

Ústav zoológie SAV



**Správa o činnosti organizácie SAV
za rok 2018**

Bratislava
január 2019

Obsah osnovy Správy o činnosti organizácie SAV za rok 2018

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PRÍLOHY

- A Zoznam zamestnancov a doktorandov organizácie k 31.12.2018*
- B Projekty riešené v organizácii*
- C Publikáčná činnosť organizácie*
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- E Medzinárodná mobilita organizácie*
- F Vedecko-popularizačná činnosť pracovníkov organizácie SAV*

1. Základné údaje o organizácii

1.1. Kontaktné údaje

Názov: Ústav zoológie SAV

Riaditeľ: RNDr. Dušan Žitňan, DrSc.

Zástupca riaditeľa: Ing. Ladislav Roller, PhD.

Vedecký tajomník: doc. RNDr. Ľubomír Vidlička, CSc.

Predseda vedeckej rady: Ing. Ladislav Roller, PhD.

Člen snemu SAV: RNDr. Dušan Žitňan, DrSc.

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Názvy a adresy detašovaných pracovísk:

- **Terénna výskumná stanica v Gabčíkove**
Gabčíkovo 1315

Vedúci detašovaných pracovísk:

- **Terénna výskumná stanica v Gabčíkove**
RNDr. Ferdinand Šporka, DrSc.

Typ organizácie: Príspevková od roku 1992

1.2. Údaje o zamestnancoch

Tabuľka 1a Počet a štruktúra zamestnancov

Štruktúra zamestnancov	K	K		K do 35 rokov		F	P	T
		M	Ž	M	Ž			
Celkový počet zamestnancov	48	28	20	8	4	47	40.4	18.9
Vedeckí pracovníci	32	22	10	4	1	31	24.81	18.8
Odborní pracovníci VŠ (výskumní a vývojoví zamestnanci ¹)	5	3	2	3	2	5	3.3	0.1
Odborní pracovníci VŠ (ostatní zamestnanci ²)	3	1	2	1	0	3	3	0
Odborní pracovníci ÚS	6	1	5	0	1	6	6.29	0
Ostatní pracovníci	2	1	1	0	0	2	3	0

¹ odmeňovaní podľa 553/2003 Z.z., príloha č. 5

² odmeňovaní podľa 553/2003 Z.z., príloha č. 3 a č. 4

K – kmeňový stav zamestnancov v pracovnom pomere k 31.12.2018 (uvádzať zamestnancov v pracovnom pomere, vrátane riadnej materskej dovolenky, zamestnancov pôsobiacich v zahraničí, v štátnych funkciách, členov Predsedníctva SAV,

zamestnancov pôsobiacich v zastupiteľských zboroch)

F – fyzický stav zamestnancov k 31.12.2018 (bezriadnej materskej dovolenky, zamestnancov pôsobiacich v zahraničí v štátnych funkciách, členov Predsedníctva SAV, zamestnancov pôsobiacich v zastupiteľských zboroch)

P – celoročný priemerný prepočítaný počet zamestnancov

T – celoročný priemerný prepočítaný počet riešiteľov projektov

M, Ž – muži, ženy

Tabuľka 1b Štruktúra vedeckých pracovníkov (kmeňový stav k 31.12.2018)

Rodová skladba	Pracovníci s hodnosťou				Vedeckí pracovníci v stupňoch		
	DrSc.	CSc./PhD.	prof.	doc.	I.	II.a.	II.b.
Muži	4	20	2	2	5	11	6
Ženy	0	11	0	0	0	6	4

Tabuľka 1c Štruktúra pracovníkov podľa veku a rodu, ktorí sú riešiteľmi projektov

Veková štruktúra (roky)	< 31	31-35	36-40	41-45	46-50	51-55	56-60	61-65	> 65
Muži	1	3	0	2	1	1	2	3	2
Ženy	0	1	2	2	0	0	1	1	0

Tabuľka 1d Priemerný vek zamestnancov organizácie k 31.12.2018

	Kmeňoví zamestnanci		Vedeckí pracovníci		Riešitelia projektov	
	A	B	A	B	A	B
Muži	47.3	46.4	50.6	49.3	49.9	51.2
Ženy	43.5	44.0	42.7	42.7	45.3	45.3
Spolu	45.7	45.3	48.2	46.9	48.4	49.2

A - Prepočet bez zohľadnenia úväzkov zamestnancov

B - Prepočet so zohľadnením úväzkov zamestnancov

1.3. Iné dôležité informácie k základným údajom o organizácii a zmeny za posledné obdobie (v zameraní, v organizačnej štruktúre a pod.)

2. Vedecká činnosť

2.1. Domáce projekty

Tabuľka 2a Domáce projekty riešené v roku 2018

ŠTRUKTÚRA PROJEKTOV	Počet		Čerpané financie (€)					
	A	B	A				B	
			Zo zdrojov SAV		Z iných zdrojov		Zo zdrojov SAV	Z iných zdrojov
			Spolu	Pre organizáciu	Spolu	Pre organizáciu		
1. Projekty VEGA	8	2	-	-	60502	60502	-	6671
2. Projekty APVV	3	4	-	-	153047	133357	-	64839
3. Projekty OP ŠF	0	0	-	-	-	-	-	-
4. Projekty SASPRO	0	0	-	-	-	-	-	-
5. Projekty centier excelentnosti SAV	0	0	-	-	-	-	-	-
6. Iné projekty (FM EHP, ŠPVV, Vedecko-technické projekty, ESF, na objednávku rezortov a pod.)	0	0	-	-	-	-	-	-

A - organizácia je nositeľom projektu

B - organizácia sa zmluvne podieľa na riešení projektu

Tabuľka 2b Domáce projekty podané v roku 2018

Štruktúra projektov	Miesto podania	Organizácia nositeľom projektu	je Organizácia sa zmluvne podieľa na riešení projektu
1. Účasť na nových výzvach APVV r. 2018	Bratislava	2	1
2. Projekty výziev OP ŠF podané r. 2018	Bratislava		
	Regióny		

2.2. Medzinárodné projekty

2.2.1. Medzinárodné projekty riešené v roku 2018

Tabuľka 2c Medzinárodné projekty riešené v roku 2018

ŠTRUKTÚRA PROJEKTOV	Počet		Čerpané financie (€)					
	A	B	A				B	
			Zo zdrojov SAV		Z iných zdrojov		Zo zdrojov SAV	Z iných zdrojov
			Spolu	Pre organizáciu	Spolu	Pre organizáciu		
1. Projekty 7. RP EÚ a Horizont 2020	0	0	-	-	-	-	-	-
2. Projekty ERA.NET, ESA, JRP	0	0	-	-	-	-	-	-
3. Projekty COST	0	0	-	-	-	-	-	-
4. Projekty EUREKA, NATO, UNESCO, CERN, IAEA, IVF, ERDF a iné	0	2	-	-	-	-	-	5000
5. Projekty v rámci medzivládnych dohôd	0	0	-	-	-	-	-	-
6. Bilaterálne projekty MAD	0	0	-	-	-	-	-	-
7. Bilaterálne projekty ostatné	0	0	-	-	-	-	-	-
8. Podpora MVTs z národných zdrojov (SAV, APVV a iné)	0	1	-	-	-	-	-	4480
9. Iné projekty	0	2	-	-	-	-	-	-

A - organizácia je nositeľom projektu

B - organizácia sa zmluvne podieľa na riešení projektu

2.2.2. Medzinárodné projekty Horizont 2020 podané v roku 2018

Tabuľka 2d Počet projektov Horizont 2020 v roku 2018

	A	B
Počet podaných projektov Horizont 2020		

A - organizácia je nositeľom projektu

B - organizácia sa zmluvne podieľa na riešení projektu

Údaje k domácim a medzinárodným projektom sú uvedené v Prílohe B.

2.2.3. Zámery na čerpanie štrukturálnych fondov EÚ v ďalších výzvach

2.3. Najvýznamnejšie výsledky vedeckej práce (maximálne 1000 znakov + 1 obrázok; bibliografický údaj uvádzajte rovnako ako v zozname publikačnej činnosti, vrátane IF)

2.3.1. Základný výskum

Podmienky, ktorým je organizmus vystavený počas svojho vývinu majú často účinky pretrvávajúce až do dospelosti. U modelového organizmu *Drosophila melanogaster* je veľmi dobre známe, že vysoká hustota lariev má výrazný vplyv na rôzne vlastnosti ako napr. na veľkosť tela, odolnosť voči hladovaniu alebo dĺžku života. Presný mechanizmus tohto fenoménu však nie je známy. V našej štúdií sme ukázali, že účinok vysokej larválnej hustoty na rôzne biologické vlastnosti môže byť vysvetlený zníženou dostupnosťou kvasiniek v potrave lariev. Kvasinky sú pre drozofilu významným zdrojom proteínov a sterolov.

Potrava chudobná na kvasinky má podobný efekt ako vysoká larválna hustota, tj. vedie k predĺženiu vývinu, zmenšeniu veľkosti tela, zvýšeniu množstva tukových zásob, zvýšenej odolnosti voči hladovaniu a k predĺženiu života. Naopak, efekt zvýšenej larválnej hustoty môže byť potlačený zvýšením koncentrácie kvasiniek v larválnej potrave. Naše výsledky tak ukazujú, že účinok vysokej larválnej hustoty na vlastnosti dospelých jedincov je do veľkej miery podmienený zníženou dostupnosťou kvasiniek v potrave v dôsledku zvýšenej larválnej kompetície.



1. KLEPSATEL, Peter – PROCHÁZKA, Emanuel – GÁLIKOVÁ, Martina. Crowding of *Drosophila* larvae affects lifespan and other life-history traits via reduced availability of dietary yeast. In *Experimental Gerontology*, 2018, vol. 110, p. 298-308. (3.224 – IF2017). (2018 – Current Contents). ISSN 0531-5565. Kategória: **ADCA**

2.3.2. Aplikačný typ

Kliešte sú z medicínskeho a veterinárneho hľadiska významné prenášače širokej škály patogénnych mikroorganizmov a parazitov, ktoré celosvetovo spôsobujú závažné ochorenia ľudí a zvierat. K prenosu väčšiny týchto patogénov dochádza prostredníctvom slín kliešťov počas cicania krvi hostiteľov. Sliny kliešťov obsahujú veľké množstvo rôznorodých molekúl s rôznymi vlastnosťami a funkciami, avšak iba u malého percenta týchto molekúl je ich funkcia objasnená. Bioaktívne látky v slinách kliešťov, okrem ich úlohy pri prenose patogénov, sa podieľajú aj v procesoch, ktoré zabezpečujú ochranu kliešťov pred obrannými reakciami hostiteľov (hemostáza, vrodenná a získaná imunita, hojenie rán), čím zabezpečujú prežívanie a rozmnožovanie kliešťov. Tieto bioaktívne látky môžu slúžiť ako základ pre vývoj vakcín proti kliešťom a vakcín blokujúcich prenos patogénov, ako aj liečiv pri poruchách hemostázy a imunitného systému, a nádorových ochoreniach. Niektoré vakcíny a liečivá vyvíjané na báze slinných molekúl kliešťov sú už vo fáze preklinického a klinického testovania. Každým dňom sa prehlbujú naše poznatky o (1) manipulácii obranných reakcií hostiteľov kliešťami s cieľom zabezpečiť cicanie krvi a prenos patogénov a (2) o stratégiách patogénnych mikroorganizmov obísť obranné reakcie hostiteľov a prežiť v rôznych biologických systémoch. V dvoch kapitolách v rozsahu monografie sme zhrnuli doterajšie poznatky o molekulách v slinných žľazách kliešťov, ktoré sú perspektívne z hľadiska ich využitia v humánnej a veterinárnej medicíne a poukázali sme na nové trendy v štúdiu transkriptómov a proteómov kliešťov a nové stratégie eliminácie kliešťov a kliešťami prenášaných nákaz.

1. BONNET, Sarah - KAZIMÍROVÁ, Mária - RICHARDSON, Jennifer - ŠIMO, Ladislav. Tick Saliva and Its Role in Pathogen Transmission. In Skin and Arthropod Vectors. - GB : Elsevier, 2018, p. 121- 192. ISBN 978-0-12-811436-0 Kategória: **ABA**
2. KAZIMÍROVÁ, Mária - BARTÍKOVÁ, Pavlína - ŠTIBRÁNIOVÁ, Iveta. Tick-Borne Viruses and Host Skin Interface. In Skin and Arthropod Vectors. - GB : Elsevier, 2018, p. 325-384. ISBN 978-0-12-811436-0 Kategória: **ABA**

2.3.3. Medzinárodné vedecké projekty

Vplyv klímy a využívania krajiny na časovú a priestorovú variabilitu kliešťami prenášaných baktérií v Európe

Výskyt kliešťami prenášaných chorôb spôsobených baktériami *Borrelia burgdorferi* sensu lato, *Anaplasma phagocytophilum* a *Rickettsia* spp. sa v Európe v posledných desaťročiach zvyšuje. Predpovedanie akarologického rizika predstavuje preto komplexnú výzvu. Cieľom výskumu bolo vyhodnotenie časovo-priestorovej variability vo výskyte baktérií *B. burgdorferi* s.l., *A. phagocytophilum* a *Rickettsia* spp. v nymfách kliešťa *Ixodes ricinus* z vegetácie. Testované boli vzťahy medzi početnosťou nýmfov a hustotou infikovaných nýmfov kombináciou environmentálnych (normalizovaný diferenčný vegetačný index (NDVI), povrchová teplota pôdy (LST)) a klimatických (zrážky) parametrov. Dáta boli porovnávané v rámci piatich európskych krajín (Taliansko, Nemecko, Česká republika, Slovensko a Maďarsko), v rôznych typoch biotopov lísiacich sa v stupni antropizácie (poľnohospodárske, mestské a prirodzené). Výsledky ukazujú, že relatívna početnosť nýmfov bola významne ovplyvnená klimatickými faktormi, ako sú vyššie hodnoty indexu NDVI, ktoré boli zaznamenané v období odberu vzoriek, zatiaľ čo vplyv stupňa antropizácie nebol pozorovaný. Avšak, hustota infikovaných nýmfov závisela od sledovaného patogénu a taktiež aj od stupňa antropizácie. Získané výsledky prispeli k lepšiemu pochopeniu faktorov, ktoré ovplyvňujú výskyt kliešťami prenášaných patogénov na lokalitách s rôznym stupňom antropického využívania v strednej Európe a poskytujú základ pre cielenejšie ekologické štúdie podobného zamerania.

1. ROSÀ, Roberto – ANDREO, Veronica – TAGLIAPIETRA, Valentina – BARÁKOVÁ, Ivana – ARNOLDI, Daniele – HAUFFE, Heidi Christine – MANICA, Mattia – ROSSO, Fausta – BLAŇAROVÁ, Lucia – BONA, Martin – DERDÁKOVÁ, Markéta – HAMŠÍKOVÁ, Zuzana – KAZIMÍROVÁ, Mária – KRALJIK, Jasna – KOCIANOVÁ, Elena – MAHRÍKOVÁ, Lenka – MINICHOVÁ, Lenka – MOŠANSKÝ, Ladislav – SLOVÁK, Mirko – STANKO, Michal – ŠPITALSKÁ, Eva – DUCHEYNE, Els – NETELER, Markus – HUBÁLEK, Zdenek – RUDOLF, Ivo – VENCLIKOVA, Kristyna – SILAGHI, Cornelia – OVERZIER, Evelyn – FARKAS, Robert – FÖLDVÁRI, Gábor – HORNOK, Sándor – TAKÁCS, Nóra – RIZZOLI, Annapaola. Effect of Climate and Land Use on the Spatio-Temporal Variability of Tick-Borne Bacteria in Europe. In International Journal of Environmental Research and Public Health, 2018, 15 (4): 732. (2.145 - IF2017). (2018 - Current Contents). ISSN 1661-7827. Kategória: **ADCA**

2.4. Publikačná činnosť (zoznam je uvedený v prílohe C)

Tabuľka 2e Štatistika vybraných kategórií publikácií

PUBLIKAČNÁ A EDIČNÁ ČINNOSŤ	Počet v r. 2018/ doplňky z r. 2017
1. Vedecké monografie a monografické štúdie vydané v domácich vydavateľstvách (AAB, ABB)	0 / 0
2. Vedecké monografie a monografické štúdie vydané v zahraničných vydavateľstvách (AAA, ABA)	2 / 0
3. Odborné monografie, vysokoškolské učebnice a učebné texty vydané v domácich vydavateľstvách (BAB, ACB, CAB)	1 / 0
4. Odborné monografie a vysokoškolské učebnice a učebné texty vydané v zahraničných vydavateľstvách (BAA, ACA, CAA)	0 / 0
5. Kapitoly vo vedeckých monografiách vydaných v domácich vydavateľstvách (ABD)	0 / 0
6. Kapitoly vo vedeckých monografiách vydaných v zahraničných vydavateľstvách (ABC)	0 / 0
7. Kapitoly v odborných monografiách, vysokoškolských učebniciach a učebných textoch vydaných v domácich vydavateľstvách (BBB, ACD)	0 / 0
8. Kapitoly v odborných monografiách, vysokoškolských učebniciach a učebných textoch vydaných v zahraničných vydavateľstvách (BBA, ACC)	0 / 0
9. Vedecké práce registrované v Current Contents Connect (ADCA, ADCB, ADDA, ADDB)	45 / 0
10. Vedecké práce registrované vo Web of Science Core Collection alebo Scopus (ADMA, ADMB, ADNA, ADNB)	14 / 0
11. Vedecké práce v ostatných domácich časopisoch (ADFA, ADFB)	4 / 1
12. Vedecké práce v ostatných zahraničných časopisoch (ADEA, ADEB)	2 / 0
13. Vedecké práce v domácich recenzovaných zborníkoch (AEDA)	0 / 0
14. Vedecké práce v zahraničných recenzovaných zborníkoch (AECA)	1 / 0
15. Publikované príspevky na domácich vedeckých konferenciách (AFB, AFD)	3 / 0
16. Publikované príspevky na zahraničných vedeckých konferenciách (AFA, AFC)	0 / 0
17. Vydané periodiká evidované v CCC, WoS Core Collection, SCOPUS	1
18. Ostatné vydané periodiká	0
19. Zostavovateľské práce knižného charakteru (FAI)	1 / 0
20. Preklady vedeckých a odborných textov (EAJ)	0 / 0
21. Heslá v odborných terminologických slovníkoch a encyklopédiách (BDA, BDB)	0 / 0
22. Recenzie v časopisoch a zborníkoch (EDI)	0 / 0

Evidujú len tie práce zamestnancov a doktorandov, v ktorých je uvedená afiliácia k organizácii

Tabuľka 2f Štatistika vedeckých prác podľa kvartilu vedeckého časopisu

Kvartil vedeckého časopisu	Q1	Q2	Q3	Q4	Spolu
Podľa IF z r. 2017 (zdroj JCR) <i>Počet článkov / doplnky 2016</i>	15 / 0	18 / 0	13 / 0	10 / 0	56 / 0
Podľa SJR z r. 2017 (zdroj Scimago) <i>Počet článkov / doplnky 2016</i>	24 / 0	20 / 0	14 / 0	1 / 0	59 / 0

Tabuľka 2g Ohlasy

OHLASY	Počet v r. 2017/ doplnky z r. 2016
Citácie vo WOS (1.1, 2.1)	1143 / 119
Citácie v SCOPUS (1.2, 2.2)	257 / 59
Citácie v iných citačných indexoch a databázach (9, 10, 3.2, 4.2)	6 / 1
Citácie v publikáciách neregistrovaných v citačných indexoch (3, 4, 3.1, 4.1)	105 / 12
Recenzie na práce autorov z organizácie (5, 6, 7, 8)	0 / 0

2.5. Aktívna účasť na vedeckých podujatiach

Tabuľka 2h Vedecké podujatia

Prednášky a vývesky na medzinárodných vedeckých podujatiach	9
Prednášky a vývesky na domácich vedeckých podujatiach	35

2.6. Vyžiadané prednášky

2.6.1. Vyžiadané prednášky na medzinárodných vedeckých podujatiach

2.6.2. Vyžiadané prednášky na domácich vedeckých podujatiach

Ľubomír Vidlička: Šváby - naši a tí druhí. XV. seminár DDD - Štrbské Pleso 2018. Seminár Cechu profesionálov DDD s medzinárodnou účasťou. Štrbské Pleso 14.-16.11.2018.

2.6.3. Vyžiadané prednášky na významných vedeckých inštitúciách

Ľubomír Vidlička: Švehly a vši - naši súputníci. Slovenské národné múzeum - Prírodovedné múzeum, Bratislava, 17.4.2018. (Prednáška k výstave Mikrokozmos)

Mária Kazimírová: Dve tváre kliešťov. Slovenské národné múzeum - Prírodovedné múzeum, Bratislava, 15.5.2018. (Prednáška k výstave Mikrokozmos)

Ak boli príspevky publikované, sú súčasťou prílohy C, kategória (AFC, AFD, AFE, AFF, AFG, AFH)

2.7. Patentová a licenčná činnosť na Slovensku a v zahraničí v roku 2018

2.7.1. Vynálezy, na ktoré bol udelený patent

2.7.2. Prihlásené vynálezy

2.7.3. Predané licencie

2.7.4. Realizované patenty

Finančný prínos pre organizáciu SAV v roku 2018 a súčet za predošlé roky sa neuvádzajú, ak je zverejnenie v rozpore so zmluvou súvisiacou s realizáciou patentu.

2.8. Účasť expertov na hodnotení národných projektov (APVV, VEGA a iných)

Tabuľka 2i Experti hodnotiaci národné projekty

Meno pracovníka	Typ programu/projektu/výzvy	Počet hodnotených projektov
Kazimírová Mária	KEGA	1
Kočí Juraj	VEGA	1
Kraljik Jasna	KEGA	1
Prokop Pavol	Grantová agentúra Univerzity Karlovi	2
Roller Ladislav	VEGA	4
Rusňáková Tarageľová Veronika	VEGA	1
Vidlička Ľubomír	VEGA	4

2.9. Účasť na spracovaní hesiel do encyklopédie Beliana

Počet autorov hesiel: 2

2.10. Recenzovanie publikácií a príspevkov vo vedeckých časopisoch

Tabuľka 2j Počet recenzovaných monografií, článkov, zborníkov

Meno pracovníka	Knížné monografie		Príspevky v časopisoch			Zborníky	
	Domáce	Zahra-ničné	WoS, SCOPUS	Iné databázy	Ostatné	Domáce	Zahra-ničné
Darolová Alžbeta	1	0	1	0	0	0	0
Derdáková Markéta	0	0	3	0	0	0	0
Didyk Yuliya	0	0	2	0	0	0	0
Kazimírová Mária	0	0	12	4	1	0	1
Klepsatel Peter	0	0	3	0	0	0	0
Kraljik Jasna	0	0	1	0	0	0	0
Prokop Pavol	0	0	12	0	0	0	0
Roller Ladislav	0	0	0	0	2	1	0
Semelbauer Marek	0	0	3	1	0	0	0
Stanko Michal	0	0	6	0	0	0	0
Šustek Zbyšek	0	0	4	0	0	0	0
Václav Radovan	0	0	4	1	0	0	0
Vidlička Ľubomír	0	0	7	0	5	2	0
Žitňan Dušan	0	0	8	0	0	0	0
Spolu	1	0	66	6	8	3	1

2.11. Iné informácie k vedeckej činnosti.

Rok 2018 bol pre Ústav zoológie SAV opäť mimoriadne úspešný v publikačnej oblasti. Pracovníci ÚZ SAV boli autormi a spoluautormi 2 kapitol v zahraničnej monografii (v rozsahu monografií), článkov publikovaných vo Physiological Science (IF 6,128), Travel medicine and infectious disease (IF 4,450), Molecular Phylogenetics and Evolution (IF 4,412) a Plos Neglected Tropical Diseases (IF 4,367). Celkovo publikovali takmer 60 článkov v kvalitných impaktovaných časopisoch (2 články na pracovníka). Vysoké nároky na kvalitu výsledkov a publikačných výstupov sú trvalou prioritou ústavu.

3. Doktorandské štúdium, iná pedagogická činnosť a budovanie ľudských zdrojov pre vedu a techniku

3.1. Údaje o doktorandskom štúdiu

Tabuľka 3a Počet doktorandov v roku 2018

Forma	Počet k 31.12.2018						Počet ukončených doktorantúr v r. 2018					
	Doktorandi						Ukončenie z dôvodov					
	celkový počet		z toho novoprijatí		po skúške		ukončenie úspešnou obhajobou		predčasné ukončenie		neúspešné ukončenie	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Denná zo zdrojov SAV	2	6	1	4	0	0	1	2	0	0	0	0
Denná z iných zdrojov	1	0	0	0	0	0	0	0	0	0	0	0
Externá	0	0	0	0	0	0	1	0	0	0	0	0
Spolu	3	6	1	4	0	0	2	2	0	0	0	0
Súhrn	9		5		0		4		0		0	

Uvádza sa len doktorandov organizácie ako externej vzdelávacej inštitúcie

3.2. Zmena formy doktorandského štúdia

Tabuľka 3b Počty priradení z dennej formy na externú a z externej na dennú

Pôvodná forma	Denná z prostriedkov SAV	Denná z prostriedkov SAV	Denná z iných zdrojov	Denná z iných zdrojov	Externá	Externá
Nová forma	Denná z iných zdrojov	Externá	Denná z prostriedkov SAV	Externá	Denná z prostriedkov SAV	Denná z iných zdrojov
Počet	0	0	0	0	0	0

3.3. Zoznam doktorandov, ktorí ukončili doktorandské štúdium úspešnou obhajobou

Tabuľka 3c Menný zoznam ukončených doktorandov v roku 2018 úspešnou obhajobou

Meno doktoranda	Forma DŠ	Mesiac, rok nástupu na DŠ	Mesiac, rok obhajoby	Číslo a názov študijného odboru	Meno a organizácia školiteľa	Fakulta udeľujúca vedeckú hodnotu
Mgr. Juraj Čačaný	externé štúdium	9 / 2011	8 / 2018	4.2.5 zoológia	Ing. Tomáš Čejka PhD., Ústav zoológie SAV	Prírodovedecká fakulta UK
Mgr. Michal Chvostáč	interné štúdium hrazené z prostriedkov SAV	9 / 2013	11 / 2018	4.2.3 molekulárna biológia	MVDr. Markéta Derdáková PhD., Ústav zoológie SAV	Prírodovedecká fakulta UK
Mgr. Darina Šípošová	interné štúdium hrazené z prostriedkov SAV	9 / 2014	8 / 2018	4.2.5 zoológia	RNDr. Fedor Čiampor PhD, Ústav zoológie SAV	Prírodovedecká fakulta UK
Mgr. Tatiana Vaculová	interné štúdium hrazené z prostriedkov SAV	9 / 2013	8 / 2018	4.2.5 zoológia	Mgr. Veronika Rusňáková Taragel'ová PhD., Ústav zoológie SAV	Prírodovedecká fakulta UK

Zoznam interných a externých doktorandov je uvedený v prílohe A.

3.4. Medzinárodné doktorandské štúdium

Tabuľka 3d Počet študentov v medzinárodných programoch doktorandského štúdia

Cotutelle	Co-direction	Iné	Zahraniční doktorandi
0	0	1	1

3.5. Zoznam akreditovaných študijných odborov s uvedením VŠ

Tabuľka 3e Zoznam akreditovaných študijných odborov s uvedením univerzity/vysokej školy a fakulty, kde sa doktorandský študijný program uskutočňuje

Názov študijného odboru (ŠO)	Číslo ŠO	Doktorandské štúdium uskutočňované na (univerzita/vysoká škola a fakulta)
molekulárna biológia	4.2.3	Prírodovedecká fakulta UK
zoológia	4.2.5	Fakulta veterinárneho lékařství, Veterinární a farmaceutická univerzita Brno
zoológia	4.2.5	Prírodovedecká fakulta UK
zoológia	4.2.5	University of Zagreb, Chorvátsko

Tabuľka 3f Účasť na pedagogickom procese

Menný prehľad pracovníkov, ktorí boli menovaní do spoločných odborových komisií pre doktorandské štúdium	Menný prehľad pracovníkov, ktorí pôsobili ako členovia vedeckých rád univerzít, správnych rád univerzít a fakúlt	Menný prehľad pracovníkov, ktorí získali vyššiu vedeckú, pedagogickú hodnotu alebo vyšší kvalifikačný stupeň
prof. PaedDr. Pavol Prokop, DrSc. (ochrana a využívanie krajiny)	prof. PaedDr. Pavol Prokop, DrSc. (Prírodovedecká fakulta UK)	prof. PaedDr. Pavol Prokop, DrSc. (I)
Ing. Ladislav Roller, PhD. (zoológia)	doc. RNDr. Ľubomír Vidlička, CSc. (Slovenské národné múzeum)	Mgr. Michal Chvostáč, PhD. (PhD., Univerzita Komenského v Bratislave)
doc. RNDr. Michal Stanko, DrSc. (zoológia)		prof. PaedDr. Pavol Prokop, DrSc. (DrSc., Slovenská Akadémia Vied)
RNDr. Ferdinand Šporka, DrSc. (zoológia)		prof. PaedDr. Pavol Prokop, DrSc. (prof., Jihočeská univerzita v Českých Budejovicích, Česká republika)
RNDr. Ferdinand Šporka, DrSc. (všeobecná ekológia a ekológia jedinca a populácií)		Mgr. Tatiana Vaculová, PhD. (PhD., Prírodovedecká fakulta UK)
Mgr. Peter Vršanský, PhD. (paleontológia)		
RNDr. Dušan Žitňan, DrSc. (molekulárna biológia)		

3.6. Údaje o pedagogickej činnosti

Tabuľka 3g Prednášky a cvičenia vedené v roku 2018

PEDAGOGICKÁ ČINNOSŤ	Prednášky		Cvičenia a semináre	
	doma	v zahraničí	doma	v zahraničí
Počet prednášateľov alebo vedúcich cvičení	2	0	5	0
Celkový počet hodín v r. 2018	15	0	114	0

Prehľad prednášateľov predmetov a vedúcich cvičení, s uvedením názvu predmetu, úväzku, katedry, fakulty, univerzity/vysokej školy je uvedený v prílohe D.

Tabuľka 3h Aktivity pracovníkov na VŠ

1.	Počet pracovníkov, ktorí pôsobili ako vedúci alebo konzultanti diplomových a bakalárskych prác	10
2.	Počet vedených alebo konzultovaných diplomových a bakalárskych prác	15
3.	Počet pracovníkov, ktorí pôsobili ako školitelia doktorandov (PhD.)	7
4.	Počet školených doktorandov (aj pre iné inštitúcie)	10
5.	Počet oponovaných dizertačných a habilitačných prác	5
6.	Počet pracovníkov, ktorí oponovali dizertačné a habilitačné práce	3
7.	Počet pracovníkov, ktorí pôsobili ako členovia komisií pre obhajoby DrSc. prác	1
8.	Počet pracovníkov, ktorí pôsobili ako členovia komisií pre obhajoby PhD. prác	3
9.	Počet pracovníkov, ktorí pôsobili ako členovia komisií, resp. oponenti v inauguračnom alebo habilitačnom konaní na vysokých školách	2

3.7. Iné dôležité informácie k pedagogickej činnosti

Ústav zoológie SAV je akreditovaným školiacim pracoviskom pre odbory Zoológia a Molekulárna biológia ako externá vzdelávacia inštitúcia PriF UK v Bratislave.

4. Medzinárodná vedecká spolupráca

4.1. Medzinárodné vedecké podujatia

4.1.1. Medzinárodné vedecké podujatia, ktoré organizácia SAV organizovala v roku 2018 alebo sa na ich organizácii podieľala, s vyhodnotením vedeckého a spoločenského prínosu podujatia

4.1.2. Medzinárodné vedecké podujatia, ktoré usporiada organizácia SAV v roku 2019 (anglický a slovenský názov podujatia, miesto a termín konania, meno, telefónne číslo a e-mail zodpovedného pracovníka)

4.1.3. Počet pracovníkov v programových a organizačných výboroch medzinárodných konferencií

Tabuľka 4a Programové a organizačné výbory medzinárodných konferencií

Meno pracovníka	Programový	Organizačný	Programový i organizačný
Spolu			

4.2. Členstvo a funkcie v medzinárodných orgánoch

4.2.1. Členstvo a funkcie v medzinárodných vedeckých spoločnostiach, úniách a národných komitétach SR

RNDr. Alžbeta Darolová, CSc.

Česká ornitologická spoločnosť (funkcia: člen)

MVDr. Markéta Derdáková, PhD.

European society for clinical microbiology and infectious diseases (funkcia: člen)

RNDr. Ferdinand Šporka, DrSc.

IAD - International Associations for Danube Research (funkcia: člen)

Ing. Zbyšek Šustek, CSc.

Asociación Internacional de Coleopterología, Barcelona, Espana (funkcia: člen)

Mgr. Radovan Václav, PhD.

Česká a slovenská etologická spoločnosť (funkcia: člen)

doc. RNDr. Ľubomír Vidlička, CSc.

Deutsche Gesellschaft für Orthopterologie (funkcia: člen)

4.3. Účasť expertov na hodnotení medzinárodných projektov (EÚ RP, ESF a iných)

Tabuľka 4b Experti hodnotiaci medzinárodné projekty

Meno pracovníka	Typ programu/projektu/výzvy	Počet hodnotených projektov
-----------------	-----------------------------	-----------------------------

4.4. Najvýznamnejšie prínosy MVTs ústavu vyplývajúce z mobility a riešenia medzinárodných projektov a iné informácie k medzinárodnej vedeckej spolupráci

V rámci medzinárodného projektu „Evolúcia a ochrana veľkoplošných primárnych ekosystémov“ (AMBA) boli dosiahnuté tieto výsledky:

Zanalyzovali sme kompletný záznam fosílného hmyzu od Karbónu podnes a špecificky vodný hmyz v priebehu vekov. Opísali sme nové skupiny vodných živočíchov s dôrazom na švábov z USA, Ruska, Nemecka, Brazílie, Mjanmarska, Libanonu, Kazachstanu, Mongolska a Botswany. Publikovali sme nález najstaršej vírovej infekcie fosílnych švábov. Najdôležitejším výsledkom bol objav švábov žijúcich spoločne s najstaršími mravcami, pričom výskyt parazitov po prvý krát potvrdil, že v tej dobe už existovali mraveniská. Ich interná obrana bola slabá, zatiaľ čo vonkajšia obrana preukázaná mravce-napodobňujúcimi skupinami bola veľmi silná (hmyzu sa oplatilo napodobniť mravce a tým sa uchrániť pred predátormi, ktorí sa mravcom vyhýbali).

Do riešenia projektu bol zapojený aj zahraničný doktorand na ÚZ SAV Jan Hinkelman z Chorvátska, ktorý absolvoval mesačnú stáž na kľúčovom výskumnom ústave NIGPCAS Čínskej akadémie vied v Nankingu.

V rámci projektu pokračovala aj popularizačná činnosť – prednášky v rámci superškoly pre 30 000 žiakov ZŠ.

1. VRŠANSKÝ, Peter - BECHLY, Günter - ZHANG, Q. - JARZEMBOWSKI, Edmund A. - MLYNSKÝ, Tomáš - ŠMÍDOVÁ, Lucia - BARNA, Peter - KÚDELA, Matúš - ARISTOV, Danil - BIGALK, Sonia - KROGMANN, L. - LI, Liqin - ZHANG, Q. - ZHANG, Haichun - ELLENBERGER, Sieghard - MÜLLER, Patrick - GRÖHN, Carsten - XIA, Fangyuan - UEDA, K. - VĎAČNÝ, P. - VALAŠKA, Daniel - VRŠANSKÁ, Lucia - WANG, Bo. Batesian insect-insect mimicry-related explosive radiation of ancient alienopterid cockroaches. In *Biologia*, 2018, vol. 73, iss. 10, p. 987–1006. (0.696 - IF2017). (2018 - Current Contents). ISSN 0006-3088. Dostupné na internete: <https://link.springer.com/article/10.2478/s11756-018-0117-3>. (Kategória: ADCA)

Prehľad údajov o medzinárodnej mobilite pracovníkov organizácie je uvedený v Prílohe E.

Prehľad a údaje o medzinárodných projektoch sú uvedené v kapitole 2 a Prílohe B.

5. Vedná politika

Hlavné vedecko-výskumné zameranie Ústavu zoológie SAV je zakotvené v organizačnom poriadku pracoviska a je postavené na troch odvetviach:

1. Základný výskum zameraný na štúdium vývinu, fyziológie a etológie živočíchov pomocou moderných molekulárnych, genetických a biochemických metód a konfokálnej mikroskopie. Tento výskum sa venuje hlavne objasneniu regulačných pochodov a signálnych dráh biologicky aktívnych látok a ich receptorov u rôznych modelových druhov hmyzu a kliešťov počas rastu, metamorfózy a rozmnožovania.
2. Základný a aplikovaný výskum medicínsky významných živočíchov a prenášačov nebezpečných patogénov pomocou molekulárnych a diagnostických metód. Komplexné štúdium vzťahov medzi hostiteľmi, ektoparazitmi a patogénmi. Tento výskum sa zaoberá aj mechanizmami prenosu vybraných patogénov z kliešťov do hostiteľa na bunkovej a molekulárnej úrovni.
3. Základný a aplikovaný výskum v oblasti zoológie, hydrobiológie, ekológie a podporných biologických disciplín. Získavanie poznatkov o systematike a taxonómii, výskyte, rozšírení a ekológii živočíchov. Vyhodnocovanie získaných údajov a poznatkov vo vzťahu k funkciám a vývoju suchozemských i vodných ekosystémov. Posudzovanie antropogénnych disturbancií vybraných ekosystémov a z toho vyplývajúcich požiadaviek na ochranu prírody.

Na pracovisku sa riešia perspektívne témy teoretického aj aplikovaného charakteru a nepredpokladáme podstatné zmeny v budúcnosti. Vedenie ústavu dbá na to, aby výskumné tímy reagovali na požiadavky moderného vedeckého výskumu, zavádzali nové metódy a spolupracovali s inými špičkovými pracoviskami. To umožňuje produkovať zaujímavé výsledky a získavať nové vedecké projekty.

Príprava "nevydarenej" transformácie ústavu na VVI v roku 2018 zdržala pracovníkov ústavu pri vedeckej práci, ale našťastie sa neprejavila na znížení publikačnej aktivity vedeckých pracovníkov ústavu. Výrazne zamestnala najmä technicko-hospodársku správu ústavu.

6. Spolupráca s univerzitami/vysokými školami, štátnymi a neziskovými inštitúciami okrem aktivít uvedených v kap. 2, 3, 4

6.1. Spolupráca s univerzitami/VŠ (fakultami)

Názov univerzity/vysokej školy a fakulty: Lekárska fakulta UK

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca s Ústavom epidemiológie LF UK

Začiatok spolupráce: 2010

Zameranie: spolupráca

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: Prírodovedecká fakulta UK

Druh spolupráce (spoločné pracovisko alebo iné): Výučba na Katedrách genetiky, zoológie, biochémie, molekulárnej biológie, fyziológie živočíchov a ekológie

Začiatok spolupráce: 2010

Zameranie: prednášky

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: Lekárska fakulta UPJŠ

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume s Ústavom epidemiológie

Začiatok spolupráce: 2010

Zameranie: Výskum

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: Prírodovedecká fakulta UPJŠ

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2011

Zameranie: Výskum

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: Fakulta prírodných vied UMB

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na projektoch

Začiatok spolupráce: 2007

Zameranie: hydrobiológia - spolupráca

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: Pedagogická fakulta TVU

Druh spolupráce (spoločné pracovisko alebo iné): Výučba, výskum

Začiatok spolupráce: 1998

Zameranie: prednášky

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: Agronomická fakulta, Česká zemědělská univerzita

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na projektoch

Začiatok spolupráce: 2012

Zameranie: Výskum

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: Masarykova univerzita Brno, ČR

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2014

Zameranie: Výskum

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: Jihočeská Univerzita, České Budějovice, ČR

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume s Přírodovědeckou fakultou JU

Začiatok spolupráce: 2013

Zameranie: výskum

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: Slovenská zdravotnícka univerzita v Bratislave

Druh spolupráce (spoločné pracovisko alebo iné): Spoločné pracovisko: Laboratórium pre výskum bioterapeutických metód

Začiatok spolupráce: 2011

Zameranie: výskum

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: Imperial College London, London, UK

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2015

Zameranie: Výskum

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: University of Oxford, Veľká Británia

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2012

Zameranie: Výskum

Zhodnotenie: Spolupráca zameraná na štúdium bioaktívnych látok v slinných žľazách článkonožcov; ekológiu a epidemiológiu kliešťami prenášaných patogénov.

Názov univerzity/vysokej školy a fakulty: Konrad-Lorenz-Institut für Vergleichende Verhaltensforschung, Veterinärmedizinische Universität Wien

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na projektoch

Začiatok spolupráce: 1993

Zameranie: výskum

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: Yale University, New Haven, USA

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2013

Zameranie: Výskum

Zhodnotenie: Vývoj nových metodík (SSCP) pre štúdium genetickej variability spirochét z komplexu *Borrelia burgdorferi* sensu lato, pôvodcov lymskej boreliózy. Ekológia a fylogenetické štúdie borélií.

Názov univerzity/vysokej školy a fakulty: National Institute of Agrobiological Sciences, Tsukuba, Japan

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2008

Zameranie: Výskum

Zhodnotenie: Využitie transgénnych línií motýľa *Bombyx mori* na štúdium funkcie rôznych bioaktívnych látok, hormónov a ich receptorov.

Názov univerzity/vysokej školy a fakulty: International Atomic Energy Agency, Vienna

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2006

Zameranie: Výskum

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: University of California, Riverside, USA

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2001

Zameranie: Výskum

Zhodnotenie: Využitie najmodernejších molekulárnych metód, biochemických analýz a fyziologických postupov s cieľom objasniť mechanizmy neuroendokrinnnej regulácie vývinu hmyzu (*Drosophila* a *Bombyx*).

Názov univerzity/vysokej školy a fakulty: Kansas University, Manhattan, USA

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2012

Zameranie: Výskum

Zhodnotenie: Identifikácia a funkcia neuropeptidov a ich receptorov u kliešťov.

Názov univerzity/vysokej školy a fakulty: Università degli Studi di Firenze, Italy

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2009

Zameranie: Výskum

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: Institute of Tropical Medicine, Liverpool, UK

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2014

Zameranie: Výskum

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: University of Bath,

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2013

Zameranie: výskum

Zhodnotenie: Vývoj nových metodík (SSCP) pre štúdium genetickej variability spirochét z komplexu *Borrelia burgdorferi* sensu lato, pôvodcov lymskej boreliózy. Ekológia a fylogenetické štúdie borélií.

Názov univerzity/vysokej školy a fakulty: Entomologický ústav AV ČR, České Budějovice, Česká republika

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2010

Zameranie: Výskum

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: Parazitologický ústav AV ČR, České Budějovice, Česká republika

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2010

Zameranie: Výskum

Zhodnotenie: Ekológia a epidemiológia kliešťami prenášaných patogénov. Identifikácia nového druhu pôvodcov boreliózy, *Borrelia spielmanii*.

Názov univerzity/vysokej školy a fakulty: Universität für Bodenkultur Wien, Institute of Hydrobiology and Aquatic Ecosystem Management

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na projektoch

Začiatok spolupráce: 1995

Zameranie: Výskum

Zhodnotenie:

Názov univerzity/vysokej školy a fakulty: National University of Singapore, Department of Biological Sciences, Singapore

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2006

Zameranie: Výskum

Zhodnotenie: Identifikácia bioaktívnych molekúl v slinných žľazách kliešťov.

Názov univerzity/vysokej školy a fakulty: The University of Texas Medical Branch, Galveston, TX, United States

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2011

Zameranie: Výskum

Zhodnotenie: Štúdium interakcií kliešť-hostiteľ-patogén.

Názov univerzity/vysokej školy a fakulty: Faculté de Médecine et de Pharmacie, Université de Strasbourg, Strasbourg, France

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2015

Zameranie: Výskum

Zhodnotenie: Vývoj metód pre včasnú diagnostiku kliešťami prenášaných nákaz.

Názov univerzity/vysokej školy a fakulty: Instituto de Patobiología, CICVyA - INTA Castelar, Buenos Aires, Argentina

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2014

Zameranie: Výskum

Zhodnotenie: Molekulárna detekcia a fylogenetická analýza kliešťami prenášaných Piroplasmida.

Názov univerzity/vysokej školy a fakulty: Laboratory for Zoonoses and Environmental Microbiology, National Institute for Public Health and Env

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2015

Zameranie: Výskum

Zhodnotenie: Ekoepidemiológia kliešťami prenášaných nákaz.

Názov univerzity/vysokej školy a fakulty: Institute of Biology, University of Neuchâtel, Switzerland

Druh spolupráce (spoločné pracovisko alebo iné): Spolupráca na výskume

Začiatok spolupráce: 2014

Zameranie: Výskum

Zhodnotenie:

6.2. Významné aplikácie výsledkov výskumu v spoločenskej praxi alebo vyriešenie problému pre štátnu alebo neziskovú inštitúciu

6.3. Iná činnosť využiteľná pre potreby spoločenskej praxe

7. Spolupráca s aplikačnou a hospodárskou sférou okrem aktivít uvedených v kap. 2, 3, 4

7.1. Spoločné pracoviská s aplikačnou sférou

Názov pracoviska: Scientica, s r.o.

Partner(i): Ústav zoológie SAV, KARI TRC Keňa

Zameranie: Priamy transfer vedeckých poznatkov získaných v základnom výskume a ich aplikácii v konkrétnych odboroch spoločenskej praxe.

Rok založenia: 2007

Zhodnotenie: Riešené boli rôzne projekty s aplikačnými výstupmi. V roku 2018 pokračoval v rámci rozvojovej pomoci Kénskej republiky a iným krajinám Východnej Afriky transfer vedeckých poznatkov formou troch projektov: - Zavedenie terapie sterilnými larvami do klinickej praxe v zariadeniach humánnej a veterinárnej medicíny v Kénskej republike.- Zvýšenie vektorovej odolnosti na trypanozómovú infekciu bodaviek tsetse.- Zabezpečenie masového chovu kolónie bodaviek tsetse, *Glossina palpalis gambiensis* v boji proti spavej chorobe u ľudí a choroby nagana u dobytká v Senegale.

7.2. Kontraktový – zmluvný výskum (vrátane zahraničných kontraktov)

7.3. Iná činnosť využiteľná pre potreby hospodárskej praxe

8. Aktivity pre Národnú radu SR, vládu SR, ústredné orgány štátnej správy SR a iné organizácie

8.1. Členstvo v poradných zboroch vlády SR, Národnej rady SR, ministerstiev SR, orgánoch EÚ, EP, NATO a pod.

Tabuľka 8a Členstvo v poradných zboroch Národnej rady SR, vlády SR, ministerstiev SR, orgánoch EÚ, EP, NATO a pod.

Meno pracovníka	Názov orgánu	Funkcia
RNDr. Alžbeta Darolová, CSc.	Koordinačná rada pre monitoring vtákov pri Štátnej ochrane prírody	člen Koordinačnej rady
Ing. Zbyšek Šustek, CSc.	Poradný zbor Vrchnej riaditeľky emisného odboru NBS pre stanovovanie námetov pamätných mincí	člen

8.2. Expertízna činnosť a iné služby pre štátnu správu a samosprávy

Názov expertízy: entomofaunistický výskum vybraných chránených území

Adresát expertízy: ŠOP SR, KÚ ŽP Nitra

Spracoval: Ing. Ladislav Roller, PhD.

Stručný opis: Výskum fauny blanokřídlavcov na vybraných maloplošných územiach - slaniská, piesky a mokrade v Dolnom Považí a Pohroní

8.3. Členstvo v radách štátnych programov a podprogramov ŠPVV a ŠO

Tabuľka 8b Členstvo v radách štátnych programov a podprogramov ŠPVV a ŠO

Meno pracovníka	Názov orgánu	Funkcia
-----------------	--------------	---------

8.4. Prehľad aktuálnych spoločenských problémov, ktoré riešilo pracovisko v spolupráci s Kanceláriou prezidenta SR, s vládnyimi a parlamentnými orgánmi alebo pre ich potrebu

9. Vedecko-organizačné a popularizačné aktivity

9.1. Vedecko-popularizačná činnosť

Tabuľka 9a Súhrnné počty vedecko-popularizačných činností organizácie SAV

Typ	Počet	Typ	Počet	Typ	Počet
prednášky/besedy	4	tlač	9	TV	6
rozhlas	8	internet	15	exkurzie	0
publikácie	0	multimediálne nosiče	0	dokumentárne filmy	1
iné	4				

9.2. Vedecko-organizačná činnosť

Tabuľka 9b Vedecko-organizačná činnosť

Názov podujatia	Domáca/ medzinárodná	Miesto	Dátum konania	Počet účastníkov
V. Labudove dni	domáca	Smolenice, Slovensko	12.09.-14.09.2018	53

9.3. Účasť na výstavách

9.4. Účasť v programových a organizačných výboroch národných konferencií

Tabuľka 9c Programové a organizačné výbory národných konferencií

Meno pracovníka	Programový	Organizačný	Programový i organizačný
Derdáková Markéta	0	1	0
Kazimírová Mária	0	1	0
Roller Ladislav	1	0	0
Rusňáková Taragel'ová Veronika	0	1	0
Selyemová Diana	0	1	0
Stanko Michal	1	0	0
Spolu	2	4	0

9.5. Členstvo v redakčných radách časopisov

RNDr. Alžbeta Darolová, CSc.

Tichodroma (funkcia: člen)

MVDr. Markéta Derdáková, PhD.

Ticks and Tick Borne Diseases (funkcia: section editor)

RNDr. Stanislav Kalúz, CSc.

Entomofauna Carpathica (funkcia: člen)

Folia Faunistica Slovaca (funkcia: člen)

RNDr. Mária Kazimírová, CSc.

Biologia (funkcia: managing editor)

Persian Journal of Acarology (funkcia: člen redakčnej rady)

prof. PaedDr. Pavol Prokop, DrSc.

Biologia (funkcia: člen)

Educational Sciences: Theory & Practise (funkcia: člen)

Eurasia Journal of Mathematics, Science and Technology Education (funkcia: člen)

European Journal of Ecology (funkcia: člen)

Journal of Baltic Science Education (funkcia: člen)

The Journal of General Psychology (funkcia: člen)

Ing. Ladislav Roller, PhD.

Entomofauna Carpathica (funkcia: člen)

RNDr. Mirko Slovák, CSc.

Entomofauna Carpathica (funkcia: člen redakčnej rady)

Ing. Zbyšek Šustek, CSc.

Biologia (funkcia: člen)

Elytron (funkcia: člen)

Oltenia, Studii și Comunicări, Științele Naturii (funkcia: člen)

Mgr. Radovan Václav, PhD.

Biologia (funkcia: člen Editorial Board)

Tichodroma (funkcia: člen Redakčnej rady)

doc. RNDr. Ľubomír Vidlička, CSc.

Acta Rerum Naturalium Musei Nationalis Slovaci (funkcia: člen)

Annotationes zoologicae et botanicae Musei Slovaci (funkcia: člen)

Entomofauna Carpathica (funkcia: člen)

RNDr. Dušan Žitňan, DrSc.

General and Comparative Endocrinology (funkcia: člen)

9.6. Činnosť v domácich vedeckých spoločnostiach

RNDr. Alžbeta Darolová, CSc.

Slovenská ornitologická spoločnosť/Birdlife (funkcia: člen)

MVDr. Markéta Derdáková, PhD.

Slovenská parazitologická spoločnosť pri SAV (funkcia: člen)

MVDr. Yuliya Didyk, PhD.

Member of Ukrainian Entomological Society (funkcia: member)

Slovenská parazitologická spoločnosť pri SAV (funkcia: člen)

Ukrainian Scientific Society of Parasitologists (funkcia: member)

Mgr. Michal Chvostáč, PhD.

Slovenská parazitologická spoločnosť (funkcia: člen)

RNDr. Stanislav Kalúz, CSc.

Slovenská entomologická spoločnosť pri SAV (funkcia: člen výboru)

RNDr. Mária Kazimírová, CSc.

Slovenská entomologická spoločnosť pri SAV (funkcia: člen)

Slovenská parazitologická spoločnosť pri SAV (funkcia: člen)

Mgr. Igor Kokavec, PhD.

Slovenská limnologická spoločnosť pri SAV (funkcia: člen)

RNDr. Ján Krištofik, CSc.

Slovenská entomologická spoločnosť pri SAV (funkcia: člen)

Mgr. Barbara Mangová, PhD.

Slovenská arachnologická spoločnosť - SARAS (funkcia: člen)

Slovenská zoologická spoločnosť pri SAV (funkcia: člen)

RNDr. Tomáš Navara, PhD.

Slovenská limnologická spoločnosť (funkcia: člen)

Ing. Ladislav Roller, PhD.

Slovenská entomologická spoločnosť pri SAV (funkcia: člen)

Mgr. Veronika Rusňáková Taragel'ová, PhD.

Slovenská parazitologická spoločnosť pri SAV (funkcia: člen výboru)

Mgr. Diana Selyemová, PhD.

Slovenská parazitologická spoločnosť pri SAV (funkcia: člen)

RNDr. Mirko Slovák, CSc.

Slovenská entomologická spoločnosť pri SAV (funkcia: člen)

doc. RNDr. Michal Stanko, DrSc.

Slovenská parazitologická spoločnosť pri SAV (funkcia: člen výboru)

Slovenská zoologická spoločnosť pri SAV (funkcia: člen)

RNDr. Ferdinand Šporka, DrSc.

Slovenská limnologická spoločnosť pri SAV (funkcia: člen)

RNDr. Peter Takáč, CSc.

Slovenská entomologická spoločnosť pri SAV (funkcia: člen)

doc. RNDr. Ľubomír Vidlička, CSc.

Slovenská entomologická spoločnosť pri SAV (funkcia: člen výboru)

RNDr. Dušan Žitňan, DrSc.

Slovenská entomologická spoločnosť pri SAV (funkcia: člen)

9.7. Iné dôležité informácie o vedecko-organizačných a popularizačných aktivitách

10. Činnosť knižnično-informačného pracoviska

10.1. Knižničný fond

Tabuľka 10a Knižničný fond

Knižničné jednotky spolu		13 957
z toho	knihy a zviazané periodiká	11 836
	audiovizuálne dokumenty	6
	elektronické dokumenty (vrátane digitálnych)	44
	mikroformy	0
	iné špeciálne dokumenty - dizertácie, výskumné správy	1 901
	Rukopisy, vzácne tlače	0
Počet titulov dochádzajúcich periodík		23
z toho zahraničné periodiká		21
Ročný prírastok knižničných jednotiek		170
v tom	kúpou	0
	darom	170
	výmenou	0
	bezodplatným prevodom	0
	náhradou	0
Úbytky knižničných jednotiek		0
Knižničné jednotky spracované automatizovane		11 836

Výraz „**v tom**“ označuje úplné (vyčerpávajúce) údaje, ktorých súčet sa musí rovnať údaju v riadku „spolu“, čiže nadradenému riadku.

Výraz „**z toho**“ označuje neúplné (výberové) údaje, ktorých súčet sa nemusí rovnať údaju v riadku „spolu“.

10.2. Výpožičky a služby

Tabuľka 10b Výpožičky a služby

Výpožičky spolu (riadok 1)		775
v tom z r. 1	prezenčné výpožičky	748
	absenčné výpožičky	27
v tom z r. 1	odborná literatúra pre dospelých	156
	výpožičky periodík	619
MVS iným knižniciam		19
MVS z iných knižníc		0
MMVS iným knižniciam		0
MMVS z iných knižníc		20
Počet vypracovaných bibliografií		27
Počet vypracovaných rešerší		12

10.3. Používatelia

Tabuľka 10c Používatelia

Registrovaní používatelia	56
Návštevníci knižnice spolu (bez návštevníkov podujatí)	29

10.4. Iné údaje

Tabuľka 10d Iné údaje

On-line katalóg knižnice na internete (1=áno, 0=nie)	1
Náklady na nákup knižničného fondu v €	0

10.5. Iné informácie o knižničnej činnosti

11. Aktivity v orgánoch SAV

11.1. Členstvo vo Výbore Snemu SAV

11.2. Členstvo v Predsedníctve SAV a vo Vedeckej rade SAV

11.3. Členstvo vo vedeckých kolégiách SAV

doc. RNDr. Michal Stanko, DrSc.

- VK SAV pre biologicko-ekologické vedy (člen)

11.4. Členstvo v komisiách SAV

Ing. Ladislav Roller, PhD.

- Komisia SAV pre zahraničné styky (člen)

Mgr. Peter Vršanský, PhD.

- Komisia SAV pre vyhodnocovanie medzinárodných projektov (člen komisie)

RNDr. Dušan Žitňan, DrSc.

- Komisia SAV pre posudzovanie vedeckej kvalifikácie zamestnancov (člen)

11.5. Členstvo v orgánoch VEGA

Ing. Ladislav Roller, PhD.

- Komisia č. 8 pre pôdohospodárske, veterinárske a drevárske vedy (člen)

doc. RNDr. Michal Stanko, DrSc.

- Komisia VEGA č. 8 pre pôdohospodárske vedy a drevárske vedy (predseda)

doc. RNDr. Ľubomír Vidlička, CSc.

- Komisia č. 4 pre biologické vedy (člen)

12. Hospodárenie organizácie

12.1. Výdavky RO SAV

Tabuľka 12a Výdavky RO SAV (v €)

V ý d a v k y	Skutočnosť k 31.12.2018 spolu	v tom:			
		zo ŠR	z toho:	z mimorozp. zdrojov	z toho:
			ŠF EÚ vr. spolufina n.zo ŠR		ŠF EÚ vr. spolufinan.z o ŠR
Výdavky spolu					
Bežné výdavky					
v tom:					
mzdy (610)					
poistné a príspevok do poisťovní (620)					
tovary a služby (630)					
z toho: časopisy					
VEGA projekty					
MVTS projekty					
CE					
vedecká výchova					
bežné transfery (640)					
z toho: štipendiá					
transfery partnerom projektov					
Kapitálové výdavky					
v tom:					
obstarávanie kapitálových aktív					
kapitálové transfery					
z toho: transfery partnerom projektov					

12.2. Príjmy RO SAV

Tabuľka 12b Príjmy RO SAV (v €)

P r í j m y	Skutočnosť k 31.12.2018 spolu	v tom:	
		rozpočtové	z mimoroz p. zdrojov
Príjmy spolu			
Nedaňové príjmy			
v tom:			
príjmy z prenájmu			
príjmy z predaja výrobkov a služieb			
iné			
Granty a transfery (mimo zdroja 111)			
v tom:			
tuzemské			
z toho: APVV			
iné			
zahraničné			
z toho: projekty rámcového programu EÚ			
iné			

12.1. Výdavky PO SAV

Tabuľka 12a Výdavky PO SAV (v €)

V ý d a v k y	Skutočnosť k 31.12.2018 spolu	v tom:			
		zo ŠR od zriaďovateľ a	z vlastných zdrojov	z iných zdrojov	z toho: ŠF EÚ
Výdavky spolu	1 177 348	883 875	55 258	238 215	
Bežné výdavky	1 175 399	883 875	53 309	238 215	
v tom:					
mzdy (610)	622 164	544 867	20 011	57 286	
poistné a príspevok do poisťovní (620)	216 721	192 321	5 845	18 555	
tovary a služby (630)	270 380	100 293	27 403	142 684	
z toho: časopisy	1 761	1 713		48	
VEGA projekty	67 173	67 173			
MVTS projekty	4 480	4 480			
CE					
vedecká výchova	2 560	2 560			
bežné transfery (640)	66 134	46 394	50	19 690	
z toho: štipendiá	41 250	41 250			
transfery partnerom projektov					
Kapitálové výdavky	1 949	1 949			
v tom:					
obstarávanie kapitálových aktív	1 949	1 949			
kapitálové transfery					
z toho: transfery partnerom projektov					

12.2. Príjmy PO SAV

Tabuľka 12b Príjmy PO SAV (v €)

P r í j m y	Skutočnosť k 31.12.2018 spolu	v tom:	
		rozpočtové	z mimoroz p. zdrojov
Príjmy spolu	1 161 977	883 875	278 102
Nedaňové príjmy	55 216		55 216
v tom:			
príjmy z prenájmu			
príjmy z predaja výrobkov a služieb	48 946		48 946
iné	6 270		6 270
Granty a transfery (mimo zdroja 111)	278 102		278 102
v tom:			
tuzemské	273 102		273 102
z toho: APVV	217 886		217 886
iné	55 216		55 216
zahraničné	5 000		5 000
z toho: projekty rámcového programu EÚ			
iné			

13. Nadácie a fondy pri organizácii SAV

14. Iné významné činnosti organizácie SAV

V dňoch 27.-29.VIII.2018 sa uskutočnila oprava ústavnej drevenice na lokalite Podšíp (kataster obce Stankovany, okr. Ružomberok) ležiacej v pamiatkovej zóne. Počas troch dní bola vymenená stará, dosluhujúca šindlová krytina na polovici ústavnej drevenice za novú, taktiež šindľovú krytinu. Na oprave sa zúčastnilo 7 pracovníkov ÚZ SAV (Roller, Daubnerová, Vidlička, Kokavec, Hromníková, Pecina, Kočí).



15. Vyznamenania, ocenenia a ceny udelené pracovníkom organizácie v roku 2018

15.1. Domáce ocenenia

15.1.1. Ocenenia SAV

15.1.2. Iné domáce ocenenia

Gáliková Zuzana

Diplom dekana PriF UK

Oceňovateľ: PriF UK

Opis: Diplom dekana PriF UK za najlepší príspevok a prednášku na Študentskej vedeckej konferencii 2018.

15.2. Medzinárodné ocenenia

16. Poskytovanie informácií v súlade so zákonom č. 211/2000 Z. z. o slobodnom prístupe k informáciám v znení neskorších predpisov (Zákon o slobode informácií)

17. Problémy a podnety pre činnosť SAV

Správu o činnosti organizácie SAV spracoval:

doc. RNDr. Ľubomír Vidlička, CSc., 02/5930 2640

Riaditeľ organizácie SAV

Predseda vedeckej rady

.....
RNDr. Dušan Žitňan, DrSc.

.....
Ing. Ladislav Roller, PhD.

Prílohy

Príloha A

Zoznam zamestnancov a doktorandov organizácie k 31.12.2018

Zoznam zamestnancov podľa štruktúry (nadväzne na údaje v Tabuľke 1a)

	Meno s titulmi	Úväzok (v %)	Ročný prepočítaný úväzok
Vedúci vedeckí pracovníci DrSc.			
1.	Prof. Oto Majzlan, CSc.	10	0.10
2.	prof. PaedDr. Pavol Prokop, DrSc.	50	0.50
3.	doc. RNDr. Michal Stanko, DrSc.	30	0.30
4.	RNDr. Ferdinand Šporka, DrSc.	100	1.00
5.	RNDr. Dušan Žitňan, DrSc.	100	1.00
Samostatní vedeckí pracovníci			
1.	RNDr. Alžbeta Darolová, CSc.	100	1.00
2.	MVDr. Markéta Derdáková, PhD.	80	0.80
3.	RNDr. Stanislav Kalúz, CSc.	20	0.20
4.	RNDr. Mária Kazimírová, CSc.	100	1.00
5.	RNDr. Juraj Kočí, PhD.	50	0.33
6.	Mgr. Jasna Kraljik, PhD.	100	1.00
7.	RNDr. Ján Krištofík, CSc.	100	1.00
8.	RNDr. Peter Mašán, PhD.	100	1.00
9.	Mgr. Veronika Michalková, PhD.	100	0.00
10.	Ing. Ladislav Roller, PhD.	100	1.00
11.	Mgr. Veronika Rusňáková Taragel'ová, PhD.	100	0.30
12.	RNDr. Mirko Slovák, CSc.	60	0.47
13.	Ing. Zbyšek Šustek, CSc.	100	1.00
14.	RNDr. Peter Takáč, CSc.	80	0.90
15.	Mgr. Radovan Václav, PhD.	100	1.00
16.	doc. RNDr. Ľubomír Vidlička, CSc.	100	1.00
17.	Mgr. Peter Vršanský, PhD.	30	0.30
Vedeckí pracovníci			
1.	Mgr. Ivana Daubnerová, PhD.	100	1.00
2.	MVDr. Yuliya Didyk, PhD.	100	1.00
3.	Mgr. Peter Klepsatel, PhD.	100	1.00
4.	Mgr. Igor Kokavec, PhD.	100	1.00

5.	Mgr. Barbara Mangová, PhD.	100	1.00
6.	RNDr. Tomáš Navara, PhD.	55	0.36
7.	Mgr. Emanuel Procházka, PhD.	100	1.00
8.	Mgr. Diana Selyemová, PhD.	100	1.00
9.	Mgr. Marek Semelbauer, PhD.	100	1.00
10.	Mgr. David Wildridge, PhD.	100	1.00
Odborní pracovníci s VŠ vzdelaním (výskumní a vývojoví zamestnanci)			
1.	Mgr. Michal Chvostáč, PhD.	100	1.00
2.	Mgr. Matej Kautman, PhD.	100	1.00
3.	Mgr. Ján Kočišek	5	0.10
4.	Mgr. Zuzana Mtierová	50	0.20
5.	Mgr. Tatiana Vaculová, PhD.	100	1.00
Odborní pracovníci s VŠ vzdelaním (ostatní zamestnanci)			
1.	Mgr. Dagmar Práznovská	100	1.00
2.	Ing. Danko Sitarčíková	100	1.00
3.	Mgr. Jakub Steinhübel	100	1.00
Odborní pracovníci ÚSV			
1.	Alexander Baranovič	100	1.00
2.	Lýdia Drinková	100	1.00
3.	Mária Gudabová	100	1.00
4.	Jana Kušnírová	100	1.00
5.	Eva Vráblová	100	1.00
6.	Jana Weisová	100	1.00
Ostatní pracovníci			
1.	Karol Bucsek	100	1.00
2.	Zuzana Pelikánová	100	1.00

Zoznam zamestnancov, ktorí odišli v priebehu roka

	Meno s titulmi	Dátum odchodu	Ročný prepočítaný úväzok
Vedeckí pracovníci			
1.	Ing. Marek Barta, PhD.	30.6.2018	0.25
Odborní pracovníci ÚSV			
1.	Bc. Miriam Pillerová	12.9.2018	0.29
Ostatní pracovníci			
1.	Natália Rybošová	19.10.2018	1.00

Zoznam doktorandov

	Meno s titulmi	Škola/fakulta	Študijný odbor
Interní doktorandi hrazení z prostriedkov SAV			
1.	MVDr. Lucia Anettová	Fakulta veterinárního lékařství, Veterinární a farmaceutická univerzita Brno	4.2.5 zoológia
2.	Mgr. Zuzana Gálíková	Prírodovedecká fakulta UK	4.2.3 molekulárna biológia
3.	Mgr. Jan Hinkelman	University of Zagreb, Chorvátsko	4.2.5 zoológia
4.	Mgr. Dominika Hromníková	Prírodovedecká fakulta UK	4.2.3 molekulárna biológia
5.	Mgr. Vanda Klöcklerová	Prírodovedecká fakulta UK	4.2.3 molekulárna biológia
6.	Mgr. Beáta Pavlíková	Prírodovedecká fakulta UK	4.2.3 molekulárna biológia
7.	Mgr. Peter Pecina	Prírodovedecká fakulta UK	4.2.5 zoológia
8.	Mgr. Alžbeta Vašková	Prírodovedecká fakulta UK	4.2.5 zoológia
Interní doktorandi hrazení z iných zdrojov			
1.	Mgr. Ján Kočíšek	Prírodovedecká fakulta UK	
Externí doktorandi			
<i>organizácia nemá externých doktorandov</i>			

Zoznam zamestnancov prijatých do jedného roka od získania PhD.

	Meno s titulmi	Dátum obhajoby	Dátum prijatia	Úväzok (v %)
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Zoznam emeritných vedeckých zamestnancov

	Meno s titulmi
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Príloha B

Projekty riešené v organizácii

Medzinárodné projekty

Programy: UNESCO

1.) Evolúcia a ochrana veľkoplošných primárnych ekosystémov (projekt AMBA) (*Amba project*)

Zodpovedný riešiteľ:	Peter Vršanský
Zodpovedný riešiteľ v organizácii SAV:	Peter Vršanský
Trvanie projektu:	1.1.1998 /
Evidenčné číslo projektu:	NA
Organizácia je koordinátorom projektu:	nie
Koordinátor:	Ústav vied o Zemi SAV
Počet spoluriešiteľských inštitúcií:	0
Čerpané financie:	-
	Podpora medzinárodnej spolupráce z národných zdrojov: 4480 €

Dosiahnuté výsledky:

Programy: IAEA

2.) Posilnenie vektorovej refraktérnosti na trypanozómovú infekciu (*Enhancing Vector Refractoriness to Trypanosome Infection*)

Zodpovedný riešiteľ:	Peter Takáč
Trvanie projektu:	8.2.2017 / 8.2.2018
Evidenčné číslo projektu:	IAEA –TC 17713
Organizácia je koordinátorom projektu:	nie
Koordinátor:	International Atomic Energy Agency (IAEA)
Počet spoluriešiteľských inštitúcií:	0
Čerpané financie:	IAEA: 5000 €

Dosiahnuté výsledky:

Programy: Iné

3.) Štúdia vplyvu optimalizácie vodného režimu vybraných ramien inundačného územia Dunaja na faunu vodných bezstavovcov a posúdenie účinku revitalizačných scenárov na kvalitu biotopov pre bezstavovce (*Restoration and management of Danube floodplain habitats*)

Zodpovedný riešiteľ: Ferdinand Šporka
Trvanie projektu: 1.1.2017 / 31.12.2021
Evidenčné číslo projektu: LIFE14 NAT/SK001306
Organizácia je koordinátorom projektu: nie
Koordinátor: Bratislavské regionálne ochranárske združenie
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: 0

Dosiahnuté výsledky:

4.) Determinanty variability paraziticko-hostiteľských vzťahov (*Determinantes de la variación en las interacciones parasito-hospedador*)

Zodpovedný riešiteľ: Radovan Václav
Trvanie projektu: 1.1.2015 / 31.7.2018
Evidenčné číslo projektu: CGL2014-55969-P
Organizácia je koordinátorom projektu: nie
Koordinátor: Estación Experimental de Zonas Áridas (EEZA-CSIC)
Počet spoluriešiteľských inštitúcií: 2 - Španielsko: 2
Čerpané financie: 0

Dosiahnuté výsledky:

publikované články:

VÁCLAV, R., & VALERA, F. (2018). Host preference of a haematophagous avian ectoparasite: a micronutrient supplementation experiment to test an evolutionary trade-off. *Biological Journal of the Linnean Society*, 125(1), 171-183.

VEIGA, J., MARTÍNEZ-DE LA PUENTE, J., VÁCLAV, R., FIGUEROLA, J., & VALERA, F. (2018). *Culicoides paolae* and *C. circumscriptus* as potential vectors of avian haemosporidians in an arid ecosystem. *Parasites & vectors*, 11(1), 524.

Domáce projekty

Programy: VEGA

1.) Vplyv typu hniezda, hniezdného prostredia a antimikrobiálnych látkových a behaviorálnych mechanizmov na bakteriálne spoločenstvá povrchu vajec vybraných druhov vtákov. (*Influence of nest type, nesting habitat, antimicrobial substances and behavioral mechanisms on bacterial assemblages living on egg surface in selected bird species*)

Zodpovedný riešiteľ: Alžbeta Darolová
Trvanie projektu: 1.1.2015 / 31.12.2018
Evidenčné číslo projektu: 2/0034/15
Organizácia je áno
koordinátorom projektu:
Koordinátor: Ústav zoológie SAV
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: VEGA: 5647 €

Dosiahnuté výsledky:

HOI, H., DAROLOVÁ, A., KRIŠTOFÍK, J., POLÁČEK, M., MAJTÁN, J., ZEMAN, M., OKULIAROVÁ, M., TURČOKOVÁ, L., KNAUER, F.: Covariation between eggshell colouration and eggshell bacteria abundance and egg characteristics in blackbirds. *Ethology, Ecology Evolution*, accepted.

2.) Oribatocenózy urbánneho prostredia (*Oribatid mite communities of urban ecosystems*)

Zodpovedný riešiteľ: Barbara Mangová
Trvanie projektu: 1.1.2018 / 31.12.2021
Evidenčné číslo projektu: 2/0111/18
Organizácia je áno
koordinátorom projektu:
Koordinátor: Ústav zoológie SAV
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: VEGA: 2882 €

Dosiahnuté výsledky:

MANGOVÁ, Barbara - HULEJOVÁ SLÁDKOVIČOVÁ, Veronika - KRUMPÁL, Miroslav - KOZÁNEK, Milan. The impact of different urban conditions on structural characteristics of oribatid mite communities. In *Biologia*. - Warszawa : Verzita, 2012-, 2018, vol. __, no. __, p. 1-16. (0.696 - IF2017). (2018 - Current Contents). ISSN 0006-3088.

MANGOVÁ, Barbara - KRUMPÁL, Miroslav - ORSZÁGHOVÁ, Zlatica - LUČENIČOVÁ, Terézia. Pancierniky (Acari, Oribatida) ako obyvatelia vtáčích hniezd. In XVI. Arachnologická konferencia : Zborník abstraktov.

3.) Systematika, ekologické nároky a rozšírenie foretických roztočov (Acari, Mesostigmata) podkôrneho a drevokazného hmyzu v podmienkach Európy. (*Systematics, ecological requirements and chorology of saproxylic mites (Acari: Mesostigmata) phoretically associated with woodboring insects in Europe.*)

Zodpovedný riešiteľ: Peter Mašán
Trvanie projektu: 1.1.2018 / 31.12.2021
Evidenčné číslo projektu: 2/0036/18
Organizácia je áno
koordinátorom projektu:
Koordinátor: Ústav zoológie SAV
Počet spoluriešiteľských 0
inštitúcií:
Čerpané financie: VEGA: 5784 €

Dosiahnuté výsledky:

4.) Detailná identifikácia a charakterizácia *Borrelia burgdorferi* sensu lato a *Borrelia miyamotoi* pomocou multilokusovej sekvenčnej typizácie (MLST).

Zodpovedný riešiteľ: Veronika Rusňáková Taragel'ová
Trvanie projektu: 1.1.2017 / 31.12.2020
Evidenčné číslo projektu: VEGA 2/0119/17
Organizácia je áno
koordinátorom projektu:
Koordinátor: Ústav zoológie SAV
Počet spoluriešiteľských 0
inštitúcií:
Čerpané financie: VEGA: 9960 €

Dosiahnuté výsledky:

5.) Vplyv krajiny a regulácií na spoločenstvá bentosu tečúcich vôd (*The influence of landscape and regulations on the freshwater benthic macroinvertebrates communities*)

Zodpovedný riešiteľ: Ferdinand Šporka
Trvanie projektu: 1.1.2016 / 31.12.2019
Evidenčné číslo projektu: 1/0119/16
Organizácia je nie
koordinátorom projektu:
Koordinátor: Prírodovedecká fakulta UK, Bratislava
Počet spoluriešiteľských 0
inštitúcií:
Čerpané financie: VEGA: 4537 €

Dosiahnuté výsledky:

6.) Hodnotenie zraniteľnosti vybraných prírodných a narušených ekosystémov voči hydrometeorologickým extrémom (*Vulnerability assessment of selected natural and disturbed ecosystems by hydrometeorological extremes*)

Zodpovedný riešiteľ: Zbyšek Šustek
Trvanie projektu: 1.1.2018 / 31.12.2021
Evidenčné číslo projektu: 1/0370/18
Organizácia je koordinátorom projektu: nie
Koordinátor: Technická univerzita vo Zvolene
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: VEGA: 2134 €

Dosiahnuté výsledky:

7.) Neuropeptidy regulujúce inerváciu pohlavných orgánov a sexuálne správanie bodaviek tsetse (*Neuropeptides regulating innervation of the genital organs and sexual behavior of tsetse flies*)

Zodpovedný riešiteľ: Peter Takáč
Trvanie projektu: 1.1.2016 / 31.12.2019
Evidenčné číslo projektu: 2/0119/16
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: VEGA: 9008 €

Dosiahnuté výsledky:

PROCHÁZKA, Emanuel - MICHALKOVÁ, Veronika - DAUBNEROVÁ, Ivana - ROLLER, Ladislav - KLEPSATEL, Peter - TITŇAN, Dušan - TSIAMIS, George - TAKÁČ, Peter. Gene expression in reproductive organs of tsetse females – initial data in an approach to reduce fecundity. In BMC Microbiology, 2018, vol. 18, suppl. 1, art. no. 144, p. 183-292. (2.829 - IF2017). ISSN 1471-2180. ADMA

BENOIT, Joshua B. - MICHALKOVÁ, Veronika - DIDION, Elise M. - XIAO, Yanyu - BAUMANN, Aaron A. - ATTARDO, Geoffrey M. - AKSOY, Serap. Rapid autophagic regression of the milk gland during involution is critical for maximizing tsetse viviparous reproductive output. In Plos Neglected Tropical Diseases : a peer -reviewed open-access journal published by the Public Library of Sciences, 2018, vol. 12, no. 1, art. no. e0006204, 19 pp. (4.367 - IF2017). (2018 - Current Contents). ISSN 1935-2735 (electronic version). ADCA

8.) Dôležitosť heterogenity reprodukčného biotopu pre reprodukčné investície a prežívanie
(*Importance of reproductive habitat heterogeneity in reproductive allocation and survival*)

Zodpovedný riešiteľ: Radovan Václav
Trvanie projektu: 1.1.2016 / 31.12.2019
Evidenčné číslo projektu: 2/0008/16
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV
Počet spoluriešiteľských inštitúcií: 1 - Španielsko: 1
Čerpané financie: VEGA: 4326 €

Dosiahnuté výsledky:

VÁCLAV, R., & VALERA, F. (2018). Host preference of a haematophagous avian ectoparasite: a micronutrient supplementation experiment to test an evolutionary trade-off. *Biological Journal of the Linnean Society*, 125(1), 171-183.

9.) Ekologický a etologický výskum invázneho švába *Ectobius vittiventris* (Blattaria) na Slovensku
(*Ecological and ethological research of invasive cockroach *Ectobius vittiventris* (Blattaria) in Slovakia*)

Zodpovedný riešiteľ: Ľubomír Vidlička
Trvanie projektu: 1.1.2017 / 31.12.2020
Evidenčné číslo projektu: 2/0139/17
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: VEGA: 4320 €
VEGA: 2046 €

Dosiahnuté výsledky:

KALÚZ, Stanislav - LITERÁK, I. - KOLENČÍK, S. The chiggers (Acari: Trombiculidae) on wild birds in Honduras. In *Folia Parasitologica*, 2018, vol. 65, no., art. no. 017, 4 pp. (1.505 - IF2017). (2018 - Current Contents). ISSN 0015-5683. (VEGA 2/0139/17 : Ekologický a etologický výskum invázneho švába *Ectobius vittiventris* (Blattaria) na Slovensku). Typ: ADCA

KALÚZ, Stanislav - ERMILOV, Sergey G. A new species of the genus *Neocunaxoides* (Acari: Prostigmata: Cunaxidae) from Vietnam. In *Biologia*, 2018, vol. 73, iss. 12, p. 1223–1228. (0.696 - IF2017). (2018 - Current Contents). ISSN 0006-3088. (VEGA 2/0139/17 : Ekologický a etologický výskum invázneho švába *Ectobius vittiventris* (Blattaria) na Slovensku). Typ: ADCA

KALÚZ, Stanislav - STARÝ, J. Two new species of the family Cunaxidae (Acari: Prostigmata) from Madagascar. In *ZOOTAXA*, 2018, vol. 4378, no. 4, p. 249-262. (0.931 - IF2017). (2018 - Current Contents). ISSN 1175-5334. (VEGA 2/0139/17 : Ekologický a etologický výskum invázneho švába *Ectobius vittiventris* (Blattaria) na Slovensku). Typ: ADCA

10.) Expresia a funkčná charakterizácia receptorov pre neuropeptidy hmyzu a kliešťov.
(*Expression and functional characterization of receptors for neuropeptides of insects and ticks*)

Zodpovedný riešiteľ: Dušan Žitňan
Trvanie projektu: 1.1.2018 / 31.12.2021
Evidenčné číslo projektu: 2/0080/18
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: VEGA: 16529 €

Dosiahnuté výsledky:

Programy: APVV

11.) Ekológia hostiteľskej špecificity vektormi prenášaných parazitov (*Ecology of host specificity in vector-borne parasites*)

Zodpovedný riešiteľ: Markéta Derdáková
Trvanie projektu: 1.7.2017 / 30.6.2021
Evidenčné číslo projektu: APVV-16-0463
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 34121 €

Dosiahnuté výsledky:

12.) O ovciach, kozách a víruse kliešťovej encefalitídy (*Of Sheep, Goats and Tick-borne Encephalitis virus*)

Zodpovedný riešiteľ: Martina Ličková
Zodpovedný riešiteľ v organizácii SAV: Markéta Derdáková
Trvanie projektu: 1.7.2017 / 30.6.2021
Evidenčné číslo projektu: APVV-16-0518
Organizácia je koordinátorom projektu: nie
Koordinátor: Biomedicínske centrum SAV
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 20000 €

Dosiahnuté výsledky:

13.) Úloha neuropeptidov a ich receptorov pri regulácii aktivity endokrinných a reprodukčných orgánov priadky morušovej (*Bombyx mori*) (*The role of neuropeptides and their receptors in regulation of endocrine and reproductive organs in the silkworm (Bombyx mori)*)

Zodpovedný riešiteľ: Ladislav Roller
Trvanie projektu: 1.7.2017 / 30.6.2021
Evidenčné číslo projektu: APVV –16-0395
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 55986 €

Dosiahnuté výsledky:

14.) Drobné cicavce ako potenciálny zdroj zoonotických baktérií a rezistencie na antibiotiká (*Small mammals as a potential source of zoonotic bacteria and resistance to antibiotics*)

Zodpovedný riešiteľ: Michal Stanko
Zodpovedný riešiteľ v organizácii SAV: Markéta Derdáková
Trvanie projektu: 1.7.2015 / 30.6.2019
Evidenčné číslo projektu: APVV-14-0274
Organizácia je koordinátorom projektu: nie
Koordinátor: Parazitologický ústav SAV
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 9247 €

Dosiahnuté výsledky:

15.) Bezpesticídová kontrola populácií muchy domácej a bodavky stajňovej v chovoch hospodárskych zvierat na Slovensku (*Pesticide-free control of the house fly and stable fly populations on livestock farms in Slovakia*)

Zodpovedný riešiteľ: Peter Takáč
Trvanie projektu: 1.7.2015 / 30.6.2018
Evidenčné číslo projektu: APVV-14-0652
Organizácia je koordinátorom projektu: nie
Koordinátor: Scientica,s.r.o.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 22597 €

Dosiahnuté výsledky:

16.) Zníženie plodnosti a kontrola trypanozomiáz bodaviek tsetse aplikáciou metód sterility a molekulárnych metód. (*Reduction of fecundity and trypanosomiasis control of tsetse flies by the application of sterile insect techniques and molecular methods*)

Zodpovedný riešiteľ: Peter Takáč
Trvanie projektu: 1.7.2016 / 30.6.2019
Evidenčné číslo projektu: APVV-15-0604
Organizácia je koordinátorom projektu: nie
Koordinátor: Scientica,s.r.o.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 12995 €

Dosiahnuté výsledky:

ENGL, Tobias - MICHALKOVÁ, Veronika - WEISS, Brian L. - UZEL, Guler D. - TAKÁČ, Peter - MILLER, Wolfgang J. - ABD-ALLA, Adly M. M. - AKSOY, Serap - KALTENPOTH, Martin. Effect of antibiotic treatment and gamma-irradiation on cuticular hydrocarbon profiles and mate choice in tsetse flies (*Glossina m. morsitans*). In BMC Microbiology, 2018, vol. 18, suppl. 1, art. no. 145, p. 155-192. (2.829 - IF2017). ISSN 1471-2180. ADMA

PROCHÁZKA, Emanuel - MICHALKOVÁ, Veronika - DAUBNEROVÁ, Ivana - ROLLER, Ladislav - KLEPSATEL, Peter - TITŇAN, Dušan - TSAMIS, George - TAKÁČ, Peter. Gene expression in reproductive organs of tsetse females – initial data in an approach to reduce fecundity. In BMC Microbiology, 2018, vol. 18, suppl. 1, art. no. 144, p. 183-292. (2.829 - IF2017). ISSN 1471-2180. ADMA

SCOLARI, Francesca - ATTARDO, Geoffrey M. - AKSOY, Emre - WEISS, Brian L. - SAVINI, Grazia - TAKÁČ, Peter - ABD-ALLA, Adly M. M. - PARKER, Andrew Gordon - AKSOY, Serap - MALACRIDA, Anna R. Symbiotic microbes affect the expression of male reproductive genes in *Glossina m. morsitans*. In BMC Microbiology, 2018, vol. 18, suppl. 1, art. no. 169, p. 117-292. (2.829 - IF2017). ISSN 1471-2180. ADMA

UZEL, Guler D. - PARKER, Andrew Gordon - VREYSEN, Marc J. B. - MACH, Robert L. - BOUYER, Jeremy - TAKÁČ, Peter - ABD-ALLA, Adly M. M. Impact of *Glossina pallidipes* salivary gland hypertrophy virus (GpSGHV) on a heterologous tsetse fly host, *Glossina fuscipes fuscipes*. In BMC Microbiology, 2018, vol. 18, suppl. 1, art. no. 161, p. 245-292. (2.829 - IF2017). ISSN 1471-2180. ADMA

17.) Funkcia neuropeptidov a ich receptorov pri regulácii prenosu patogénov z kliešťov na hostiteľa (*The role of neuropeptides and receptors in regulation of pathogen transfer from ticks to their hosts*)

Zodpovedný riešiteľ: Dušan Žitňan
Trvanie projektu: 1.7.2015 / 30.6.2019
Evidenčné číslo projektu: APVV-14-0556
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 43250 €

Dosiahnuté výsledky:

KLEPSATEL, Peter – PROCHÁZKA, Emanuel – GÁLIKOVÁ, Martina. Crowding of *Drosophila* larvae affects lifespan and other life-history traits via reduced availability of dietary yeast. In *Experimental Gerontology*, 2018, vol. 110, p. 298-308. (3.224 – IF2017). (2018 – Current Contents). ISSN 0531-5565. Typ: ADCA

PROCHÁZKA, Emanuel - MICHALKOVÁ, Veronika - DAUBNEROVÁ, Ivana - ROLLER, Ladislav - KLEPSATEL, Peter - ŽITŇAN, Dušan - TSIAMIS, George - TAKÁČ, Peter. Gene expression in reproductive organs of tsetse females – initial data in an approach to reduce fecundity. In *BMC Microbiology*, 2018, vol. 18, suppl. 1, art. no. 144, p. 183-292. (2.829 - IF2017). ISSN 1471-2180. ADMA

Príloha C

Publikačná činnosť organizácie (generovaná z ARL)

ABA Štúdie charakteru vedeckej monografie v časopisoch a zborníkoch vydané v zahraničných vydavateľstvách

- ABA01 BONNET, Sarah - KAZIMÍROVÁ, Mária - RICHARDSON, Jennifer - ŠIMO, Ladislav. Tick Saliva and Its Role in Pathogen Transmission. In Skin and Arthropod Vectors. - GB : Elsevier, 2018, p. 121- 192. ISBN 978-0-12-811436-0.(Projekt: APVV-0737-12 : Biologický význam a farmakologické vlastnosti proteínov v slinách kliešťov).
- ABA02 KAZIMÍROVÁ, Mária - BARTÍKOVÁ, Pavlína - ŠTIBRÁNIOVÁ, Iveta. Tick-Borne Viruses and Host Skin Interface. In Skin and Arthropod Vectors. - GB : Elsevier, 2018, p. 325-384. ISBN 978-0-12-811436-0.(Projekt: APVV-0737-12 : Biologický význam a farmakologické vlastnosti proteínov v slinách kliešťov. VEGA 2/0199/15 : Sledovanie vplyvu extraktov slinných žliaz (SGE) z rôznych druhov kliešťov na indukciu a na biologickú aktivitu IFN-lambda 1.. VEGA č. 2/0089/13 : Bioaktívne látky v slinách kliešťov a ich možné využitie v riadení bunkových procesov za fyziologických a patofyziologických podmienok).

ACB Vysokoškolské učebnice vydané v domácich vydavateľstvách

- ACB01 KRUMPÁL, Miroslav - HULEJOVÁ SLÁDKOVIČOVÁ, Veronika - MANGOVÁ, Barbara - KRUMPÁLOVÁ, Zuzana. Ekológia pre zoológov. Nitra : Univerzita Konštantína Filozofa v Nitre, 2018. 252 str. Prírodovedec. Preložené pod názvom: 978-80-558-1366-0.(KEGA 025UKF-4/2016 : Živočíchy v antropogénnom prostredí - vysokoškolská učebnica, e-learning).

ADCA Vedecké práce v zahraničných karentovaných časopisoch – impaktovaných

- ADCA01 BARÁKOVÁ, Ivana - DERDÁKOVÁ, Markéta - SELYEMOVÁ, Diana - CHVOSTÁČ, Michal - ŠPITÁLSKA, Eva - ROSSO, Fausta - COLLINI, Margherita - ROSÀ, Roberto - TAGLIAPIETRA, V. - GIRARDI, Mateo - RAMPONI, Claudio - HAUFFE, H.C. - RIZZOLI, Annapaola. Tick-borne pathogens and their reservoir hosts in northern Italy. In Ticks and Tick-Borne Diseases, 2018, vol. 9, iss. 2, p. 164-170. (2.612 - IF2017). (2018 - Current Contents). ISSN 1877-959X.(APVV-14-0274 : Drobné cicavce ako potenciálny zdroj zoonotických baktérií a rezistencie na antibiotiká).
- ADCA02 BARTA, Marek - KAUTMANOVÁ, Ivona - ČIČKOVÁ, Helena - FERENČÍK, J. - FLORIÁN, Štěpán - NOVOTNÝ, Július - KOZÁNEK, Milan. The potential of Beauveria bassiana inoculum formulated into a polymeric matrix for a microbial control of spruce bark beetle. In Biocontrol Science and Technology, 2018, vol. 28, no. 7, p. 718-735. (0.918 - IF2017). (2018 - Current Contents). ISSN 0958-3157. Dostupné na internete: <<https://www.tandfonline.com/doi/full/10.1080/09583157.2018.1487027?scroll=top&needAccess=true>>.
- ADCA03 BAYARSAIKHAN, Ulziijargal - BUCSEK, Karol - BAE, Yang-Seop. New record of Hergovitsia Bucsek from Cambodia (Lepidoptera, Erebidae, Arctiinae, Lithosiini), with description of a new species. In ZOOTAXA, 2018, vol. 4531, no. 4, p. 589-595. (0.931 - IF2017). (2018 - Current Contents). ISSN 1175-5334.

- ADCA04 BAYARSAIKHAN, Ulziijargal - BUCSEK, Karol - BAE, Yang-Seop. A review of the genus *Eugoa* Walker (Lepidoptera, Erebiidae, Arctiinae, Lithosiini) in Cambodia, with the description of a new species. In ZOOTAXA, 2018, vol. 4403, iss. 3, p. 469-494. (0.931 - IF2017). (2018 - Current Contents). ISSN 1175-5334.
- ADCA05 BENOIT, Joshua B. - MICHALKOVÁ, Veronika - DIDION, Elise M. - XIAO, Yanyu - BAUMANN, Aaron A. - ATTARDO, Geoffrey M. - AKSOY, Serap. Rapid autophagic regression of the milk gland during involution is critical for maximizing tsetse viviparous reproductive output. In Plos Neglected Tropical Diseases : a peer-reviewed open-access journal published by the Public Library of Sciences, 2018, vol. 12, no. 1, art. no. e0006204, 19 pp. (4.367 - IF2017). (2018 - Current Contents). ISSN 1935-2735 (electronic version).(VEGA 2/0119/16 : Neuropeptidy regulujúce inerváciu pohlavných orgánov a sexuálne správanie bodaviek tsetse).
- ADCA06 BITUŠÍK, Peter - TRNKOVÁ, Katarína - CHAMUTIOVÁ, Tímea - SOCHULIAKOVÁ, Lucia - STOKLASA, J. - KYŠKA-PIPIK, Radovan - SZARŁOWICZ, Katarzyna - SZACIŁOWSKI, Grzegorz - THOMKOVÁ, Katarína - ŠPORKA, Ferdinand - STAREK, Dušan - ŠURKA, Juraj - MILOVSKÝ, Rastislav - HAMERLÍK, Ladislav. Tracking human impact in a mining landscape using lake sediments: A multi-proxy palaeolimnological study. In Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, vol. 504, p. 23-33. (2.375 - IF2017). (2018 - Current Contents). ISSN 0031-0182.
- ADCA07 BRYANT, G. A. - FESSLER, D. M. - FUSAROLI, Riccardo - CLINT, E. - AMIR, D. - CHÁVEZ, B. - DENTON, K. K. - DIAZ, C. - DURAN, L. T. - FANČOVIČOVÁ, Jana - PROKOP, Pavol. The perception of spontaneous and volitional laughter across 21 societies. In Psychological Science, 2018, vol. 29, iss. 9, p. 1515–1525. (6.128 - IF2017). (2018 - Current Contents). ISSN 0956-7976.
- ADCA08 BUCSEK, Karol - RINDOŠ, Michal. Description of a new species from the genus *Eugoa* Walker, 1858 (Lepidoptera: Erebiidae: Arctiinae) from the Solomon Islands. In ZOOTAXA, 2018, vol. 4504, no. 1, p. 135-137. (0.931 - IF2017). (2018 - Current Contents). ISSN 1175-5334.
- ADCA09 ČONDLOVÁ, Šárka - HORČIČKOVÁ, Michaela - SAK, Bohumil - KVĚTONOVÁ, Dana - HLÁSKOVÁ, Lenka - KONEČNÝ, Roman - STANKO, Michal - MCEVOY, John - KVÁČ, M. *Cryptosporidium apodemi* sp. n. and *Cryptosporidium ditrichi* sp. n. (Apicomplexa: Cryptosporidiidae) in *Apodemus* spp. In European journal of Protistology, 2018, vol. 63, p. 1-12. (2.430 - IF2017). (2018 - Current Contents). ISSN 0932-4739.
- ADCA10 GÁLIKOVÁ, Martina - KLEPSATEL, Peter. Obesity and Aging in the *Drosophila* Model. In International Journal of Molecular Sciences, 2018, vol. 19, iss. 7, art. no. 1896, 24 pp. (3.687 - IF2017). (2018 - Current Contents). ISSN 1422-0067.
- ADCA11 HEGLASOVÁ, Ivana - VÍCHOVÁ, Bronislava - KRALJIK, Jasna - MOŠANSKÝ, Ladislav - MIKLISOVÁ, Dana - STANKO, Michal. Molecular evidence and diversity of the spotted-fever group *Rickettsia* spp. in small mammals from natural, suburban and urban areas of Eastern Slovakia. In Ticks and Tick-Borne Diseases, 2018, vol. 9, iss. 6, p. 1400-1406. (2.612 - IF2017). (2018 - Current Contents). ISSN 1877-959X.(Vega č. 1/0084/18 : Genetická analýza vybraných nových a novo sa objavujúcich patogénov so zoonotickým potenciálom u zvierat a ľud. Vega č. 2/0126/16 : The research of structure and dynamics of montane type natural foci of tick borne pathogens. APVV-15-0134 : GEDIMEP - Genetická diverzita vybraných medicínsky dôležitých nových a novo sa objavujúcich. APVV-14-0274 : Drobné cicavce ako potenciálny zdroj zoonotických baktérií a rezistencie na antibiotiká).
- ADCA12 HOI, Herbert - DAROLOVÁ, Alžbeta - KRIŠTOFÍK, Ján - HOI, Christine. The effect of the ectoparasite *Carnus hemapterus* on immune defence, condition, and health of nestling European Bee-eaters. In Journal of Ornithology, 2018, vol. 159, iss. 1, p.

- 291–302. (1.954 - IF2017). (2018 - Current Contents). ISSN 0021-8375.(VEGA 2/0137/13 : Vplyv experimentálnych manipulácií jedincov hematofágneho ektoparazita).
- ADCA13 HOLÍKOVÁ, Viera - ŠTIBRÁNIOVÁ, Iveta - BARTÍKOVÁ, Pavlína - SLOVÁK, Mirko - KAZIMÍROVÁ, Mária. Ixodid tick salivary gland extracts suppress human transforming growth factor- β 1 triggered signalling pathways in cervical carcinoma cells. In *Biologia*, 2018, vol. 73, iss. 11, p. 1109-1122. (0.696 - IF2017). (2018 - Current Contents). ISSN 0006-3088. Dostupné na internete: <<https://link.springer.com/article/10.2478/s11756-018-0129-z>>(VEGA 2/0089/13 : Bioaktívne látky v slinách kliešťov a ich možné využitie v riadení bunkových procesov za fyziologických a patofyziologických podmienok [Bioactive molecules in tick saliva and their exploitation in the regulation of cell processes in physiological and pathophysiological conditions]. APVV-0737-12 : BIOFARTIS - Biologický význam a farmakologické vlastnosti bioaktívnych proteínov v slinách kliešťov [BIOFARTIS - Biological significance and pharmacological features of bioactive proteins in tick saliva]).
- ADCA14 CHE KAMARUZAMAN, Naila A. - MAŠÁN, Peter - VELÁSQUEZ, Yelitza - GONZÁLEZ-MEDINA, Alejandro - LINDSTRÖM, Anders - BRAIG, Henk R. - PEROTTI, M. Alejandra. Macrocheles species (Acari: Macrochelidae) associated with human corpses in Europe. In *Experimental and Applied Acarology*, 2018, vol. 76, no. 4, p. 453–471. (1.929 - IF2017). (2018 - Current Contents). ISSN 0168-8162.
- ADCA15 CHVOSTÁČ, Michal - ŠPITÁLSKA, Eva - VÁCLAV, Radovan - VACULOVÁ, T. - MINICHOVÁ, Lenka - DERDÁKOVÁ, Markéta. Seasonal patterns in the prevalence and diversity of Tick-Borne *Borrelia burgdorferi* Ssensu Lato, *Anaplasma phagocytophilum* and *Rickettsia* spp. in an Urban temperate forest in South Western Slovakia. In *International Journal of Environmental Research and Public Health*, 2018, vol. 15, iss. 5, art. no. 994, 19 pp. (2.145 - IF2017). (2018 - Current Contents). ISSN 1661-7827.(VEGA no. 2/0068/17 : Patogény a endosymbionty ako zložky prirodzeného prostredia krv cicajúcich ektoparazitov. APVV-16-0463 : Ekológia hostiteľskej špecifickosti vektormi prenášaných parazitov).
- ADCA16 KALÚZ, Stanislav - LITERÁK, I. - KOLENČÍK, S. The chiggers (Acari: Trombiculidae) on wild birds in Honduras. In *Folia Parasitologica*, 2018, vol. 65, no., art. no. 017, 4 pp. (1.505 - IF2017). (2018 - Current Contents). ISSN 0015-5683.
- ADCA17 KALÚZ, Stanislav - ERMILOV, Sergey G. A new species of the genus *Neocunaxoides* (Acari: Prostigmata: Cunaxidae) from Vietnam. In *Biologia*, 2018, vol. 73, iss. 12, p. 1223–1228. (0.696 - IF2017). (2018 - Current Contents). ISSN 0006-3088.
- ADCA18 KALÚZ, Stanislav - STARÝ, J. Two new species of the family Cunaxidae (Acari: Prostigmata) from Madagascar. In *ZOOTAXA*, 2018, vol. 4378, no. 4, p. 249-262. (0.931 - IF2017). (2018 - Current Contents). ISSN 1175-5334.(VEGA 2/0139/17 : Ekologický a etologický výskum invázneho švába *Ectobius vittiventris* (Blattaria) na Slovensku).
- ADCA19 KLEPSATEL, Peter - PROCHÁZKA, Emanuel - GÁLIKOVÁ, Martina. Crowding of *Drosophila* larvae affects lifespan and other life-history traits via reduced availability of dietary yeast. In *Experimental Gerontology*, 2018, vol. 110, p. 298-308. (3.224 - IF2017). (2018 - Current Contents). ISSN 0531-5565.
- ADCA20 KMEŤ, Vladimír - ČUVALOVÁ, Anna - STANKO, Michal. Small mammals as sentinels of antimicrobial-resistant staphylococci. In *Folia Microbiologica*, 2018, vol. 63, no. 5, p. 665-668. (1.311 - IF2017). (2018 - Current Contents). ISSN 0015-5632.(APVV-14-0274 : Drobné cicavce ako potenciálny zdroj zoonotických baktérií a rezistencie na antibiotiká).

- ADCA21 KOKAVEC, Igor - NAVARA, Tomáš - BERACKO, Pavel - ROGÁNSKA, Alexandra - LÁNCZOS, Tomáš - ŠPORKA, Ferdinand. Effect of a series of reservoirs on the environmental conditions and non-insect benthic communities in Slovakia's longest river. In *Fundamental and Applied Limnology*, 2018, vol. 191, no. 2, p. 123 - 142. (1.361 - IF2017). (2018 - Current Contents). ISSN 1863-9135.(VEGA 1/0119/16 : Vplyv krajiny a regulácií na spoločenstvá bentosu tečúcich vôd).
- ADCA22 KRNO, Il'ja - BERACKO, Pavel - NAVARA, Tomáš - ŠPORKA, Ferdinand - MIŠÍKOVÁ-ELEXOVÁ, Elena. Changes in species composition of water insects during 25-year monitoring of the Danube floodplains affected by the Gabčíkovo waterworks. In *Environmental Monitoring and Assessment*, 2018, vol. 190, iss. 7, art. no. 412, 20 pp. (1.804 - IF2017). (2018 - Current Contents). ISSN 0167-6369.(VEGA 1/0119/16 : Vplyv krajiny a regulácií na spoločenstvá bentosu tečúcich vôd).
- ADCA23 MÁCOVÁ, Anna - HOBLÍKOVÁ, Aneta - HYPŠA, Václav - STANKO, Michal - MARTINŮ, Jana - KVIČEROVÁ, J. Mysteries of host switching: Diversification and host specificity in rodent-coccidia associations. In *Molecular Phylogenetics and Evolution*, 2018, vol. 127, p. 179-189. (4.412 - IF2017). (2018 - Current Contents). ISSN 1055-7903.(APVV-14-0274 : Drobné cicavce ako potenciálny zdroj zoonotických baktérií a rezistencie na antibiotiká).
- ADCA24 MARCINKOWSKA, U. M - JASIENSKA, Grazyna - PROKOP, Pavol. A Comparison of Masculinity Facial Preference Among Naturally Cycling, Pregnant, Lactating, and Post-Menopausal Women. In *Archives of Sexual Behavior*, 2018, vol. 47, no. 5, p. 1367-1374. (3.223 - IF2017). (2018 - Current Contents). ISSN 0004-0002.
- ADCA25 MAŠÁN, Peter - MOJAHED, Samaneh - HAJIZADEH, Jalil - HOSSEINI, Reza - AHADIYAT, Ali. On remarkable Pachylaelaps species with unusual sperm induction system in females (Acari, Mesostigmata, Pachylaelapidae). In *Systematic and Applied Acarology*, 2018, vol. 23, no. 9, p. 1726-1740. (1.696 - IF2017). (2018 - Current Contents). ISSN 1362-1971.
- ADCA26 MAŠÁN, Peter. A morphological re-evaluation of *Pachyseius humeralis* Berlese, 1910 (Acari, Mesostigmata, Pachylaelapidae). In *Zookeys*, 2018, vol. 790, p. 35-44. (1.079 - IF2017). (2018 - Current Contents). ISSN 1313-2989.(VEGA 2/0036/18 : Systematika, ekologické nároky a rozšírenie foretických roztočov (Acari, Mesostigmata) podkôrneho a drevokazného hmyzu v podmienkach Európy. / Systematics, ecological requirements and chorology of saproxylic mites (Acari: Mesostigmata) phoretically associated with woodboring insects in Europe).
- ADCA27 MAXWELL, M.R. - PROKOP, Pavol. Fitness effects of nuptial gifts in the spider *Pisaura mirabilis*: examination under an alternative feeding regime. In *Journal of Arachnology*, 2018, vol. 46, iss. 3, p. 404-413. (1.236 - IF2017). (2018 - Current Contents). ISSN 0161-8202.
- ADCA28 MESCHT, Luther van der - WARBURTON, Elizabeth M. - KHOKHLOVA, I.S. - STANKO, Michal - VINARSKY, Maxim V. - KORALLO-VYNARSKAYA, Natalia P. - KRASNOV, B. R. Biogeography of parasite abundance: latitudinal gradient and distance decay of similarity in the abundance of fleas and mites, parasitic on small mammals in the Palearctic, at three spatial scales. In *International Journal for Parasitology*, 2018, vol. 48, no. 11, p. 857-866. (3.078 - IF2017). (2018 - Current Contents). ISSN 0020-7519.(VEGA 2/0059/15 : Prírodné ohniská v mestách na príklade košickej aglomerácie: štruktúra a dynamika v priestore a v čase.).
- ADCA29 MUSILA, Simon - PROKOP, Pavol - GICHUKI, Nathan. Knowledge and perceptions of, and attitudes to, bats by people living around Arabuko-Sokoke Forest, Malindi-Kenya. In *Anthrozoos*, 2018, vol. 31, iss. 2, p. 247-262. (1.605 - IF2017). (2018 - Current Contents). ISSN 0892-7936.

- ADCA30 ÖZBEK, Hasan Hüseyin - MAŠÁN, Peter. A new species and subgenus of *Pachylaelaps* Berlese from Turkey (Acari: Pachylaelapidae). In *ZOOTAXA*, 2018, vol. 4418, iss. 5, p. 481-492,. (0.931 - IF2017). (2018 - Current Contents). ISSN 1175-5334.
- ADCA31 PAULAUŠKAS, Algimantas - GALDIKAS, Matas - GALDIKAITE, E. - STANKO, Michal - KAHL, Olaf - KARBOWIAK, G. - RADZIJEVSKAJA, Jana. Microsatellite-based genetic diversity of *Dermacentor reticulatus* in Europe. In *Infection Genetics and Evolution*, 2018, vol. 66, p. 200-209. (2.545 - IF2017). (2018 - Current Contents). ISSN 1567-1348.
- ADCA32 PROKOP, Pavol - FANČOVIČOVÁ, Jana - KUČEROVÁ, A. Aposematic colouration does not explain fear of snakes in humans. In *Journal of Ethology*, 2018, vol. 36, iss.1., p. 35–41. (1.127 - IF2017). (2018 - Current Contents). ISSN 0289-0771.
- ADCA33 ROSÀ, Roberto - ANDREO, Veronica - TAGLIAPIETRA, V. - BARÁKOVÁ, Ivana - ARNOLDI, Daniele - HAUFFE, H.C. - MANICA, M. - ROSSO, Fausta - BLAŇAROVÁ, Lucia - BONA, Martin - DERDÁKOVÁ, Markéta - HAMŠÍKOVÁ, Z. - KAZIMÍROVÁ, Mária - KRALJIK, Jasna - KOCIANOVÁ, Elena - MAHRÍKOVÁ, Lenka - MINICHOVÁ, Lenka - MOŠANSKÝ, Ladislav - SLOVÁK, Mirko - STANKO, Michal - ŠPITÁLSKA, Eva - DUCHEYNE, Els - NETELER, Markus - HUBÁLEK, Zdeněk - RUDOLF, Ivo - VENCLÍKOVÁ, Kristýna - SILAGHI, Cornelia - OVERZIER, E. - FARKAS, Robert - FÖLDVÁRI, Gabor - HORNOK, Sandor - TAKÁCS, Nóra - RIZZOLI, Annapaola. Effect of Climate and Land Use on the Spatio-Temporal Variability of Tick-Borne Bacteria in Europe. In *International Journal of Environmental Research and Public Health*, 2018, vol. 15, iss. 4, art. no. 732. (2.145 - IF2017). (2018 - Current Contents). ISSN 1661-7827.(EDENext FP7-261504 : Biology and control of vector-borne infection).
- ADCA34 RUBE, Franz - BRUGGER, Katharina - WALTER, Melanie - VOGELGESANG, Janna R. - DIDYK, Yu. M. - FU, Su - KAHL, Olaf. Geographical distribution, climate adaptation and vector competence of the Eurasian hard tick *Haemaphysalis concinna*. In *Ticks and Tick-Borne Diseases*, 2018, vol. 9, iss. 5, p.1080-1089. (2.612 - IF2017). (2018 - Current Contents). ISSN 1877-959X.
- ADCA35 SEMELBAUER, Marek - MANGOVA, Barbara - BARTA, Marek - KOZÁNEK, Milan. The Factors Influencing Seasonal Dynamics and Spatial Distribution of Stable Fly *Stomoxys calcitrans* (Diptera, Muscidae) within Stables. In *Insects*, 2018, vol. 9, iss. 4, art. no. 142, 11 p. (1.848 - IF2017). (2018 - Current Contents). ISSN 2075-4450. Dostupné na internete: <<https://www.mdpi.com/2075-4450/9/4/142>>.
- ADCA36 STENGER, Brianna L.S. - HORČÍČKOVÁ, Michaela - CLARKE, Mark - KVÁČ, M. - ČONDLOVÁ, Šárka - KHAN, Eakalak - WINDMER, Giovanni - XIAO, Lihua - GIDDINGS, Catherine W. - PENNIL, Christopher - STANKO, Michal - SAK, Bohumil - MCEVOY, John. *Cryptosporidium* infecting wild cricetid rodents from the subfamilies Arvicolinae and Neotominae. In *Parasitology*, 2018, vol. 145, no. 3, p. 326-334. (2.511 - IF2017). (2018 - Current Contents). ISSN 0031-1820.
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- ADMA04 FRISOVÁ CHRISTOPHORYOVÁ, Jana - VIDLIČKA, Ľubomír - KAUTMAN, Václav - KRAJČOVIČOVÁ, Katarína. First record of neotropical genus *Semeiochernes* Beier, 1932 in Ecuador (Pseudoscorpiones, Chernetidae) : Scientific note. In Spixiana : Zeitschrift für Zoologie, 2018, vol. 41, no. 1, p. 26. (0.375 - IF2017). ISSN 0341-8391.(VEGA 1/0191/15 : Riešenie taxonomických problémov vybraných čeľadí štúrikov (Arachnida: Pseudoscorpiones) Európy s využitím sekvenačných dát a karyológie).
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- ADMA10 SCOLARI, Francesca - ATTARDO, Geoffrey M. - AKSOY, Emre - WEISS, Brian L. - SAVINI, Grazia - TAKÁČ, Peter - ABD-ALLA, Adly M. M. - PARKER, Andrew Gordon - AKSOY, Serap - MALACRIDA, Anna R. Symbiotic microbes affect the expression of male reproductive genes in *Glossina m. morsitans*. In BMC Microbiology, 2018, vol. 18, suppl. 1, art. no. 169, p. 117-292. (2.829 - IF2017). ISSN 1471-2180.
- ADMA11 UZEL, Guler D. - PARKER, Andrew Gordon - VREYSEN, Marc J. B. - MACH, Robert L. - BOUYER, Jeremy - TAKÁČ, Peter - ABD-ALLA, Adly M. M. Impact of *Glossina pallidipes* salivary gland hypertrophy virus (GpSGHV) on a heterologous tsetse fly host, *Glossina fuscipes fuscipes*. In BMC Microbiology, 2018, vol. 18, suppl. 1, art. no. 161, p. 245-292. (2.829 - IF2017). ISSN 1471-2180.
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- AECA01 ŠUSTEK, Zbyšek. Rozdiely v tolerancii dominantných druhov bystruškovitých (Coleoptera, Carabidae) v západokarpatských smrekových porastoch k dôsledkom polomov a následným zásahom do poškodených porastov = Differences in tolerance of the dominant Carabid species (Coleoptera, Carabidae) in West Carpathian Norway spruce forests to windstorms and subsequent management of damaged stands. In Geobiocenologie a lesnická typologie a jejich aplikace v lesnictví a krajinářství : sborník recenzovaných prací z mezinárodní konference konané 15.-16. února 2018 v Brně, Česká republika. - Brno, CZ : Mendelova Univerzita v Brně, Lesnická a dřevařská fakulta, 2018, s. 168 - 177. ISBN 978-80-88184-15-7.(Geobiocenologie a lesnická typologie a jejich aplikace v lesnictví a krajinářství : Mezinárodní konference. VEGA 2/0101/14 : Krátkodobé a strednodobé výkyvy klimatických faktorov ako regulátor sukcesie taxocenóz bystruškovitých (Coleoptera, Carabidae) v rôzne narušených horských lesných ekosystémoch. VEGA 1/0370/18 : Hodnotenie zraniteľnosti vybraných prírodných a narušených ekosystémov voči hydrometeorologickým extrémom).

AFD Publikované príspevky na domácich vedeckých konferenciách

- AFD01 GÁLIKOVÁ, Zuzana - ROLLER, Ladislav - PILLEROVÁ, Miriam - REZÁKOVÁ, Simona - LEVARSKI, Z. - STUHLÍK, Stanislav - ŽITNAN, Dušan. Analýza expresie neuropeptidov ITP a ITPL a ich receptorov u priadky morušovej. In Študentská vedecká konferencia PriF UK 2018 : zborník recenzovaných príspevkov. Editor Michal Galamboš, Eva Viglašová, Vladimíra Džugasová, Andrea Ševčovičová, Adela Bobovská ; rec. Alžbeta Blehová, Silvia Bodoríková. - Bratislava : Univerzita Komenského v Bratislave vo Vydavateľstve UK, 2018, s. 134. ISBN 978-80-223-4517-0.(Študentská vedecká konferencia PriF UK 2018. Študentská vedecká konferencia PriF UK 2018).
- AFD02 PECINA, P. - VIDLIČKA, Ľubomír. Dĺžka kopulácie vybraných druhov švábov (Blattaria) z čeľadi Blaberidae a Blattidae : prednáška = Copulationlength of selected species of cockroach (Blattaria) from families Blaberidae a Blattidae. In Študentská vedecká konferencia PriF UK 2018 : zborník recenzovaných príspevkov. Editori: Michal Galamboš, Eva Viglašová, Vladimíra Džugasová, Andrea Ševčovičová, Adela Bobovská. - Bratislava : Univerzita Komenského v Bratislave vo Vydavateľstve UK, 2018, s. 516-521. ISBN 978-80-223-4517-0.(Študentská vedecká konferencia PriF UK 2018. Študentská vedecká konferencia PriF UK 2018).
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AFG Abstrakty príspevkov zo zahraničných konferencií

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AECA Vedecké práce v zahraničných recenzovaných zborníkoch a kratšie kapitoly/state v zahraničných vedeckých monografiách alebo VŠ učebniciach

- AECA01 VIDLIČKA, Ľubomír - HOLUŠA, J.JR. Rusec plamatý *Phyllodromica maculata* (Schreber, 1781) (Blattodea:Ectobiidae:Ectobiinae) na Moravě a v Čechách = *Phyllodromica maculata maculata* (Schreber, 1781) (Blattodea: Ectobiidae: Ectobiinae) in Moravia and Bohemia. In Sborník přírodovědného klubu v Uherskem Hradišti, 1999, roč. 4, č., s. 107-114.

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1. [1.1] TAO, Tian - XIE, Xi - LIU, Mingxin - JIANG, Qinghua - ZHU, Dongfa. *Cloning of two carboxylesterase cDNAs from the swimming crab Portunus trituberculatus: Molecular evidences for their putative roles in methyl farnesotae degradation. In COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY B-BIOCHEMISTRY & MOLECULAR BIOLOGY. ISSN 1096-4959, 2017, vol. 203, no., pp. 100-107., Registrované v: WOS*

2. [1.1] XU, Yu - ZHAO, Muzi - DENG, Yanfei - YANG, Yuanjie - LI, Xuguang - LU, Quanping - GE, Jiachun - PAN, Jianlin - XU, Zhiqiang. *Molecular cloning, characterization and expression analysis of two juvenile hormone esterase-like carboxylesterase cDNAs in Chinese mitten crab, Eriocheir sinensis. In COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY B-BIOCHEMISTRY & MOLECULAR BIOLOGY. ISSN 1096-4959, 2017, vol. 205, no., pp. 46-53., Registrované v: WOS*

AGI Správy o vyriešených vedeckovýskumných úlohách

AGI01

ADAMKOVÁ, Juliana - HENSEL, K. - GREŠKOVÁ, Anna - KLOZÍK, Marcel - LEHOTSKÝ, Milan - OŤAHELOVÁ, Helena - ŠPORKA, Ferdinand - ŠTEFKOVÁ, Elena - VALACHOVIČ, Milan. *Príprava databázy hydromorfologických a biologických ukazovateľov pre proces výberu a charakterizácie referenčných miest podľa Smernice 2000/60/EC = hydromorphological river survey and assessment (Slovakia). Bratislava : Slovenský hydrometeorologický ústav, 2003. 126 s.*

Citácie:

1. [1.2] KUJANOVÁ, Kateřina - MATOUŠKOVÁ, Milada. *Identification of hydromorphological reference sites using the new REFCON method, with an application to rivers in the Czech Republic. In Ecohydrology and Hydrobiology. ISSN 1642-3593, 2017, vol. 17, no. 3, p. 235-245., Registrované v: SCOPUS*

FAI Zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky, atlasy ...)

FAI01

Príroda rezervácie Šúr. Editori: Oto Majzlan, Ľubomír Vidlička. Bratislava : Ústav zoológie SAV, 2010. 410 s. ISBN 978-80-970326-0-9.

Citácie:

1. [4.1] SEMELBAUER, M. 2017: *Descriptions of Homoneura females (Diptera, Lauxaniidae) native to Slovakia. ENTOMOFAUNA CARPATHICA, 29(2): 1-12.*

Príloha D

Údaje o pedagogickej činnosti organizácie

Semestrálne prednášky:

Mgr. Marek Semelbauer, PhD.

Názov semestr. predmetu: Ekologické princípy ochrany prírody

Počet hodín za semester: 3

Názov katedry a vysokej školy: Univerzita Komenského v Bratislave, Katedra ekológie

Semestrálne cvičenia:

Mgr. Zuzana Gáliková

Názov semestr. predmetu: Cvičenie z molekulárnej biológie

Počet hodín za semester: 26

Názov katedry a vysokej školy: Prírodovedecká fakulta UK, Katedra molekulárnej biológie

Mgr. Vanda Klöcklerová

Názov semestr. predmetu: Základné cvičenie z molekulárnej biológie

Počet hodín za semester: 26

Názov katedry a vysokej školy: Prírodovedecká fakulta UK, Katedra molekulárnej biológie

Semináre:

RNDr. Tomáš Navara, PhD.

Názov semestr. predmetu: Zoológia bezstavovcov

Počet hodín za semester: 5

Názov katedry a vysokej školy: Žilinská univerzita v Žiline, Výskumný ústav vysokohorskej biológie

Terénne cvičenia:

Mgr. Barbara Mangová, PhD.

Názov semestr. predmetu: terénne práce z ekológie - pôdna zoológia

Počet hodín za semester: 40

Názov katedry a vysokej školy: Univerzita Komenského v Bratislave, Katedra ekológie

RNDr. Tomáš Navara, PhD.

Názov semestr. predmetu: Zoológia bezstavovcov

Počet hodín za semester: 5

Názov katedry a vysokej školy: Žilinská univerzita v Žiline, Výskumný ústav vysokohorskej biológie

Mgr. Marek Semelbauer, PhD.

Názov semestr. predmetu: Terénne práce z ekológie

Počet hodín za semester: 12

Názov katedry a vysokej školy: Univerzita Komenského v Bratislave, Katedra ekológie

Individuálne prednášky:

RNDr. Tomáš Navara, PhD.

Názov semestr. predmetu: Hydrobiológia

Počet hodín za semester: 2

Názov katedry a vysokej školy: Univerzita Komenského v Bratislave, Katedra ekológie

RNDr. Tomáš Navara, PhD.

Názov semestr. predmetu: Zoológia bezstavovcov

Počet hodín za semester: 10

Názov katedry a vysokej školy: Žilinská univerzita v Žiline, Výskumný ústav vysokohorskej biológie

Príloha E**Medzinárodná mobilita organizácie****(A) Vyslanie vedeckých pracovníkov do zahraničia na základe dohôd:**

Krajina	D r u h d o h o d y					
	MAD, KD, VTS		Medziústavná		Ostatné	
	Meno pracovníka	Počet dní	Meno pracovníka	Počet dní	Meno pracovníka	Počet dní
Čína					Jan Hinkelman	30
Počet vyslaní spolu					1	30

(B) Prijatie vedeckých pracovníkov zo zahraničia na základe dohôd:

Krajina	D r u h d o h o d y					
	MAD, KD, VTS		Medziústavná		Ostatné	
	Meno pracovníka	Počet dní	Meno pracovníka	Počet dní	Meno pracovníka	Počet dní
Veľká Británia					Amy Louise Fowles	10
Počet prijatí spolu					1	10

(C) Účasť pracovníkov pracoviska na konferenciách v zahraničí (nezahrnutých v "A"):

Krajina	Názov konferencie	Meno pracovníka	Počet dní
Česko	GcLT 2018	Zbyšek Šustek	2
	LBaDIPK	Markéta Derdáková	2
		Michal Chvostáč	2
		Jasna Kraljik	2
		Diana Selyemová	2
Grécko	10 MBGL	Zuzana Gáliková	7
		David Wildridge	7
	MBGL10	Ladislav Roller	7
Veľká Británia	29. CECE 2018	Dušan Žitňan	7
Spolu		5	38

Vysvetlivky: MAD - medziakademické dohody, KD - kultúrne dohody, VTS - vedecko-technická spolupráca v rámci vládnych dohôd

Skratky použité v tabuľke C:

10 MBGL - The 10th International Workshop on „Molecular Biology and Genetics of the Lepidoptera“

29. CECE 2018 - 29th conference of european comparative endocrinologists

GcLT 2018 - Medzinárodná konferencia Geobiocenologie a lesnícká typologie a jejich aplikace v lesníctví a krajinárství

LBaDIPK - Odborná konferencia „Lymeská borrelióza a ďalšie infekcie prenášané kliešťami“

MBGL10 - The 10th International Workshop on „Molecular Biology and Genetics of the Lepidoptera“

Príloha F**Vedecko-popularizačná činnosť pracovníkov organizácie SAV**

Meno	Spoluautori	Typ¹	Názov	Miesto zverejnenia	Dátum alebo počet za rok
RNDr. Alžbeta Darolová, CSc.		RO	hodinová relácia o vtákoch	RTVS	28.5.2018
MVDr. Markéta Derdáková, PhD.		TL	Život kliešťa	TÉMA	13.7.2018
MVDr. Markéta Derdáková, PhD.	Martina Ličková	TL	Kliešte: Nepustite si ich k telu!	Pravda	25.6.2018
MVDr. Markéta Derdáková, PhD.	Michal Chvostáč, Tatiana Vaculová, Yulia Didyk, Jasna Kraljik, Diana Selyemová, Martina Ličková	TV	Tropické kliešte na Slovensku	Tv Markíza správy	1.6.2018
MVDr. Markéta Derdáková, PhD.	Radovan Václav	TV	Výskum kliešťov prináša nové zistenia	správy RTVS	10.6.2018
Mgr. Matej Kautman, PhD.		RO	Noc Výskumníkov - Veda v osade	RTVS	29.9.2018
Mgr. Igor Kokavec, PhD.		iné	Vedecký veľtrh 2018	Námeste NC Eurovea	14.9.2018
RNDr. Tomáš Navara, PhD.		iné	Vedecký veľtrh 2018	Námestie NC Eurovea, Bratislava	14.9.2018
Mgr. Marek Semelbauer, PhD.		PB	Fenomén čistých autoskiel alebo kam sa vytratila lietajúca háv	CVTI, Bratislava	20.3.2018
Mgr. Marek Semelbauer, PhD.		RO	Rozhovor na tému sršne	Rádio Expres	5.9.2018
Mgr. Marek Semelbauer, PhD.	Zuzana Hudeková, Tatiana Šušková	RO	Alternatívna starostlivosť o mestskú zeleň	Radio Regina	2.8.2018
Ing. Zbyšek Šustek, CSc.		TV	Bratislava: Ktorý stromček je najekologickejší?	TV JOJ	2.12.2018
Ing. Zbyšek Šustek, CSc.		TV	Komáre chytajú druhý dych. Nezabývame sa ich ani počas zimy	TV JOJ	9.11.2018
Ing. Zbyšek Šustek, CSc.		RO	Nommez l'insecte dont la population était tr?s importante sur le territoire slovaque autrefois mais qui est devenu aujourd'hui rare au point d'avoir pratiquement disparu.	RTVS Radio Slovakia international, francúzska redakcia	7.10.2018
Ing. Zbyšek Šustek, CSc.		TV	Rozhovor o vniku čsl. meny v r. 1919	RTVS	25.10.2018
Mgr. Radovan Václav, PhD.	Milan Olekšák a kol.	iné	aktívna účasť na tlač. konferencii k projektu	Drienovec, NP Slovenský kras	24.4.2018

			"Úžasný vtáčí svet bez hraníc"		
Mgr. Radovan Václav, PhD.	rež. Branislav Molnár	DO	odborná spolupráca na dok. filme "Bratislava, mesto uprostred prírody"	RTVS :2	1.9.2018
doc. RNDr. Ľubomír Vidlička, CSc.		RO	Rozhovor v Nočnej pyramíde	RTVS - Rádio Slovensko	21.6.2018
doc. RNDr. Ľubomír Vidlička, CSc.	Ján Löw	TV	Bzdochy v Bratislave	Noviny TV JOJ	6.11.2018
Mgr. Igor Kokavec, PhD.		TL	vedecko-popularizačné články	časopis Quark	3
Mgr. Barbara Mangová, PhD.		TL	Ako sa zmení náš jedálny lístok - využitie hmyzu, rozhovor pre médiá	Téma	1

¹ PB - prednáška/beseda, TL - tlač, TV - televízia, RO - rozhlas, IN - internet, EX - exkurzia, PU - publikácia, MM - multimédia, DO - dokumentárny film