.
2. "Svetlosna i hormonalna kontrola rastenja i razvića biljaka, razmnožavanje in vitro i ex situ zaštita retkih i ugroženih vrsta", (projekat br. 143031) Ministarstvo nauke Republike Srbije. 2006-2010.

Posle izbora u zvanje vanrednog profesora

3. „Fiziološka, hemijska i molekularna analiza diverziteta retkih i ugroženih biljnih vrsta u cilju ex situ zaštite i produkcije biološki aktivnih jedinjenja (173024)“ - Ministarstvo prosvete i nauke Republike Srbije (2011 -)
4. „Biodiverzitet biljnog sveta Srbije i Balkanskog poluostrva - procena, održivo korišćenje i zaštita (173030)“ - Ministarstvo prosvete i nauke Republike Srbije (2011-)

Recenzija publikacije kategorije M 20

Pre izbora u zvanje vanrednog profesora

19 recenzija u 7 časopisa

Posle izbora u zvanje vanredni profesor:

12 recenzija u 6 časopisa

Citiranost radova

Na osnovu uvida u baze podataka Science Citation Index, Web of Science i Scopus, Aneta Sabovljević je **citirana 731 puta** u sledećim publikacijama, bez autocitata:

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- scoparium* (Dicranaceae, Bryophyta). *Combinatorial Chemistry and High Throughput Screening* 18: 453-463.
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PRIKAZ RADOVA

Radovi Prof. dr Anete Sabovljević vezani su za fiziologiju biljaka, posebno za fiziologiju briofita, kao i molekularnu biologiju biljaka u celini.

U radovima s početka karijere proučavana je *in vitro* regeneracija i transformacija, kao i fiziološki odgovor i sadržaj sekundarnih metabolita u lekovitoj biljci *Blackstonia perfoliata* rasloj u kulturi *in vitro*. Takođe su publikovani radovi u kojima se iznose rezultate o *in vitro* kulturi i sadržaju sekoiridoida tri lekovite vrste biljaka iz fam. Gentianaceae.

Proučavanjem gravitropskih pokreta i diferencijalnim rastenjem koleoptila i korenova pojedinih vrsta vaskularnih biljaka kandidat se bavi u radovima koji su publikovani u saradnji sa kolegama sa Univerziteta u Bonu. Uticaj pojedinih grupa biljnih hormona (auksini i etilen), kao i svetlosti na gravitropski rast određenih biljnih organa proučavan je u navedenim radovima.

Kandidat se u radovima koji su publikovani u saradnji sa kolegama sa Univerziteta u Kelnu bavi proučavanjem funkcije ESCRT-I, II i III kompleksa na molekularno-biološkom nivou kod *Arabidopsis thaliana*, izolacijom i karakterizacijom

pojedinih mutanata i upotrebom odgovarajućih markera koji učestvuju u karakterizaciji multivezikularnih tela u biljnoj ćeliji i kretanju proteinskog karga do ovih organela. U navedenim radovima prikazana je analiza monoubikvitin-zavisne degradacije proteina u kojoj učestvuje ESCRT kompleks, kao i analiza odgovarajućih mutanata biljke *A.thaliana*.

Uticaj fitohormona, kao i ostalih regulatora rastenja (šećera) na morfogenezu i fiziološki odgovor biljaka predmet je proučavanja najvećeg broja radova dr Anete Sabovljević.

U navedenim publikacijama razmatrane su različite fiziološke karakteristike (morfogeneza, rasteње i razviće, diferencijacija, regulacija stresa izazvanog abiotičkim faktorima, biohemijska regulacija stresnih uslova) briofita. Uticaji fitohormona i šećera na morfogenetski odgovor odabranih model vrsta briofita, koje su dosada neistražene ili nedovoljno istražene obrađivani su u navedenim radovima. Takođe je praćen uticaj različitih tipova abiotskog stresa na rasteње i razviće odabranih briofita u uslovima *in vitro*. Jedan deo publikacija dr Anete Sabovljević se odnosi na *ex situ* konzervaciju briofita. U tim radovima su predmet istraživanja briofite koje su retke i/ili ugrožene ili vrste briofita koje nastanjuju područja pod posebnom zaštitom. Farmaceutsko-biohemijski aspekti briofita razmatrani su u okviru grupe radova koja je rezultat saradnje sa kolegama iz srodnih oblasti (hemija, farmacija, mikrobiologija, poljoprivreda).

Metodološki pristup za efektivno uspostavljanje *in vitro* kultura određenih vrsta briofita (*Aloina aloides*, *Brachythecium velutinum*, *Bryum argenteum*, *B. capillare*, *Ceratodon purpureus*, *Eurhynchium praelongum*, *Grimmia pulvinata*, *Pogonatum urnigerum*, *Rhodobryum ontariense*) je predmet velikog broja radova koji prethode istraživanju fiziologije stresa. Proučavanje depozicije teških metala u pojedinim briofitama koje se koriste kao model-sistemi je publikovano u grupi radova.

Klijanje semena, a pre svega proučavanje efekta svetlosti i temperature na klijanje semena vrste *Stellaria media* predmet je analiza u jednom publikovanom radu.

Kandidat se takođe bavio proučavanjem *ex situ* konzervacije pojedinih retkih i ugroženih biljnih taksona (iz grupe vaskularnih biljaka), kao što su *Pancreatium maritimum* i *Blackstonia perfoliata*.

Osnovne naučne aktivnosti		U periodu pre izbora u prethodno zvanje (do 2013)			U periodu nakon izbora u prethodno zvanje (posle 2013)		
		Broj naslova	Broj bodova	Ukupno bodova	Broj naslova	Broj bodova	Ukupno bodova
M13	Poglavlje u istaknutoj monografiji međunarodnog značaja	3	7	21	0	7	0
M21a	Rad u međunarodnom časopisu izuzetnih vrednosti	0	10	0	1	10	10
M21	Rad u vrhunskom međunarodnom časopisu	3	8	24	1	8	8
M22	Rad u istaknutom međunarodnom časopisu	12	5	60	12	5	60
M23	Rad u međunarodnom časopisu	21	3	63	2	3	6
M24	Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom	5	2	10	3	2	6
M32	Predavanje po pozivu sa međunarodnog skupa štampano u izvodu	0	1,5	0	2	1,5	3
M34	Saopštenje sa međunarodnog skupa štampano u izvodu	35	0,5	17,5	50	0,5	25
M51	Rad u vodećem časopisu nacionalnog značaja	10	2	20	0	2	0
M52	Rad u časopisu nacionalnog značaja	7	1,5	10,5	0	1,5	0
M63	Saopštenje sa skupa nacionalnog značaja štampano u celini	1	1	1	0	1	0
M64	Saopštenje sa skupa nacionalnog značaja štampano u izvodu	18	0,2	3,6	9	0,2	1,8
M71	Odbranjena doktorska disertacija	1	6	6	0	6	0
M72	Odbranjen magistarski rad	1	3	3	0	3	0
Ostale naučne aktivnosti							
	Učešće na međunarodnom projektu	1	2	2	0	2	0
	Učešće u projektima bilateralne saradnje	2	1	2	2	1	2
	Rukovođenje projektima bilateralne saradnje	1	2	2	1	2	2
	Učešće u nacionalnom projektu	2	1	2	2	1	2
	Rukovođenje nacionalnim potprojektom	1	2	2	1	2	2
	Recenzija publikacije kategorije M20	19	1,5	28,5	12	1,5	18
	Citati bez autocitata	239	0,1	23,9	492	0,1	49,2
UKUPNO BODOVA				302			195

Prema Pravilniku o kriterijumima za pokretanje postupka za sticanje nastavničkih zvanja na Univerzitetu u Beogradu - Biološkom fakultetu, dr Aneta Sabovljević je posle izbora u zvanje vanrednog profesora iz naučnih aktivnosti ostvarila ukupno 195 bodova (za ponovni izbor u zvanje vanrednog profesora potrebno je 24) i to: u kategorijama M10 + M20 + M30 + M40 + M50 + ostale naučne aktivnosti (član 9) = 193,2 bodova (potrebno 20), od toga iz kategorija M21a, M21,

M22, M23 = 16 radova (potrebno je najmanje 3 publikovana rada), iz kategorija M32, M34, M52, M61, M62, M63, M64, M66a = 29,8 bodova (potrebno 1,5 bodova), iz kategorija M31-M34 i M61-M64 = 61 radova (potrebno je 3 rada).

D. IZBORNI USLOVI

Uporedo sa uspešnim nastavnim i naučnim radom dr Aneta Sabovljević je angažovana i u drugim delatnostima na Biološkom fakultetu. Dr Aneta Sabovljević je od 2015. godine šef Katedre za fiziologiju biljaka, a od 2013. godine je rukovodilac modula (Fiziologija i molekularna biologija biljaka) na studijskom programu Biologija na doktorskim akademskim studijama.

Prema članu 3 Pravilnika Biološkog fakulteta i članu 13 Pravilnika Univerziteta u Beogradu u svakoj od tri kategorije potrebno je da kandidat za izbor u zvanje nastavnika ispuni najmanje po jednu odrednicu iz najmanje dva izborna uslova. Dr Aneta Sabovljević ispunjava sve potrebne uslove višestruko.

1. Stručno-profesionalni doprinos

1.1. Predsednik ili član uređivačkog odbora naučnih časopisa ili zbornika radova u zemlji ili inostranstvu

Član uređivačkog odbora u časopisu *Botanica Serbica*.

1.2. Recenzent u vodećim međunarodnim naučnim časopisima, ili recenzent međunarodnih ili nacionalnih naučnih projekata

- Recenzent u međunarodnim časopisima iz M20 kategorije: *Phytomedicine* (M21a), *International Crops and Products* (M21a), *Current pharmaceutical design* (M21), *Plant biosystems* (M22), *Biologia plantarum* (M22), *Archives of Biological Science* (M23), *International journal of Agronomy* (M24), *Botanica Serbica* (M24), *Journal of Genetic Engineering and Biotechnology* (M24), *Journal of Horticultural Research* (M24).
- Recenzent međunarodnih projekata bilateralne saradnje koje finansira Ministarstvo prosvete, nauke i tehnološkog razvoja RS. Recenzent međunarodnog projekta iz oblasti biologije koje finansira National Science Centre Poland, EU-Poljska.

1.3. Predsednik ili član organizacionog ili naučnog odbora na naučnim skupovima nacionalnog ili međunarodnog nivoa

- Član naučnog odbora Druge međunarodne konferencije biologije biljaka i XXI simpozijuma fiziologa biljaka Srbije sa međunarodnim učešćem, Petnica, 2015.

1.4. Predsednik ili član komisija za izradu završnih radova na akademskim osnovnim, master ili doktorskim studijama

- U svojstvu mentora i komentora rukovodila je izradom devet doktorskih disertacija u oblasti fiziologije i molekularne biologije biljaka i 17 master i diplomskih radova. Kao član komisije učestvovala je u izradi i odbrani tri doktorske disertacije i 18 master i diplomskih radova.

1.5. Rukovodilac ili saradnik na domaćim ili međunarodnim naučnim projektima

- Rukovodilac podprojekta u okviru nacionalnog projekta "Fiziološka, hemijska i molekularna analiza diverziteta retkih i ugroženih biljnih vrsta u cilju *ex situ* zaštite i produkcije biološki aktivnih jedinjenja" (od 2011. godine).
- Trenutno saradnik dva nacionalna i dva bilateralna projekta.
- Trenutno je rukovodilac bilateralnog projekta Srbija - Crna Gora "Biopesticidi: efekat ekstrakata mahovina na suzbijanje bolesti voćaka i vinove loze" (2016-2018. godine).

2. Doprinos akademskoj i široj zajednici

2.6. Socijalne veštine (posedovanje komunikacionih sposobnosti, sposobnosti za prezentaciju, sposobnosti za timski rad i vođenje tima)

- Rukovođenje istraživačkim timom u oblasti fiziologije briofita na Katedri za fiziologiju biljaka Biološkog fakulteta.

2.7. Sposobnost pisanja projektne dokumentacije i dobijanja domaćih i međunarodnih naučnih i stručnih projekata

- Pisanje projektnih predloga za bilateralne projekte koje finansira Ministarstvo prosvete, nauke i tehnološkog razvoja Republike Srbije.

- Aktivno učestvovala u pisanju nacionalnog projekta – 173024.

3. Saradnja sa drugim visokoškolskim, naučno-istraživačkim ustanovama, odnosno ustanovama kulture ili umetnosti u zemlji i inostranstvu

3.1. Postdoktorsko usavršavanje ili studijski boravci u inostranstvu

- Studijski boravak u Institutu za Botaniku Univerziteta u Bonu (Nemačka), u trajanju 6 meseci (DAAD stipendija, 2002-2003. god.)

- Studijsko-istraživački boravak u Institutu za Botaniku Univerziteta u Kelnu (nemačka), u trajanju 3 godine (DFG stipendija, 2004-2007. god.)

- Postdoktorsko usavršavanje, Biotehnički fakultet Univerziteta u Ljubljani (Slovenija), u trajanju 6 meseci (2012-2013. god.).

3.2. Rukovođenje ili učešće u međunarodnim naučnim ili stručnim projektima ili studijama

- Rukovodilac dva međunarodna projekta bilateralne saradnje koje finansira Ministarstvo prosvete, nauke i tehnološkog razvoja RS.

3.4. Rukovođenje ili članstvo u organu profesionalnog udruženja ili organizaciji nacionalnog ili međunarodnog nivoa

- Član Upravnog Odbora Društva za fiziologiju biljaka Srbije (2013-2017. god.)

3.5. Učešće u programima razmene nastavnika i studenata

- Učestvovala je u razmeni nastavnika i saradnika između Univerziteta u Beogradu i Univerziteta u Torinu, u okviru TEMPUS projekta (trajanje posete 1 mesec, 2008. god.)

REKAPITULACIJA KVANTITATIVNIH POKAZATELJA U NASTAVNOM I NAUČNOM RADU

	Nakon izbora u vanrednog profesora	Pre izbora u vanrednog profesora	Ukupno	Minimalni zahtevi za ponovni izbor u zvanje vanredni profesor
Nastava	92	98	192	21
Nauka	195	302	497	24
M10+M20+M30+M40+M50+ostale naučne aktivnosti	193,2	288,4	481,6	20
M11,M12,M21a, M21, M22,M23, M31	84	147	231	14
M32,M34, M52, M61, M63, M64, M66a	29,8	32,6	62,4	1,5

E. ZAKLJUČAK I MIŠLJENJE KOMISIJE

Komisija konstatuje da je dr Aneta Sabovljević, posle izbora u zvanje vanredni profesor u nastavnom radu ostvarila ukupno 92 boda (za izbor u zvanje vanredni profesor neophodan uslov je 48). U naučno-istraživačkom radu kandidatkinja je posle izbora u zvanje vanredni profesor ostvarila ukupno 195 bodova (84 iz kategorije M21, M22, M23) (neophodan uslov je 48), te sa zadovoljstvom možemo govoriti o dosadašnjem uspešnom nastavnom i naučnom radu dr Anete Sabovljević. Na osnovu ličnog poznavanja, kao i uvida u rad i razvoj dr Anete Sabovljević može se zaključiti da je kandidatkinja svojim ukupnim zalaganjem pokazala značajne rezultate i stekla renome pouzdanog i požrtvovanog pedagoga i istraživača.

Komisija smatra da je Aneta Sabovljević u proteklom izbornom periodu dala značajan doprinos unapređenju i modernizaciji nastave na Katedri za fiziologiju biljaka. Svoje teorijsko i praktično znanje na vrlo jasan i savremen način prenosi studentima osnovnih, master i doktorskih studija. Valja posebno istaći njen rad u pisanju i pripremi literature posvećene praktičnom delu nastave, kao i u angažovanju kao mentora ili člana Komisija za diplomske radove, master teze i doktorske disertacije.

Sagledavajući naučno-istraživački rad dr Anete Sabovljević, moramo da istaknemo da je kandidatkinja inicirala i osmislila istraživanja u oblasti fiziologije briofita, u kojoj je i prepoznatljiva u široj naučnoj javnosti. U naučnom radu kandidatkinja je pokazala izvrsne rezultate, veliku samostalnost i kritičnost u izboru i obradi problema, kao i izuzetnu posvećenost prilikom predstavljanja rezultata međunarodnoj naučnoj i stručnoj javnosti.

Uzimajući sve što je rečeno u obzir, nastavnu i naučnu delatnost i postignute rezultate, kao i izuzetno pozitivne kvalitete ličnosti kandidata, profesionalnost i stručnost, Komisija smatra da dr Aneta Sabovljević u potpunosti ispunjava sve neophodne zakonske i statutarne uslove, te sa zadovoljstvom predlaže Izbornom veću Biološkog fakulteta Univerziteta u Beogradu, da dr Anetu Sabovljević izabere u zvanje vanrednog profesora za užu naučnu oblast fiziologija i molekularna biologija biljaka, na Katedri za fiziologiju biljaka.

K o m i s i j a

U Beogradu, 11.09.2018.

dr Dušica Janošević, vanredni profesor
Univerzitet u Beogradu - Biološki fakultet

dr Svetlana Radović, redovni profesor
Univerzitet u Beogradu - Biološki fakultet

dr Danijela Mišić, viši naučni saradnik
Univerzitet u Beogradu - Institut za Biološka
istraživanja „Siniša Stanković“

А) ГРУПАЦИЈА ПРИРОДНО-МАТЕМАТИЧКИХ НАУКА

**С А Ж Е Т А К
РЕФЕРАТА КОМИСИЈЕ О ПРИЈАВЉЕНИМ КАНДИДАТИМА
ЗА ИЗБОР У ЗВАЊЕ**

I - О КОНКУРСУ

Назив факултета: Универзитет у Београду - Биолошки факултет
Ужа научна, односно уметничка област: Физиологија и молекуларна биологија биљака
Број кандидата који се бирају: 1
Број пријављених кандидата: 1
Имена пријављених кандидата:

1. др **Анета Сабовљевић**

II - О КАНДИДАТИМА

1) - Основни биографски подаци

- Име, средње име и презиме: **Анета (Драгољуб) Сабовљевић**
- Датум и место рођења: 15. 03. 1976., Никшић
- Установа где је запослен: Универзитет у Београду - Биолошки факултет
- Звање/радно место: ванредни професор
- Научна, односно уметничка област: Биологија

2) - Стручна биографија, дипломе и звања

Основне студије:

- Назив установе: Универзитет у Београду – Биолошки факултет
- Место и година завршетка: Београд, 2000. год.

Мастер:

- Назив установе:
- Место и година завршетка:
- Ужа научна, односно уметничка област:

Магистеријум:

- Назив установе: Универзитет у Београду - Биолошки факултет
- Место и година завршетка: Београд, 2003. год.
- Ужа научна, односно уметничка област: Физиологија биљака

Докторат:

- Назив установе: Универзитет у Београду - Биолошки факултет
- Место и година одбране: Београд, 2007. год.
- Наслов дисертације: "Функција гена одговорних за сортирање протеина у вакуолама из ESCRT-I, II и III комплекса код *Arabidopsis thaliana* (L.) Heynh"

- Ужа научна, односно уметничка област: Физиологија и молекуларна биологија биљака

Досадашњи избори у наставна и научна звања:

- 2001. - 2003.- асистент приправник, Катедра за физиологију биљака, Универзитет у Београду – Биолошки факултет
- 2003. - 2008.- асистент, Катедра за физиологију биљака, Универзитет у Београду – Биолошки факултет

- 2008. - 2013. – доцент, ужа научна област Физиологија и молекуларна биологија биљака, Универзитет у Београду – Биолошки факултет
 - 2013. – ванредни професор, ужа научна област Физиологија и молекуларна биологија биљака, Универзитет у Београду – Биолошки факултет

3) Испуњени услови за избор у звање ванредни професор

ОБАВЕЗНИ УСЛОВИ:

	<i>(заокружити испуњен услов за звање у које се бира)</i>	оцена / број година радног искуства
1	Пристапно предавање из области за коју се бира, позитивно оцењено од стране високошколске установе	
2	Позитивна оцена педагошког рада у студентским анкетама током целокупног претходног изборног периода	просечна оцена 4.87
3	Искуство у педагошком раду са студентима	17 година

	<i>(заокружити испуњен услов за звање у које се бира)</i>	Број менторства / учешћа у комисији и др.
4	Резултати у развоју научнонаставног подмлатка на факултету	Укупно(менторство/учешће у комисији): <u>Докторске дисертације:</u> 12 (9/3) <u>Дипломски и мастер радови:</u> 35 (17/18)
5	Учешће у комисији за одбрану три завршна рада на специјалистичким, односно мастер академским студијама	<u>Дипломски/мастер радови:</u> -након избора у звање ванредног професора (15) -пре избора (20)

	<i>(заокружити испуњен услов за звање у које се бира)</i>	Број радова, сапштења, цитата и др	Навести часописе, скупове, књиге и друго
6	Објављена два рада из категорије M21, M22 или M23 из научне области за коју се бира		
7	Учешће на научном или стручном скупу (категорије M31-M34 и M61-M64).		
8	Објављена три рада из категорије M21, M22 или M23 од првог избора у звање доцента из научне области за коју се бира		
9	Оригинално стручно остварење или руковођење или учешће у пројекту	10 (једно руковођење подпројектом	<u>Учешће на националном пројекту након избора у звање ванредног професора:</u> 1.Пројекат „Физиолошка, хемијска и молекуларна анализа диверзитета ретких

		<p>националног пројекта, два руковођења билатералним пројектима)</p>	<p>и угрожених биљних врста у циљу <i>ex situ</i> заштите и продукције биолошки активних једињења “ број 173024. Финансијер и трајање: МПНТР, 2011– руководилац др Данијела Мишић.</p> <p>2.Пројекат „Биодиверзитет биљног света Србије и Балканског полуострва – процена, одрживо коришћење и заштита“ број 173030. Финансијер и трајање: МПНТР 2011– руководилац проф. др Дмитар Лакушић.</p> <p><u>Учешће на међународном пројекту након избора у звање ванредног професора:</u></p> <p>1.Билатерални пројекат (Србија-Црна Гора): „Биопестициди: ефекат екстраката маховина на сузбијање болести воћака и винове лозе“ Финансијер и трајање: МПНТР 2016–2018, руководилац проф. др Анета Сабовљевић.</p> <p>2.Билатерални пројекат (Србија-Аустрија): „Утицај атмосферске депозиције Zn (II) на различите генотипове маховине <i>Atrichum undulatum</i>“ Финансијер и трајање: МПНТР 2018–2020, руководилац проф. др Марко Сабовљевић.</p> <p><u>Учешће на националном пројекту пре избора у звање ванредног професора:</u></p> <p>-1. Пројекат „Светлосна и хормонална контрола растења и развића биљака” број 1696. Финансијер и трајање: Министарство науке и заштите животне средине Републике Србије, 2002-2005 (руководилац др Драгољуб Грубишић).</p> <p>-2. Пројекат „Светлосна и хормонална контрола растења и развића биљака, размножавање <i>in vitro</i> и <i>ex situ</i> заштита ретких и угрожених врста” број 143031. Финансијер и трајање: Министарство науке Републике Србије, 2006-2010 (руководилац др Драгољуб Грубишић).</p> <p><u>Учешће на међународном пројекту пре избора у звање ванредног професора:</u></p> <p>1.Билатерални пројекат (Србија-Словенија): „Deposition of atmospheric pollutant in mosses: heavy metals, nitrogen and PAH“ Финансијер и трајање: МПНТР 2012–2013, руководилац Доц. др Анета Сабовљевић.</p> <p>2.Билатерални пројекат (Србија-Мађарска): „<i>Ex situ</i> conservation of rare and endangered bryophytes in Hungary, Serbia and Europe“ Финансијер и трајање: МПНТР 2010–2011, руководилац Доц. др</p>
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			<p>Марко Сабовљевић.</p> <p>3.Билатерални пројекат (Србија-Мађарска): „Investigation of cryptogamic flora (bryophytes and lichens) and biodiversity in Serbia and Hungary, with emphasis on habitats of rare species“ Финансијер и трајање: МПНТР 2010–2011, руководилац Проф. др Владимир Стевановић.</p> <p>4.ФП7 пројекат: „TERPMED- Plant Terpenoids for Human Health: a chemical and genomic approach to identify and produce bioactive compounds“ Финансијер и трајање: 2009–2013, руководилац Проф. др Драгољуб Грубишић.</p>
10	Одобрен и објављен уџбеник за ужу област за коју се бира, монографија, практикум или збирка задатака (са ISBN бројем)	1	1. Вујичић М., Сабовљевић А., Сабовљевић М. (2014) Практикум из физиологије растења и развића биљака. ННК, Београд. ISBN: 978-86-6157-031-5
11	Саопштена три рада на међународним или домаћим научним скуповима (категорије М31-М34 и М61-М64)		
12	Објављена два рада из категорије М21, М22 или М23 у периоду од последњег избора из научне области за коју се бира. (за поновни избор ванр. проф)	<p>16 радова: М21а (1 рад); М21 (1 рад); М22 (12 радова); М23 (2 рада)</p>	<p>1. Anicic Urosevic M, Vukovic G, Jovanovic P, Vujicic M, Sabovljević A, Sabovljević M, Tomasevic M. 2017. Urban background of air pollution: Evaluation through moss bag biomonitoring of trace elements in Botanical garden. <i>Urban Forestry and Urban Greening</i> 25: 1-10. (M21a)</p> <p>2. Sabovljevic MS, Weidinger ML, Sabovljevic A, Adlassing W, Lang I. 2018. Is binding patterns of Zn(II) equal in different bryophytes? <i>Microscopy and Microanalysis</i> 24(1): 69-74 (M21)</p> <p>3. Ellis LT, Afonina OM, Asthana AK, Gupta R, Sahu V, Nath V, Batan N, Bednarek-Ochyra H, Benitez A, (...) Sabovljevic A, Sabovljevic MS, Pawlikowski P, Plasek V, Cihal L, Sawicki J, Sergio C, Ministro P, Garcia CA, Smith VR, Stefanut S, Stow S, Suarez GM, Flores JR, Thouvenot L, Vana J, van Rooy J, Zander RH. 2014. New national and regional bryophyte records 39. <i>Journal of Bryology</i> 36(2): 134-151. (M22)</p> <p>4. Sabovljević M, Vujičić M, Pantović J, Sabovljević A. 2014. Bryophyte conservation biology: <i>in vitro</i> approach to the <i>ex situ</i> conservation of bryophytes from Europe. <i>Plant Biosystems</i> 148(4): 857-868. (M22)</p> <p>5. Ellis LT, Aleffi M, Bakalin VA, Bednarek-Ochyra H, Bergamini P, Beverigde P, (...) Mariotti MG, Sabovljević A, Sabovljević MS, Sawicki J, Schnyder N, Schumacker R, Sim-Sim M, Singh DK, Singh D, Majumdar S, Singh Deo S, Stefanut S, Suleiman M,</p>

		<p>Seng CM, Chua MS, Vana J, Venzanoni R, Bricchi E, Wigginton MJ. 2015. New national and regional bryophyte records 42. <i>Journal of Bryology</i> 37(1): 68-79. (M22)</p> <p>6.Ellis LT, Ah-Peng C, Aranda SC, Bednarek-Ochyra H, Borovichev EA, Cykowska-Marzencka B, (...) Orgaz JD, Sakamoto Y, Paiva J, Sales F, Pande N, Sabovljević MS, Pantović J, Sabovljević A, Perez-Haase A, Pinheiro da Costa D, Plasek V, Sawicki J, Szczecinska M, Chmielewski J, Potemkin A, Schafer-Verwimp A, Schofield WB, Sergio C, Sim-Sim M, Sjorgen S, Spitale D, Stebel A, Stefanut S, Suarez GM, Flores JR, Thouvenot L, Vana J, Yoon YJ, Kim JH, Zubel R. 2015. New national and regional bryophyte records 45. <i>Journal of Bryology</i> 37(4): 308-329 (M22)</p> <p>7.Ellis LT, Asthana AK, Srivastava P, Omar I, Rawat KK, Sahu V, Cano MJ, (...) Skoupa Z, Poponessi S, Aleffi M, Sabovljević MS, Sabovljević A, Saha P, Aziz MN, Sawicki J, Suleiman M, Sun BY, Vana J, Wojcik T, Yoon YJ, Zarnowiec J, Larrain J. 2016. New national and regional bryophyte records 46. <i>Journal of Bryology</i> 38(1): 47-63. (M22)</p> <p>8.Ellis LT, Alatas M, Asthana AK, Rawat KK, Sahu V, Srivastava A, Bakalin VA, Batan N, Bednarek-Ochyra H, Bester SP, (...), Sabovljević M, Sabovljević A, Saha P, Aziz MN, Schroder W, Vana J, van Rooy J, Wang J, YoonYJ, Kim JH. 2016. New national and regional bryophyte records, 47. <i>Journal of Bryology</i> 38(2): 151-167. (M22)</p> <p>9.Ellis LT, Aleffi M, Alegro A, Segota V, Asthana AK, Gupta R, Singh VJ, Bakalin VA, Bednarek-Ochyra H, (...) Parnikoza I, Peralta DF, Carmo DM, Plasek V, Skoupa Z, Poponessi S, Venanzoni R, Puche F, Purger D, Reeb C, Rios R, Rodriguez-Quiel E, Arrocha C, Sabovljević MS, Nikolić N, Sabovljević A, dos Santos EL, Segarra-Moragues JG, Stefanut S, Stoncius D, Virchenko VM, Wegrzyn M, Wietrzyk P. 2016. New national and regional bryophyte records, 48. <i>Journal of Bryology</i> 38(3): 235-259.</p> <p>10.Vujičić M, Sabovljević A, Milošević S, Segarra-Moragues JG, Sabovljević M. 2016. Effects of abscisic acid (ABA) on development of selected bryophyte species. <i>Plant Biosystems</i> 150(5): 1023-1029. (M22)</p> <p>11.Ellis LT, Ah-Peng C, Aleffi M, Barath K, Bruges M, Ruiz E, Buck WR, Czernyadjeva V, Erzberger P, Fantecelle LB, (...) Sabovljevic MS, Sabovljevic A, Schafer-Verwimp A, Wierzcholska S. 2017. New national and regional bryophyte records, 50.</p>
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			<p><i>Journal of Bryology</i> 39(1): 99-114. (M22)</p> <p>12.Sabovljević M, Vujičić M, Wang X, Garraffo M, Bewley CA, Sabovljević A. 2017. Production of the macrocyclic bis-bibenzyls in axenically farmed and wild liverwort <i>Marchantia polymorpha</i> L. subsp. <i>ruderalis</i> Bischl. et Boisselier. <i>Plant Biosystems</i> 151(3): 414-418. (M22)</p> <p>13.Ellis LT, Aleffi M, Bednarek-Ochyra H, Bakalin VA, (...) Pantovic J, Nikolić N, Sabovljević MS, Sabovljević A, Pisarenko OY, Plasek V, Skoupa Z, Poponessi S, Privitera M, Puglisi M, Skudnik M, Wang QH. 2017. New national and regional bryophyte records, 51. <i>Journal of Bryology</i> 39 (2): 177-190. (M22)</p> <p>14.Ellis LT, Afonina OM, Andriamiarisoa RL, Bednarek-Ochyra B, Cykowska-Marzencka B, (...) Plasek V, Skoupa Z, Sabovljević MS, Sabovljević A, Shevock JR, Singh DK, Majumdar S, Skudnik M, Useliene A, Venturella G, Wegrzyn P, Wietrzyk P, Yoon YJ, Kim JH, Yucel E. 2017. New National and regional bryophyte records, 53. <i>Journal of Bryology</i> 39(4): 368-387. (M22)</p> <p>15.Sabovljević MS, Sabovljević A, Ikram NKK, Peramuna A, Bae H, Simonsen HT. 2016. Bryophytes – an emerging source for herbal remedies and chemical production. <i>Plant Genetic Resources</i> 14(4): 314–327. (M23)</p> <p>16.Sabovljević MS, Segarra-Moragues JG, Puche F, Vujičić M, Cogoni A, Sabovljević A. 2016. Eco-physiological and biotechnological approach to conservation of the world-wide rare and endangered aquatic liverwort <i>Riella helicophylla</i> (Bory et Mont.) Mont. <i>Acta Botanica Croatica</i> 75(2): 194-198. (M23)</p>
13	Саопштена три рада на међународним или домаћим научним скуповима (категорије М31-М34 и М61-М64) у периоду од последњег избора из научне области за коју се бира. (за поновни избор ванр. проф)	Након избора у звање ванредног професора: <u>2xM32;</u> <u>48xM34;</u> <u>9xM64</u>	М32. Предавања по позиву: 1.Sabovljević A, Sabovljević M. 2018. Conservation physiology of bryophytes. Third International Conference on Plant Biology and 22nd SPPS Meeting, Belgrade, Serbia, 9-12.06.2018. Book of Abstracts: 81. 2.Sabovljević A, Vujičić M, Ćosić M, Sabovljević M. 2016. What do we know on salt resistance in bryophytes? Case studies on selected mosses. 5 th Croatian Botanical Symposium with international participation, 22-25.09.2016, Primosten, Croatia. Book of Abstracts: 30.
14	Објављена четири рада из категорије М21, М22 или М23 од првог избора у звање ванредног професора из научне области за коју се бира.		
15	Цитираност од 10 хетеро цитата	731	Укупно цитираних радова је 731 . У

			периоду после избора у звање ванредни професор (2013-2018. године) радови др Анете Сабовљевић су цитирани 492 пута.
16	Саопштено пет радова на међународним или домаћим скуповима од којих један мора да буде пленарно предавање или предавање по позиву на међународном или домаћем научном скупу (категорије М31-М34 и М61-М64)		
17	Књига из релевантне области, одобрен цбеник за ужу област за коју се бира, поглавље у одобреном <u>уџбенику за ужу област за коју се бира или превод иностраног уџбеника</u> одобреног за ужу област за коју се бира, објављени у периоду од избора у наставничко звање		
18	Број радова као услов за менторство у вођењу докт. дисерт. – (стандард 9 Правилника о стандардима...)	52	

4) ИЗБОРНИ УСЛОВИ:

<i>(изабрати 2 од 3 услова)</i>	<i>Заокружити ближе одреднице (најмање по једна из 2 изабрана услова)</i>
1. Стручно-професионални допринос	<p>1. Председник или члан уређивачког одбора научних часописа или зборника радова у земљи или иностранству.</p> <p>2. Рецензент у водећим међународним научним часописима, или рецензент међународних или националних научних пројеката.</p> <p>3. Председник или члан организационог или научног одбора на научним скуповима националног или међународног нивоа.</p> <p>4. Председник или члан комисија за израду завршних радова на академским основним, мастер или докторским студијама.</p> <p>5. Руководилац или сарадник на домаћим или међународним научним пројектима.</p> <p>6. Аутор/коаутор прихваћеног патента, техничког унапређења или иновације.</p> <p>7. Писма препоруке.</p>
2. Допринос академској и широј заједници	<p>1. Чланство у страним или домаћим академијама наука, или чланство у стручним или научним асоцијацијама у које се члан бира.</p> <p>2. Председник или члан органа управљања, стручног органа или комисија на факултету или универзитету у земљи или иностранству.</p> <p>3. Члан националног савета, стручног, законодавног или другог органа и комисије министарстава.</p> <p>4. Учешће у наставним активностима ван студијских програма високошколске установе (перманентно образовање, курсеви у организацији професионалних удружења и институција, програми едукације наставника) или у активностима популаризације науке</p> <p>5. Домаће и или међународне награде и признања у развоју образовања и науке.</p> <p>6. Социјалне вештине (поседовање комуникационих способности, способности за презентацију, способности за тимски рад и вођење тима).</p> <p>7. Способност писања пројектне документације и добијања домаћих и међународних научних и стручних пројеката.</p>

<p>3. Сарадња са другим високошколским, научноистраживачким установама, односно установама културе или уметности у земљи и иностранству</p>	<p>1. Постдокторско усавршавања или студијски боравци у иностранству. 2. Руководјење или учешће у међународним научним или стручним пројекатима или студијама. 3. Радно ангажовање у настави или комисијама на другим високошколским или научноистраживачким установама у земљи или иностранству, или звање гостујућег професора, или истраживача. 4. Руководјење или чланство у органу професионалног удружења или организацији националног или међународног нивоа. 5. Учешће у програмима размене наставника и студената. 6. Учешће у изради и спровођењу заједничких студијских програма. 7. Предавања по позиву на универзитетима у земљи или иностранству.</p>
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*Напомена: На крају табеле кратко описати заокружену одредницу.

4.1. Стручно-професионални допринос

4.1.1. Председник или члан уређивачког одбора научних часописа или зборника радова у земљи или иностранству

Члан уређивачког одбора у часопису *Botanica Serbica*.

4.1.2. Рецензент у водећим међународним научним часописима, или рецензент међународних или националних научних пројеката

- Рецензент у међународним часописима из М20 категорије: *Phytomedicine* (M21a), *International Crops and Products* (M21a), *Current pharmaceutical design* (M21), *Plant biosystems* (M22), *Biologia plantarum* (M22), *Archives of Biological Science* (M23), *International journal of Agronomy* (M24), *Botanica Serbica* (M24), *Journal of Genetic Engineering and Biotechnology* (M24), *Journal of Horticultural Research* (M24).

- Рецензент међународних пројеката билатералне сарадње које финансира Министарство просвете, науке и технолошког развоја РС. Рецензент међународног пројекта из области биологије које финансира National Science Centre Poland, ЕУ-Пољска.

4.1.3. Председник или члан организационог или научног одбора на научним скуповима националног или међународног нивоа

- Члан научног одбора Друге међународне конференције биологије биљака и XXI симпозијума физиолога биљака Србије са међународним учешћем, Петница, 2015.

4.1.4. Председник или члан комисија за израду завршних радова на академским основним, мастер или докторским студијама

У својству ментора и коментора руководила је израдом девет докторских дисертација у области еволуционе биологије и 17 мастер и дипломских радова. Као члан комисије учествовала је у изради и одбрани три докторске дисертације и 18 мастер и дипломских радова.

4.1.5. Руководилац или сарадник на домаћим или међународним научним пројектима

- Руководилац подпројекта у оквиру националног пројекта "Физиолошка, хемијска и молекуларна анализа диверзитета ретких и угрожених биљних врста у циљу *ex situ* заштите и продукције биолошки активних једињења" (од 2011. године).

- Тренутно сарадник два национална и два билатерална пројекта.

- Руководилац билатералног пројекта Србија - Црна Гора "Биопестициди: ефекат екстраката маховина на сузбијање болести воћака и винове лозе" (2016-2018. године).

4.2. Допринос академској и широј заједници

4.2.6. Социјалне вештине (поседовање комуникационих способности, способности за презентацију, способности за тимски рад и вођење тима)

- Руковођење истраживачким тимом у области физиологије бриофита на Катедри за физиологију биљака Биолошког факултета.

4.2.7. Способност писања пројектне документације и добијања домаћих и међународних научних и стручних пројеката

- Писање пројектних предлога за билатералне пројекте које финансира Министарство просвете, науке и технолошког развоја Републике Србије.

- Активно учествовала у писању националног пројекта – 173024.

4.3. Сарадња са другим високошколским, научно-истраживачким установама, односно установама културе или уметности у земљи и иностранству

4.3.1. Постдокторско усавршавање или студијски боравци у иностранству

- Студијски боравак у Институту за Ботанику Универзитета у Бону (Немачка), у трајању 6 месеци (DAAD стипендија, 2002-2003. год.)

- Студијско-истраживачки боравак у Институту за Ботанику Универзитета у Келну (Немачка), у трајању 3 године (DFG стипендија, 2004-2007. год.)

- Постдокторско усавршавање, Биотехнички факултет Универзитета у Љубљани, у трајању 6 месеци.

4.3.2. Руковођење или учешће у међународним научним или стручним пројектима или студијама

- Руководилац два међународна пројекта билатералне сарадње које финансира Министарство просвете, науке и технолошког развоја РС.

4.3.3. Радно ангажовање у настави или комисијама на другим високошколским или научноистраживачким установама у земљи или иностранству, или звање гостујућег професора, или истраживача

- Члан комисије за избор у научно звање већег броја истраживача на Институту за биолошка истраживања „Синиша Станковић“, Универзитет у Београду.

4.3.4. Руковођење или чланство у органу професионалног удружења или организацији националног или међународног нивоа

- Члан Управног Одбора Друштва за физиологију биљака Србије (2013-2017. год.)

4.3.5. Учесће у програмима размене наставника и студената

- Учествовала је у размени наставника и сарадника између Универзитета у Београду и Универзитета у Торину, у оквиру ТЕМПУС пројекта (трајање посете 1 месец, 2008. год.)

III - ЗАКЉУЧНО МИШЉЕЊЕ И ПРЕДЛОГ КОМИСИЈЕ

Комисија констатује да је др Анета Сабовљевић, после избора у звање ванредни професор у наставном раду остварила укупно 92 бода (за избор у звање ванредни професор неопходан услов је 48). У научно-истраживачком раду кандидаткиња је после избора у звање ванредни професор остварила укупно 195 бодова (84 из категорије M21, M22, M23) (неопходан услов је 48), те са задовољством можемо говорити о досадашњем успешном наставном и научном раду др Анете Сабовљевић. На основу личног познавања, као и увида у рад и развој др Анете Сабовљевић може се закључити да је кандидаткиња својим укупним залагањем показала значајне резултате и стекла реноме поузданог и пожртвованог педагога и истраживача.

Комисија сматра да је Анета Сабовљевић у протеклом изборном периоду дала значајан допринос унапређењу и модернизацији наставе на Катедри за физиологију биљака. Своје теоријско и практично знање на врло јасан и савремен начин преноси студентима основних, мастер и докторских студија. Ваља посебно истаћи њен рад у писању и припреми литературе посвећене практичном делу наставе, као и у ангажовању као ментора или члана Комисија за дипломске радове, мастер тезе и докторске дисертације.

Сагледавајући научно-истраживачки рад др Анете Сабовљевић, морамо да истакнемо да је кандидаткиња иницирала и осмислила истраживања у области физиологије бриофита, у којој је и препознатљива у широј научној јавности. У научном раду кандидаткиња је показала изврсне резултате, велику самосталност и критичност у избору и обради проблема, као и изузетну посвећеност приликом представљања резултата међународној научној и стручној јавности.

Узимајући све што је речено у обзир, наставну и научну делатност и постигнуте резултате, као и изузетно позитивне квалитете личности кандидата, професионалност и стручност, Комисија сматра да др Анета Сабовљевић у потпуности испуњава све неопходне законске и статутарне услове, те са задовољством предлаже Изборном већу Биолошког факултета Универзитета у Београду, да др Анету Сабовљевић изабере у звање ванредног професора за ужу научну област физиологија и молекуларна биологија биљака, на Катедри за физиологију биљака.

Београд, 11.09.2018.

КОМИСИЈА

др Душица Јаношевић, ванредни професор
Универзитет у Београду-Биолошки факултет

др Светлана Радовић, редовни професор
Универзитет у Београду-Биолошки факултет

др Данијела Мишић, виши научни сарадник
Универзитет у Београду-Институт за биолошка истраживања
„Синиша Станковић“

ПРИМЉЕНО: 16. 07. 2018			
Орг. јед.	Број	Прилог	Вредност
	753/1		

Образац 5

Изјава о изворности

Име и презиме кандидата **Анета Сабовљевић**

Сагласно члану 26. став 3. Кодекса професионалне етике Универзитета у Београду,

ИЗЈАВЉУЈЕМ

- да је сваки мој рад и достигнуће, изворни резултат мог интелектуалног рада и да тај рад не садржи никакве изворе, осим оних који су наведени у раду,
- да нисам кршио/ла ауторска права и користио/ла интелектуалну својину других лица.

У Београду, 13.07.2018

Потпис аутора

Aneta Sabovljenic

др Анета Сабовљевић