

Ústav zoológie Slovenskej akadémie vied, v. v. i.



**Výročná správa o činnosti a hospodárení verejnej výskumnej
inštitúcie za rok 2024**

Bratislava
jún 2025

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Správa o činnosti organizácie SAV za rok 2024

Správa audítora

1. Základné údaje o verejnej výskumnej inštitúcii

Názov: Ústav zoológie Slovenskej akadémie vied, v. v. i.
Riaditeľ: Ing. Ladislav Roller, PhD.
1. zástupca riaditeľa: doc. RNDr. Ľubomír Vidlička, CSc.
2. zástupca riaditeľa: -
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Tel.: 02/5930 2602
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Názvy a adresy organizačných zložiek a detašovaných pracovísk:

Organizačné zložky: nie sú
Detašované pracoviská: Terénna výskumná stanica v Gabčíkove, Gabčíkovo 1315

Vedúci organizačných zložiek a detašovaných pracovísk:

Organizačné zložky: nie sú
Detašované pracoviská: Terénna výskumná stanica v Gabčíkove, vedúci nie je zadany

2. Zmeny zakladacej listiny, vnútorných predpisov verejnej výskumnej inštitúcie alebo vnútorných predpisov zakladateľ'a

Slovenská akadémia vied vydala dňa 15.11.2021 zakladaciu listinu č. 06174/2021 podľa § 3 ods. 1 písm. b) zákona č. 243/2017 Z. z. o verejnej výskumnej inštitúcii a o zmene a doplnení niektorých zákonov a § 21aa ods. 1 a 7 písm. a) zákona č. 133/2002 Z. z. o Slovenskej akadémii vied., na základe ktorej sa Ústav zoológie SAV, v. v. i. stal s účinnosťou od 1.1. 2022 verejnou výskumnou inštitúciou.

11.2.2023 bol vydaný dodatok č. 1, ktorým sa upravila adresa sídla verejnej výskumnej inštitúcie.
27.11.2023 bol vydaný dodatok č. 2, ktorým sa upravili názvy číselníka odborov vedy a techniky na základe Smernice MŠVVaŠ SR č. 55/2022 o sústave odborov vedy a techniky a číselníku odborov vedy a techniky. Zároveň bol týmto dodatkom zmenený počet členov Vedeckej rady Ústavu zoológie SAV, v. v. i..

Vnútorné predpisy organizácie:

- Štatút
- Organizačný poriadok
- Pracovný poriadok
- Pravidlá tvorby rozpočtu
- Pravidlá hodnotenia výskumných pracovníkov
- Volebný a nominačný poriadok na funkciu člena Správnej rady
- Volebný a nominačný poriadok na funkciu člena Vedeckej rady

Vnútorné predpisy Správna rada predložila Vedeckej rade a Dozornej rade dňa 31.1.2022. Po vyjadrení Vedeckej rady a Dozornej rady a zapracovaní pripomienok, boli vnútorné predpisy schválené dňa 24.3.2022. Vnútorné predpisy /Štatút a Organizačný poriadok/ boli aktualizované a schválené dňa 27.3.2024 a 19.11.2024.

3. Zloženie orgánov, zmeny v ich zložení a ich činnosť

Správna rada

Predseda:	Ing. Ladislav Roller, PhD.
Podpredsedníčka:	Ing. Danko Sitarčíková
Členovia:	Mgr. Martina Gáliková, PhD. prof. PaedDr. Pavol Prokop, DrSc. doc. RNDr. Ľubomír Vidlička, CSc.

Správna rada zasadala v roku 2024 5 krát. Na zasadnutiach bol prerokovaný a schválený rozpočet na rok 2024, účtovná závierka za rok 2023 a výsledok hospodárenia za rok 2023. Boli prerokované a schválené vnútorné predpisy organizácie. Bola prerokovaná výročná správa za rok 2023 Správna rada organizovala voľby členov do Vedeckej rady Ústavu zoológie SAV, v. v. i..

Vedecká rada

Zloženie k 1.1.2024:

Predseda:	Mgr. Ivana Daubnerová, PhD.
Interní členovia:	RNDr. Alžbeta Darolová, CSc. Mgr. Radovan Václav, PhD.
Externí členovia:	Mgr. Ján Kautman doc. Dr.rer.nat. Peter Vďačný, PhD.

Zloženie k 31.12.2024:

Predseda:	RNDr. Mária Kazimírová, CSc.
Interní členovia:	Mgr. Ivana Daubnerová, PhD. prof. Ing. Ladislav Hamerlík, PhD. RNDr. Juraj Koči, PhD. Mgr. Marek Semelbauer, PhD. Mgr. Radovan Václav, PhD.
Externí členovia:	Mgr. Ján Kautman doc. Dr.rer.nat. Peter Vďačný, PhD. prof. RNDr. Michal Zeman, DrSc.

Vedecká rada zasadala v roku 2024 8 krát. Počas roka 2024 boli voľby členov do Vedeckej rady. Na zasadnutiach boli prerokované podklady do Správy o činnosti organizácie SAV za rok 2023

a Výročná správa o činnosti a hospodárení, ktoré boli následne schválené. Vedecká rada hodnotila publikačnú činnosť a iné vedecké výkony zamestnancov a doktorandov. Boli prerokované návrhy k obsadeniu doktorandských miest a k návrhu riaditeľa na predĺženie pracovných zmlúv a úväzkov zamestnancov. Vedecká rada sa vyjadrila k zmenám vnútorných predpisov, podieľala sa na výbere a nastavení merateľných ukazovateľov do výkonnostných zmlúv na obdobie 2024-2026 a zorganizovala stretnutie Akademickkej obce k podpore navrhnutého kandidáta na Predsedu SAV.

Dozorná rada

Zloženie k 1.1.2024:

Predseda: prof. RNDr. Karol Marhold, DrSc.

Členovia: Ing. Veronika Púčiková
Prof. RNDr. Vladimír Kováč, CSc.

Zloženie k 31.12.2024:

Predseda: prof. RNDr. Karol Marhold, DrSc.

Členovia: Ing. Veronika Púčiková
Prof. RNDr. Peter Fedor, CSc.

Dozorná rada zasadala v roku 2024 6 krát. Počas roku 2024 boli voľby členov do Dozornej rady. Na zasadnutiach bola prerokovaná a schválená účtovná závierka za rok 2023, Správa riaditeľa o hospodárení organizácie a finančnom výsledku za rok 2023. Dozorná rada udelila súhlas s uzavretím zmluvy na výkon auditu účtovnej závierky za rok 2024. Dozorná rada sa vyjadrila k zmenám vnútorných predpisov a bol vydaný súhlas s nadobudnutím majetku podľa § 35 zákona č. 243/2017 Z.z. v platnom znení. Dozorná rada udelila súhlas na uzavretie zmluvy k prevodu obchodného podielu Ústavu zoológie SAV, v. v. i. vo firme Entomological Problems s. r. o. v zmysle § 35 ods. 3 písm. c) zákona č. 243/2017 Z.z. v platnom znení.

4. Prehľad výsledkov dosiahnutých v r. 2024

Výsledky dosiahnuté v r. 2024 sú uvedené v Správe o činnosti organizácie SAV za rok 2024 (Príloha).

5. Hodnotenie výsledkov výskumnej činnosti verejnej výskumnej inštitúcie a jej spôsobilosti vykonávať výskumnú činnosť vedeckou radou

Vedecká rada Ústavu zoológie SAV, v. v. i. (ďalej VR) 6.2.2025 hodnotila výsledky výskumnej činnosti inštitúcie a jej spôsobilosť vykonávať výskumnú činnosť na základe porovnania kvantity a kvality vedeckých prác publikovaných v roku 2024 s publikačnou aktivitou organizácie v predchádzajúcich rokoch. Vo svojom hodnotení zohľadnila úroveň a počet výskumných projektov riešených zamestnancami Ústavu zoológie SAV, v. v. i., ako aj kvalitu výstupov riešených projektov.

V roku 2024 bolo v impaktovaných časopisoch publikovaných celkovo 50 pôvodných vedeckých prác, z toho 45 prác v zahraničných impaktovaných časopisoch (ADCA, ADMA) a 5 prác v domácich impaktovaných časopisoch (ADDA) (Tabuľka 1). Celkový počet publikácií bol najvyšší za posledných päť rokov. Podiel prác vo vedeckých časopisoch s kvartilom JSR Q1 a Q2 bol v roku 2024 takisto najvyšší (45 publikácií) za posledné roky, avšak počet publikácií, na ktorých pracovníci ústavu figurujú ako prví alebo korešpondujúci autori, klesol na 25 (Tabuľka 2). Podiel publikácií v Q1 a Q2 časopisoch, na ktorých pracovníci ústavu tvorili aspoň 50% autorského kolektívu, bol 26% (13 z celkového počtu 50 prác), čo je v porovnaní s rokom 2023 pokles o 21%. Podiel publikácií s prevahou zahraničných autorov bol 36% (18 prác). Podiel prác publikovaných vo vydavateľstve MDPI bol 12% (6 prác). Kolísanie podielu domácich a zahraničných autorov na publikáciách v priebehu viacerých rokov je prirodzený jav, napriek tomu však VR naďalej považuje za dôležité podporovať kvalitný výskum, ktorého kľúčovými riešiteľmi sú kmeňoví zamestnanci inštitúcie a ktorý vzniká z významnej časti na pôde ústavu. Na druhej strane však VR pozitívne hodnotí aj zapojenie vedeckých pracovníkov ústavu do medzinárodných spoluprác, najmä ich prvé, korešpondenčné, či posledné („senior author“) autorstvo na publikáciách, v ktorých dominuje zastúpenie zahraničných autorov, pretože to odzrkadľuje medzinárodné uznanie ich vedeckej práce a kvality.

Na udržanie a ďalšie zvyšovanie kvality výskumnej činnosti inštitúcie VR odporúča uskutočňovať pravidelné a systematické hodnotenie vedeckej aktivity jednotlivých vedeckých pracovníkov ústavu v 4–5 ročných intervaloch. Pri prijímaní nových zamestnancov navrhuje uprednostňovať vedeckých pracovníkov, ktorí budú väčšinu svojho pracovného času fyzicky prítomní na pracovisku ÚZ a budú sa aktívne podieľať na vedeckej a pedagogickej činnosti. VR nepovažuje za optimálne prijímanie pracovníkov, zároveň pôsobiacich aj na iných inštitúciách alebo organizáciách, len na základe spolupráce na niektorých projektoch inštitúcie. VR odporúča pravidelne monitorovať celkový prínos takýchto pracovníkov pre vedecký rozvoj ústavu a v prípade potreby prehodnotiť predĺženie ich úväzkov.

V roku 2024 bola na 100% úväzok prijatá jedna absolventka doktorandského štúdia (DŠ), ktorá realizovala svoju dizertačnú prácu na Univerzite Komenského pod vedením školiteľa z Prírodovedeckej fakulty UK a ktorá bola zapojená do projektu plánu obnovy. VR odporúča prijímať na pracovisko prednostne osvedčených absolventov DŠ, ktorí realizovali svoje dizertačné práce na ústave, a sú už etablovaní vo svojich riešiteľských kolektívoch a teda majú dobrý potenciál pomerne rýchlo začať prispievať k publikačným výstupom pracoviska. VR odporúča podporovať a dohliadať na ich profesijný rast a postupné zvyšovanie vedeckej kvalifikácie. Pri prijímaní skončených doktorandov a vedeckých pracovníkov z iných domácich alebo zahraničných inštitúcií VR taktiež odporúča dôsledne prehodnotiť ich vedecký profil, ako aj hodnotenia a odporúčania z predchádzajúcich pracovísk.

Tabuľka 1: Počet publikačných výstupov Ústavu zoológie SAV, v.v.i., v jednotlivých kategóriách za posledných päť rokov:

	2020	2021	2022	2023	2024
AAA	2	1	-	-	1
AAB	1	1	-	-	
ABA	-	2	2	-	
ABB	1	-	-	-	
BAB					1
ADCA	35	33	34	32	35
ADDA	5	5	6	6	5
ADEB					1
ADFB					9
ADMA	5	5	7	6	10
ADNA	-	-	1	-	
Impaktované publ. spolu	45	43	48	44	50

Tabuľka 2: Kvalitatívne ukazovatele publikačnej činnosti Ústavu zoológie SAV, v.v.i., za posledných päť rokov:

Ukazovateľ (počet)	2020	2021	2022	2023	2024
Vedeckí a odborní výskumní a vývojoví zamestnanci (celoročný priemer)	27	30	33	31	32,2
Impaktované práce	45	43	48	44	50
Prvý alebo korešp. autor v IF prácach	19	21	25	29	25
Q1 a Q2 práce SJR	36	29	31	38	45
Citácie WOS a SCOPUS	1806	1786	2372	2309	2009

Na Ústave zoológie SAV, v.v.i., bolo v roku 2024 riešených sedemnást' projektov VEGA (z toho sedem, v ktorých bol Ústav zoológie SAV, v.v.i. spoluriešiteľskou organizáciou), desať projektov APVV (v troch bol spoluriešiteľskou organizáciou), päť projektov EŠIF/OP ŠF - Plán obnovy EÚ, jeden projekt MoRePro, jeden projekt Horizont Európa (The European Biodiversity Partnership, Ústav zoológie SAV, v.v.i. ako spoluriešiteľ), jeden projekt LIFE (Ústav zoológie SAV, v.v.i. ako spoluriešiteľ), jeden UNESCO, tri bilaterálne projekty (dva projekty SAIA, jeden projekt Mobility) a jeden projekt PostdokGrant. Poskytnuté bolo aj jedno štipendium pre excelentných výskumníkov ohrozených vojnovým konfliktom na Ukrajine. Pracovníci ústavu boli zapojení do dvoch projektov COST. Viaceré projekty z domácich agentúr (dva APVV, päť VEGA projektov) a projekt MoRePro boli v roku 2024 ukončené.

Vedeckí pracovníci Ústavu zoológie SAV, v.v.i. ako spoluriešiteľ podali v roku 2024 tri žiadosti v rámci grantových schém: APVV MPV 2024 a APVV VV24.

Vzhľadom na počet zamestnancov Ústavu zoológie SAV, v.v.i. považuje VR počet bežiacich

projektov za dostatočný. Apeluje však na angažovanosť jednotlivcov, aj kolektívov pri podávaní žiadostí na získanie medzinárodných projektov v programoch EÚ, aby bolo priebežne zabezpečené dostatočné financovanie výskumných aktivít pracoviska, a tiež posilnená spolupráca s inými inštitúciami alebo praxou. Vzhľadom na obmedzené personálne a priestorové kapacity ústavu VR odporúča vedeniu Ústavu zoológie SAV, v.v.i dôsledne prehodnotiť možnosti riešenia nových projektov, ktoré sú náročné na personál a priestory.

Pracovisko sa vyznačuje pomerne kvalitnou a modernou prístrojovou infraštruktúrou (napr. konfokálny mikroskop, digitálna PCR), ktorá bola zadovážená predovšetkým vďaka projektom z predchádzajúceho programového obdobia ŠF EÚ. Schválenie nových projektov v rámci Plánu obnovy otvorili možnosť pre jej ďalšiu modernizáciu. Udržiavanie a ďalší rozvoj priestorovej a prístrojovej infraštruktúry ústavu by mal zodpovedať aktuálnym potrebám a vedeckovýskumnej profilácii ústavu. Pre ďalší rozvoj ústavu je nevyhnutné pokračovať v úspešnom získavaní európskych a medzinárodných projektov.

Záverom Vedecká rada konštatuje, že Ústav zoológie SAV, v. v. i., je spôsobilý vykonávať výskumnú činnosť a vedecko-výskumné parametre si zatiaľ udržiava na porovnateľnej úrovni ako predchádzajúce roky. Stredno- a dlhodobým cieľom ústavu by však malo byť zlepšovanie všetkých výkonnostných parametrov a to predovšetkým podporovaním kmeňových výskumných kolektívov, orientáciou na kvalitu výstupov, zapájaním sa do domácich a medzinárodných vedeckých projektov a konzorcií, ako aj výchovou a podporovaním kariérneho rastu mladých perspektívnych vedeckých pracovníkov.

6. Ročná účtovná závierka

Ročná účtovná závierka

- a) bola predložená na prerokovanie správnej rade dňa 22.04.2025 a správna rada sa vyjadrila dňa 30.04.2025.
- b) bola predložená na schválenie dozornej rade dňa 30.04.2025 a dozorná rada ju schválila dňa 13.05.2025.

Ročná účtovná závierka bola uložená do registra účtovných závierok dňa 19.05.2025.

7. Výrok štatutárneho audítora k ročnej účtovnej závierke, ak sa k ročnej účtovnej závierke za príslušný rok vyhotovuje správa audítora

K ročnej účtovnej závierke za rok 2024 bola vyhotovená správa audítora.

Správa štatutárneho audítora tvorí prílohu tejto výročnej správy o hospodárení organizácie.

8. Prehľad príjmov a výdavkov

Prehľad príjmov a výdavkov rozdelených v zmysle §26 Zákona 243/2017 Z.z. o v.v.i..

Prehľad príjmov a výdavkov z:	Príjem (EUR)	Výdavok (EUR)
1. z hlavnej činnosti okrem druhého a tretieho bodu	3 593 934,70	2 544 702,84
2. činnosti podľa § 2 ods. 1 písm. a)		
3. činnosti podľa § 2 ods. 1 písm. b)		
4. činnosti podľa § 2 ods. 1 písm. c)		
5. činnosti podľa § 2 ods. 1 písm. d)		
6. činnosti podľa § 2 ods. 1 písm. e)		

9. Pohyb a konečný stav majetku

Prehľad pohybu a konečného stavu majetku v zmysle §27 ods.4 písm.h Zákona 243/2017 Z.z. o v.v.i..

V roku 2024 bol obstaraný majetok vo výške 5 227,03 Eur na majetkový účet 022- samostatné hnutelné veci. V roku 2024 nebol vyradený žiadny majetok z evidencie.

Brutto aj netto hodnota dlhodobého nehmotného majetku predstavuje nulovú hodnotu, nakoľko tento majetok bol plne odpísaný.

Detailnejšie informácie k jednotlivým zložkám majetku sú obsiahnuté v poznámkach k účtovnej závierke za rok 2024, ktoré sú neoddeliteľnou súčasťou tejto výročnej správy.

Hodnota majetku brutto predstavuje k 31.12.2024 sumu 3 920 681,43 Eur, čo je v porovnaní s rokom 2023 nárast o 20,77% a hodnota majetku netto predstavuje k 31.12.2024 sumu 1 685 525,71 Eur, čo je v porovnaní s rokom 2023 nárast o 60,99%. Tento nárast je tvorený hlavne zvýšenou hodnotou skladových zásob /chemikálie, laboratórny materiál/ a nárastu zostatkov na finančných účtoch z dôvodu prijatia zálohových platieb na projekty z Plánu obnovy.

V roku 2024 došlo k významnému poklesu pohľadávok v porovnaní s rokom 2023 a to o -99,42%. Tieto pohľadávky predstavovali prísluby zo zmlúv s APVV na roky 2024-2027. Na základe pokynu z Ekonomicko-technického odboru Úradu SAV a Ministerstva financií Slovenskej republiky boli k 1.1.2024 prísluby z priznaných dotácií na roky 2025-2027 odúčtované.

Porovnaním časového rozlíšenia aktív bol v roku 2024 zaznamenaný pokles oproti roku 2023 vo výške -18,23%.

Majetok (celkové aktíva brutto):

	2024	2023
Celkové aktíva (EUR)	3 920 681,43	3 246 372,84
Nárast aktív (%)	20,77%	-
Pokles aktív (%)	-	-

Štruktúra majetku (aktíva brutto):

	2024		2023	
	2024	2023	rozdiel 2024/2023	
	(EUR)	(EUR)	(EUR)	(%)
Dlhod. nehmotný majetok	0,00	0,00	0,00	0,00%
Dlhodobý hmotný majetok	2 619 532,50	2 614 305,47	5 227,03	0,20%
Dlhodobý finančný majetok	0,00	0,00	0,00	0,00%
Dlhodobé pohľadávky	0,00	0,00	0,00	0,00%
Krátkodobé pohľadávky	2 404,00	412 832,04	-410 428,04	-99,42%
Zásoby	30 313,40	0,00	30 313,40	100,00%
Finančné účty	1 263 518,86	213 227,67	1 050 291,19	592,57%
Časové rozlíšenie	4 912,67	6 007,66	-1 094,99	-18,23%
Aktíva (Majetok brutto)	3 920 681,43	3 246 372,84	674 308,59	20,77%

Majetok (celkové aktíva netto):

	2024	2023
Celkové aktíva (EUR)	1 685 525,71	1 046 966,52
Nárast aktív (%)	60,99%	-
Pokles aktív (%)	-	-

Štruktúra majetku (aktíva netto):

	2024		2023	
	2024	2023	rozdiel 2024/2023	
	(EUR)	(EUR)	(EUR)	(%)
Dlhod. nehmotný majetok	0,00	0,00	0,00	0,00%
Dlhodobý hmotný majetok	384 376,78	414 899,15	-30 522,37	-7,36
Dlhodobý finančný majetok	0,00	0,00	0,00	0,00%
Dlhodobé pohľadávky	0,00	0,00	0,00	0,00%
Krátkodobé pohľadávky	2 404,00	412 832,04	-410 428,04	-99,42%
Zásoby	30 313,40	0,00	30 313,40	100,00%
Finančné účty	1 263 518,86	213 227,67	1 050 291,19	592,57%
Časové rozlíšenie	4 912,67	6 007,66	-1 094,99	-18,23%
Aktíva (Majetok netto)	1 685 525,71	1 046 966,52	638 559,19	60,99%

10. Opatrenia prijatých na odstránenie nedostatkov v hospodárení a správu o plnení opatrení prijatých na odstránenie nedostatkov

Neboli identifikované žiadne nedostatky a preto neboli prijaté žiadne opatrenia.

11. Ďalšie údaje

V zmysle § 20 ods. 1 písm. a) Zákona 431/2002 Z.z. o účtovníctve v znení neskorších predpisov uvádzame prehľad relevantných údajov:

1. Prehľad vybraných finančných ukazovateľov (§ 20 ods. 1 písm. a) Zákona 431/2002 Z.z.)

	Finančné výsledky (EUR)	
	K 31. 12. 2024	k 31. 12. 2023
Aktíva	1 685 525,71	1 046 966,52
Neobežný majetok	384 376,78	414 899,15
Dlhodobý nehmotný majetok	0,00	0,00
Dlhodobý hmotný majetok	384 376,78	414 899,15
Dlhodobý finančný majetok	0,00	0,00
Obežný majetok	1 296 236,26	626 059,71
Zásoby	30 313,40	0,00
Dlhodobé pohľadávky	0,00	0,00
Krátkodobé pohľadávky	2 404,00	412 832,04
Finančné účty	1 263 518,86	213 227,67
Časové rozlíšenie	4 912,67	6 007,66
Pasíva	1 685 525,71	1 046 966,52
Vlastné imanie	63 292,31	74 703,04
Základné imanie	2,92	2,92
Fondy tvorené zo zisku	3 605,55	3 605,55
Nevysporiadaný HV minulých rokov	71 094,57	87 711,97
Výsledok hospodárenia za účtovné obdobie	-11 410,73	-16 617,40
Závazky	191 076,75	116 251,95
Dlhodobé záväzky	2 047,62	77 160,29
Krátkodobé záväzky	189 029,13	39 091,66
Bankové úvery a iná výpomoc a pôžičky	0,00	0,00
Časové rozlíšenie	1 431 156,65	856 011,53
Výkaz ziskov a strát		
Výsledok hospodárenia z hlavnej činnosti pred zdanením	-11 410,73	-16 617,40
Tržby z predaja tovarov a služieb	10 080,00	6 068,20
Iné ostatné výnosy	439,52	733,60
Dotácie	2 411 825,43	1 837 072,00
Prijaté príspevky od iných organizácií	29 430,11	36 049,72
Celkové náklady účtovná trieda 5.	2 464 517,79	1 897 883,67
Výsledok hospodárenia pred zdanením	-11 410,73	-16 617,40
Výsledok hospodárenia pred zdanením	-11 410,73	-16 617,40
Výsledok hospodárenia po zdanení	-11 410,73	-16 617,40
Pomerové ukazovatele		
ROA (rentabilita aktív)	-67,70%	-158,72%
ROE (rentabilita vlastného kapitálu)	-18,03%	-22,24%

2. Vplyv účtovnej jednotky na životné prostredie a zamestnanosť (§ 20 ods. 1 písm. a) Zákona 431/2002 Z.z.)

Činnosť Ústavu zoológie SAV, v. v. i., nemá priamy vplyv na životné prostredie. Zamestnanosť je stabilizovaná a detailné údaje o stave zamestnanosti sú uvedené v časti A výročnej správy.

3. Udalosti osobitného významu po 31. 12. 2024 (§ 20 ods. 1 písm. b) Zákona 431/2002 Z.z.)

Po skončení účtovného obdobia kalendárneho roka 2024 nenastali v účtovnej jednotke žiadne udalosti osobitného významu.

4. Predpokladaný budúci vývoj v roku 2025 (§ 20 ods. 1 písm. c) Zákona 431/2002 Z.z.)

Ústav zoológie SAV, v. v. i., bude v roku 2025 pokračovať v činnostiach, na ktoré bol zriadený. Finančné prostriedky z rozpočtu SAV sú garantované zmluvou o inštitucionálnej forme podpory a výkonnostnou zmluvou, ktoré sa budú priebežne aktualizovať na základe rozhodnutí Predsedníctva SAV.

V priebehu roku 2025 budú pokračovať začaté projekty (VEGA, APVV, MVTS, LIFE, Plán obnovy, a iné) a zároveň sa plánujeme zapájať do nových výziev, ktoré budú vyhlásené. Počet a výška finančných prostriedkov budúcich výskumných projektov je ťažko predvídateľná s ohľadom na zapojenie ďalších výskumných organizácií.

5. Náklady na činnosť v oblasti výskumu a vývoja (§ 20 ods. 1 písm. d) Zákona 431/2002 Z.z.)

Náklady na činnosť v oblasti výskumu a vývoja tvoria všetky náklady Ústavu zoológie SAV, v.v.i.. Tieto náklady sú uvedené vo Výkaze ziskov a strát účtovnej závierky za rok 2024.

6. Nadobúdanie vlastných akcií, dočasných listov, obchodných podielov a akcií, dočasných listov a podielov materskej účtovnej jednotky (§ 20 ods. 1 písm. e) Zákona 431/2002 Z.z.)

Ústav zoológie SAV, v. v. i. v roku 2024 nenadobudol žiadne vlastné akcie, dočasné listy, obchodné podiely ani akcie, dočasné listy a podiely materskej účtovnej závierky.

7. Návrh na rozdelenie zisku alebo vyrovnanie straty (§ 20 ods. 1 písm. f) Zákona 431/2002 Z.z.)

Správna rada Ústavu zoológie SAV, v. v. i. dňa 09.06.2025 prerokovala výsledok hospodárenia za rok 2024, ktorým je strata vo výške - 11 410,73 Eur a rozhodla, že strata bude preúčtovaná na účet 428- nevysporiadaný výsledok hospodárenia.

8. Organizačná zložka v zahraničí (§ 20 ods. 1 písm. h) Zákona 431/2002 Z.z.)

Ústav zoológie SAV, v. v. i., nemá organizačnú zložku v zahraničí.

9. Konsolidácia

Ústav zoológie SAV, v. v. i., je súčasťou konsolidovaného celku kapitoly Slovenskej akadémie vied.

Výročnú správu o činnosti a hospodárení verejnej výskumnej inštitúcie za rok 2024 spracoval(i):

Ing. Ladislav Roller, PhD.

RNDr. Mária Kazimírová, CSc.

Ing. Danko Sitarčíková

Výročná správa bola prerokovaná:

- dňa 09. 06. 2025 Správnou radou bez pripomienok
- dňa 30. 05. 2025 Vedeckou radou bez pripomienok
- dňa 30. 06. 2025 Dozornou radou bez pripomienok.

Bratislava, 30. 06. 2025.

**Ladislav
Roller**

Digitálne podpísal

Ladislav Roller

Dátum: 2025.07.11

11:32:05 +02'00'

riaditeľ Ústavu zoológie SAV, v. v. i.

Ústav zoológie SAV, v. v. i.



**Výročná správa o činnosti a hospodárení
za rok 2024**

Bratislava
február 2025

Obsah

ČASŤ A

Výročná správa o činnosti organizácie za rok 2024

1. Základné údaje o organizácii
2. Vedecko-výskumná činnosť – projekty, výsledky
3. Medzinárodná vedecká spolupráca
4. Aplikácia výsledkov výskumu v praxi
5. Doktorandské štúdium a pedagogická činnosť
6. Zmluvná spolupráca s univerzitami/vysokými školami a inými subjektmi vedy a výskumu
7. Vedecko-organizačné a popularizačné aktivity
8. Aktivity pre Národnú radu SR, vládu SR, ústredné orgány štátnej správy SR a iné inštitúcie
9. Aktivity v orgánoch SAV
10. Starostlivosť o ľudské zdroje, rodovú rovnosť, pracovné a sociálne podmienky zamestnancov a uplatňovanie ich práv
11. Orgány v. v. i., ich skladba a činnosť, štrukturálne, organizačné a právne zmeny v organizácii
12. Činnosť knižnično-informačného pracoviska organizácie
13. Nadácie a fondy pri organizácii
14. Realizácia Koncepcie dlhodobého rozvoja a Akčného plánu organizácie
15. Iné významné činnosti organizácie
16. Poskytovanie informácií v súlade so zákonom o slobodnom prístupe k informáciám
17. Problémy organizácie a podnety pre Predsedníctvo SAV k činnosti SAV ako celku
18. Vyjadrenia vedeckej rady organizácie k výsledkom výskumnej činnosti za uplynulý rok

PRÍLOHY K ČASTI A

A-1 Zoznam zamestnancov a doktorandov organizácie k 31.12.2024

A-2 Projekty riešené v organizácii

A-3 Publikačná činnosť organizácie

A-4 Údaje o pedagogickej činnosti organizácie

A-5 Medzinárodná mobilita organizácie

A-6 Vedecko-popularizačná činnosť pracovníkov organizácie

A-7 Vyznamenania, ceny a iné ocenenia udelené organizácii a jej pracovníkom

ČASŤ B

Výročná správa o hospodárení organizácie za rok 2024

19. Základné informácie o hospodárení organizácie
20. Prehľad príjmov a výdavkov
21. Pohyb a konečný stav majetku
22. Opatrenia na odstránenie nedostatkov v hospodárení a správa o plnení opatrení prijatých na odstránenie nedostatkov z predchádzajúceho roku
23. Ďalšie údaje o hospodárení organizácie

PRÍLOHY K ČASTI B

B-1 Ročná účtovná závierka

B-2 Správa štatutárneho audítora k ročnej účtovnej závierke

ČASŤ A

Ústav zoológie SAV, v. v. i.

**Výročná správa o činnosti organizácie
za rok 2024**

1. Základné údaje o organizácii

1.1. Kontaktné údaje

Názov: Ústav zoológie SAV, v. v. i.

Riaditeľ: Ing. Ladislav Roller, PhD.

Zástupca riaditeľa: doc. RNDr. Ľubomír Vidlička, CSc.

Vedecký tajomník: Mgr. Igor Kokavec, PhD.

Predseda správnej rady: Ing. Ladislav Roller, PhD.

Predseda vedeckej rady: RNDr. Mária Kazimírová, CSc.

Predseda dozornej rady: prof. RNDr. Karol Marhold, DrSc.

Člen Snemu SAV: RNDr. Dušan Žitňan, DrSc.

Adresa: Dúbravská cesta 9, 845 06 Bratislava

<https://zoo.sav.sk>

Tel.: 02/5930 2602

E-mail: jana.kusnirova@savba.sk

Názvy a adresy organizačných zložiek a detašovaných pracovísk:

Organizačné zložky: nie sú

Detašované pracoviská:

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

Vedúci organizačných zložiek a detašovaných pracovísk:

Organizačné zložky: nie sú

Detašované pracoviská:

- **Terénna výskumná stanica v Gabčíkove**
vedúci nie je zadaný

Členovia Snemu SAV za organizačné zložky:

nie sú

Typ organizácie: Verejná výskumná inštitúcia od roku 2022

1.2. Údaje o zamestnancoch

Tabuľka 1a Počet a štruktúra zamestnancov

Štruktúra zamestnancov	K	K		K do 35 rokov		F	P	T	O
		M	Ž	M	Ž				
Celkový počet zamestnancov	68	34	34	7	11	66	45.65	22.09	7.5
Vedeckí pracovníci	43	25	18	2	4	41	30.8	22.09	0
Odborní pracovníci VŠ (výskumní a vývojoví zamestnanci ¹)	5	3	2	2	2	5	1.4	0	0
Odborní pracovníci VŠ (ostatní zamestnanci ²)	5	0	5	0	1	5	2.48	0	1.5
Odborní pracovníci ÚS	11	5	6	3	2	11	9.34	0	5
Ostatní pracovníci	4	1	3	0	2	4	1.63	0	1

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 31.12.2024 (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 31.12.2024 (bez riadnej 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

O – celoročný priemerný prepočítaný počet obslužného personálu podieľajúceho sa na riešení projektov (technikov, laborantov, projektových manažérov a pod.) mimo zamestnancov v administratívne, správe a údržbe budov, upratovačiek, vodičov a pod.

M, Ž – muži, ženy

Tabuľka 1b Štruktúra vedeckých pracovníkov (kmeňový stav k 31.12.2024)

Rodová skladba	Pracovníci s hodnosťou				Vedeckí pracovníci v stupňoch		
	DrSc.	CSc./PhD.	prof.	doc.	I.	II.a.	II.b.
Muži	3	22	3	2	4	13	8
Ženy	0	18	0	0	0	10	8

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	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Muži	0	0.0	1	1.0	3	3.0	1	1.0	4	3.1	1	1.0	1	1.0	1	1.0	4	2.2
Ženy	0	0.0	2	1.4	1	1.0	4	4.0	3	2.3	0	0.0	0	0.0	0	0.0	2	2.0

A - Prepočet bez zohľadnenia úväzkov zamestnancov

B - Prepočet so zohľadnením úväzkov zamestnancov

Tabuľka 1d Priemerný vek zamestnancov organizácie k 31.12.2024

	Kmeňoví zamestnanci	Vedeckí pracovníci	Riešitelia projektov
Muži	46.9	50.7	52.5
Ženy	41.9	44.3	46.1
Spolu	44.4	48.0	49.8

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

ÚZ SAV, v. v. i. úspešne získal granty a štipendiá z Plánu obnovy a odolnosti SR a Agentúry na podporu výskumu a vývoja. Významnú reorganizáciu priestorov ústavu si vyžiadala najmä implementácia Veľkého projektu pre excelentného výskumníka, ktorého zodpovednou riešiteľkou je Dr. Martina Gáliková. V rámci tejto reorganizácie došlo aj k zrušeniu ústavnej knižnice. Súčasne bolo potrebné prijať 15 nových zamestnancov – administratívnych pracovníkov, technikov, doktorandov a postdoktorandov – a zabezpečiť im vhodné pracovné podmienky. Zvýšené priestorové nároky spojené s realizáciou projektu, ako aj potreba zachovania funkčnosti ostatných oddelení, viedli k úvahám o rozšírení kapacít ústavu. Jednou z možností je nadstavba ďalšieho poschodia na budovu ústavu, ktorú preverujeme vypracovaním statického posudku ako súčasť štúdie uskutočniteľnosti. Dôležitou zmenou prešla aj Vedecká rada, v ktorej má po novom zastúpenie každé oddelenie ústavu. Zasadnutie akademickej obce a voľby sa uskutočnili 24. apríla 2024.

2. Vedecko-výskumná činnosť – projekty, výsledky

2.1. Domáce projekty

Tabuľka 2a Domáce projekty riešené v roku 2024

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	10	7	74764	74764	-	-	15361	-
2. Projekty APVV	7	3	-	-	241322	241322	-	17563
3. Projekty EŠIF/OP ŠF, Plán obnovy EÚ	5	0	-	-	298964	298964	-	-
4. Projekty SASPRO, MoRePro, IMPULZ	1	0	21899	21899	-	-	-	-
5. Iné projekty (FM EHP, Vedecko-technické projekty, na objednávku rezortov a pod.)	3	0	12110	12110	90000	90000	-	-

A - organizácia je nositeľom projektu

B - organizácia sa zmluvne podieľa na riešení projektu

Tabuľka 2b Domáce projekty podané v roku 2024

Štruktúra projektov	Miesto podania	Organizácia je nositeľom projektu	Organizácia sa zmluvne podieľa na riešení projektu
1. Účasť na nových výzvach APVV r. 2024	-	2	1
2. Projekty výziev EŠIF podané r. 2024	Bratislava		
	Regióny		

2.2. Medzinárodné projekty

2.2.1. Medzinárodné projekty riešené v roku 2024

Tabuľka 2c Medzinárodné projekty riešené v roku 2024

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 Horizont 2020 a Horizont Európa	0	1	-	-	-	-	-	15352
2. Projekty ERA.NET, ESA, JRP	0	0	-	-	-	-	-	-
3. Projekty COST	0	2	-	-	-	-	-	-
4. Projekty EUREKA, NATO, UNESCO, CERN, IAEA, IVF, ERDF a iné	0	1	-	-	-	-	-	16021
5. Projekty v rámci medzivládnych dohôd	0	0	-	-	-	-	-	-
6. Bilaterálne projekty MAD, Mobility, Open Mobility	1	0	5000	5000	-	-	-	-
7. Bilaterálne projekty ostatné	2	0	-	-	10482	7871	-	-
8. Podpora MVTs z národných zdrojov (SAV, APVV a iné)	0	2	-	-	-	-	-	6792
9. SAS-UPJŠ ERC Visiting Fellowship Grants	0	0	-	-	-	-	-	-
10. Iné projekty	0	0	-	-	-	-	-	-

A - organizácia je nositeľom projektu

B - organizácia sa zmluvne podieľa na riešení projektu

2.2.2. Medzinárodné projekty Horizont Európa podané v roku 2024

Tabuľka 2d Počet projektov Horizont Európa v roku 2024

	A	B
Počet podaných projektov Horizont Európa		

A - organizácia je nositeľom projektu

B - organizácia sa zmluvne podieľa na riešení projektu

Údaje k domácim a medzinárodným projektom sú uvedené v Prílohe A-2.

2.2.3. Zámery na čerpanie Európskych štrukturálnych a investičných fondov v ďalších výzvach

Zamestnanci ústavu sa podieľajú na projekte LIFE „Zavedenie overených postupov ochrany motýľov v strednej a východnej Európe“. Úspešne sme získali granty a štipendiá v rámci schém Plánu obnovy a odolnosti SR. Zo žiadostí podaných v roku 2023 (4x štipendiá pre excelentných výskumníkov, 2x Transformačné a inovačné konzorciá, 1x Veľký projekt pre excelentného výskumníka a 1x kapitálový booster pre APVV projekty) sme získali: Veľký projekt pre excelentného výskumníka (Dr. M. Gáliková), 2x štipendiá pre excelentných výskumníkov (R2: Dr. H. Sendi a R3: Dr. Klepsatel), preklenovací ERC grant (Dr. Gáliková) a kapitálový booster pre APVV projekty (Dr. V. Taragel'ová). V rámci konzorcia sa plánujeme zapojiť do výzvy Interreg Danube Region Programme (DRP) a očakávame aj výsledky výzvy na Transformačné a inovačné konzorciá, kde sme zapojení v dvoch žiadostiach. Veríme, že niektoré z našich projektov budú podporené a prispesú k obnove našej výskumnej infraštruktúry, ako aj k stimulácii našich perspektívnych zamestnancov, aspoň na určité obdobie. Neustále monitorujeme nové výzvy, do ktorých sa môžeme zapojiť.

2.3. Výber najvýznamnejších výsledkov vedeckej práce organizácie v roku 2024

Slúži aj na výber výsledkov do výročnej správy SAV. Každý výsledok má byť charakterizovaný stručným, všeobecne zrozumiteľným popisom – maximálne 1000 znakov + 1 obrázok; bibliografický údaj uvádzajte rovnako ako v zozname publikačnej činnosti, vrátane IF. Nadpis by mal vystihnúť prínos a význam výsledku – podľa možnosti by nemal byť zredukovaný na názov/nadpis publikačného výstupu.

2.3.1. Výsledky na báze základného výskumu

a) Dvadsať rokov výskumu *Borrelia burgdorferi* sensu lato u kliešť'a obyčajného (*Ixodes ricinus*) na Slovensku

Na severnej pologuli predstavuje lymská borelióza najrozšírenejšie infekčné ochorenie, ktoré je v Európe prenášané kliešťom obyčajným (*Ixodes ricinus*). Pôvodcom ochorenia je baktéria borélia z komplexu *Borrelia burgdorferi* sensu lato, do ktorého patrí 22 druhov. Nie všetky druhy však prenášajú ochorenie. Klinické príznaky ochorenia sa môžu u zástupcov patogénnych druhov navzájom odlišovať, a to v závislosti na prítomnosti rôznych druhov rezervoárových hostiteľov a geografickej polohy. V našej štúdii sme zosumarizovali výsledky získané za dvadsať rokov výskumu, zachytávajúce výskyt, rozšírenie a druhové zastúpenie pôvodcov lymskej boreliózy v kliešťoch obyčajných na Slovensku. Kliešte boli monitorované dlhodobo na 16 lokalitách zahŕňajúcich prírodné, poľnohospodársky zmenené a urbánne biotopy. Z celkovo vyšetrených 17 249 kliešťov bola prítomnosť borélií zaznamenaná v 19 % jedincov, čo súhlasí s priemernou nakazenosťou kliešťov v Európe. Zistili sme, že dospelé jedince kliešťov, boli nakazené častejšie ako nymfy. V kliešťoch sme diagnostikovali prítomnosť deviatich druhov borélií, z ktorých boli najviac početné patogénne druhy, a to *Borrelia afzelii*, ktorá sa dáva do súvisu najmä s kožnými prejavmi ochorenia, *B. garinii*/*B. bavariensis*, čo sú najčastejší pôvodcovia neuroboreliózy, a *B. valaisiana*, ktorá sa vyskytuje najmä u vtákov ako rezervoárových hostiteľov. Menej zastúpené boli patogénne druhy *B. lusitaniae*, *Borrelia burgdorferi* sensu stricto, *B. spielmanii*, *B. bissettii* a *B. kurtenbachii*. Najviac nakazené kliešte sa vyskytovali prevažne v prírodných biotopoch v porovnaní s urbánnymi oblasťami, kde hrozí nižšie

riziko prenosu borélií a výskytu ochorenia. Dlhodobé sledovanie početnosti a rozšírenia kliešťov, ako aj variability prenášaných druhov borélií môže odhaliť vplyv globálnych klimatických a sociálno-ekonomických zmien na rôzne biotopy, vrátane prirodzených ohnisk prenosu.



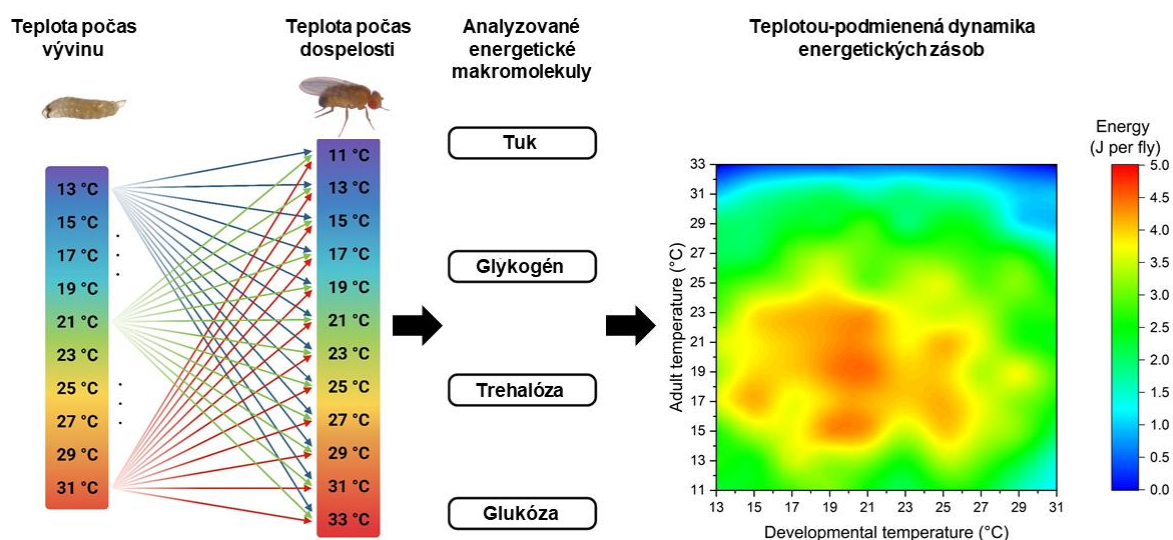
Obr. Samička kliešťa obyčajného (*Ixodes ricinus*)

RUSŇÁKOVÁ - TARAGEL'OVÁ, Veronika** - DERDÁKOVÁ, Markéta - SEL'YEMOVÁ, Diana - CHVOSTÁČ, Michal - MANGOVÁ, Barbara - DIDYK, Yuliya - KOČI, Juraj - KOLENČÍK, S. - VÍCHOVÁ, Bronislava - PETKO, Branislav - STANKO, Michal - KAZIMÍROVÁ, Mária. Two decades of research on *Borrelia burgdorferi* sensu lato in questing *Ixodes ricinus* ticks in Slovakia. In *Frontiers in Cellular and Infection Microbiology : Specialty Journal of Frontiers in Microbiology.*, 2024, vol. 14, art. no. 1496925. (2023: 4.6 - IF, Q1 - JCR, 1.285 - SJR, Q1 - SJR). ISSN 2235-2988. Dostupné na: <https://doi.org/10.3389/fcimb.2024.1496925>

b) Teplotou podmienená dynamika energetických zásob u drozofily

Teplota prostredia zásadne ovplyvňuje fyziológiu ektotermov, ktorých telesná teplota je závislá od teploty vonkajšieho prostredia. Energetické zásoby zohrávajú kľúčovú úlohu v prežívaní a

rozmnožovaní týchto organizmov. V našej štúdii sme skúmali, ako teplotné podmienky počas vývinu a dospelosti vzájomne interagujú a ovplyvňujú energetické zásoby u modelového organizmu - drosophily (*Drosophila melanogaster*). Analyzovali sme množstvo kľúčových energetických makromolekúl (tuky, glykogén, trehalóza a glukóza) a na ich základe vypočítali celkové množstvo dostupnej energie, pričom sme sledovali, ako sa tieto hodnoty menia v závislosti od teploty prostredia. Zistili sme, že optimálny rozsah teplôt počas dospelosti na maximalizáciu energetických rezerv je 18–21 °C. Vývinová teplota taktiež výrazne ovplyvňovala maximálnu hladinu zásob, pričom najvyššie hodnoty energie sme zaznamenali pri teplotách približne 20–21 °C. Mimo tohto optimálneho rozsahu teplôt energetické zásoby výrazne klesali – zvýšenie o 1 °C nad 25 °C znižovalo energetické zásoby približne o 15 %. Tieto zistenia zdôrazňujú význam interakcie teplotných podmienok počas vývinu a dospelosti pre energetickú bilanciu, pričom prinášajú dôležité poznatky pre pochopenie prežívania a fitness ektotermov v kontexte klimatických zmien.



Obr. Experimentálny dizajn.

KNOBLOCHOVÁ, Diana - DHARANIKOTA, Malleswara - GÁLIKOVÁ, Martina* - KLEPSATEL, Peter**. Temperature-dependent dynamics of energy stores in *Drosophila*. In BMC Biology, 2024, vol. 22, iss. 1, article no. 272. (2023: 4.4 - IF, Q1 - JCR, 1.787 - SJR, Q1 - SJR). ISSN 1741-7007. Dostupné na: <https://doi.org/10.1186/s12915-024-02072-z>

2.3.2. Výsledky aplikačného typu

a) Výskum a návrh kompenzačných opatrení dopadov solárnych parkov na vtáky

Vtáky otvorenej krajiny, obývajúce spektrum biotopov od prirodzenej po takzvanú kultúrnu step, v súčasnosti čelia v Európe bezprecedentnému poklesu populácií, pričom najdôležitejšími príčinami tohto poklesu sú zmeny vo využívaní krajiny. Hoci sa vtáky v tomto type krajiny po tisícročia vyvíjali v tesnej interakcii s ľudskými, predovšetkým poľnohospodárskymi činnosťami, súčasným zmenám v tomto ekosystéme už nedokážu efektívne čeliť. V našom výskume sa sústreďujeme na dopady a riešenie dopadov výstavby solárnych parkov na vtáky otvorenej krajiny. V práci Valera a kol. (2024a) sme upozornili na vybrané metodologické a koncepčné nedostatky výskumu vplyvov zmien vo využívaní otvorenej krajiny na biodiverzitu. Navrhli sme konkrétne odporúčania pre daný výskum od procesov zberu a analýzy dát, až po vyzdvihnutie koncepčných otázok výskumu zmien biodiverzity v meniacom sa prostredí. Keďže jedným z kompenzačných opatrení na zmiernenie negatívnych vplyvov výstavby energetickej infraštruktúry je inštalácia hniezdnych búdok pre sekundárne dutinové

druhy vtákov, v práci Valera a kol. (2024b) sme vypracovali metodologické odporúčania pre implementáciu programov inštalácie hniezdnych búdok pre vybrané druhy vtákov otvorenej krajiny s nepriaznivými populačnými trendmi. V publikácii opisujeme typy kompenzačných opatrení a zdôrazňujeme, že pre efektívnosť akéhokoľvek kompenzačného opatrenia musí byť daný program založený na vedeckých dôkazoch, kvantifikácii dopadov, pravidelnom vyhodnocovaní výsledkov a súbežnej obnove biotopov. V súvislosti s rozmiestnením, počtom, hustotou alebo typmi hniezd rozoberáme dôležitosť kľúčových poznatkov ekológie a etológie vtákov a ich spoločenstiev, ako aj poznatkov o vzťahoch vtákov s ich parazitmi, patogénmi a predátormi.



Obr. Časť študijnej plochy so solárnymi parkami pri obci Tabernas, JV Španielsko; foto: Luis Bolonio

a: VALERA, Francisco - ŠÁLEK, Martin - BOLONIO, Luis - VÁCLAV, Radovan**. Comment on “Solar parks can enhance bird diversity in agricultural landscape”. In *Journal of Environmental Management*, 2024, vol. 366, art. no.: 121781, 4 pp. (2023: 8 - IF, Q1 - JCR, 1.771 - SJR, Q1 - SJR). ISSN 0301-4797.

b: VALERA, Francisco - BOLONIO, Luis - VÁCLAV, Radovan. Guía para programas de instalación de nidos artificiales como medida compensatoria de proyectos solares fotovoltaicos. Morales Manuel B., Bota Gerard (recenzenti), Cátedra Steppe Forward (vydavateľ). 1. Madrid, ES : Cátedra Steppe Forward, 2024, 132 pp.

b) Metodika hodnotenia ekologického stavu ramennej sústavy rieky Dunaj na základe aluviálneho riečného indexu

Rieka Dunaj na území Slovenska medzi Bratislavou a Komárnom prechádza do vodného útvaru, ktorý sa nazýva vnútrozemská delta - rozvetvuje sa do mnohých bočných ramien, meandruje a spomaľuje svoj tok. Vplyvom regulácie koryta, melioráciou a výstavbou vodného diela zostalo v súčasnosti iba 5 % jej pôvodnej veľkosti. Zostávajúca sústava ramien, na rozdiel od hlavného koryta rieky Dunaj, nepodlieha systematickému monitorovaniu ekologickej kvality, hoci v Európe bolo vyvinutých niekoľko metód vhodných na hodnotenie ekologickej kvality ramien. V našej štúdii sme sa zamerali na testovanie šiestich metód založených na výpočte aluviálneho riečného indexu podľa

rôznych skupín vodných bezstavovcov vo vzťahu k ekologickému stavu vypočítanému podľa hodnotiacej schémy platnej pre hlavný tok rieky. Zistili sme niekoľko vhodných metód pre hodnotenie ekologickej kvality ramien, avšak najlepšie výsledky dosahovala metóda publikovaná Šporkom et al. (2016). Metóda je založená na druhoch, ktoré permanentne žijú vo vode - vodné obrúčkavce a kôrovce, a ich preferencie k podmienkam v rozdielnych typoch ramien - prietochných hlavných, slepých a mŕtvych ramien, pretože každé je charakteristické rozdielnou mierou prepojenia s hlavným tokom, teda rozdielnym vodným režimom. Navrhovaná metodika bola nakalibrovaná tak, aby zodpovedala triedam ekologického stavu, a je všeobecne uplatniteľná pre hodnotenie všetkých typov ramien v povodí rieky Dunaj. To je v súčasnosti potrebné pre relevantné posúdenie revitalizačných aktivít realizovaných v ramennej sústave za posledné roky, ktorých cieľom je zlepšiť dynamiku vodného režimu ramien a zabrániť ich zániku.



Obr. Rôzne typy riečnych ramien v ramennej sústave rieky Dunaj

KOKAVEC, Igor** – NAVARA, Tomáš – MIŠÍKOVÁ ELEXOVÁ, Emília – LEŠŤÁKOVÁ, Margita – MLÁKA, Miroslav – ŠČERBÁKOVÁ, S. – VRÁBLOVÁ, Zuzana – OČADLÍK, Mirko. Enhancing the Ecological Quality Assessment of River Floodplains Based on Benthic Invertebrates. In Aquatic conservation marine and Freshwater Ecosystem, 2024, vol. 34, iss. 8, article no: e4242, 12 pp. (2023: 2.5 – IF, Q1 – JCR, 0.787 – SJR, Q1 – SJR). ISSN 1052-7613. Dostupné na: <https://doi.org/10.1002/aqc.4242>

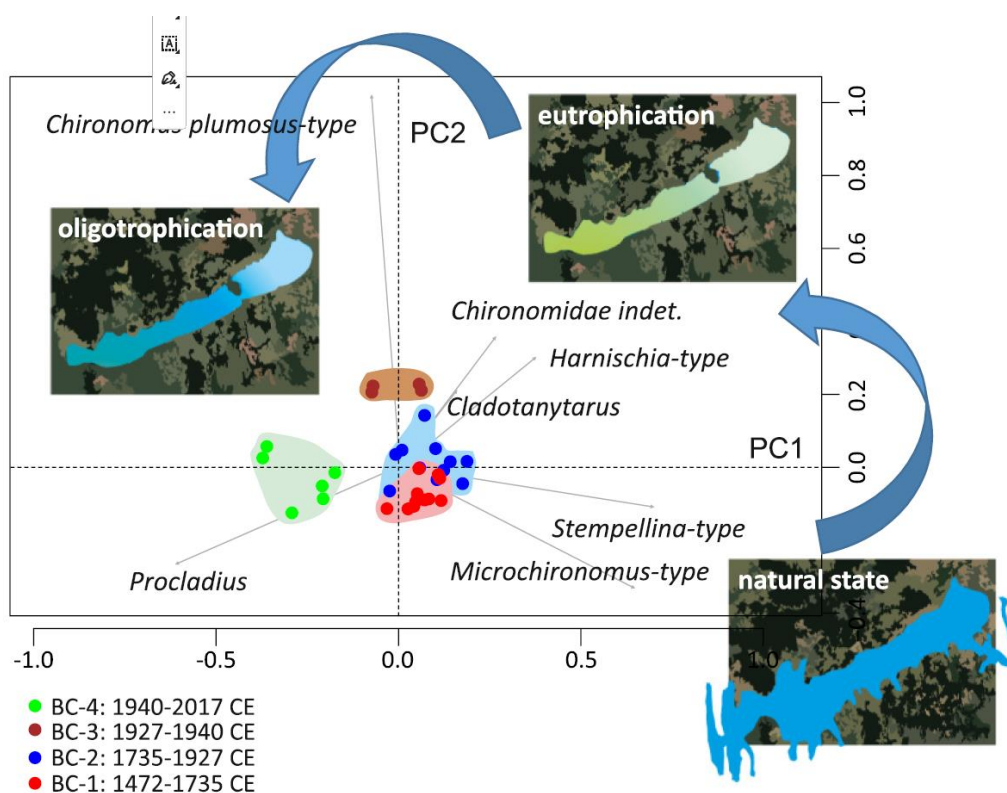
2.3.3. Výsledky na báze medzinárodnej spolupráce

a) 500 rokov environmentálnej histórie najväčšieho plytkého jazera v strednej Európe: eutrofizácia, zarybňovanie a reziliencia ekosystému

Najväčšie plytké jazero v strednej Európe, Balaton, už desaťročia zápasí s problémom zhoršujúcej sa kvality vody. Napriek úsiliu o zníženie zaťaženia živinami je ekosystém jazera naďalej v ohrození. V tomto článku sme použili zvyšky vodného hmyzu zachovaných v jazernom sedimente, konkrétne čeľaď pakomárovitých (Chironomidae), ako ukazovateľov kvality vody aby sme zrekonštruovali environmentálnu históriu jazera za posledných 500 rokov. Naše výsledky ukazujú, že napriek zlepšeniu kvality vody, regeneráciu fauny pakomárov brzdí stále prebiehajúca introdukcia kapra a nadmerné množstvo pleskáča. K zmene pôvodnej diverzity pakomárov došlo medzi rokmi 1925 a 1940, teda prvej zlatej ére turizmu na Balatone, pred systematickým monitorovaním kvality vody. V

tomto období bolo dominantné spoločenstvo pakomárov (*Procladius-Microchironomus-Stempellina*) nahradené menej rozmanitým spoločenstvom (*Procladius-Chironomus balatonicus*). Toto obdobie charakterizovali zvýšené ľudské aktivity a rozvoj urbanizácie pobrežných oblastí. Počas rekonštrukcie ekologických zmien sme určili aj referenčný stav jazera, ktorý spadá do obdobia 1740 až 1900, keď ešte nebol významný vplyv človeka v povodí jazera. Sedimenty jazera nám odkryli stopy zvýšenej erózie, narušenie vyzrážania biogénneho karbonátu, ako aj vplyv opakovaného odlesňovania. Naše posolstvo pre tvorcov politických rozhodnutí, nie len pri jazere Balaton, je, že budúce úsilie musí zladíť udržiavanie nízkeho zaťaženia živinami s reguláciou prvkov vodného ekosystému (napr. manipulácie s rybou obsádkou), aby mohlo dôjsť k obnove pôvodnej biodiverzity Balatonu.

Článok je výsledkom spolupráce pracovísk z Maďarska, Rumunska a Slovenska. V rámci intenzívnej spolupráce Ústavu zoológie s Univerzitou Eötvös Loránd Tudományegyetem v Maďarsku, sa venujeme rekonštrukciám environmentálnej histórie s použitím jazerných sedimentov predovšetkým horských jazier v Južných Karpatoch. Okrem vedeckej činnosti spolupracujeme aj pri vzdelávaní doktorandov a postdoktorandov.



Obr. Grafický abstrakt štúdie

MAGYARI, E. K.** - SZABÓ, Z. - FALUS, Gy - MORA, Amparo - SZALAI, Z. - HAMERLÍK, Ladislav - TÓTH, M. - FARKAS, Árpád - POMOGYI, P. - SOMOGYI, B. - VÖRÖS, L. - KORPONAI, J. Large shallow lake response to anthropogenic stressors and climate change: Missing macroinvertebrate recovery after oligotrophication (Lake Balaton, East-Central Europe). In Science of the Total Environment, 2024, vol. 946, no., [art.no. 174191](https://doi.org/10.1016/j.scitotenv.2024.174191). (2023: 8.2 - IF, Q1 - JCR, 1.998 - SJR, Q1 - SJR). ISSN 0048-9697. Dostupné na: <https://doi.org/10.1016/j.scitotenv.2024.174191>

b) Funkcia variability kvality akustických signálov vo vnútroduhovej kompetícii samcov trsteniarika bahenného (*Acrocephalus scirpaceus*) pri obrane teritória

S vedeckými pracovníkmi Univerzity veterinárnej medicíny, resp. Rakúskej akadémie vied vo Viedni spolupracujeme už viac ako 30 rokov. V rámci poslednej spolupráce sme sa zamerali na štúdium nedostatočne objasnených funkcií a dôsledkov variability viacerých kvalitatívnych parametrov spevu

trsteniarika bahenného (*Acrocephalus scirpaceus*) vo všetkých fázach rozmnožovania. V pilotnej práci sme študovali obranné správanie samcov pred párením. V rámci komunikácie jedincov má dôležité postavenie spev, ktorého kvalita sa vyvíja pod evolučným tlakom pohlavného výberu. Stále máme málo poznatkov o význame spevu v konkurenčnom boji medzi samcami trsteniarikov, pri ktorom sa presadzuje zjednodušovanie spevu, napr. opakovaním slabík. Toto opakovanie signalizuje všeobecnú bojovú schopnosť samcov - ich agresivitu. V rámci zvukového experimentu sme u nespárených samcov trsteniarika bahenného skúmali správanie voči dvom súčasne spievajúcim votrelcom, líšiacim sa počtom opakovania slabík. Samce sa rýchlejšie približovali k spevu s malým počtom opakovaní slabík a zdržiavali sa v jeho blízkosti podstatne dlhšie. Avšak podiel samcov, ktorí sa najprv priblížili k spevu s vysokým alebo nízkym počtom opakovaní slabík, ako aj minimálna vzdialenosť, na ktorú sa samce priblížili k miestu reprodukcie nahrávky spevu, sa nelišili. Slabšia odozva na spev s vysokým opakovaním slabík naznačuje, že teritoriálne samce sú viac zastrašené agresívnou povahou tohto typu spevu.



Obr. Trsteniarik bahenný (*Acrocephalus scirpaceus*), Foto: J. Svetlík

DAROLOVÁ, Alžbeta** - KRIŠTOFÍK, Ján - RUBÁČOVÁ, Lucia - KNAUER, Felix - HOI, Herbert. Is syllable repetitions a song parameter important for male-male interactions in Eurasian reed warbler (*Acrocephalus scirpaceus*)? In Biologia, 2024, vol. 79, iss. 5, pp. 1451 - 1459. (2023: 1.4 - IF, Q3 - JCR, 0.361 - SJR, Q2 - SJR). ISSN 0006-3088. Dostupné na: <https://doi.org/10.1007/s11756-024-01636-2>

2.4. Publikačná činnosť (zoznam je uvedený v prílohe A-3)

Tabuľka 2e Štatistika vybraných kategórií publikácií

PUBLIKAČNÁ A EDIČNÁ ČINNOSŤ	Počet v r. 2024/ doplňky z r. 2023
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)	1 / 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)	40 / 0
10. Vedecké práce registrované vo Web of Science Core Collection alebo Scopus (ADMA, ADMB, ADNA, ADNBN)	10 / 0
11. Vedecké práce v ostatných domácich časopisoch (ADFA, ADFB)	8 / 1
12. Vedecké práce v ostatných zahraničných časopisoch (ADEA, ADEB)	1 / 0
13. Vedecké práce v domácich recenzovaných zborníkoch (AEDA)	3 / 1
14. Vedecké práce v zahraničných recenzovaných zborníkoch (AECA)	0 / 0
15. Publikované príspevky na domácich vedeckých konferenciách (AFB, AFD)	0 / 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	1
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 sa 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. 2023 (zdroj JCR) <i>Počet článkov / doplnky</i>	14 / 0	20 / 0	14 / 0	2 / 0	50 / 0
Podľa SJR z r. 2023 (zdroj Scimago) <i>Počet článkov / doplnky</i>	32 / 0	13 / 0	3 / 0	2 / 0	50 / 0

Tabuľka 2g Ohlasy

OHLASY	Počet v r. 2023/ doplnky z r. 2022
Citácie vo WOS (1.1, 2.1)	1330 / 51
Citácie v SCOPUS (1.2, 2.2)	548 / 81
Citácie v iných citačných indexoch a databázach (9, 10, 3.2, 4.2)	8 / 0
Citácie v publikáciách neregistrovaných v citačných indexoch (3, 4, 3.1, 4.1)	185 / 8
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	14
Prednášky a vývesky na národných vedeckých podujatiach	19

2.6. Vyžiadané prednášky

Ak boli príspevky publikované, sú súčasťou prílohy A-3, kategória (AFC, AFD, AFE, AFF, AFG, AFH)

2.6.1. Vyžiadané prednášky na medzinárodných vedeckých podujatiach

1. Birds and their hidden companions: Are there connections?, Alžbeta Šujanová, Departamento de Biología, Universidad de Antioquia, VI International Conference on Malaria and Related Haemosporidian Parasites of Wildlife and III International Symposium of the Wildlife Disease Research Network, 26.-30. November 2024, Medellín, Colombia

2.6.2. Vyžiadané prednášky na národných vedeckých podujatiach

Vidlička, L.: Synantropné (filantropné) šváby. XIX. odborný seminár DDD s medzinárodnou účasťou, Tatry 3.-4.XII.2024, Nový Smokovec

2.6.3. Vyžiadané prednášky na významných vedeckých inštitúciách

1. Slovak scientific high-school ministry projects BARS2-3 for Japan, Peter Vršanský, Hokkaido University, August 2024

2.7. Patentová a licenčná činnosť na Slovensku a v zahraničí v roku 2024

2.7.1. Vynálezy, na ktoré bol v roku 2024 udelený patent

a) na Slovensku

b) v zahraničí

2.7.2. Vynálezy prihlásené v roku 2024

a) na Slovensku

b) v iných krajinách ako prioritná prihláška

c) PCT

d) EP

e) v iných krajinách v rámci tzv. národnej fázy po PCT, resp. po validácii EP

2.7.3. Úžitkové vzory na Slovensku

a) prihlásené v roku 2024

b) udelené v roku 2024

2.7.4. Realizované vynálezy

a) predané patenty resp. prihlášky vynálezov (v prípade úplnej zmeny majiteľa patentu)

b) predané licencie (v prípade že majiteľom ostáva organizácia SAV)

Finančný prínos pre organizáciu SAV v roku 2024 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
Didyk Yuliya	Vega	1
Gáliková Martina	DoktoGrant	3
	VEGA	1
Kazimírová Mária	VEGA	1
Koči Kamila	KEGA	1
	VEGA	2
Mangová Barbara	VEGA	3
Roller Ladislav	VEGA	4
Václav Radovan	VEGA	1
Vidlička Ľubomír	VEGA	5

2.9. Účasť na spracovaní hesiel do encyklopédie Beliana

Počet autorov hesiel: 0

2.10. Recenzovanie knižných publikácií a príspevkov vo vedeckých časopisoch

Tabuľka 2j Počet vypracovaných recenzií na vedecké monografie, vedecké štúdie a zborníky

Meno pracovníka	Ved. monografie		Príspevky v časopisoch			Zborníky	
	Domáce	Zahra- ničné	WoS, SCOPUS	Iné databázy	Ostatné	Domáce	Zahra- ničné
Darolová Alžbeta	0	0	1	0	0	0	0
Didyk Yuliya	0	0	3	0	0	1	0
Gáliková Martina	0	0	5	0	0	0	0
Hamerlík Ladislav	0	0	3	0	0	0	0
Kazimírová Mária	0	0	20	0	2	0	0
Klepsatel Peter	0	0	14	0	0	0	0
Navara Tomáš	1	0	0	0	0	0	0
Prokop Pavol	0	0	21	0	0	0	0
Roller Ladislav	0	0	1	3	0	0	0
Rusňáková Taragel'ová Veronika	0	0	1	0	0	1	0
Stanko Michal	0	0	3	0	0	0	0
Václav Radovan	0	0	2	0	0	0	1
Vidlička Ľubomír	0	0	14	0	18	0	0
Vršanský Peter	1	0	10	0	0	0	0
Spolu	2	0	98	3	20	2	1

2.11. Iné informácie k vedecko-výskumnej činnosti.

Rok 2024 bol pre Ústav zoológie SAV opäť úspešný v publikačnej oblasti. Pracovníci ústavu boli autormi a spoluautormi jednej vedeckej monografie a viacerých článkov v prestížnych zahraničných časopisoch, ako napríklad Science of the Total Environment (IF - 8,2), Journal of Environmental Management (IF - 8), Journal of Environmental Psychology (IF - 6,1), Specialty Journal of Frontiers in Microbiology (IF - 4,6) a BMC Biology (IF - 4,4). Vedci ústavu publikovali spolu 7 článkov v časopisoch s IF nad 4 a celkovo 32 vedeckých prác v časopisoch zaradených do prvého kvalitatívneho kvartilu. Celkovo sme publikovali 50 článkov v kvalitných impaktovaných časopisoch. Vysoké nároky na kvalitu výsledkov a publikačných výstupov sú trvalou prioritou ústavu.

Zamestnanci ústavu sa podieľajú na riešení medzinárodných projektov ako je LIFE „Zavedenie overených postupov ochrany motýľov v strednej a východnej Európe“ a programu BIODIVERSA-PLUS. Ústav úspešne získal granty a štipendiá v rámci schém Plánu obnovy a odolnosti SR, a to Veľký projekt pre excelentného výskumníka, 2x štipendiá pre excelentných výskumníkov, preklenovací ERC grant a kapitálový booster pre APVV projekt. Kvôli nedostatku voľných kapacít sa však naši zamestnanci museli vzdať niektorých získaných grantov a štipendií. Ide o 1x Schwarzov fond, 1x DoktoGrant a 1x R4 štipendium z POO.

V rámci programu SAIA Akcia Slovensko-Rakúsko sa uskutočnili výskumné pobyty našej doktorandky a postdoktorandky v zahraničí. Navyše, postdoktorand Matej Medla bol úspešný v získaní grantu EMBO Scientific Exchange Grant, ktorý mu umožní polročný výskumný pobyt v Taliansku. Rovnako postdoktorandka Vanda Klöcklerová získala financovanie z grantovej schémy PostdokGrant 2024.

3. Medzinárodná vedecká spolupráca

3.1. Medzinárodné vedecké podujatia

3.1.1. Medzinárodné vedecké podujatia, ktoré organizácia SAV organizovala v roku 2024 alebo sa na ich organizácii podieľala, s vyhodnotením vedeckého a spoločenského prínosu podujatia

XV. slovenské a české parazitologické dni, Tesáre - Nové mlyny, 79 účastníkov, 13.05.-17.05.2024
V dňoch 13.– 17. mája 2024 sa konala jubilejná parazitologická konferencia pod záštitou Slovenskej parazitologickej spoločnosti, Českej parazitologickej spoločnosti, Ústavu zoológie SAV, v. v. i., a Parazitologického ústavu SAV, v. v. i. Konferencia sa konala v krásnom prostredí neďaleko Topoľčian, v Tesároch - Nových Mlynoch a zúčastnilo sa jej 79 vedeckých pracovníkov a doktorandov z deviatich krajín – Slovensko, Česko, Ukrajina, Litva, Rakúsko, Nemecko, Bulharsko a USA.

Počas troch dní účastníci prezentovali svoje vedecké výsledky buď formou prednášok, alebo vývesiek. Na konferenciu boli pozvaní traja hostia, ktorí prezentovali nielen svoje výsledky, ale aj nové trendy výskumu v odbore. Prvou pozvanou účastníčkou bola Dr. Lorenza Beati, ktorá je kurátorkou U.S. National Tick Collection – Institute for Coastal Plain Science a zároveň profesorkou na Katedre biológie na Georgia Southern University v USA, ktorá rozprávala o populačnej genetike kliešťov. Druhou pozvanou hostkou bola Dr. Carolina R.F. Chagas z Nature research centre vo Vilniuse, ktorá sa venuje výskumu krvných parazitov. Tretím hosťom bol Dr. Vitaliy A. Kharchenko, vedúci Oddelenia parazitológie, zároveň riaditeľ Ústavu zoológie I. I. Schmalhausena Národnej akadémie vied Ukrajiny, ktorý sa podelil o jeho výskum črevných parazitov.

Prednáškové dni boli rozdelené na viaceré sekcie zamerané na protozoológiu, parazity rýb, parazitické červy, epidemiológiu a diagnostiku, hostiteľsko-parazitické vzťahy a taxonómiu, ekológiu, distribúciu, fyziológiu a endokrinológiu kliešťov.

Konferencie sa zúčastnili aj viacerí PhD študenti, ktorí prezentovali svoj výskum a boli hodnotení v študentskej súťaži o najlepšiu prednášku a najlepšiu vývesku. Ceny si prevzalo šesť veľmi talentovaných študentov, ktorých výskum posúva hranice parazitológie.

Konferencia je už tradičným spojením kvalitnej slovenskej a českej vedy a v poslednom čase sa teší zvýšenému záujmu účastníkov za hranicami týchto dvoch krajín.

3.1.2. Medzinárodné vedecké podujatia, ktoré usporiada organizácia SAV v roku 2025 (anglický a slovenský názov podujatia, miesto a termín konania, meno, telefónne číslo a e-mail zodpovedného pracovníka)

3.1.3. Počet pracovníkov v programových a organizačných výboroch medzinárodných konferencií

Tabuľka 3a Programové a organizačné výbory medzinárodných konferencií

Meno pracovníka	Programový	Organizačný	Programový i organizačný
Derdáková Markéta	0	0	1
Didyk Yuliya	0	1	0
Chvostáč Michal	0	1	0
Kazimírová Mária	0	1	0
Mangová Barbara	0	1	0
Purgatová Slávka	0	1	0

Rusňáková Tarageľová Veronika	0	0	1
Selyemová Diana	0	1	0
Šujanová Alžbeta	0	1	0
Zhovnerchuk Olha	0	1	0
Spolu	0	8	2

3.2. Členstvo a funkcie v medzinárodných orgánoch

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

RNDr. Alžbeta Darolová, CSc.

Česká ornitologická spoločnosť (funkcia: člen)

MVDr. Yuliya Didyk, PhD.

Ukrainian Entomological Society (funkcia: člen)

Ukrainian Scientific Society of Parasitologists (funkcia: člen)

Mgr. Martina Gáliková, PhD.

European Society for Comparative Endocrinology (funkcia: členka)

RNDr. Kamila Koči, PhD.

Československá spoločnosť mikrobiologická (funkcia: člen)

prof. RNDr. Oto Majzlan, PhD.

Wiener Coleopterologen-Verein (funkcia: člen)

Mgr. Alžbeta Šujanová, PhD.

Scandinavian-Baltic Society for Parasitology (funkcia: člen)

Ing. Zbyšek Šustek, CSc.

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

doc. RNDr. Ľubomír Vidlička, CSc.

Deutsche Gesellschaft für Orthopterologie (funkcia: člen)

Mgr. Olha Zhovnerchuk, PhD.

Ukrainian Entomological Society (funkcia: člen)

3.3. Účast' expertov na hodnotení medzinárodných projektov (EÚ RP, ESF a iných)

Tabuľka 3b Experti hodnotiaci medzinárodné projekty

Meno pracovníka	Typ programu/projektu/výzvy	Počet hodnotených projektov
Kazimírová Mária	Programmes Transversaux de Recherche - PTR 2024	1
	Swiss national Science Foundation, SPIRIT funding instrument	1
Prokop Pavol	Agentúra FCT v Portugalsku	13

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

a. LIFE Metamorphosis

V rámci projektu "Developing best practices in butterfly conservation in Central and Eastern Europe. LIFE, Metamorphosis" sme mapovali výskyt zákonom chránených a ohrozených druhov motýľov na územiach CHKO Záhorie, Malé Karpaty, Biele Karpaty, Strážovské vrchy, Cerová vrchovina a NP Slovenský kras. Na týchto územiach Európskeho významu sme zaznamenali výskyt a početnosť viacerých zákonom chránených a všeobecne ohrozených druhov uvedených v zozname Natura 2000. Tiež sme navrhli úpravu biotopov formou tradičného hospodárenia, extenzívneho pasenia dobytkom a odstraňovania invázných drevín a bylín. Ďalším významným cieľom je objasniť genetickú diverzitu a variabilitu jednotlivých ohrozených druhov, ktoré v súčasnosti prežívajú už len v rámci izolovaných populácií na vzdialených lokalitách. Doteraz sme spracovali na genetickú analýzu vzorky ohrozených druhov *Parnassius apollo* a *Maculinea arion* z múzea SNM a zberov pracovníkov CHKO a NP, s ktorými máme podpísané dohody o spolupráci. Tento projekt významne prispieva k poznaniu rozšírenia, bionómie a genetickej diverzity ohrozených druhov, umožňuje ich účinnú ochranu a vytvára podmienky pre ich rozšírenie na pôvodné lokality.

b. WIMANET - medzinárodná spolupráca vo výskume vektormi prenášaných ochorení

Vektorom prenášané ochorenia a novovznikajúce infekčné choroby voľne žijúcich zvierat sú významnými prispievateľmi k celosvetovej chorobnosti a predstavujú rastúci globálny problém. Heamosporídie sú v prírode široko rozšírené, mimoriadne diverzné a spájané s morbiditou a mortalitou u rôznych taxónov vrátane človeka, hospodárskych zvierat a voľne žijúcich organizmov. Mnoho vedeckých skupín po celom svete sa zaoberá týmito parazitmi ako modelovými systémami na riešenie širokej škály ekologických a evolučných otázok s ekonomickými a zdravotnými dopadmi. Hlavným prínosom projektu WIMANET je zdieľanie a prehľbovanie znalostí o vektormi prenášaných parazitoch, predovšetkým o heamosporídiach u voľne žijúcich zvierat. V roku 2024 sa konali dve dôležité podujatia, ktorých sa zúčastnili aj zamestnanci Ústavu zoológie, buď online, alebo osobne. Prvým podujatím bol workshop v rumunskom Kluži, kde sa diskutovala potreba vývoja vhodných protokolov, existujúcich databáz týkajúcich sa malárie, a taktiež potreba dizajnovania experimentov. Tento workshop prispel k výmene praktických skúseností a diskusii o spôsoboch zlepšovania šandardizácie výskumu. Druhým podujatím bola letná škola v českom Mohelne, kde Dr. Šujanová nadobudla hlbšie znalosti v oblasti terénnych, laboratórnych aj bioinformatických metód. Táto letná škola ponúkla unikátnu príležitosť pre mladých vedcov získať praktické zručnosti a vytvoriť medzinárodné siete na podporu budúcej spolupráce. Projekt WIMANET tak naďalej podporuje výmenu poznatkov, spoluprácu medzi účastníkmi a posilňuje odborné schopnosti zapojených vedeckých skupín.

Prehľad údajov o medzinárodnej mobilite pracovníkov organizácie je uvedený v Prílohe A-5.

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

4. Aplikácia výsledkov výskumu v praxi

4.1. Výsledky výskumu organizácie aplikované v technologickej a všeobecnej spoločenskej praxi

4.2. Kontraktový – zmluvný výskum (vrátane zahraničných kontraktov)

Názov/účel kontraktového výskumu: Posúdenie vplyvu revitalizačných opatrení na základe štruktúry spoločenstiev bentických bezstavovcov pre projekt zameraný na obnovu a manažment dunajských lužných biotopov

Zadávateľ výskumného kontraktu: Výskumný ústav vodného hospodárstva

Začiatok spolupráce: 2018

Ukončenie spolupráce: 2024

Finančný prínos pre organizáciu (€): 15000

4.3. Iné formy aplikácie výsledkov výskumu a využitia odbornosti

Monitorovanie zmien štruktúry planktonických kôrovcov (Cladocera a Copepoda) na trvalých monitorovacích plochách v rámci dohody medzi SR a MR - Monitoring prírodného prostredia dotknutého výstavbou a prevádzkou VD Gabčíkovo - odborná skupina "biota".

V rámci výskumu kliešťami prenášaných patogénov pracovníci ústavu ponúkajú službu pre verejnosť, ktorá spočíva v diagnostike pricicaných kliešťov na prítomnosť patogénov, konkrétne: borélií, anaplaziem, rickettsií a babézií.

Odporúčania pre manažment trávnatých plôch s ohľadom na faunu bezstavovcov. Návrhy opatrení na podporu biodiverzity bezstavovcov (podpora hniezdnych možností pre samotárske včely a kutavky, zimovísk a úkrytov pre hmyz a pod.)

Na oddelení systematiky živočíchov Ústavu zoológie SAV, v. v. i. sa veľká pozornosť venuje výskumu synantropných bezstavovcov, hlavne švábovitého hmyzu. Schopnosť presnej determinácie druhovo bohatej skupiny bezstavovcov (hlavne hmyzu) a tiež postupné prenikanie viacerých nových invázných druhov hmyzu na naše územie podnietilo spoluprácu s Cechom profesionálov DDD (Cech profesionálov pre deratizáciu, dezinfekciu a dezinfekciu) pri determinácii rôznych druhov bezstavovcov ktoré sa vyskytujú v domácnostiach a môžu potenciálne spôsobovať rôzne škody či predstavovať zdravotné riziko. Spolupráca trvá už niekoľko rokov s viacerými firmami združenými v tomto cechu. Cech požíva pravidelne zamestnanca Ústavu zoológie SAV na medzinárodný odborný seminár Cechu DDD, kde bolo doteraz odprezentovaných viacero vyžiadaných prednášok o synantropnom hmyze. Na základe nášho poradenstva sú následne vykonávané iba naozaj potrebné zásahy voči synantropnému hmyzu, a nevykonávajú sa zbytočné necielené zásahy v prípadoch, keď sa nepotvrdí prítomnosť škodlivých druhov. Tento prístup oceňujú tak DDD firmy ako aj ich zákazníci.

5. Doktorandské štúdium a pedagogická činnosť

5.1. Údaje o doktorandskom štúdiu

Tabuľka 5a Počet doktorandov v roku 2024

Forma	Počet k 31.12.2024				Počet doktorandov po doktorandskej skúške		Počet ukončených doktorantúr v r. 2024					
							Ukončenie z dôvodov					
	celkový počet		z toho novoprijatí				ukončenie úspešnou obhajobou		predčasné ukončenie		neúspešné ukončenie	
	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž	M	Ž
Denná zo zdrojov SAV	3	5	2	1	1	1	0	0	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	0	0	0	0	0	0
Spolu	4	5	2	1	1	1	0	0	0	0	0	0
Z toho zahraničných	2	0	1	0	0	0	0	0	0	0	0	0
Súhrn	9		3		2		0		0		0	

Uvádzajte len doktorandov organizácie ako externej vzdelávacej inštitúcie.

Riadok „Spolu“ je súčtom troch riadkov nad ním. Každá bunka v riadku „Súhrn“ vyjadruje celkový počet doktorandov (mužov a žien spolu), čiže je súčtom príslušných dvoch buniek z riadku „Spolu“. V stĺpci „Počet doktorandov po doktorandskej skúške“ sa uvádza počet doktorandov, ktorí počas roku 2024 boli aspoň 1 deň doktorandami po doktorandskej skúške. Sú číselne zahrnutí aj v predchádzajúcich stĺpcoch.

Pod predčasným ukončením rozumieme ukončenie bez obhajoby dizertačnej práce pričom doktorand neabsolvoval celú štandardnú dĺžku štúdia. Pod neúspešným ukončením rozumieme ukončenie bez úspešnej obhajoby dizertačnej práce, pričom študent absolvoval celú štandardnú dĺžku štúdia.

5.2. Zmena formy doktorandského štúdia

Tabuľka 5b Počty preradení 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

5.3. Zoznam doktorandov, ktorí ukončili doktorandské štúdium úspešnou obhajobou

Tabuľka 5c Menný zoznam ukončených doktorandov v roku 2024 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 hodnosť

5.4. Zoznam doktorandov, ktorí ukončili doktorandské štúdium úspešnou obhajobou v nadštandardnej dĺžke štúdia

Tabuľka 5d Menný zoznam ukončených doktorandov v roku 2024 úspešnou obhajobou v nadštandardnej dĺžke štúdia

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

5.5. Uplatnenie absolventov doktorandského štúdia

Tabuľka 5e Prehľad uplatnenia absolventov doktorandského štúdia

Počet absolventov PhD. štúdia v roku 2024 (obhajoba leto 2024)	z toho koľkí sa zamestnali vo výskume (SAV, univerzity, rezortné výskumné ústavy)	z toho koľkí sa zamestnali v praxi mimo výskum, kde využívajú svoju kvalifikáciu	z toho koľkí sa zamestnali v praxi, kde nevyužívajú svoju kvalifikáciu	z toho koľkí boli nejaký čas nezamestnaní
0	0	0	0	0

Číslo v prvom stĺpci musí byť súčtom čísel v stĺpcoch 2-4, pokiaľ je známe uplatnenie dočasne nezamestnaného absolventa/ky a bude zahrnutý do stĺpcov 2-4. Ak jeho/jej uplatnenie nie je známe, musí byť číslo v stĺpci 1 súčtom čísel v stĺpcoch 2-5

Zoznam interných a externých doktorandov je uvedený v prílohe A-1.

5.6. Medzinárodné doktorandské štúdium

Tabuľka 5f Počet študentov v medzinárodných programoch doktorandského štúdia a počet zahraničných doktorandov

Cotutelle	Co-direction	Iné	Zahraniční doktorandi štátne občianstvo/počet
0	0	0	IND/1, TZA/1

Zahraniční doktorandi sú doktorandi v dennej alebo externej forme štúdia, ktorí sú občanmi iných krajín. Doktorandi školení v rámci Cotutelle alebo Co-direction sa do posledného stĺpca nezapočítavajú.

5.7. Zoznam študijných odborov, na ktoré má ústav uzatvorenú rámcovú dohodu, s uvedením VŠ

Tabuľka 5g Zoznam študijných odborov, na ktoré má ústav uzatvorenú rámcovú dohodu, s uvedením univerzity/vysokej školy a fakulty, kde sa doktorandský študijný program uskutočňuje

Názov študijného odboru (ŠO)	Číslo ŠO	Názov doktorandského študijného programu	Doktorandské štúdium uskutočňované na (univerzita/vysoká škola a fakulta)
biológia	1536	fyziológia živočíchov	Prírodovedecká fakulta UK
biológia	1536	genetika	Prírodovedecká fakulta UK
biológia	1536	mikrobiológia a virológia	Prírodovedecká fakulta UK
biológia	1536	molekulárna biológia	Prírodovedecká fakulta UK
biológia	1536	zoológia	Prírodovedecká fakulta UK
ekologické a environmentálne vedy	1610	ekológia a ochrana životného prostredia	Prírodovedecká fakulta UK

Názov a číslo študijného odboru vyplňte/vyberte podľa aktuálne platného zoznamu študijných odborov <https://www.portalvs.sk/sk/studijne-odbory?from=menu1>. Názov doktorandského študijného programu v stĺpci 3 je potrebné vložiť ako voľný text.

Tabuľka 5h Účasť na pedagogickom procese

Menný prehľad pracovníkov, ktorí boli menovaní do 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. Ing. Ladislav Hamerlík, PhD. (ekologické a environmentálne vedy)	prof. Ing. Ladislav Hamerlík, PhD. (Fakulta prírodných vied UMB)	
prof. PaedDr. Pavol Prokop, DrSc. (ochrana a využívanie krajiny)	prof. PaedDr. Pavol Prokop, DrSc. (Prírodovedecká fakulta UK)	
Ing. Ladislav Roller, PhD. (zoológia)	doc. RNDr. Ľubomír Vidlička, CSc. (Slovenské národné múzeum)	
doc. RNDr. Michal Stanko, DrSc. (zoológia)		
doc. RNDr. Ľubomír Vidlička, CSc. (ochrana a využívanie krajiny)		

Mgr. Peter Vršanský, PhD. (paleontológia)		
RNDr. Dušan Žitňan, DrSc. (molekulárna biológia)		

5.8. Údaje o pedagogickej činnosti

Tabuľka 5i Prednášky a cvičenia vedené v roku 2024

PEDAGOGICKÁ ČINNOSŤ	Prednášky		Cvičenia a semináre	
	doma	v zahraničí	doma	v zahraničí
Počet prednášateľov alebo vedúcich cvičení	12	0	2	0
Celkový počet hodín v r. 2024	142	0	95	0

Prehľad prednášateľov predmetov a vedúcich cvičení, s uvedením názvu predmetu, úväzku, katedry, fakulty, univerzity/vysokej školy je uvedený v prílohe A-4.

Tabuľka 5j 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	17
3.	Počet pracovníkov, ktorí pôsobili ako škoolitelia doktorandov (PhD.)	9
4.	Počet školených doktorandov (aj pre iné inštitúcie)	13
5.	Počet oponovaných dizertačných a habilitačných prác	7
6.	Počet pracovníkov, ktorí oponovali dizertačné a habilitačné práce	5
7.	Počet pracovníkov, ktorí pôsobili ako členovia komisií pre obhajoby DrSc. prác	2
8.	Počet pracovníkov, ktorí pôsobili ako členovia komisií pre obhajoby PhD. prác	5
9.	Počet pracovníkov, ktorí pôsobili ako členovia komisií, resp. oponenti v inauguračnom alebo habilitačnom konaní na vysokých školách	0

5.9. Iné dôležité informácie k pedagogickej činnosti

V roku 2024 boli prijatí traja noví doktorandi, z toho jeden zahraničný, takže na ústave v súčasnosti pôsobí deväť doktorandov, z ktorých sú dvaja zahraniční študenti. Naši doktorandi a post-doktorandi boli úspešní aj v rámci žiadostí o štipendiá na výskumné pobyty v zahraničí. Dva projekty boli úspešné v rámci programu Akcia Slovensko-Rakúsko a jeden projekt z grantu EMBO Scientific Exchange Grant na pobyt na výskumnej inštitúcii v Taliansku. Okrem toho naša študentka získala grant z novej projektovej schémy SAV - PostdokGrant 2024. Ústav zoológie SAV má uzavretú zmluvu s Prírodovedeckou fakultou UK v Bratislave o externom školiacom pracovisku, ktoré ponúka viaceré študijné programy (zoológia, molekulárna biológia, fyziológia živočíchov, mikrobiológia a virológia, ekológia a ochrana životného prostredia, genetika). Veríme, že táto spolupráca nám pomôže rozšíriť možnosti získavania mladých talentovaných študentov na riešenie moderných a často multidisciplinárnych výskumných úloh.

Ústav zoológie SAV úzko spolupracuje pri pedagogickej činnosti najmä s Prírodovedeckou fakultou UK, Fakultou chemickej a potravinárskej technológie STU v Bratislave a Fakultou prírodných vied Univerzity Mateja Bella v Banskej Bystrici. Podstatnú časť pedagogickej činnosti na ÚZ SAV tvorí prednášková činnosť a vedenie absolventských prác na všetkých troch stupňoch vysokoškolského štúdia.

6. Zmluvná spolupráca s univerzitami/vysokými školami a inými subjektmi vedy a výskumu

Pozn.: Uvádzajte formy spolupráce a aktivity, ktoré nie sú uvedené v kapitolách 2, 3, 4, 5.

6.1. Spoločné pracoviská organizácie

6.1.1. Spolupráca s univerzitami/VŠ (fakultami)

Názov univerzity/vysokej školy a fakulty: Prírodovedecká fakulta UK

Oblasť spolupráce: prednášky, výskum

Sídlo spoločného pracoviska (ak je vytvorené):

Začiatok spolupráce: 2010

Zhodnotenie:

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

Oblasť spolupráce: Výskum

Sídlo spoločného pracoviska (ak je vytvorené):

Začiatok spolupráce: 2018

Zhodnotenie:

Pozn.: uvádzajte len tie spolupráce, na ktoré má organizácia zmluvu resp. memorandum o zriadení spoločného pracoviska, resp. o vzájomnej spolupráci v konkrétnej oblasti výskumu

6.1.2. Spoločné pracoviská s inými organizáciami SAV

Názov organizácie: Biomedicínske centrum SAV, v. v. i.

Oblasť spolupráce: Výskum

Sídlo spoločného pracoviska (ak je vytvorené):

Začiatok spolupráce: 2018

Zhodnotenie:

Názov organizácie: Centrum biológie rastlín a biodiverzity SAV, v. v. i.

Oblasť spolupráce: Výskum

Sídlo spoločného pracoviska (ak je vytvorené):

Začiatok spolupráce: 2018

Zhodnotenie:

Názov organizácie: Parazitologický ústav SAV, v. v. i.

Oblasť spolupráce: Výskum

Sídlo spoločného pracoviska (ak je vytvorené):

Začiatok spolupráce: 2018

Zhodnotenie:

Pozn.: uvádzajte len tie spolupráce, na ktoré má organizácia zmluvu resp. memorandum o zriadení spoločného pracoviska, resp. o vzájomnej spolupráci v konkrétnej oblasti výskumu

6.2. Spoločné pracoviská organizácie s inými inštitúciami mimo SAV a VŠ

Pozn.: uvádzajte len tie spolupráce, na ktoré má organizácia zmluvu resp. memorandum o zriadení spoločného pracoviska, resp. o vzájomnej spolupráci v konkrétnej oblasti výskumu

6.3. Spoločné projekty s univerzitami a ostatnými inštitúciami mimo SAV

Názov projektu: Developing best practices in butterfly conservation in Central and Eastern Europe

Agentúra: LIFE

číslo projektu: 101074487

Spolupracujúce inštitúcie: BROZ, Štátna ochrana prírody Slovenskej republiky, Fundatia ADEPT Transilvania, Őrségi Nemzeti Park

Koordinátor projektu: Bratislavské regionálne ochranárske združenie

Začiatok spolupráce: 2022

Koniec spolupráce: 2029

Zhodnotenie: 20150 EUR

Názov projektu: Zraniteľnosť vybraných prírodne a antropogénne narušených ekosystémov vo vzťahu k prebiehajúcej zmene klímy

Agentúra: VEGA

číslo projektu: 1/0392/22

Spolupracujúce inštitúcie: Lesnícka fakulta TU vo Zvolene

Koordinátor projektu: Lesnícka fakulta TU vo Zvolene

Začiatok spolupráce: 2022

Koniec spolupráce: 2025

Zhodnotenie: 1080 EUR

Názov projektu: Stanovenie funkcií spevu a perových ornamentov u lelka lesného (*Caprimulgus europaeus*) prostredníctvom časovania vokálnych aktivít a pomocou behaviorálneho experimentu

Agentúra: VEGA

číslo projektu: 1/0134/23

Spolupracujúce inštitúcie: Prírodovedecká fakulta UK Bratislava

Koordinátor projektu: Prírodovedecká fakulta UK Bratislava

Začiatok spolupráce: 2023

Koniec spolupráce: 2026

Zhodnotenie: 1687 EUR

Názov projektu: Úloha bioindikátorov v identifikácii antropogénne vyvolaných zmien vodno-vzdušného režimu v pôdach s rôznym spôsobom využiti

Agentúra: VEGA

číslo projektu: 1/0315/23

Spolupracujúce inštitúcie: Prírodovedecká fakulta UK V Bratislave

Koordinátor projektu: Prírodovedecká fakulta UK v Bratislave

Začiatok spolupráce: 2023

Koniec spolupráce: 2026

Zhodnotenie: 1835 Eur

Názov projektu: Sieť pre výskum malárie u divožijúcich živočíchov

Agentúra: COST

číslo projektu: CA22108

Spolupracujúce inštitúcie: University of Lincoln, UK

Koordinátor projektu: University of Lincoln, UK

Začiatok spolupráce: 2023

Koniec spolupráce: 2027

Zhodnotenie: 833 EUR

Pozn.: uviesť konkrétne spoločné aj bilaterálne projekty na základe platnej zmluvy o spolupráci

6.4. Iné typy spoločných aktivít s inštitúciami mimo SAV

7. Vedecko-organizačné a popularizačné aktivity

7.1. Vedecko-popularizačná činnosť

Tabuľka 7a Súhrnné počty vedecko-popularizačných činností organizácie SAV

Typ	Počet	Typ	Počet	Typ	Počet
prednášky/besedy	16	tlač	11	TV	7
rozhlas	3	internet	10	exkurzie	0
publikácie	0	multimediálne nosiče	0	dokumentárne filmy	0
iné	9				

7.2. Vedecko-organizačná činnosť

Tabuľka 7b Vedecko-organizačná činnosť

Názov podujatia	Domáca/ medzinárodná	Miesto	Dátum konania	Počet účastníkov
XV. slovenské a české parazitologické dni	medzinárodná	Tesáre - Nové mlyny	13.5.-17.5.2024	79

7.3. Účasť na výstavách

Názov výstavy: Víkend so SAV

Miesto konania: Hlavná ulica, Trnava

Dátum: 21.6.2024

Zhodnotenie účasti: V stánku Ústavu zoológie SAV boli prezentované zaujímavosti z vedeckej práce pracovníkov Oddelenia genetiky a fyziológie. V stánku nechýbali aj ukážky živých jedincov hmyzu. O odborný výklad sa postarali Martina Gáliková, Diana Knoblochová, Ľubomír Vidlička, Ladislav Roller, Andrej Boroš a Sanjay Yadav.

Názov výstavy: My sme SAV

Miesto konania: Hviezdoslavovo námestie, Bratislava

Dátum: 15.6.2024

Zhodnotenie účasti: Na podujatí sa zúčastnili aj vedeckí zamestnanci Ústavu zoológie SAV, kde prezentovali zaujímavosti z výskumu kliešťov. V stánku nechýbali živočíchy, ktoré si mohli návštevníci chytiť do ruky a dozvedieť sa niečo z ich života. Odborný výklad zabezpečili: Ivana Daubnerová, Olha Zhovnerchuk, Barbara Mangová, Michal Chvostáč a Ján Samay. V rámci podujatia odznela aj prednáška Dr. Gálikovej o vínnych muškách a výskume obezity.

Názov výstavy: Európska noc vedy

Miesto konania: Stará tržnica, Bratislava

Dátum: 27.9.2024

Zhodnotenie účasti: Na výstave boli vedeckými pracovníkmi a doktorandmi ústavu prezentované vedecké objavy a zaujímavosti vo výskume ovocných mušiek. Lákadlom pre účastníkov však bol aj živý hmyz, s ktorým mohli manipulovať a pozorovať ho zblízka.

7.4. Účasť v programových a organizačných výboroch národných konferencií

Tabuľka 7c Programové a organizačné výbory národných konferencií

Meno pracovníka	Programový	Organizačný	Programový i organizačný
Spolu			

7.5. Členstvo v redakčných radách časopisov

RNDr. Alžbeta Darolová, CSc.

Tichodroma (funkcia: člen)

prof. Ing. Ladislav Hamerlík, PhD.

Quaestiones Rerum Naturalium (QRN) (funkcia: člen redakčnej rady)

RNDr. Stanislav Kalúz, CSc.

Entomofauna Carpathica (funkcia: člen)

Folia Faunistica Slovaca (funkcia: člen)

RNDr. Mária Kazimírová, CSc.

Biologia (funkcia: managing editor)

Frontiers in Cellular and Infection Microbiology (funkcia: člen redakčnej rady)

Parasitologia (funkcia: člen redakčnej rady)

Pathogens (funkcia: člen redakčnej rady)

Ticks and Tick-borne Diseases (funkcia: člen redakčnej rady)

prof. RNDr. Oto Majzlan, PhD.

Entomofauna carpathica (funkcia: člen)

Naturae tutela (funkcia: člen)

RNDr. Tomáš Navara, PhD.

Zborník SNM v Martine - Kmetianum (funkcia: člen)

prof. PaedDr. Pavol Prokop, DrSc.

Biologia (funkcia: associate editor)

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

Mgr. Radovan Václav, PhD.

Biologia (funkcia: člen Editorial Board)

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)
Zootaxa (funkcia: editor)

Mgr. Olha Zhovnerchuk, PhD.

Ukrainian Journal of Natural Sciences (funkcia: člen redakčnej rady)

RNDr. Dušan Žitňan, DrSc.

General and Comparative Endocrinology (funkcia: člen)

7.6. 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.

Slovenská parazitologická spoločnosť pri SAV (funkcia: člen)

prof. Ing. Ladislav Hamerlík, PhD.

Slovenská limnologická spoločnosť (funkcia: člen výboru)

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. Vanda Klöcklerová, PhD.

Slovenská parazitologická spoločnosť pri SAV (funkcia: člen)

Slovenská spoločnosť pre biochémiu a molekulárnu biológiu (funkcia: člen)

Mgr. Igor Kokavec, PhD.

Slovenská limnologická spoločnosť pri SAV (funkcia: člen)

RNDr. Ján Krištofík, CSc.

Slovenská entomologická spoločnosť pri SAV (funkcia: člen)

prof. RNDr. Oto Majzlan, PhD.

Slovenská entomologická spoločnosť pri SAV (funkcia: predseda)

Mgr. Barbara Mangová, PhD.

Slovenská arachnologická spoločnosť - SARAS (funkcia: člen)

Slovenská parazitologická spoločnosť (funkcia: Člen)

Slovenská zoologická spoločnosť pri SAV (funkcia: člen)

Mgr. Veronika Michalková, PhD.

Entomologická spoločnosť (funkcia: člen)

RNDr. Tomáš Navara, PhD.

Slovenská limnologická spoločnosť (funkcia: člen)

Ing. Ladislav Roller, PhD.

Slovenská entomologická spoločnosť pri SAV (funkcia: podpredseda)

Slovenská entomologická spoločnosť pri SAV (funkcia: člen)

Mgr. Veronika Rusňáková Taragel'ová, PhD.

Slovenská parazitologická spoločnosť pri SAV (funkcia: členka)

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)

Mgr. Alžbeta Šujanová, PhD.

Slovenská parazitologická spoločnosť (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)

Mgr. Olha Zhovnerchuk, PhD.

Slovenská parazitologická spoločnosť pri SAV (funkcia: člen)

RNDr. Dušan Žitňan, DrSc.

Slovenská entomologická spoločnosť pri SAV (funkcia: člen)

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

V roku 2024 organizovali vedeckí pracovníci Oddelenia medicínskej zoológie Ústavu zoológie SAV medzinárodnú konferenciu Slovenské a české parazitologické dni – PARADNI24. Táto jubilejná parazitologická konferencia sa konala pod záštitou Slovenskej parazitologickej spoločnosti, Českej parazitologickej spoločnosti, Ústavu zoológie SAV, v. v. i., a Parazitologického ústavu SAV, v. v. i. v dňoch 13.– 17. mája 2024. Uskutočnila sa v krásnom prostredí neďaleko Topolčian, v Tesároch - Nových Mlynoch a zúčastnilo sa jej 79 vedeckých pracovníkov a doktorandov z deviatich krajín – Slovensko, Česko, Ukrajina, Litva, Rakúsko, Nemecko, Bulharsko a USA.

Ústav zoológie SAV sa taktiež podieľal na organizácii 5. ročníka Letnej školy mladých vedcov 2024 na SAV. V treťom júlovom týždni si zamestnanci pripravili pre záujemcov 2 programy s názvom Hmyz okolo nás - spoznávanie jeho rozmanitosti a Kliešte ako ich nepoznáme. Program pozostával nielen z pozorovania živočíchov a práce s mikroskopovacou technikou v laboratóriách, ale aj účasti na terénnych odberoch živých organizmov a exkurzii v Botanickej záhrade. Na záver týždňa si žiaci pripravili prezentácie a postery.

Vedci Ústavu zoológie SAV, v. v. i. sú aktívnymi popularizátormi svojej vedeckej práce. Svoj výskum a prácu ústavu prezentujú vo viacerých významných rozhlasových a televíznych reláciách a reportážach. Mnohí poskytujú rozhovory pre časopisy, píšú články a svojimi vedomosťami a skúsenosťami prispievajú k popularizácii vedy a výskumu. Okrem toho sa zúčastňujú prednášok a diskusií pre verejnosť, študentov a školy, organizujú exkurzie a olympiády. Svoju činnosť prezentujú na sociálnej sieti facebook pod názvom Ústav zoológie SAV, kde zamestnanci pravidelne prispievajú krátkymi správami, článkami, fotografiami a zaujímavými videami z výskumov a terénov. Týmto spôsobom približujú širokej verejnosti prácu vedcov a významné udalosti z prostredia ústavu. BARS IV: V roku 2024 bola zorganizovaná už štvrtá celoštátna stredoškolská vedecká súťaž pod záštitou MŠVVaŠ SR, veľvyslankyne Indie na Slovensku a združením AMBA pod záštitou UNESCO. Vedúcim organizačného tímu súťaže bol Dr. Peter Vršanský z Ústavu zoológie SAV, v. v. i. a Ústavu vied o Zemi SAV, v. v. i. Súťaže sa zúčastnilo 264 žiakov, ktorí vysadili celý nový les (5457 pôvodných neovocných stromov). Finalisti a finalistky súťaže počas štvordňového sústredenia

v Smoleniciach hravou formou absolvovali množstvo rôznych testov a ďalších aktivít, ktoré pripravili samotní študenti. Víťazi absolvovali mesačnú expedíciu do Indie. V spolupráci s Harvardovou Univerzitou sa podieľali na rôznych vedeckých projektoch, pomohli v zoologickom, geologickom a paleontologickom výskume, a prispeli k ochrane miestnej prírody. Účastníci expedície boli prijatí riaditeľom indickej ochrany prírody, ktorá dokázala za menej ako 15 rokov zdvojnásobiť počet tigrov.

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

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
prof. PaedDr. Pavol Prokop, DrSc.	Slovenská komisia pre vedecké hodnosti	člen
Ing. Zbyšek Šustek, CSc.	Poradný zbor Vrchnej riaditeľky emisného odboru NBS pre stanovovanie námetov pamätných mincí	člen
	Nákupná komisia NBS Múzeum mincí a medailí	člen

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

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. Aktivity v orgánoch SAV

9.1. Členstvo vo Výbore Snemu SAV

9.2. Členstvo v Predsedníctve SAV a vo Vedeckej rade SAV

9.3. Členstvo v komisiách SAV

Ing. Ladislav Roller, PhD.

- Komisia SAV pre zahraničné styky (člen)

RNDr. Dušan Žitňan, DrSc.

- Komisia pre posudzovanie vedeckej kvalifikácie (člen)

9.4. Členstvo v orgánoch VEGA

prof. Ing. Ladislav Hamerlík, PhD.

- Komisia č. 4 pre biologické vedy (člen)

prof. PaedDr. Pavol Prokop, DrSc.

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

Ing. Ladislav Roller, PhD.

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

doc. RNDr. Ľubomír Vidlička, CSc.

- Komisia č. 4 pre biologické vedy (člen)

10. Starostlivosť o ľudské zdroje, rodovú rovnosť, pracovné a sociálne podmienky zamestnancov a uplatňovanie ich práv

10.1. Uplatňovanie princípov stratégie ľudských zdrojov HRS4R

Ústav zoológie SAV postupne zavádza princípy stratégie riadenia ľudských zdrojov HRS4R, ktoré sú kľúčové pre zabezpečenie efektívneho fungovania a dlhodobého rozvoja našej vedeckej inštitúcie. Implementácia týchto princípov je zameraná na prilákanie a udržanie kvalitných výskumníkov, čo je v kontexte slabého financovania vedy na Slovensku náročná, ale nevyhnutná úloha. Napriek týmto výzvam sa Ústavu podarilo nadviazať aktívnu spoluprácu a zamestnávať alebo školiť vedcov a študentov z rôznych krajín Európy, Ázie a Afriky.

Vytváranie stimulujúceho pracovného prostredia je ďalším dôležitým aspektom uplatňovania princípov HRS4R. Zabezpečenie optimálnych pracovných podmienok pre všetkých zamestnancov je trvalým cieľom vedenia ústavu. Ústav sa dlhodobo a úspešne zameriava na rozširovanie a modernizáciu výskumnej infraštruktúry a aktívne sa zapája do výziev, ktoré umožňujú materiálny rozvoj inštitúcie a podporujú spoluprácu a výmenu nápadov medzi zamestnancami.

Zameriavame sa tiež na to, aby princípy HRS4R boli zohľadňované vo všetkých aspektoch činnosti Ústavu zoológie SAV, vrátane náboru nových zamestnancov, hodnotenia výkonnosti, ich profesijného rozvoja a riadenia konfliktov. Otvorená a inkluzívna pracovná kultúra, kde sa každý zamestnanec cíti vypočutý, ocenený a motivovaný, je základom nášho úspechu.

Uved'te stručnú charakteristiku a hodnotenie aktivít v oblasti HRS4R.

10.2. Informácie o aktivitách súvisiacich s uplatňovaním princípov rodovej rovnosti

Ústav zoológie SAV sa hlási k hodnotám rodovej rovnosti vo výskume a odmieta akúkoľvek formu diskriminácie svojich zamestnancov na základe pohlavia, národnosti, rasy alebo sexuálnej orientácie. Princípy tejto politiky sú zakotvené v Pláne rodovej rovnosti SAV, ktorý je zverejnený na webovej stránke ústavu. Jeho zásady postupne implementujeme, najmä zavedenie postupov pre nahlasovanie a riešenie prípadov sexuálneho obťažovania a zohľadňovanie obdobia materskej/rodičovskej dovolenky a dlhobovej práceneschopnosti. V rámci tejto otvorenej a inkluzívnej praxe aktívne spolupracujeme a poskytujeme odborné vzdelávanie mnohým vedcom a študentom z rôznych krajín Európy, Ázie, USA a Afriky. Pri hodnotení našich zamestnancov a členov tímu sa zohľadňujú výlučne kritériá ako produktivita, kreativita, odbornosť, praktické zručnosti a motivácia učiť sa a rozvíjať nové techniky, ktoré môžu prispieť k získaniu zaujímavých a originálnych údajov. Podporujeme tiež rovnaké príležitosti a schopnosť komunikovať, spolupracovať, poskytovať pomoc a zdieľať vedomosti medzi členmi všetkých oddelení.

Stručné hodnotenie stavu uplatňovania princípov rodovej rovnosti v organizácii, súvisiace aktivity a opatrenia, návrhy na aktualizáciu Plánu rodovej rovnosti SAV.

10.2.1. Rodová skladba hlavných riešiteľov (vedúcich) projektov

Prípadný stručný komentár ako úvod (nepovinný).

Tabuľka 10a Rodová skladba hlavných riešiteľov domácich projektov

ŠTRUKTÚRA PROJEKTOV	Organizácia SAV je nositeľom projektu			Organizácia SAV je zmluvným partnerom		
	Počet	Hlavný riešiteľ		Počet	Hlavný riešiteľ za organizáciu	
		Muž	Žena		Muž	Žena
1. Projekty VEGA	10	6	4	7	4	3
2. Projekty APVV	7	3	4	3	2	1
3. Projekty EŠIF/OP ŠF, Plán obnovy EÚ	5	3	2	0	0	0
4. Projekty SASPRO, MoRePro, IMPULZ	1	0	1	0	0	0
5. Iné projekty (FM EHP, Vedecko-technické projekty, na objednávku rezortov a pod.)	3	1	2	0	0	0

Tabuľka 10b Rodová skladba hlavných riešiteľov medzinárodných projektov

ŠTRUKTÚRA PROJEKTOV	Organizácia SAV je nositeľom projektu			Organizácia SAV je zmluvným partnerom		
	Počet	Hlavný riešiteľ		Počet	Hlavný riešiteľ za organizáciu	
		Muž	Žena		Muž	Žena
1. Projekty Horizont 2020 a Horizont Európa	0	0	0	1	1	0
2. Projekty ERA.NET, ESA, JRP	0	0	0	0	0	0
3. Projekty COST	0	0	0	2	1	1
4. Projekty EUREKA, NATO, UNESCO, CERN, IAEA, IVF, ERDF a iné	0	0	0	1	1	0

5. Projekty v rámci medzivládnych dohôd	0	0	0	0	0	0
6. Bilaterálne projekty MAD, Mobility, Open Mobility	1	1	0	0	0	0
7. Bilaterálne projekty ostatné	2	0	2	0	0	0
8. Podpora MVTS z národných zdrojov (SAV, APVV a iné)	0	0	0	2	2	0
9. SAS-UPJŠ ERC Visiting Fellowship Grants	0	0	0	0	0	0
10. Iné projekty	0	0	0	0	0	0

10.2.2. Výskum zameraný na rodovú problematiku

Ústav zoológie SAV, v. v. i. nevykonáva výskum zameraný na rodovú problematiku.

Uved'te stručné, základné informácie o projektoch orientovaných na rodovú problematiku, ak organizácia takýto výskum realizuje. Informácie o financovaní a výsledkoch takýchto projektov sa nachádzajú v kapitole 2 a v prílohe A-3.

10.3. Informácie o pracovných a sociálnych podmienkach zamestnancov a uplatňovaní ich práv

Pracovné a sociálne podmienky zamestnancov sú upravené v Pracovnom poriadku ÚZ SAV, v. v. i. Na ústave pôsobí základná odborová organizácia, ktorá je členom Odborového zväzu SAV a má uzavretú kolektívnu zmluvu s vedením ústavu. Kolektívna zmluva poskytuje zamestnancom výhody nad rámec Zákonníka práce a vyšších kolektívnych zmlúv, ako napríklad príspevky do dôchodkového sporenia, jednorazový príspevok pri odchode zo zamestnania vo výške jedného platu, zvýšené príspevky na stravovanie a možnosť home office. Zástupca odborovej organizácie sa zúčastňuje zasadnutí ústavnej rady a spolu s vedením ústavu pracuje na vytváraní a zachovávaní vhodných pracovných a sociálnych podmienok a dodržiavaní bezpečnostných predpisov. Odborová organizácia tiež pomáha riešiť kolektívne i individuálne nároky zamestnancov.

Prostriedky zo sociálneho fondu zamestnancov ústavu sú čerpané na základe dohody medzi odborovou organizáciou a vedením ústavu. Tieto prostriedky sú použité na príspevky na stravovanie, dopravu do práce a na organizovanie spoločenských akcií pre zamestnancov.

Členská základňa odborovej organizácie je však v súčasnosti menšia a väčšinou staršia, a preto bude v budúcnosti potrebné ju rozšíriť a zvýšiť povedomie zamestnancov o jej význame.

Uved'te stručné, základné informácie k problematike.

11. Orgány v. v. i., ich skladba a činnosť, štrukturálne, organizačné a právne zmeny v organizácii

11.1. Správna rada - zloženie a základná informácia o činnosti

Predseda:

Ing. Ladislav Roller, PhD.

Členovia:

Mgr. Martina Gáliková, PhD.

prof. PaedDr. Pavol Prokop, DrSc.

Ing. Danko Sitarčíková

doc. RNDr. Ľubomír Vidlička, CSc.

Zasadnutia Správnej rady sa v roku 2024 uskutočnili v súlade s § 23 zákona č. 243/2017 Z.z. o verejnej výskumnej inštitúcii a v súlade s Rokovacím poriadkom Správnej rady Ústavu zoológie SAV, v. v. i.. V priebehu roka 2024 zasadala Správna rada 5 krát, v niektorých prípadoch bolo rokovanie uskutočnené per rollam.

Zasadnutie dňa 31.1.2024:

Správna rada rokovala o vnútorných predpisoch organizácie (volebný a nominačný poriadok na funkciu člena Vedeckej rady, Štatút, Organizačný poriadok) a následne po diskusii pristúpili k hlasovaniu.

Všetci členovia Správnej rady hlasovali za zmenu vnútorných predpisov a prijali tieto uznesenia:

Uznesenie č. 1: „*Správna rada Ústavu zoológie SAV, v. v. i. jednohlasne schvaľuje Štatút Ústavu zoológie SAV, v. v. i.*“.

Uznesenie č. 2: „*Správna rada Ústavu zoológie SAV, v. v. i. jednohlasne schvaľuje Organizačný poriadok Ústavu zoológie SAV, v. v. i.*“.

Uznesenie č. 3: „*Správna rada Ústavu zoológie SAV, v. v. i. schválila Volebný a nominačný poriadok na funkciu člena Vedeckej rady Ústavu zoológie SAV, v. v. i. v pomere hlasov 4:1.*“

Zasadnutie dňa 26.3.2024:

Správna rada rokovala o vnútorných predpisoch organizácie (volebný a nominačný poriadok na funkciu člena Vedeckej rady, Štatút, Organizačný poriadok) po vyjadreniach Vedeckej rady Ústavu zoológie SAV, v. v. i. a Dozornej rady Ústavu zoológie SAV, v. v. i. a následne po diskusii pristúpili k ich schváleniu. Všetci členovia Správnej rady súhlasili so znením vnútorných predpisov a prijali uznesenie:

Uznesenie č. 1: „*Správna rada Ústavu zoológie SAV, v. v. i. jednohlasne schvaľuje znenie vnútorných predpisov- Štatútu, Organizačného poriadku a Volebného a nominačného poriadku na funkciu člena vedeckej rady Ústavu zoológie SAV, v. v. i.*“.

Ďalej rokovali o rozpočte na rok 2024 a po diskusii rozpočet na rok 2024 jednohlasne schválili a prijali uznesenie:

Uznesenie č. 2: „*Správna rada Ústavu zoológie SAV, v. v. i. jednohlasne schvaľuje rozpočet na rok 2024*“.

Ďalej diskutovali:

- o voľbe člena Vedeckej rady Ústavu zoológie SAV, v. v. i. a priebehu volieb. Predseda Správnej rady informoval o skutočnosti, že Ústav zoológie SAV, v. v. i. figuruje ako spoločník vo firme Entomological Problems s.r.o. s 10%-ným podielom a možnosťou jeho prevodu
- o Akreditácii ministerstva „VER“ 2026
- o Výkonnostných zmluvách, ktoré mali byť uzavreté v priebehu roka 2024 a plneniu cieľov

- o Správe o činnosti organizácie za rok 2023. Ing. Sitarčíková informovala o odklade Daňového priznania za rok 2023 k 30.6.2024. K tomuto termínu bude vypracovaná aj účtovná závierka. Do 30.6.2024 máme povinnosť vypracovať Výročnú správu o činnosti a hospodárení za rok 2023.
- o popularizácii činnosti zamestnancov a vedeniu štatistík

Zasadnutie dňa 15.4.2024 per rollam:

Správna rada rokovala per rollam o schválení Účtovnej závierky Ústavu zoológie SAV, v. v. i za rok 2024 a prijala toto uznesenie:

Uznesenie č. 1: „*Správna rada Ústavu zoológie SAV, v. v. i. jednohlasne schvaľuje Účtovnú závierku Ústavu zoológie SAV, v. v. i. za rok 2023*“.

Organizácia volieb do Vedeckej rady dňa 24.4.2024:

Správna rada zorganizovala zasadnutie akademickej obce, na ktorom boli zvolení piati interní členovia a jeden externý člen Vedeckej rady.

Za interných členov Vedeckej rady boli v 1. kole zvolení Mgr. Ivana Daubnerová, PhD., prof. Ing. Ladislav Hamerlík, PhD., RNDr. Mária Kazimírová, CSc., PhD., RNDr. Juraj Koči, PhD., Mgr. Marek Semelbauer, PhD. a Mgr. Radovan Václav, PhD. a za externého člena bol zvolený Prof. RNDr. Michal Zeman, DrSc..

Za interného člena Vedeckej rady bol v 2. kole zvolený RNDr. Juraj Koči, PhD..

Zasadnutie dňa 21.6.2024 per rollam:

Správna rada rokovala per rollam o schválení Výročnej správy o činnosti a hospodárení verejnej výskumnej inštitúcie za rok 2023 a prijala toto uznesenie:

Uznesenie č. 1: „*Správna rada Ústavu zoológie SAV, v. v. i. schvaľuje Výročnú správu o činnosti a hospodárení verejnej výskumnej inštitúcie za rok 2023*“.

Zasadnutie dňa 19.11.2024 per rollam:

Správna rada rokovala per rollam o zmene vnútorných predpisov (Štatút a Organizačný poriadok) a prijala tieto uznesenia:

Uznesenie č. 1: „*Správna rada Ústavu zoológie SAV, v. v. i. schvaľuje Štatút Ústavu zoológie SAV, v. v. i.*“.

Uznesenie č. 2: „*Správna rada Ústavu zoológie SAV, v. v. i. schvaľuje Organizačný poriadok Ústavu zoológie SAV, v. v. i.*“.

11.2. Vedecká rada - zloženie a základná informácia o činnosti

Predsedníčka:

RNDr. Mária Kazimírová, CSc.

Interní členovia:

Mgr. Ivana Daubnerová, PhD.
 prof. Ing. Ladislav Hamerlík, PhD.
 RNDr. Juraj Koči, PhD.
 Mgr. Marek Semelbauer, PhD.
 Mgr. Radovan Václav, PhD.

Externí členovia:

Mgr. Ján Kautman (SNM – Prírodovedné múzeum v Bratislave)
 doc. Dr.rer.nat. Peter Vďačný, PhD. (Katedra zoológie, Prírodovedecká fakulta UK)
 prof. RNDr. Michal Zeman, DrSc. (Katedra živočíšnej fyziológie a etológie, Prírodovedecká fakulta UK)

Vedecká rada ÚZ SAV v. v. i., prešla v roku 2024 zásadnou zmenou svojho zloženia, ktorá zahŕňala zvýšenie počtu členov z 5 na 9 (6 interných a 3 externých), ako aj voľbu nových členov. Členovia VR, ešte v pôvodnom zložení, sa aktívne podieľali na vypracovaní návrhu volebného a nominačného poriadku na funkciu člena vedeckej rady ÚZ. Následne prediskutovali a schválili finálnu verziu tohto návrhu, ktorú predložila Správna rada ÚZ, vrátane požiadaviek kladených na kandidáta na interného člena VR ÚZ.

Voľby členov VR ÚZ sa uskutočnili 24. 4. 2024 počas stretnutia Akademickej obce (AO), pričom volených bolo všetkých deväť členov VR, keďže pôvodní členovia VR sa vzdali svojich funkcií. Internými členmi novej VR sa stali prof. Ing. Ladislav Hamerlík, PhD., Mgr. Radovan Václav, PhD., Mgr. Ivana Daubnerová, PhD., RNDr. Mária Kazimírová, CSc., RNDr. Juraj Koči, PhD. a Mgr. Marek Semelbauer, PhD. Z kandidátov na externých členov boli zvolení Mgr. Ján Kautman, doc. Dr.rer.nat. Peter Vďačný, PhD a prof. RNDr. Michal Zeman, DrSc. Nová VR si na svojom prvom zasadnutí 29. 4. 2024 zvolila za predsedníčku RNDr. Máriu Kazimírovú, CSc.

V roku 2024 zasadala VR celkovo 8 krát, a 8 krát hlasovala o návrhoch a dokumentoch *per rollam*. Na zasadnutiach VR boli prerokované podklady do Správy o činnosti organizácie SAV za rok 2023, ktorá bola následne schválená. Vedecká rada taktiež schválila Výročnú správu o činnosti a hospodárení ÚZ SAV za rok 2023, ako aj návrh zmien vo vnútorných predpisoch ÚZ SAV. Okrem toho hodnotila publikačnú činnosť a ďalšie vedecké výkony zamestnancov a doktorandov, schvaľovala nových školiteľov a školiteľov pre nové doktorandské študijné programy (ekológia a ochrana životného prostredia a genetika), ako aj témy dizertačných prác pre doktorandské študijné programy pre akademický rok 2024/2025 na Prírodovedeckej fakulte UK. VR sa ďalej vyjadrovala k návrhu riaditeľa na predĺženie končiacich pracovných zmlúv a k iným zmenám v úväzkoch vedeckých pracovníkov a doktorandov. Podieľala sa na výbere a nastavení merateľných ukazovateľov do výkonnostných zmlúv na obdobie 2024-2026. V súvislosti s voľbami nového predsedníctva SAV VR informovala akademickú obec (AO) o možnosti a podmienkach predkladania návrhov na vlastných kandidátov na pozíciu predsedu SAV aj členov Predsedníctva SAV a zorganizovala stretnutie AO za účelom vyjadrenia podpory navrhnutému kandidátovi na funkciu Predsedu SAV. Koncom roka VR rozhodla o obnovení pravidelných seminárov, na ktorých budú zástupcovia jednotlivých oddelení prezentovať zameranie a výsledky svojich projektov. VR taktiež vypracovala vyhlásenie k stavu riešenia environmentálnych výziev na Slovensku, ku ktorému sa ako signatári pridali aj vedecké rady ďalších troch biologicky zameraných pracovísk SAV.

11.3. Dozorná rada - zloženie a základná informácia o činnosti

Predseda:

prof. RNDr. Karol Marhold, DrSc.

Členovia:

prof. RNDr. Peter Fedor, DrSc.

Ing. Veronika Púčiková

Dozorná rada (DR) zasadala päť krát, v niektorých prípadoch bolo rokovanie uskutočnené *per rollam*. Záznam zo stretnutí:

26.2.-28.2.2024

Prebehli voľby predsedu Dozornej rady *per rollam*. Všetkými hlasmi bol za predsedu dozornej rady zvolený prof. RNDr. Karol Marhold, DrSc..

3.3.2024:

Dozorná rada prerokovala návrh zmien v Štatúte, Organizačnom poriadku, a Volebnom a nominačnom poriadku na funkciu člena Vedeckej rady ÚZ SAV, v.v.i. Zmeny sa týkali počtu členov a spôsobu ich voľby s cieľom zabezpečiť zastúpenie každého vedeckého oddelenia v rade.

23.5.2024:

Dozorná rada odsúhlasila nové znenie Rokovacieho poriadku DR ÚZ SAV, v.v.i., čím došlo k zosúladeniu s aktuálnymi legislatívnymi úpravami.

3.7.2024:

Dozorná rada rokovala o hospodárení a finančnom výsledku organizácie za predchádzajúci rok. Riaditeľ informoval o projektovej činnosti, personálnej politike, údržbe, opravách a investíciách do majetku a o pláne na bežný rok.

Uznesenie č. 1: Dozorná rada Ústavu zoológie SAV, v. v. i. prerokovala dňa 3. 7. 2024 predložené znenie Výročnej správy organizácie za rok 2023 a nemá zásadné pripomienky.

Uznesenie č. 2: Dozorná rada Ústavu zoológie SAV, v. v. i. súhlasí s uzavretím zmluvy, na základe ktorej bude vykonaný audit účtovnej závierky za rok 2024.

20.8.2024:

Dozorná rada odsúhlasila návrh riaditeľa na právne úkony s cieľom nadobudnutia majetku z projektu POO z výzvy Kapitálový booster pre schémy na podporu výskumu a vývoja.

30.10.2024:

Dozorná rada schválila návrh na zmluvu na prevod obchodného podielu Ústavu zoológie SAV, v. v. i., vo firme Entomological Problems s.r.o. Zároveň odsúhlasila zmenu vnútorných predpisov (Organizačného poriadku a Štatútu) ÚZ SAV, v. v. i., ktorá reflektuje zrušenie knižnice ako organizačnej jednotky.

23.11.2024

Dozorná rada rokovala o aktuálnom stave a plánoch organizácie, vrátane projektového a personálneho manažmentu, starostlivosti o majetok a priestorových problémoch ústavu. Riaditeľ informoval o hospodárení organizácie za rok 2024. Predseda DR podal informáciu o činnosti DR za rok 2023.

11.4. Informácie o štrukturálnych a organizačných zmenách v organizácii

Knižnica ústavu, evidovaná na Ministerstve kultúry SR pod číslom 3998/2000-400/0141, bola zrušená z dôvodu nedostatku personálu a financií, čo znemožňuje zabezpečiť pravidelné dopĺňanie, odborné spracovanie, ochranu, využívanie a sprístupňovanie knižničného fondu. V súvislosti so získaním Veľkého projektu pre excelentného výskumníka (Dr. Gáliková) došlo k personálnemu posilneniu oddelenia genetiky a ekofyziológie, ako aj ekonomického oddelenia. Počas roka 2024 neboli realizované ďalšie štrukturálne ani organizačné zmeny. Ústav pozostáva z piatich vedeckých oddelení a ekonomického oddelenia.

11.5. Zmeny zakladacej listiny, vnútorných predpisov organizácie alebo zakladateľa

26.3.2024 boli aktualizované Štatút, Organizačný poriadok a Volebný a nominačný poriadok na funkciu člena vedeckej rady. Aktualizácia sa týkala úpravy počtu členov a spôsobu voľby členov Vedeckej rady, s cieľom zabezpečiť zastúpenie všetkých vedeckých oddelení v rade.

Dňa 19. novembra 2024 bola do Štatútu a Organizačného poriadku zapracovaná zmena, ktorá spočívala v zrušení knižnice ústavu a následnej aktualizácii členenia Ekonomického oddelenia.

12. Činnosť knižnično-informačného pracoviska organizácie

12.1. Knižničný fond

Knižnica ústavu, evidovaná na Ministerstve kultúry SR pod číslom 3998/2000-400/0141, bola zrušená z dôvodu nedostatku personálu a financií, čo znemožňuje zabezpečiť pravidelné dopĺňanie, odborné spracovanie, ochranu, využívanie a sprístupňovanie knižničného fondu.

Tabuľka 12a Knižničný fond

Knižničné jednotky spolu		
z toho	knihy a zviazané periodiká	
	audiovizuálne dokumenty	
	elektronické dokumenty (vrátane digitálnych)	
	mikroformy	
	iné špeciálne dokumenty - dizertácie, výskumné správy	
	Rukopisy, vzácne tlače	
Počet titulov dochádzajúcich periodík		
z toho zahraničné periodiká		
Ročný prírastok knižničných jednotiek		
v tom	kúpou	
	darom	
	výmenou	
	bezodplatným prevodom	
	náhradou	
Úbytky knižničných jednotiek		
Knižničné jednotky spracované automatizovane		

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“.

12.2. Výpožičky a služby

Tabuľka 12b Výpožičky a služby

Výpožičky spolu (riadok 1)		
v tom z r. 1	prezenčné výpožičky	
	absenčné výpožičky	
v tom z r. 1	odborná literatúra pre dospelých	
	výpožičky periodík	
MVS iným knižniciam		
MVS z iných knižníc		

MMVS iným knižniciam	
MMVS z iných knižníc	
Počet vypracovaných bibliografií	
Počet vypracovaných rešerší	

12.3. Používatelia

Tabuľka 12c Používatelia

Registrovaní používatelia	
Návštevníci knižnice spolu (bez návštevníkov podujatí)	

12.4. Iné údaje

Tabuľka 12d Iné údaje

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

12.5. Iné informácie o knižničnej činnosti

13. Nadácie a fondy pri organizácii

14. Realizácia Koncepcie dlhodobého rozvoja a Akčného plánu organizácie

14.1. Odporúčania z posledného pravidelného (akreditačného) hodnotenia organizácií SAV

Hodnotenie ÚZ SAV v.v.i. akreditačnou komisiou bolo priaznivé, pričom ústav získal hodnotenie (A/B).

Silné stránky. Ústav sa neustále rozvíja a počas svojej 30-ročnej existencie dosiahol významné vedecké výsledky publikované v prestížnych vedeckých časopisoch a monografiách. Jeho vedecká produktivita má rastúci trend, čo sa odráža v kvantitatívnych aj kvalitatívnych ukazovateľoch publikačných výstupov. Počas hodnoteného obdobia 2016 – 2021 ústav dosiahol vysokú úroveň vedeckej činnosti, ktorá bola ocenená známkou A/B. Podobná úroveň – a v prípade citácií dokonca historicky najvyššia – bola zaznamenaná aj v rokoch 2023 a 2024. V rámci poslednej akreditácie ústavov SAV získal ÚZ SAV hodnotenie A/B aj za spoločenský, kultúrny a hospodársky dosah a za stratégiu a rozvojový potenciál.

Slabé stránky. Medzinárodná akreditačná komisia hodnotiaca činnosť ústavu v 2016-21 identifikovala niekoľko oblastí na zlepšenie: vysokú diverzitu a prekryv riešených tém; nižší podiel pracovníkov ÚZ SAV na najkvalitnejších publikačných výstupoch ústavu; nedostatočné financovanie z externých zdrojov - najmä z grantov ERC; nízka obsadenosť doktorandských pozícií a obmedzená úspešnosť v získavaní excelentných výskumníkov. Medzi ďalšie potenciálne slabiny patrili aj nízky počet aktuálne riešených rozvojových projektov (APVV a zahraničné granty) a starnúca infraštruktúra zadovážená prevažne z projektov predchádzajúceho programového obdobia ŠF EU.

Vedenie ústavu kladie veľký dôraz na odporúčania hodnotiaceho panelu a systematicky pracuje na implementácii opatrení na zvýšenie kvality vedeckých výstupov a doktorandského štúdia. Zlepšenie identifikovaných slabých stránok sa premietlo aj do záväzných ukazovateľov Výkonnostnej zmluvy SAV na roky 2024 - 2026. Naše úsilie smeruje k získavaniu domácich aj zahraničných projektov, ktoré by nám umožnili financovať ďalších vedeckých pracovníkov a rozšíriť výskumnú infraštruktúru. Projekt LIFE a projekty získané v schémach Plánu obnovy a odolnosti SR predstavujú príklady zdrojov, ktoré nám poskytnú finančné prostriedky na zamestnanie produktívnych vedcov, budovanie nových pracovísk a laboratórií a na nákup špičkových prístrojov. Podarilo sa nám tiež zvýšiť počet doktorandov a internacionalizovať výskumné prostredie. Rovnako venujeme veľkú pozornosť spolupráci s domácimi a zahraničnými odborníkmi, čo je kľúčové pre efektívne využívanie dostupných intelektuálnych a finančných zdrojov.

14.2. Hlavné body Akčného plánu organizácie a stav ich plnenia

1. Zvyšovanie kvality výstupov výskumu

Ústav dosahuje dlhodobo vynikajúce výsledky v oblasti výkonových parametrov publikačných výstupov (počet prác na vedeckého pracovníka, počet citácií, podiel publikácií v Q1 a Q2 časopisoch). Napriek tomu, na približne polovici z najkvalitnejších publikačných výstupov v predchádzajúcom akreditačnom období nebol podiel ústavu kľúčový. Cieľom vedenia je preto podporovať publikovanie v najkvalitnejších časopisoch (v prvom kvartile), pričom väčšinu podielu na publikáciách budú mať pracovníci ústavu. Na podporu zamestnancov sa využíva systém odmeňovania vedeckých pracovníkov, ktorý okrem impakt faktora a kvartilu vedeckých časopisov zohľadňuje aj podiel autora na publikácii (so zvýhodnením prvého a korešpondujúceho autora). Tento systém odmeňovania sa na ÚZ SAV dlhodobo uplatňuje a je nevyhnutné ho zachovať, prípadne vylepšiť. Veríme, že úspech v získavaní projektov v roku 2024 a následný nákup modernej infraštruktúry sa pozitívne prejaví na kvalite našich vedeckých výstupov.

Aj napriek ambícii dosahovať najvyššiu kvalitu vedeckých výsledkov vlastnou cestou je kľúčové, aby ÚZ SAV rozvíjal spoluprácu s renomovanými domácimi a zahraničnými inštitúciami a univerzitami, ktoré sa zameriavajú na podobné výskumné oblasti. Dobre riadená a koordinovaná spolupráca prináša nielen zaujímavé výsledky, ale aj príležitosti na získanie finančných prostriedkov

z medzinárodných zdrojov. Spolupráca a výmeny s medzinárodnými tímami sú často veľmi motivujúce, najmä pre mladých a perspektívnych pracovníkov. Vedenie ústavu tieto spolupráce podporuje čoho dôkazom sú úzke kontakty viacerých pracovníkov s pracoviskami v rôznych krajinách Európy, USA a Ázie.

2. Zvyšovanie kvality doktorandského štúdia

ÚZ SAV relatívne úspešný v získavaní nových talentovaných doktorandov nielen zo Slovenska, ale aj zo zahraničia, a to napriek intenzívnej konkurencii zo zahraničných univerzít, akademických inštitúcií a súkromného sektora. Hodnotiaci panel však upozornil na nízky počet dokončených dizertačných prác – v poslednom akreditačnom období (za 6 rokov) ich bolo ukončených len 10. Preto budeme aktívne podporovať a motivovať školiteľov k intenzívnejšej a efektívnejšej pedagogickej činnosti na partnerských univerzitách vrátane náboru a školenia perspektívnych bakalárov a diplomantov. Výber školiteľov sa riadi jasne definovanými kritériami, ktoré sú uvedené v Akčnom pláne a štatúte Vedeckej rady. Tá zohráva kľúčovú úlohu pri hodnotení kvality dizertačných prác a efektivity spolupráce medzi doktorandmi a ich školiteľmi. Pre udržanie kvality doktorandského štúdia bude nevyhnutné podporovať organizovanie seminárov pre doktorandov a mladých vedeckých pracovníkov a podnecovať účasť na zahraničných vedeckých pobytoch, konferenciách a tréningových programoch pre doktorandov (napr. Doktogranty). V roku 2024 došlo k nárastu počtu prijatých doktorandov - na ÚZ SAV nastúpili dvaja domáci a jeden zahraničný študent.

3. Kariérny rast postdoktorandov a výskumníkov

Jednou z hlavných priorít vedenia ústavu je udržanie talentovaných a úspešných doktorandov po ukončení ich štúdia. Zároveň je nevyhnutné vytvoriť atraktívne mzdové podmienky na flexibilné prijímanie produktívnych vedeckých pracovníkov, najmä tých, ktorí sa vracajú zo zahraničia a často požadujú konkurencieschopné finančné ohodnotenie. Veríme, že súčasná mzdová politika SAV nebude prekážkou pri budovaní dlhodobých pracovných pozícií pre špičkových vedcov.

ÚZ SAV preto podporilo žiadosti o financovanie v rámci výzvy „Štipendia pre excelentných výskumníkov a výskumníčky (R2-R4)“, ktorú podali štyria vedeckí pracovníci ústavu. Z týchto žiadostí tri získali finančnú podporu a pričom dva sú implementované (R2 – Dr. Sendi; R3 – Dr. Klepsatel). Štipendium R4 však nebolo prijaté, pretože jeho držiteľ (Dr. Gáliková) úspešne získal aj financovanie z Veľkého projektu pre excelentného výskumníka a ERC preklenovací grant, pričom tieto podporené schémy nie je možné kombinovať.

V roku 2024 boli prijatí dvaja noví postdoktorandi. Z radov starších postdoktorandov jeden získal R2 štipendia z Plánu obnovy a odolnosti SR a druhý absoluuje viacročný výskumný pobyt v Litve.

4. Zvyšovanie úspešnosti SAV v programoch ERA osobitne Horizont 2020

V minulosti boli pracovníci ÚZ SAV mimoriadne úspešní v získavaní zahraničných výskumných projektov financovaných z EÚ (3., 4., 5., 6. a 7. rámcový program EÚ, Alpe 2, MOLAR, EMERGE, STAR, ICCTD3, EDEN, EDENext, Interreg, LIFE) aj USA (tri granty z National Institutes of Health). V súčasnosti naši pracovníci riešia medzinárodné projekty UNESCO a významný projekt LIFE, ktorý zabezpečil rozvojové financovanie na 6 rokov. Na ÚZ SAV sa taktiež realizuje projekt z programu MoRePro. V roku 2024 sme sa zapojili do programu Horizont Europe, konkrétne do výzvy BIODIVERSA-PLUS, ako aj do konzorcia na riešenie projektu v rámci Interreg Danube Region. V rámci Plánu obnovy a odolnosti SR získal náš výskumník, Dr. Gáliková, preklenovací grant, ktorý slúži na prípravu opätovnej žiadosti do ERC. V budúcnosti budeme aktívne usilovať o ďalšie medzinárodné projekty financované z programov EÚ a iných prestížnych grantových schém.

5. Projekty VEGA a APVV

Ústav zoológie SAV, v. v. i., je mimoriadne úspešný v získavaní grantov z VEGA a APVV. Aktuálne sme hlavnými riešiteľmi 10 projektov VEGA a spoluriešiteľmi ďalších 7. V rámci APVV sme získali financovanie pre 8 projektov ako hlavní riešitelia a 2 projekty ako spoluriešitelia. V roku 2024 podali

vedeckí pracovníci ústavu 2 žiadosti v rámci grantových schém APVV MPV 2024 a VV 2024. Na projektoch VEGA sú naši vedeckí zamestnanci zapojení na plnú riešiteľskú kapacitu, pričom v roku 2025 očakávame zvýšenie ich účasti na projektoch APVV. Keďže vedenie alebo účasť na projektoch financovaných z domácich zdrojov (VEGA, APVV) patrí medzi základné povinnosti každého vedeckého pracovníka, ústav nevypracováva špecifický strategický plán na ich získavanie.

6. Manažment ústavu

Po transformácii organizácie na v. v. i. pozostáva ÚZ SAV z piatich dobre etablovaných oddelení, ktoré sa venujú rôznym aspektom ekológie, fyziológie, parazitológie, biochémie, genetiky a molekulárnej biológie na širokom spektre bezstavovcov a stavovcov. Aktuálnou výzvou pre manažment ústavu je zabezpečenie adekvátnych priestorov a ľudských zdrojov na efektívnu realizáciu získaných rozvojových výskumných projektov.

7. Nakladanie s duševným vlastníctvom

Ústav zoológie SAV, v. v. i., má za sebou úspešnú históriu v získavaní projektov aplikovaného výskumu. Niektoré z aktuálne riešených výskumných tém, najmä v oblastiach ochrany prírody, biodiverzity a zdravia ľudí a zvierat, majú významný potenciál na praktické využitie.

V súčasnosti je aktívny patent „Novel thrombin inhibitors“ (PCT/SG2016/050278), ktorý bol podaný vo viac ako 15 krajinách po celom svete, vrátane EÚ, Indie, Číny a USA. Medzi pôvodcov tohto patentu patria aj dvaja pracovníci Ústavu zoológie SAV, Mária Kazimírová a Ladislav Roller, pričom Ústav zoológie SAV je spoluvlastníkom patentu.

8. Financovanie a riadenie výskumných infraštruktúr

Vedenie ústavu spolu s Vedeckou radou pravidelne monitoruje využitie nových prístrojov a aktívne odstraňuje identifikované nedostatky. Niektoré z týchto prístrojov sú využívané aj kolegami z iných ústavov SAV a univerzít. Na našej webovej stránke sme zverejnili informácie o možnostiach využitia týchto významných prístrojov pre záujemcov z vedeckej obce SAV aj z ostatných výskumných inštitúcií.

V roku 2024 sme úspešne získali projekty z výziev z Plánu obnovy a odolnosti Slovenskej republiky, ako sú Veľké projekty pre excelentných výskumníkov (4 projekty) a Kapitálový booster pre schémy na podporu výskumu a vývoja (1 projekt). Tieto iniciatívy spolu s bežiacim LIFE projektom môžu významne prispieť k modernizácii výskumnej infraštruktúry na ÚZ SAV v budúcnosti.

14.3. Aktualizácia Akčného plánu organizácie v roku 2024

Vedenie ÚZ SAV venuje značné úsilie a čas na systematický rozvoj všetkých vedeckých odvetví riešených na tomto pracovisku. Kľúčovým cieľom je získavanie nových, motivovaných a produktívnych pracovníkov, ktorí dokážu uspieť aj v medzinárodnej konkurencii. Neoddeliteľnou súčasťou vedeckej činnosti na ÚZ SAV je získavanie domácich a zahraničných projektov, ako aj výchova študentov a doktorandov. Pre udržanie plynulého chodu laboratórií a ďalší rozvoj výskumu je nevyhnutné podporovať pracovníkov ústavu pri zapájaní sa do novovznikajúcich domácich a medzinárodných výskumných tímov, ktoré majú potenciál získať finančné prostriedky zo zdrojov EÚ. Tieto strategické ciele sa premietnu do aktualizovanej stratégie ústavu, ktorá bude vypracovaná najneskôr do 30. júna 2025 v rámci záväzkov Výkonnostnej zmluvy 2024 – 2026.

15. Iné významné činnosti organizácie

16. Poskytovanie informácií v súlade so zákonom o slobodnom prístupe k informáciám

Uveďte informácie v súlade so zákonom č. 211/2000 Z.z. o slobodnom prístupe k informáciám.

17. Problémy organizácie a podnety pre Predsedníctvo SAV k činnosti SAV ako celku

Vedenie ústavu v spolupráci s Predsedníctvom SAV (P SAV) aktívne pracuje na odstránení kľúčových prekážok, ktoré brzdia rozvoj pracovísk Slovenskej akadémie vied. Medzi tieto prekážky patria:

1. Nestabilné a neefektívne financovanie vedy v SR, ktoré sa prejavuje obmedzenými možnosťami získania rozvojových projektov a nedostatočným mzdovým ohodnotením z domácich zdrojov.
2. Vysoká administratívna záťaž, ktorá sa transformáciou na verejné výskumné inštitúcie neznížila.

ÚZ SAV navyše po získaní projektov z Plánu obnovy a odolnosti (POO) a APVV čelí nedostatku priestorov. Tento problém sa môže ešte prehĺbiť v prípade získania ďalšej podpory z výzvy Transformačné a inovačné konzorciá, v ktorej máme podané dve žiadosti. S novým P SAV preto budeme hľadať riešenia, ako zabezpečiť dodatočné priestory alebo zvážiť nadstavbu budovy.

Pozitívnym krokom P SAV je pravidelné hodnotenie organizácií SAV medzinárodným hodnotiacim panelom. Tento proces sa však čiastočne prekrýva s periodickým hodnotením výskumnej, vývojovej, umeleckej a ďalšej tvorivej činnosti (VER 2026), organizovaným MŠVaM SR. Administratívnu záťaž navyše zvyšuje implementácia projektov z Plánu obnovy, ktoré realizujeme v spolupráci s Výskumnou agentúrou. V praxi sa však stretávame s administratívnymi komplikáciami a priet'ahmi, ktoré sťažujú plynulé čerpanie finančných prostriedkov. Zlepšenie informovanosti a usmerňovanie zo strany Ekonomicko-technického odboru Úradu SAV v oblasti legislatívy a rozpočtovania by mohlo prispieť k zmierneniu týchto problémov.

Vítame zavedenie výkonnostných zmlúv a podporujeme zvýšenie podielu výkonového financovania v rámci mzdového rozpočtu ústavu. Obe tieto opatrenia považujeme za účinné motivačné nástroje na zlepšenie vedeckej činnosti organizácií SAV.

Napriek tomu ÚZ SAV naďalej vníma súčasný spôsob pridel'ovania mzdových prostriedkov ako spôsob, ktorý je v rozpore s deklarovanou možnosťou flexibilného využívania financií po transformácii na verejné výskumné inštitúcie. Táto situácia bráni manažmentu organizácie vytvárať finančné rezervy či motivačné programy, ktoré by pomohli riešiť slabé stránky organizácie.

Zároveň by sme ocenili zriadenie servisného pracoviska na podporu administratívnych činností organizácií SAV. S rastúcim počtom veľkých projektov získaných z výziev Plánu obnovy a odolnosti SR sa potreba takéhoto pracoviska stáva čoraz naliehavejšou.

V súvislosti s prípravou správy a vykazovaním publikácií a citácií by sme uvítali vylepšenie vyhľadávania na informačnej stránke pracovníka SAV, aby bolo možné zobrazit' všetky citácie (ohlasy) pracovníka za konkrétny rok, rovnako ako je možné zobrazit' aj jeho publikačné výstupy za daný rok.

Uved'te informácie a podnety v súlade s názvom kapitoly.

18. Vyjadrenia vedeckej rady organizácie k výsledkom výskumnej činnosti za uplynulý rok

Vedecká rada Ústavu zoológie SAV, v. v. i. (ďalej VR) hodnotila výsledky výskumnej činnosti inštitúcie a jej spôsobilosť vykonávať výskumnú činnosť na základe porovnania kvantity a kvality vedeckých prác publikovaných v roku 2024 s publikačnou aktivitou organizácie v predchádzajúcich rokoch. Vo svojom hodnotení tiež zohľadnila úroveň a počet výskumných projektov riešených zamestnancami Ústavu zoológie SAV, v. v. i., ako aj kvalitu výstupov riešených projektov.

V roku 2024 bolo v impaktovaných časopisoch publikovaných celkovo 50 pôvodných vedeckých prác, z toho 45 prác v zahraničných impaktovaných časopisoch (ADCA, ADMA) a 5 prác v domácich impaktovaných časopisoch (ADDA) (Tabuľka 1). Celkový počet publikácií bol najvyšší za posledných päť rokov. Podiel prác vo vedeckých časopisoch s kvartilom SJR Q1 a Q2 bol v roku 2024 takisto najvyšší (45 publikácií) za posledné roky, avšak počet publikácií, na ktorých pracovníci ústavu figurujú ako prví alebo korešpondujúci autori, klesol na 25 (Tabuľka 2).

Podiel publikácií v Q1 a Q2 časopisoch, na ktorých pracovníci ústavu tvorili aspoň 50% autorského kolektívu, bol 26% (13 z celkového počtu 50 prác), čo je v porovnaní s rokom 2023 pokles o 21%. Podiel publikácií s prevahou zahraničných autorov bol 36% (18 prác). Podiel prác publikovaných vo vydavateľstve MDPI bol 12% (6 prác).

Kolísanie podielu domácich a zahraničných autorov na publikáciách v priebehu viacerých rokov je prirodzený jav, napriek tomu však VR naďalej považuje za dôležité podporovať kvalitný výskum, ktorého kľúčovými riešiteľmi sú kmeňoví zamestnanci inštitúcie, a ktorý vzniká z významnej časti na pôde ústavu. Na druhej strane však VR pozitívne hodnotí aj zapojenie vedeckých pracovníkov ústavu do medzinárodných spoluprác, najmä ich prvé, korešpondenčné, či posledné („senior author“) autorstvo na publikáciách, v ktorých dominuje zastúpenie zahraničných autorov, pretože to odzrkadľuje medzinárodné uznanie ich vedeckej práce a kvality.

Na udržanie a ďalšie zvyšovanie kvality výskumnej činnosti inštitúcie VR odporúča uskutočňovať pravidelné a systematické hodnotenie vedeckej aktivity jednotlivých vedeckých pracovníkov ústavu v 4–5 ročných intervaloch. Pri prijímaní nových zamestnancov navrhuje uprednostňovať vedeckých pracovníkov, ktorí budú väčšinu svojho pracovného času fyzicky prítomní na pracovisku ÚZ a budú sa aktívne podieľať na vedeckej a pedagogickej činnosti. VR nepovažuje za optimálne prijímanie pracovníkov, zároveň pôsobiacich aj na iných inštitúciách alebo organizáciách, len na základe spolupráce na niektorých projektoch inštitúcie. VR odporúča pravidelne monitorovať celkový prínos takýchto pracovníkov pre vedecký rozvoj ústavu a v prípade potreby prehodnotiť predĺženie ich úväzkov.

V roku 2024 bola na 100% úväzok prijatá jedna absolventka doktorandského štúdia (DŠ), ktorá realizovala svoju dizertačnú prácu na Univerzite Komenského pod vedením školiteľa z Prírodovedeckej fakulty UK, a ktorá bola zapojená do projektu plánu obnovy. VR odporúča prijímať na pracovisko prednostne osvedčených absolventov DŠ, ktorí realizovali svoje dizertačné práce na ústave, a sú už etablovaní vo svojich riešiteľských kolektívoch a teda majú dobrý potenciál pomerne rýchlo začať prispievať k publikačným výstupom pracoviska. VR odporúča podporovať a dohliadať na ich profesijný rast a postupné zvyšovanie vedeckej kvalifikácie. Pri prijímaní skončených doktorandov a vedeckých pracovníkov z iných domácich alebo zahraničných inštitúcií VR taktiež odporúča dôsledne prehodnotiť ich vedecký profil, ako aj hodnotenia a odporúčania z predchádzajúcich pracovísk.

Tabuľka 1. Počet publikačných výstupov ÚZ SAV, v. v. i., v jednotlivých kategóriách za posledných päť rokov.

	2020	2021	2022	2023	2024
AAA	2	1	-	-	1
AAB	1	1	-	-	
ABA	-	2	2	-	
ABB	1	-	-	-	
BAB					1
ADCA	35	33	34	32	35
ADDA	5	5	6	6	5
ADEB					1
ADFB					9
ADMA	5	5	7	6	10
ADNA	-	-	1	-	
Impaktované publ. spolu	45	43	48	44	50

Tabuľka 2. Kvalitatívne ukazovatele publikačnej činnosti ÚZ SAV, v. v. i., za posledných päť rokov

Ukazovateľ (počet)	2020	2021	2022	2023	2024
Vedeckí odborní výskumní vývojoví zamestnanci (celoročný priemer)	27	30	33	31	32,2
Impaktované práce	45	43	48	44	50
Prvý alebo korešp. autor v IF prácach	19	21	25	29	25
Q1 a Q2 práce SJR	36	29	31	38	45
Citácie WOS a SCOPUS	1806	1786	2372	2309	2009

Na Ústave zoológie SAV, v. v. i., bolo v roku 2024 riešených sedemnást projektov VEGA (z toho sedem, v ktorých bol ÚZ spoluriešiteľskou organizáciou), desať projektov APVV (v troch bol ÚZ spoluriešiteľskou organizáciou), päť projektov EŠIF/OP ŠF - Plán obnovy EÚ, jeden projekt MoRePro, jeden projekt Horizont Európa (The European Biodiversity Partnership, ÚZ ako spoluriešiteľ), jeden projekt LIFE (ÚZ ako spoluriešiteľ), jeden UNESCO, tri bilaterálne (dve SAIA, jeden Mobility) a jeden PostdokGrant. Poskytnuté bolo aj jedno štipendium pre excelentných výskumníkov ohrozených vojnovým konfliktom na Ukrajine. Pracovníci ústavu boli zapojení do dvoch projektov COST. Viaceré projekty z domácich agentúr (dva APVV, päť VEGA projektov) a projekt MoRePro boli v roku 2024 ukončené.

Vedeckí pracovníci ÚZ podali v roku 2024 tri žiadosti v rámci grantových schém: APVV MVP 2024 a APVV VV 2024.

Vzhľadom na počet zamestnancov ÚZ považuje VR počet bežiacich projektov za dostatočný. Apeluje však na angažovanosť jednotlivcov, aj kolektívov pri podávaní žiadostí na získanie medzinárodných projektov v programoch EÚ, aby bolo priebežne zabezpečené dostatočné financovanie výskumných

aktivít pracoviska, a tiež posilnená spolupráca s inými inštitúciami alebo praxou. Vzhľadom na obmedzené personálne a priestorové kapacity ústavu VR odporúča vedeniu ÚZ dôsledne prehodnotiť možnosti riešenia nových projektov, ktoré sú náročné na personál a priestory.

Pracovisko sa vyznačuje pomerne kvalitnou a modernou prístrojovou infraštruktúrou (napr. konfokálny mikroskop, digitálna PCR), ktorá bola zadovážená predovšetkým vďaka projektom z predchádzajúceho programového obdobia ŠF EU. Schválenie nových projektov v rámci Plánu obnovy otvorili možnosť pre jej ďalšiu modernizáciu. Udržiavanie a ďalší rozvoj priestorovej a prístrojovej infraštruktúry ústavu by mal zodpovedať aktuálnym potrebám a vedeckovýskumnej profilácii ústavu. Pre ďalší rozvoj ústavu je nevyhnutné pokračovať v úspešnom získavaní európskych a medzinárodných projektov.

Záverom Vedecká rada konštatuje, že Ústav zoológie SAV, v. v. i., je spôsobilý vykonávať výskumnú činnosť a vedecko-výskumné parametre si zatiaľ udržiava na porovnateľnej úrovni ako predchádzajúce roky. Stredno- a dlhodobým cieľom ústavu by však malo byť zlepšovanie všetkých výkonnostných parametrov a to predovšetkým podporovaním kmeňových výskumných kolektívov, orientáciou na kvalitu výstupov, zapájaním sa do domácich a medzinárodných vedeckých projektov a konzorcií, ako aj výchovou a podporovaním kariérneho rastu mladých perspektívnych vedeckých pracovníkov.

Schválila vedecká rada organizácie SAV dňa 6. 2. 2025

RNDr. Mária Kazimírová, CSc.
predsedníčka vedeckej rady

Uvádzať tu stručné rámcové hodnotenie výsledkov výskumnej činnosti schválené vedeckou radou organizácie a jej vyjadrenie k spôsobilosti organizácie vykonávať výskumnú činnosť.

Výročnú správu o činnosti organizácie za rok 2024 vypracoval(i):

Mgr. Igor Kokavec, PhD., 02/5930 2612

Ing. Ladislav Roller, PhD., 02/5930 2640

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

Bratislava, 7.2.2025

Ing. Ladislav Roller, PhD.

riaditeľ organizácie

PRÍLOHY k časti A

Príloha A-1

Zoznam zamestnancov a doktorandov organizácie k 31.12.2024

Zoznam zamestnancov podľa štruktúry

	Meno s titulmi	Úväzok (v %)	Ročný prepočítaný úväzok
Vedúci vedeckí pracovníci DrSc.			
1.	prof. RNDr. Oto Majzlan, PhD.	10	0.10
2.	prof. PaedDr. Pavol Prokop, DrSc.	50	0.50
3.	doc. RNDr. Michal Stanko, DrSc.	30	0.30
4.	RNDr. Dušan Žitňan, DrSc.	100	1.00
Samostatní vedeckí pracovníci			
1.	RNDr. Alžbeta Darolová, CSc.	100	1.00
2.	Mgr. Ivana Daubnerová, PhD.	100	1.00
3.	MVDr. Markéta Derdáková, PhD.	30	0.27
4.	MVDr. Yuliya Didyk, PhD.	100	1.00
5.	Mgr. Martina Gáliková, PhD.	100	1.00
6.	prof. Ing. Ladislav Hamerlík, PhD.	80	0.80
7.	RNDr. Mária Kazimírová, CSc.	100	1.00
8.	Mgr. et Mgr. Peter Klepsatel, PhD.	100	1.00
9.	RNDr. Juraj Kočí, PhD.	80	0.80
10.	RNDr. Ján Krištofik, CSc.	60	0.60
11.	Mgr. Pavol Littera, PhD.	50	0.50
12.	Mgr. Barbara Mangová, PhD.	100	1.00
13.	RNDr. Peter Mašán, PhD.	100	1.00
14.	Mgr. Veronika Michalková, PhD.	100	0.33
15.	Ing. Ladislav Roller, PhD.	100	1.00
16.	Mgr. Veronika Rusňáková Taragel'ová, PhD.	100	1.00
17.	Mgr. Diana Selyemová, PhD.	100	1.00
18.	Mgr. Marek Semelbauer, PhD.	100	1.00
19.	RNDr. Mirko Slovák, CSc.	10	0.10
20.	RNDr. Peter Takáč, CSc.	30	0.25
21.	Mgr. Radovan Václav, PhD.	100	1.00
22.	doc. RNDr. Ľubomír Vidlička, CSc.	100	1.00

23.	Mgr. Peter Vršanský, PhD.	60	0.60
Vedecí pracovníci			
1.	Mgr. Michal Chvostáč, PhD.	100	1.00
2.	Mgr. Vanda Klöcklerová, PhD.	100	1.00
3.	RNDr. Kamila Koči, PhD.	40	0.40
4.	Mgr. Igor Kokavec, PhD.	100	0.50
5.	Mgr. Matej Medla, PhD.	100	1.00
6.	RNDr. Tomáš Navara, PhD.	100	0.50
7.	Mgr. Ammara Nawaz, PhD.	100	0.25
8.	Ing. Tomáš Olšovský, PhD.	100	0.84
9.	Mgr. Emanuel Procházka, PhD.	100	1.00
10.	Mgr. Petra Rajská, PhD.	80	0.80
11.	Mgr. Hemen Sendi, PhD.	100	1.00
12.	RNDr. Daniel Sojka, PhD.	50	0.50
13.	Mgr. Lucia Šmídová, PhD.	80	0.40
14.	Mgr. Alžbeta Šujanová, PhD.	40	0.23
15.	Mgr. Veronika Urbanová, PhD.	50	0.50
16.	Mgr. Olha Zhovnerchuk, PhD.	50	0.72
Odborní pracovníci s VŠ vzděláním (výzkumní a vývojoví zaměstnanci)			
1.	Mgr. Diana Knoblochová	20	0.15
2.	Mgr. Andrea Koblišková	50	0.82
3.	Mgr. Emanuel, Manfred Makwisa	10	0.02
4.	Mgr. Šimon Marko	20	0.16
5.	Mgr. Sanjay Ramnarayan Yadav	30	0.25
Odborní pracovníci s VŠ vzděláním (ostatní zaměstnanci)			
1.	Bc., Ing. Mária Lindorová	20	0.20
2.	Mgr. Dagmar Práznovská	100	1.00
3.	Bc. Soňa Privalincová	50	0.12
4.	Ing. Danko Sitarčíková	100	1.00
5.	Ing. Jana Zverková	100	0.16
Odborní pracovníci ÚSV			
1.	Alexander Baranovič	150	1.50
2.	Bc. Andrej Boroš	100	1.00
3.	Lýdia Drinková	100	1.00
4.	Bc. Michal Fečák	100	0.71

5.	Bc. Filip Kornhauser	100	0.30
6.	Daniel Kosa	100	1.00
7.	Johana Krempaská	100	1.00
8.	Jana Kušnírová	100	1.00
9.	Elena Syed	100	0.33
10.	Slávka Vojteková	100	0.50
11.	Eva Vráblová	100	1.00
Ostatní pracovníci			
1.	Pavol Haris	100	0.38
2.	Zuzana Pelikánová	100	1.00
3.	Kristina Hanna Stohl	50	0.15
4.	Noema Šichulová	50	0.10

Zoznam zamestnancov, ktorí odišli v priebehu roka

	Meno s titulmi	Dátum odchodu	Ročný prepočítaný úväzok
Samostatní vedeckí pracovníci			
1.	Ing. Zbyšek Šustek, CSc.	14.2.2024	0.01
Vedeckí pracovníci			
1.	Mgr. Lucia Šmídová, PhD.	31.12.2024	0.40
Ostatní pracovníci			
1.	Noema Šichulová	31.12.2024	0.10

Zoznam doktorandov

	Meno s titulmi	Škola/fakulta	Študijný odbor
Interní doktorandi hrazení z prostředků SAV			
1.	Mgr. Emma Buchová	Přírodovědecká fakulta UK	1536 biologie
2.	MSc. Branislav Endel	Přírodovědecká fakulta UK	1610 ekologické a environmentální vedy
3.	Mgr. Diana Knoblochová	Přírodovědecká fakulta UK	1536 biologie
4.	Mgr. Andrea Koblišková	Přírodovědecká fakulta UK	1536 biologie
5.	MSc. Emanuel, Manfred Makwisa	Přírodovědecká fakulta UK	1536 biologie
6.	Mgr. Slávka Purgatová	Přírodovědecká fakulta UK	1536 biologie
7.	Mgr. Ján Samay	Přírodovědecká fakulta UK	1536 biologie
8.	Mgr. Jozefína Theissová	Přírodovědecká fakulta UK	1536 biologie
Interní doktorandi hrazení z jiných zdrojů			

1.	MSc. Sanjay Ramnarayan Yadav	Prírodovedecká fakulta UK	1536 biológia
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 %)

Zoznam emeritných vedeckých zamestnancov

	Meno s titulmi

Príloha A-2

Projekty riešené v organizácii

Medzinárodné projekty

Programy: COST

1.) Prevencia, predvídanie a zmierňovanie rizika ochorení prenášaných kliešťami pomocou protokolu DAMA (*Prevention, anticipation and mitigation of tick-borne disease risk applying the DAMA protocol*)

Zodpovedný riešiteľ: Mária Kazimírová
Trvanie projektu: 18.10.2022 / 17.10.2026
Evidenčné číslo projektu: CA21170
Organizácia je koordinátorom projektu: nie
Koordinátor: Centre for Ecological Research
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: -

Dosiahnuté výsledky:

2.) Sieť pre výskum malárie u divožijúcich živočíchov (*Wildlife malaria network*)

Zodpovedný riešiteľ: Radovan Václav
Trvanie projektu: 1.9.2023 / 30.9.2027
Evidenčné číslo projektu: CA22108
Organizácia je koordinátorom projektu: nie
Koordinátor: University of Lincoln, UK
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: -
Podpora medzinárodnej spolupráce z národných zdrojov: 2000 €

Dosiahnuté výsledky:

Programy: UNESCO

3.) 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 nie

koordinátorom projektu:
Koordinátor: Ústav vied o Zemi SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: -

Dosiahnuté výsledky:

Programy: Bilaterálne - iné

4.) Improving the surveillance of zoonotic pathogens associated with bats in Central Europe

Zodpovedný riešiteľ: Mária Kazimírová
Trvanie projektu: 1.3.2024 / 28.2.2025
Evidenčné číslo projektu: 5001
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 1 - Rakúsko: 1
Čerpané financie: SAIA: 1880 €

Dosiahnuté výsledky:

5.) Využitie systému umelého krmenia kliešťov ako nástroj v štúdiu interakcií boréliea-kliešť (Assessing an artificial tick feeding system as a tool in the study of borrelia-tick interactions)

Zodpovedný riešiteľ: Vanda Klöcklerová
Trvanie projektu: 4.3.2024 / 28.2.2025
Evidenčné číslo projektu: áno
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 1 - Rakúsko: 1
Čerpané financie: SAIA: 3380 €

Dosiahnuté výsledky:

Programy: LIFE

6.) Zavedenie overených postupov ochrany motýľov v strednej a východnej Európe (Developing best practices in butterfly conservation in Central and Eastern Europe)

Zodpovedný riešiteľ: Dušan Žitňan
Trvanie projektu: 1.9.2022 / 31.3.2029
Evidenčné číslo projektu: 101074487
Organizácia je koordinátorom projektu: nie

Koordinátor:	Bratislavské regionálne ochrannárske združenie
Počet spoluriešiteľských inštitúcií:	0
Čerpané financie:	EÚ: 16021 € Podpora medzinárodnej spolupráce z národných zdrojov: 4792 €

Dosiahnuté výsledky:

Programy: Mobility

7.) Vývoj nového biotického paleoklimatického proxy založeného na vzťahu veľkosti-teplotny subfosilných pakomárov (Insecta, Diptera, Chironomidae) (Developing novel biotic paleoclimate proxy based on size - temperature clines of subfossil non-biting midges (Insecta, Diptera, Chironomidae))

Zodpovedný riešiteľ:	Ladislav Hamerlík
Trvanie projektu:	1.1.2024 / 31.12.2025
Evidenčné číslo projektu:	53100001
Organizácia je koordinátorom projektu:	áno
Koordinátor:	Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií:	0
Čerpané financie:	SAV: 5000 €

Dosiahnuté výsledky:

Programy: Horizont Európa

8.) The European Biodiversity Partnership

Zodpovedný riešiteľ:	Ladislav Roller
Trvanie projektu:	27.11.2024 / 30.9.2028
Evidenčné číslo projektu:	101052342
Organizácia je koordinátorom projektu:	nie
Koordinátor:	FONDATION FRANCAISE POUR LA RECHERCHE SUR LA BIODIVERSITE
Počet spoluriešiteľských inštitúcií:	0
Čerpané financie:	European Research Executive Agency: 15352 €

Dosiahnuté výsledky:

Domáce projekty

Programy: VEGA

1.) Pondy v mestskom prostredí - biodiverzita, nepôvodná biota a ekologická kvalita

Zodpovedný riešiteľ: Tomáš Čejka
Zodpovedný riešiteľ v organizácii SAV: Ladislav Hamerlík
Trvanie projektu: 1.1.2022 / 31.12.2025
Evidenčné číslo projektu: 2/0044/22
Organizácia je koordinátorom projektu: nie
Koordinátor: Centrum biológie rastlín a biodiverzity SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 3200 €

Dosiahnuté výsledky:

2.) Stanovenie funkcií spevu a perových ornamentov u lelka lesného (*Caprimulgus europaeus*) prostredníctvom časovania vokálnych aktivít a pomocou behaviorálneho experimentu (*Evaluation of the territorial function of vocal signal and plumage ornament in the Common Nightjar (Caprimulgus europaeus) by the timing of vocal activities and using behavioral experiment*)

Zodpovedný riešiteľ: Alžbeta Darolová
Trvanie projektu: 1.1.2023 / 31.12.2026
Evidenčné číslo projektu: 1/0134/23
Organizácia je koordinátorom projektu: nie
Koordinátor: Prírodovedecká fakulta UK Bratislava
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 2054 €

Dosiahnuté výsledky:

3.) Význam jašteríc, ježov a ixodových kliešťov v ekológii nebezpečných, vektormi prenášaných bakteriálnych a protozoárných patogénov v urbánnych a suburbánnych podmienkach Slovenska (*The role of lizards, hedgehogs and hard ticks in the ecology of dangerous bacterial and protozoan vector borne pathogens in urban and suburban conditions of Slovakia*)

Zodpovedný riešiteľ: Yuliya Didyk
Trvanie projektu: 1.1.2022 / 31.12.2025
Evidenčné číslo projektu: 2/0004/22
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.

Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 4039 €

Dosiahnuté výsledky:

4.) Nové regulátory metabolizmu drozofily (*Novel pathways governing energy metabolism in Drosophila*)

Zodpovedný riešiteľ: Martina Gáliková
Trvanie projektu: 1.1.2024 / 31.12.2027
Evidenčné číslo projektu: 0103
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 12482 €

Dosiahnuté výsledky:

5.) Prevádzka malých vodných elektrární ako in-situ model simulujúci efekt zmeny klímy na biodiverzitu vodných tokov (*The operation of small hydropower plants as an in-situ model for simulating the effects of climate change on stream biodiversity*)

Zodpovedný riešiteľ: Igor Kokavec
Trvanie projektu: 1.1.2024 / 31.12.2027
Evidenčné číslo projektu: 2/0041/24
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 3307 €

Dosiahnuté výsledky:

6.) Potravná a akustická ekológia a trendy vlajkových druhov vtákov v čase globálnych zmien (*Foraging and acoustic ecology and trends of flagship bird species during global change Key*)

Zodpovedný riešiteľ: Anton Krištín
Zodpovedný riešiteľ v organizácii SAV: Alžbeta Darolová
Trvanie projektu: 1.1.2024 / 31.12.2027
Evidenčné číslo projektu: 2/0018/24
Organizácia je koordinátorom projektu: nie
Koordinátor: Ústav ekológie lesa SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0

inštitúcií:
Čerpané financie: SAV: 3330 €

Dosiahnuté výsledky:

7.) Úloha bioindikátorov v identifikácii antropogénne vyvolaných zmien vodno-vzdušného režimu v pôdach s rôznym spôsobom využitia

Zodpovedný riešiteľ: Barbara Mangová
Trvanie projektu: 1.1.2023 / 31.12.2026
Evidenčné číslo projektu: 1/0315/23
Organizácia je koordinátorom projektu: nie
Koordinátor: Prírodovedecká fakulta Univerzity Komenského
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 2027 €

Dosiahnuté výsledky:

8.) Mezostigmátne roztoče so vzťahom k podkôrnym habitatom a drevokaznému hmyzu na Slovensku – taxonómia, ekológia a chorológia druhov čeľade Digamasellidae (Acari: Parasitiformes). (*Mesostigmatic mites associated with subcorticolous habitats and wood-destroying insects in Slovakia – taxonomy, ecology and chorology of the species of Digamasellidae (Acari: Parasitiformes).*)

Zodpovedný riešiteľ: Peter Mašán
Trvanie projektu: 1.1.2022 / 31.12.2025
Evidenčné číslo projektu: 2/0007/22
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 4880 €

Dosiahnuté výsledky:

9.) Molekulárna analýza, bionómia a ekológia vybraných skupín denných motýľov a hrubopásych blanokrídlovcov. (*Molecular analysis, bionomy and ecology of specific groups of butterflies and sawflies.*)

Zodpovedný riešiteľ: Ladislav Roller
Trvanie projektu: 1.1.2023 / 31.12.2026
Evidenčné číslo projektu: 2/0070/23
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0

inštitúcií:

Čerpané financie:

SAV: 8716 €

Dosiahnuté výsledky:

HARIS, A.** - JÓZAN, Zsolt - ROLLER, Ladislav - ŠIMA, P. - TÓTH, Sándor. Changes in Population Densities and Species Richness of Pollinators in the Carpathian Basin during the Last 50 Years (Hymenoptera, Diptera, Lepidoptera). In Diversity-Basel, 2024, vol. 16, no. 6, art. no. 328. (2023: 2.1 - IF, Q2 - JCR, 0.585 - SJR, Q1 - SJR).

HARIS, A. - VIDLIČKA, Ľubomír - MAJZLAN, Oto - ROLLER, Ladislav**. Effectiveness of Malaise trap and sweep net sampling in sawfly research (Hymenoptera: Symphyta). In Biologia, 2024, vol. 79, iss. 6, pp. 1705-1714. (2023: 1.4 - IF, Q3 - JCR, 0.361 - SJR, Q2 - SJR).

MARKO, Šimon - MACEK, J. - ROLLER, Ladislav. Prvónálezy fylofágnych Symphyta Slovenska viazaných na brezu (Betula spp.). In Blanokřídlí v českých zemích a na Slovensku, 18. ročník : sborník abstraktů z konference. - Praha : Výzkumný ústav rostlinné výroby, v.v.i. Praha-Ruzyně, 2024, s. 10. ISBN 978-80-7427-431-2. Typ: AFG

ROLLER, Ladislav. K poznaniu piliarok rodu Pristiphora (Hymenoptera, Symphyta, Tenthredinidae) na Slovensku. In Blanokřídlí v českých zemích a na Slovensku, 18. ročník : sborník abstraktů z konference. - Praha : Výzkumný ústav rostlinné výroby, v.v.i. Praha-Ruzyně, 2024, s. 12. ISBN 978-80-7427-431-2. Typ: AFG

10.) Výskyt bežných ako aj netypických druhov kliešťov na Slovensku a ich úloha v cirkulácii kliešťami prenášaných patogénov. (*The occurrence of common as well as atypical tick species in Slovakia, and their role in the circulation of tick-borne agents.*)

Zodpovedný riešiteľ: Veronika Rusňáková Taragel'ová

Trvanie projektu: 1.1.2021 / 31.12.2024

Evidenčné číslo projektu: 2/0137/21

Organizácia je áno

koordinátorom projektu:

Koordinátor: Ústav zoológie SAV, v. v. i.

Počet spoluriešiteľských 0

inštitúcií:

Čerpané financie: SAV: 8833 €

Dosiahnuté výsledky:

11.) Pochopenie komplexnej odpovede biodiverzity na lesný manažment: integrácia multi-taxonického prístupu v hodnotení ekosystémových funkcií - DECISION

Zodpovedný riešiteľ: Jozef Šibík

Zodpovedný riešiteľ v Marek Semelbauer

organizácii SAV:

Trvanie projektu: 1.1.2022 / 31.12.2025

Evidenčné číslo projektu: 2/0097/22

Organizácia je nie

koordinátorom projektu:

Koordinátor: Centrum biológie rastlín a biodiverzity SAV, v. v. i.

Počet spoluriešiteľských 0

inštitúcií:

Čerpané financie: SAV: 1600 €

Dosiahnuté výsledky:

12.) Krvné parazity penice čiernohlavej (*Sylvia atricapilla*) a ich možných vektorov: prevalencia, diverzita a možnosti prenosu (*Blood Parasites of blackcaps (*Sylvia Atricapilla*) and vectors: Prevalence, Diversity, and Transmission Patterns*)

Zodpovedný riešiteľ: Alžbeta Šujanová
Trvanie projektu: 1.1.2024 / 31.12.2026
Evidenčné číslo projektu: 2/0148/24
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 3056 €

Dosiahnuté výsledky:

13.) Zraniteľnosť vybraných prírodne a antropogénne narušených ekosystémov vo vzťahu k prebiehajúcej zmene klímy

Zodpovedný riešiteľ: Zbyšek Šustek
Trvanie projektu: 1.1.2022 / 31.12.2025
Evidenčné číslo projektu: 1/0392/22
Organizácia je koordinátorom projektu: nie
Koordinátor: Lesnícka fakulta TUZVO
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 225 €

Dosiahnuté výsledky:

14.) Environmentálne determinanty distribúcie vtákov a hematofágneho hmyzu v ekologicky hraničných podmienkach (*The environmental determinants of bird and hematophagous insect distribution under ecologically extreme conditions*)

Zodpovedný riešiteľ: Radovan Václav
Trvanie projektu: 1.1.2024 / 31.12.2027
Evidenčné číslo projektu: 2/0111/24
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 4850 €

Dosiahnuté výsledky:

15.) Invázny švábik *Planuncus tingitanus* (Blattaria) na Slovensku - šírenie, ekológia a etológia. (*Invasive cockroach *Planuncus tingitanus* (Blattaria) in Slovakia - expansion of species, ecology and ethology.*)

Zodpovedný riešiteľ: Ľubomír Vidlička
Trvanie projektu: 1.1.2021 / 31.12.2024
Evidenčné číslo projektu: 2/0074/21
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 7866 €

Dosiahnuté výsledky:

16.) Šváby zo svetových jantárov III (*Cockroaches from amber III*)

Zodpovedný riešiteľ: Peter Vršanský
Zodpovedný riešiteľ v organizácii SAV: Peter Vršanský
Trvanie projektu: 1.1.2022 / 31.12.2025
Evidenčné číslo projektu: 0133/22
Organizácia je koordinátorom projektu: nie
Koordinátor: Ústav vied o Zemi SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 2925 €

Dosiahnuté výsledky:

17.) Úloha receptorov pre neuropeptidy pri regulácii vnútorných orgánov kliešťov

Zodpovedný riešiteľ: Dušan Žitňan
Trvanie projektu: 1.1.2023 / 31.12.2026
Evidenčné číslo projektu: 2/0037/23
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 16735 €

Dosiahnuté výsledky:

Programy: APVV

18.) Experimentálny systém pre bezkontaktnú stimuláciu a monitorovanie vybraných biologických vlastností a kognitívnych schopností *Drosophila melanogaster* (Experimental System for Wireless Stimulation and Monitoring of Selected Biological Properties and Cognitive Abilities of *Drosophila melanogaster*)

Zodpovedný riešiteľ: Robert Andok
Zodpovedný riešiteľ v organizácii SAV: Peter Takáč
Trvanie projektu: 1.9.2024 / 30.6.2027
Evidenčné číslo projektu: APVV-23-0173
Organizácia je koordinátorom projektu: nie
Koordinátor: Ústav informatiky SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 4851 €

Dosiahnuté výsledky:

19.) Neuroendokrinná regulácia energetického metabolizmu v modeli *Drosophila melanogaster* (Neuroendocrine regulation of energy metabolism in the *Drosophila melanogaster* model)

Zodpovedný riešiteľ: Martina Gáliková
Trvanie projektu: 1.7.2020 / 30.6.2024
Evidenčné číslo projektu: APVV 0196
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 30814 €

Dosiahnuté výsledky:

20.) Od génov k metabolizmu: Identifikácia a charakterizácia nových katabolických regulátorov vínnych mušiek (From genes to metabolism: Identification and characterization of novel catabolic regulators in the fruit fly model)

Zodpovedný riešiteľ: Martina Gáliková
Trvanie projektu: 1.7.2024 / 30.6.2028
Evidenčné číslo projektu: APVV 0393
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 25995 €

Dosiahnuté výsledky:

21.) Cirkulácia vírusu kliešťovej encefalitídy v blízkosti poľnohospodárskych fariem a lesných lokalít na Slovensku (*Circulation of tick-borne encephalitis virus in foci close to agricultural farms and in sylvatic sites of Slovakia*)

Zodpovedný riešiteľ: Mária Kazimírová
Trvanie projektu: 1.7.2024 / 30.6.2028
Evidenčné číslo projektu: APVV-23-0247
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 26218 €

Dosiahnuté výsledky:

22.) Štúdium úlohy mikroRNA v dlhodobých účinkoch teploty počas vývinu na stresovú rezistenciu a dĺžku života (*Unravelling the role of microRNAs in mediating the long-term effects of developmental temperature on stress tolerance and lifespan*)

Zodpovedný riešiteľ: Peter Klepsatel
Trvanie projektu: 1.7.2024 / 30.6.2028
Evidenčné číslo projektu: APVV-23-0457
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 20996 €

Dosiahnuté výsledky:

23.) Expresia a funkcia calcitonínu podobných peptidov a ich receptorov u kliešťov (*Expression and function of calcitonin-like peptides and their receptors in ticks*)

Zodpovedný riešiteľ: Ladislav Roller
Trvanie projektu: 1.7.2022 / 30.6.2026
Evidenčné číslo projektu: APVV-21-0431
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 53755 €

Dosiahnuté výsledky:

KLÖCKLEROVÁ, Vanda** - ROLLER, Ladislav - KOČI, Juraj - SLOVÁK, Mirko - DAUBNEROVÁ, Ivana - ŽITŇAN, Dušan. Characterization of insect parathyroid hormone-like peptide in the hard tick *Ixodes ricinus*. In PARADNI24 Parasites of 21 Century. XV. Slovak and Czech Parasitological Days, 13.-17. May, 2024 : abstract book. 1. vyd. - Bratislava : Institute of Zoology, Slovak Academy of Sciences, Bratislava, 2024, s. 87. ISBN 978-80-972239-1-5.

DAUBNEROVÁ, Ivana** - ROLLER, Ladislav - ŽITŇAN, Dušan. Functional characterization of receptors in tick *Ixodes ricinus*. In PARADNI24 Parasites of 21 Century. XV. Slovak and Czech Parasitological Days, 13.-17. May, 2024 : abstract book. 1. vyd. - Bratislava : Institute of Zoology, Slovak Academy of Sciences, Bratislava, 2024, s. 86. ISBN 978-80-972239-1-5. (Czech and Slovak Parasitological Days.

ROLLER, Ladislav** - KOČI, Juraj - DAUBNEROVÁ, Ivana - KLÖCKLEROVÁ, Vanda - MEDLA, Matej - ŽITŇAN, Dušan. Mapping expression of neuropeptides revealed unique peptidergic cells in the sheep tick *Ixodes ricinus*. In PARADNI24 Parasites of 21 Century. XV. Slovak and Czech Parasitological Days, 13.-17. May, 2024 : abstract book. 1. vyd. - Bratislava : Institute of Zoology, Slovak Academy of Sciences, Bratislava, 2024, s. 44. ISBN 978-80-972239-1-5

ŽITŇAN, Dušan - DAUBNEROVÁ, Ivana - KOČI, Juraj - MEDLA, Matej - KLÖCKLEROVÁ, Vanda - ROLLER, Ladislav. Function of neuropeptides and their receptors in ticks. In PARADNI24 Parasites of 21 Century. XV. Slovak and Czech Parasitological Days, 13.-17. May, 2024 : abstract book. 1. vyd. - Bratislava : Institute of Zoology, Slovak Academy of Sciences, Bratislava, 2024, s. 43. ISBN 978-80-972239-1-5.

24.) Získanie pravdivých informácií o kliešťoch (*Getting the right info on ticks*)

Zodpovedný riešiteľ:	Veronika Rusňáková Taragel'ová
Trvanie projektu:	1.7.2023 / 30.6.2027
Evidenčné číslo projektu:	APVV-22-0372
Organizácia je koordinátorom projektu:	áno
Koordinátor:	Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií:	0
Čerpané financie:	APVV: 64044 €

Dosiahnuté výsledky:

25.) Eliminácia kliešťami prenášaných infekcií bez použitia antibiotík (*Non-antibiotic approach for the treatment of tick-borne infections*)

Zodpovedný riešiteľ:	Eva Špitalská
Zodpovedný riešiteľ v organizácii SAV:	Diana Selyemová
Trvanie projektu:	1.7.2024 / 30.6.2028
Evidenčné číslo projektu:	APVV-23-0325
Organizácia je koordinátorom projektu:	nie
Koordinátor:	Biomedicínske centrum SAV, v. v. i.
Počet spoluriešiteľských inštitúcií:	0
Čerpané financie:	APVV: 3812 €

Dosiahnuté výsledky:

26.) Ekológia pohlavného výberu (*Ecology of sexual selection*)

Zodpovedný riešiteľ: Ľubomír Vidlička
Trvanie projektu: 1.7.2021 / 30.6.2025
Evidenčné číslo projektu: APVV-20-0081
Organizácia je koordinátorom projektu: nie
Koordinátor: Univerzita Komenského v Bratislave
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 8900 €

Dosiahnuté výsledky:

27.) The analysis of neuropeptide-receptor signaling pathways in ticks

Zodpovedný riešiteľ: Dušan Žitňan
Trvanie projektu: 1.7.2024 / 30.6.2028
Evidenčné číslo projektu: APVV-23-0168
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: APVV: 19500 €

Dosiahnuté výsledky:

Programy: Iné projekty

28.) Štipendiá pre excelentných výskumníkov ohrozených vojnovým konfliktom na Ukrajine

Zodpovedný riešiteľ: Olha Zhovnerchuk
Trvanie projektu: 1.9.2022 / 29.2.2024
Evidenčné číslo projektu: 09I03-03-V01-00022
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 6600 €

Dosiahnuté výsledky:

Programy: MoRePro

29.) Hormonálna regulácia metabolizmu drozdofily pomocou steroidov produkovaných v gonádach a s nimi interagujúcich peptidov (*Hormonal regulation of Drosophila metabolism via gonad-derived steroids and interacting peptides*)

Zodpovedný riešiteľ: Martina Gáliková
Trvanie projektu: 1.1.2021 / 31.12.2024
Evidenčné číslo projektu:
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 21899 €

Dosiahnuté výsledky:

Programy: Ministerstvo školstva, vedy, výskumu a športu

30.) BARS4 (BARS4)

Zodpovedný riešiteľ: Peter Vršanský
Trvanie projektu: 1.1.2023 / 31.12.2024
Evidenčné číslo projektu:
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: Ministerstvo vedy, výskumu a športu: 90000 €

Dosiahnuté výsledky:

Programy: Plán obnovy EÚ

31.) Insectools: Inovatívne nástroje pre výskum odpovedí hmyzu na environmentálny stres a pesticídy schválené v EÚ (*InsecTools: Innovative toolbox for deciphering insect responses to environmental stressors and EU-approved pesticides*)

Zodpovedný riešiteľ: Martina Gáliková
Trvanie projektu: 1.9.2024 / 30.6.2026
Evidenčné číslo projektu:
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: Výskumná agentúra: 218899 €

Dosiahnuté výsledky:

32.) Vývinová aklimácia v modeli vínnych mušiek NextGenerationEU (Developmental Acclimation of Metabolism in the Fruit Fly Model)

Zodpovedný riešiteľ: Martina Gáliková
Trvanie projektu: 1.7.2024 / 30.12.2025
Evidenčné číslo projektu:
Organizácia je áno
koordinátorom projektu:
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských 0
inštitúcií:
Čerpané financie: Výskumná agentúra: 37385 €

Dosiahnuté výsledky:

33.) Dešifrovanie úlohy mikroRNA v metabolickom programovaní potravou počas vývinu u drozofily (Decoding the role of microRNAs in the metabolic programming by developmental diet in Drosophila)

Zodpovedný riešiteľ: Peter Klepsatel
Trvanie projektu: 1.9.2024 / 31.8.2026
Evidenčné číslo projektu: 09I03-03-V04-00570
Organizácia je áno
koordinátorom projektu:
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských 0
inštitúcií:
Čerpané financie: Výskumná agentúra: 13335 €

Dosiahnuté výsledky:

34.) Biotické interakcie švábov v hĺbinách času

Zodpovedný riešiteľ: Hemen Sendi
Trvanie projektu: 1.8.2024 / 31.7.2026
Evidenčné číslo projektu: 09I03-03-V04-00439
Organizácia je áno
koordinátorom projektu:
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských 0
inštitúcií:
Čerpané financie: Výskumná agentúra: 29345 €

Dosiahnuté výsledky:

35.) Obesity research in fruit flies *Drosophila melanogaster*

Zodpovedný riešiteľ: Sanjay Ramnarayan Yadav
Trvanie projektu: 1.9.2024 / 30.8.2026
Evidenčné číslo projektu: 09I03-03-Vo2-00014
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: -

Dosiahnuté výsledky:

Programy: PostdokGrant

36.) Skúmanie neuropeptidovej regulácie vodnej homeostázy kliešťov (*Uncovering neuropeptide control of ticks' water homeostasis*)

Zodpovedný riešiteľ: Vanda Klöcklerová
Trvanie projektu: 1.7.2024 / 31.12.2025
Evidenčné číslo projektu:
Organizácia je koordinátorom projektu: áno
Koordinátor: Ústav zoológie SAV, v. v. i.
Počet spoluriešiteľských inštitúcií: 0
Čerpané financie: SAV: 5510 €

Dosiahnuté výsledky:

Publikačná činnosť organizácie

Príloha je generovaná z ARL.

AAA Vedecké monografie vydané v zahraničných vydavateľstvách

- AAA01 VALERA, Francisco - BOLONIO, Luis - VÁCLAV, Radovan. Guía para programas de instalación de niales artificiales como medida compensatoria de proyectos solares fotovoltaicos. Morales Manuel B., Bota Gerard (recenzenti), Cátedra Steppe Forward (vydavateľ). 1. Madrid : Cátedra Steppe Forward, 2024, 132 pp. Dostupné na internete: https://steppeforward.eu/docs/Guia_v4.pdf. ISBN 978-84-09-66760-4

ADCA Vedecké práce v zahraničných karentovaných časopisoch – impaktovaných

- ADCA01 BITUŠÍK, Peter - CHAMUTIOVÁ, Tímea - VIDHYA, Marina** - HORÁČKOVÁ, Šárka - KYŠKA-PIPIK, Radovan - STAREK, Dušan - MILOVSKÝ, Rastislav - ŽATKOVÁ, Lucia - HAMERLÍK, Ladislav. From oligotrophy to dystrophy: the ontogeny of a humic lake in an extrazonal boreal taiga in Central Europe. In Journal of Quaternary Science, 2024, vol. 39, iss. 3, pp. 457-472. (2023: 1.9 - IF, Q3 - JCR, 0.79 - SJR, Q1 - SJR). ISSN 0267-8179. Dostupné na: <https://doi.org/10.1002/jqs.3598> (APVV-15-0292 : Deglaciácia a postglaciálny klimatický vývoj Vysokých Tatier zaznamenaný v jazerných sedimentoch [Deglaciation and postglacial climatic evolution recorded in the lake deposits of the High Tatra Mountains]. VEGA č. 2/0163/21 : Laminované sedimenty – nástroj pre chronológiu klimatických eventov v Tatrách na konci pleistocénu)
- ADCA02 BITUŠÍK, Peter - NOVIKMEC, Milan - SVITOK, Marek - HAMERLÍK, Ladislav. New faunistic records of chironomids and phantom midges (Diptera, Chironomidae and Chaoboridae) from Ukraine indicate recent climatic refugia in the Eastern Carpathians. In Zookeys, 2024, vol. 1211, no., p. 349–367. (2023: 1.3 - IF, Q2 - JCR, 0.659 - SJR, Q1 - SJR). ISSN 1313-2989. Dostupné na: <https://doi.org/10.3897/zookeys.1211.125436>
- ADCA03 CASTILLO-HUITRON, Nathalia M.** - NARANJO, Eduardo J. - SANTOS-FITA, Didac - PENAHERRERA-AGUIRRE, Mateo - PROKOP, Pavol - CISNEROS, Rodrigo - GALLEGOS, Silvia Vaca - JEŽOVÁ, Zuzana. Influence of human emotions on conservation attitudes toward relevant wildlife species in El Triunfo Biosphere Reserve, Mexico. In Biodiversity and Conservation, 2024, vol. 33, iss. 8-9, pp. 2423-2439. (2023: 3 - IF, Q1 - JCR, 0.954 - SJR, Q1 - SJR). ISSN 0960-3115. Dostupné na: <https://doi.org/10.1007/s10531-024-02863-4>
- ADCA04 CROY, Ilona - HELLER, Carina - PROKOP, Pavol - SOROKOWSKA, Agnieszka. COVID-19 and Social Distancing: A Cross-Cultural Study of Interpersonal Distance Preferences and Touch Behaviors Before and During the Pandemic. In Cross-Cultural Research, 2024, vol. 58, iss. p. 41–69. (2023: 2.3 - IF, Q1 - JCR, 0.866 - SJR, Q1 - SJR). ISSN 1069-3971. Dostupné na: <https://doi.org/10.1177/10693971231174935>
- ADCA05 CSANÁDY, Alexander** - TEJ, Branislav - SOCHOVÁ, Veronika - BALÁŽ, Ivan - AMBROS, Michal - MAJLÁTHOVÁ, Viktória - MAJLÁTH, Igor - STANKO, Michal. Sex differences in pelvic size and shape in the striped field mouse from Slovakia. In Zoologischer Anzeiger : A Journal of Comparative Zoology, 2024, vol. 311, july, p. 123-130. (2023: 1.2 - IF, Q2 - JCR, 0.542 - SJR, Q1 - SJR). ISSN 0044-5231. Dostupné na: <https://doi.org/10.1016/j.jcz.2024.07.005> (APVV-21-0166 :

- Drobné cicavce ako rezervoár zoonózných patogénov v urbanizujúcom sa svete - epidemiológia a genetická diverzita. APVV 19-0440 : Vynárajúce sa zoonotické patogény prenášané opomínanými druhmi článkonožcov na Slovensku. KEGA 051PU-4/2021 : Etologická ekológia živočíchov)
- ADCA06 DOČKALOVÁ, Kateřina** - STUHLÍK, E. - HAMERLÍK, Ladislav - BITUŠÍK, Peter - TUREK, Jan - SVITOK, Marek - NOVIKMEC, Milan - LACKNER, R. - DVORAK, Martin - KOPÁČEK, Jiří - TÁTOSOVÁ, Jolana - CAMARERO, L. - FÜREDER, Leopold - VONDRÁK, Daniel. Cold mountain stream chironomids (Diptera) of the genus *Diamesa* indicate both historical and recent climate change. In *Environmental entomology*, 2024, vol. 53, issue 4, p. 604-618. (2023: 1.8 - IF, Q2 - JCR, 0.682 - SJR, Q1 - SJR). ISSN 0046-225X. Dostupné na: <https://doi.org/10.1093/ee/nvae052>
- ADCA07 GANZINELLI, S. - HAMŠÍKOVÁ, Zuzana - FÖLDVÁRI, Gabor - SZEKERES, Sándor - PFEFFER, Martin - SCHNITTGER, Leonhard** - KAZIMÍROVÁ, Mária. Phylogenetic analysis of a novel Hepatozoon species (*Hepatozoon* sp. SK3) and an additional yet unknown Hepatozoon species (*Hepatozoon* sp. BV2) besides *H. erhardovae* in small rodents from Central Europe. In *Parasitology Research*, 2024, vol. 123, iss. 6, art.no. 250, 6 pp. (2023: 1.8 - IF, Q2 - JCR, 0.563 - SJR, Q1 - SJR). ISSN 0932-0113. Dostupné na: <https://doi.org/10.1007/s00436-024-08269-z>
- ADCA08 GROYECKA-BERNARD, Agata - SOROKOWSKI, Piotr - PROKOP, Pavel - SOROKOWSKA, Agnieszka. Conservatism Negatively Predicts Creativity: A Study Across 28 Countries. In *Journal of Cross-Cultural Psychology*, 2024, vol. 55, iss. 4, pp. 368–385. (2023: 2.4 - IF, Q2 - JCR, 0.992 - SJR, Q1 - SJR). ISSN 0022-0221. Dostupné na: <https://doi.org/10.1177/00220221241238>
- ADCA09 HARIS, A.** - JÓZAN, Zsolt - ROLLER, Ladislav - ŠIMA, P. - TÓTH, Sándor. Changes in Population Densities and Species Richness of Pollinators in the Carpathian Basin during the Last 50 Years (Hymenoptera, Diptera, Lepidoptera). In *Diversity-Basel*, 2024, vol. 16, no. 6, art. no. 328. (2023: 2.1 - IF, Q2 - JCR, 0.585 - SJR, Q1 - SJR). ISSN 1424-2818. Dostupné na: <https://doi.org/10.3390/d16060328>
- ADCA10 KOKAVEC, Igor** - NAVARA, Tomáš - MIŠÍKOVÁ ELEXOVÁ, Emília - LEŠŤÁKOVÁ, Margita - MLÁKA, Miroslav - ŠČERBÁKOVÁ, S. - VRÁBLOVÁ, Zuzana - OČADLÍK, Mirko. Enhancing the Ecological Quality Assessment of River Floodplains Based on Benthic Invertebrates. In *Aquatic conservation marine and Freshwater Ecosystem*, 2024, vol. 34, iss. 8, article no: e4242, 12 pp. (2023: 2.5 - IF, Q1 - JCR, 0.787 - SJR, Q1 - SJR). ISSN 1052-7613. Dostupné na: <https://doi.org/10.1002/aqc.4242>
- ADCA11 KOKAVEC, Igor** - MLÁKA, Miroslav - MIŠÍKOVÁ ELEXOVÁ, Emília. New invader colonises the Danube: *Quistadrilus multisetosus* (Smith, 1900) (Clitellata: Naididae) population settled in the Slovakian stretch of the Danube floodplain. In *Annales de Limnologie - International Journal of Limnology*, 2024, vol. 60, art. no 20, 6 pp. (2023: 0.9 - IF, Q4 - JCR, karentované - CCC). (2024 - Current Contents). ISSN 0003-4088. Dostupné na: <https://doi.org/10.1051/limn/2024020> (VEGA 2/0045/17 : Stav a perspektívy etnolingvistického výskumu na Slovensku)
- ADCA12 KRASNOV, Boris R.** - KHOKHLOVA, Irina S. - KORALLO-VINARSKAYA, Natalia P. - LAUDISOIT, Anne - BERRIZBEITIA, M. Fernanda López - MATTHEE, Sonja - SANCHEZ, Juliana - STANKO, Michal - MESCHT, Luther van der - VINARSKI, Maxim V. Congruence between co-occurrence and trait-based networks is scale-dependent: a case study with flea parasites of small mammalian hosts. In *Parasitology*, 2024, vol. 151, iss. 8., pp. 853 -863. (2023: 2.1 - IF, Q2 - JCR, 0.661 - SJR, Q1 - SJR). ISSN 0031-1820. Dostupné na: <https://doi.org/10.1017/S0031182024000969> (Project No. 548/23 : Israel Science Foundation)

- ADCA13 LITAVSKÝ, Juraj - PROKOP, Pavol**. Coverings on Pitfall Traps Influence the Abundance of Ground-Dwelling Arthropods. In Diversity-Basel, 2024, vol. 16, iss. 1, art. no. 19. (2023: 2.1 - IF, Q2 - JCR, 0.585 - SJR, Q1 - SJR). ISSN 1424-2818. Dostupné na: <https://doi.org/10.3390/d16010019>
- ADCA14 MAGYARI, E. K. ** - SZABÓ, Z. - FALUS, Gy - MORA, Amparo - SZALAI, Z. - HAMERLÍK, Ladislav - TÓTH, M. - FARKAS, Árpád - POMOGYI, P. - SOMOGYI, B. - VÖRÖS, L. - KORPONAI, J. Large shallow lake response to anthropogenic stressors and climate change: Missing macroinvertebrate recovery after oligotrophication (Lake Balaton, East-Central Europe). In Science of the Total Environment, 2024, vol. 946, no., art.no. 174191. (2023: 8.2 - IF, Q1 - JCR, 1.998 - SJR, Q1 - SJR). ISSN 0048-9697. Dostupné na: <https://doi.org/10.1016/j.scitotenv.2024.174191>
- ADCA15 MAŠÁN, Peter**. Morphology of Adult Multidendrolaelaps bialowiezae (Hirschmann et Wiśniewski) (Acari: Digamasellidae) from Subcortical Habitats in Slovakia. In Annales Zoologici, 2024, vol. 74, iss. 3, p. 363-379. (2023: 1.3 - IF, Q2 - JCR, 0.505 - SJR, Q2 - SJR). ISSN 0003-4541. Dostupné na: <https://doi.org/10.3161/00034541ANZ2024.74.3.003>
- ADCA16 MAŠÁN, Peter** - HALLIDAY, Bruce. Ochaechulla spinturniciformis, a new genus and species of mite in the family Laelapidae (Acari: Mesostigmata) from Slovakia. In Acarologia, 2024, vol. 64, iss. 3, p. 697-710. (2023: 0.9 - IF, Q3 - JCR, 0.537 - SJR, Q2 - SJR). ISSN 0044-586X. Dostupné na: <https://doi.org/10.24349/tcet-6u2k>
- ADCA17 MESKÓ, Norbert - KOWAL, Marta - PROKOP, Pavol - HAN, H. Exploring Attitudes Toward “Sugar Relationships” Across 87 Countries: A Global Perspective on Exchanges of Resources for Sex and Companionship. In Archives of Sexual Behavior, 2024, vol. 53, iss. 2, p. 811-837. (2023: 2.9 - IF, Q1 - JCR, 1.07 - SJR, Q1 - SJR). ISSN 0004-0002. Dostupné na: <https://doi.org/10.1007/s10508-023-02724-1>
- ADCA18 MINICHOVÁ, Lenka - SLOBODNÍK, Vladimír - SLOBODNÍK, R. - OLEKŠÁK, M. - HAMŠÍKOVÁ, Zuzana - ŠKULTÉTY, Ľudovít - ŠPITALSKÁ, Eva**. Detection of avian haemosporidian parasites in wild birds in Slovakia. In Diversity-Basel, 2024, vol. 16, no. 2, art. no. 121. (2023: 2.1 - IF, Q2 - JCR, 0.585 - SJR, Q1 - SJR). ISSN 1424-2818. Dostupné na: <https://doi.org/10.3390/d16020121> (VEGA 2/0021/21 : Diverzita vektormi prenášaných patogénnych a nepatogénnych mikroorganizmov a potenciálna terapia nimi spôsobených zoonotických ochorení)
- ADCA19 PROKOP, Pavol** - LITAVSKÝ, Juraj - PROVAZNÍK, Zuzana. Female Phalangium opilio use fellatio to compensate sexual avoidance. In Scientific Reports, 2024, vol. 14, no., article number: 25586 , 6 pp. (2023: 3.8 - IF, Q1 - JCR, 0.9 - SJR, Q1 - SJR, karentované - CCC). (2024 - Current Contents, WOS, SCOPUS). ISSN 2045-2322. Dostupné na: <https://doi.org/10.1038/s41598-024-77209-9>
- ADCA20 PROKOP, Pavol** - ZVARÍKOVÁ, Martina - ZVARÍK, Milan - JEŽOVÁ, Zuzana - FEDOR, Peter. Charismatic species should be large: The role of admiration and fear. In People and Nature, 2024, vol. 6, no., p. 945–957. (2023: 4.2 - IF, Q1 - JCR, 1.792 - SJR, Q1 - SJR). ISSN 2575-8314. Dostupné na: <https://doi.org/10.1002/pan3.10504>
- ADCA21 PROKOP, Pavol - TUČNÍK, Kristián - PROVAZNÍK, Zuzana - ČIAMPOROVÁ-ZAŤOVIČOVÁ, Zuzana - ČIAMPOR, Fedor, Jr. Pollinator behaviour and prevalence of the anther smut Antherospora vindobonensis in its host, the Hungarian two-leaf squill (Scilla vindobonensis). In Botanical studies, 2024, vol. 65, art. no. 29. (2023: 4.1 - IF, Q1 - JCR, 0.740 - SJR, Q1 - SJR). ISSN 1999-3110. Dostupné na internete: <https://doi.org/10.1186/s40529-024-00437-9> (APVV-21-0386 : Včely všetko nestihnú – DNA metabarkódingová analýza biodiverzity opel'ovačov pre zlepšenie ich ochrany a ekosystémových služieb/Bees cannot make it all - DNA

- metabarcoding analysis of pollinator biodiversity for improving their protection and ecosystem services)
- ADCA22 PROKOP, Pavol. Urban environment decreases pollinator availability, fertility, and prolongs anthesis in the field bindweed (*Convolvulus arvensis* Linnaeus, 1753). In *Plant Signaling & Behavior*, 2024, vol. 19, iss. 1, art. no. 2325225. (2023: 2.8 - IF, Q2 - JCR, 0.725 - SJR, Q1 - SJR). ISSN 1559-2316. Dostupné na: <https://doi.org/10.1080/15592324.2024.2325225> (Vega č. 1/0007/21 : Ekologické špecifiká opelenia a disperzie semien v urbánnom prostredí. APVV-21-0386 : Včely všetko nestihnú – DNA metabarkódinová analýza biodiverzity opelovačov pre zlepšenie ich ochrany a ekosystémových služieb/Bees cannot make it all - DNA metabarcoding analysis of pollinator biodiversity for improving their protection and ecosystem services)
- ADCA23 RUSŇÁKOVÁ - TARAGELOVÁ, Veronika** - DERDÁKOVÁ, Markéta - SELYEMOVÁ, Diana - CHVOSTÁČ, Michal - MANGOVÁ, Barbara - DIDYK, Yuliya - KOČI, Juraj - KOLENČÍK, S. - VÍCHOVÁ, Bronislava - PETKO, Branislav - STANKO, Michal - KAZIMÍROVÁ, Mária. Two decades of research on *Borrelia burgdorferi* sensu lato in questing *Ixodes ricinus* ticks in Slovakia. In *Frontiers in Cellular and Infection Microbiology : Specialty Journal of Frontiers in Microbiology.*, 2024, vol. 14, art. no. 1496925. (2023: 4.6 - IF, Q1 - JCR, 1.285 - SJR, Q1 - SJR). ISSN 2235-2988. Dostupné na: <https://doi.org/10.3389/fcimb.2024.1496925> (VEGA 2/0137/21 : Výskyt bežných ako aj netypických druhov kliešťov na Slovensku a ich úloha v cirkulácii kliešťami prenášaných patogénov. APVV 22-0372 : Získanie pravdivých informácií o kliešťoch)
- ADCA24 SEDLÁČKOVÁ PŘIDALOVÁ, Marcela - HAMERLÍK, Ladislav - NOVIKMEC, Milan - SLOBODNÍKOVÁ, Veronika - VESELSKÁ, Marta - BITUŠÍK, Peter - SVITOK, Marek**. Diversity and distribution of chironomids in Central European ponds. In *Ecology and Evolution*, 2024, vol. 14, issue 5, art. no. e11354. (2023: 2.3 - IF, Q2 - JCR, 0.864 - SJR, Q1 - SJR). ISSN 2045-7758. Dostupné na: <https://doi.org/10.1002/ece3.11354> (VEGA č. 2/0044/22 : Pondy v mestskom prostredí - biodiverzita, nepôvodná biota a ekologická kvalita (Ponds in the urban environment - biodiversity, non native biota and ecological quality))
- ADCA25 SENDI, Hemen. *Vitisma coriacea* sp.n. (Insecta: Dictyoptera) from the mid-Cretaceous in northern Myanmar, first record of the genus in amber. In *Zootaxa*, 2024, vol. 5437, iss. 2, p. 294-300. (2023: 0.8 - IF, Q3 - JCR, 0.513 - SJR, Q2 - SJR). ISSN 1175-5334. Dostupné na: <https://doi.org/10.11646/zootaxa.5437.2.8>
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- ADCA29 SZABÓ, Z.** - BUCZKÓ, Krisztina - KORPONAI, Janos L. - LUOTO, Tomi - BEGY, Róbert-Csaba - HALIUC, Artitina - VERES, Daniel - HAMERLÍK, Ladislav - CSORBA, Réka - ZSIGMOND, Andreea Rebeka - DARABOS, Gabriella - MÉHES, Nikoletta - KÖVÉR, Csilla - MAGYARI, Enikő Katalin**. Two chironomid-inferred mean July air temperature reconstructions in the South Carpathian Mountains over the last 2000 years. In *Holocene*, 2024, vol. 34, iss. 7, p. 987–1004. (2023: 1.6 - IF, Q3 - JCR, 0.779 - SJR, Q1 - SJR). ISSN 0959-6836. Dostupné na: <https://doi.org/10.1177/09596836241236353>
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- ADDA04 NAVARA, Tomáš - ENDEL, Branislav - KOKAVEC, Igor - LUKÁŠ, Jozef - MAJZLAN, Oto - SAMAY, Ján** - THOMKOVÁ, Katarína - VIDLIČKA, Ľubomír - CHVOJKA, Pavel. New and interesting records of rare caddisflies (Trichoptera, Insecta) from Slovakia with comments on their ecology and conservation status. In *Biologia*, 2024, vol. 79, iss. 9, p. 2805–2819. (2023: 1.4 - IF, Q3 - JCR, 0.361 - SJR, Q2 - SJR, karentované - CCC). (2024 - Current Contents). ISSN 0006-3088. Dostupné na: <https://doi.org/10.1007/s11756-024-01743-0> (VEGA č. 2/0044/22 : Pondy v mestskom prostredí - biodiverzita, nepôvodná biota a ekologická kvalita (Ponds in the urban environment - biodiversity, non native biota and ecological quality))
- ADDA05 ZAPRIHAČOVÁ, Andrea - CHVOJKA, Pavel - JANEČEK, Emil - KOMZÁK, Petr - NAVARA, Tomáš**. Rediscovery of *Chimarra marginata* (Linnaeus, 1767) (Philopotamidae, Trichoptera, Insecta) in the Czech Republic after 80 years. In *Biologia*, 2024, vol. 79, no. 10, p. 3145–3150. (2023: 1.4 - IF, Q3 - JCR, 0.361 - SJR, Q2 - SJR, karentované - CCC). (2024 - Current Contents). ISSN 0006-3088. Dostupné na: <https://doi.org/10.1007/s11756-024-01775-6> (VEGA 2/0041/24 : Prevádzka malých vodných elektrární ako in-situ model simulujúci efekt zmeny klímy na biodiverzitu vodných tokov)

ADEB Vedecké práce v ostatných zahraničných časopisoch – neimpaktovaných

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- ADFB04 MAJZLAN, Oto - SEMELBAUER, Marek. Indikácia stavu lesov na príklade chrobákov (Coleoptera) v lesoch Záhoria. = Indication of forest condition on the example of beetles (Coleoptera) in forests of Záhorie. In Entomofauna Carpathica, 2023, vol. 35, iss 2, p. 67-80. ISSN 1335-1214. Dostupné na internete: https://entomospol.sk/wp-content/uploads/2024/01/35_2_08_Majzlan-Semelbauer-2023-1-EC.pdf
- ADFB05 MAJZLAN, Oto**. Formovanie biocenózy chrobákov (Coleoptera) v lesnej mokradi jelšiny na odkalisku bane v Pezinku. = Formation of the biocenosis of beetles (Coleoptera) in the alder forest wetland at the mine tailings pond in Pezinok. In Ochrana prírody, 2024, roč. 43, str. 5-26. ISSN 2453-8183. Dostupné na internete: <https://www.sopsr.sk/op/ochrana-prirody-43-2024/5/> (VEGA 1/0286/20 : Potenciál druhej špecifickej fenotypovej „explózie“ vo forenznej rekonštrukcii introdukcie karanténnych Thysanoptera v umelo inteligentnom rozhraní)
- ADFB06 MAJZLAN, Oto**. Faunistické príspevky zo Slovenska-Coleoptera 18. = Faunistic notes on beetles (Coleoptera) 18. from Slovakia. In Entomofauna Carpathica, 2024, vol. 36, iss 1, p. 121-124. ISSN 1335-1214. Dostupné na internete: https://entomospol.sk/wp-content/uploads/2024/08/36_1_11_Majzlan_2024-1-EC.pdf
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ADMA Vedecké práce v zahraničných impaktovaných časopisoch registrovaných v databázach Web of Science alebo SCOPUS

- ADMA01 BLAŽEKOVÁ, Veronika - STANKO, Michal - SPRONG, Heinz - KOHL, Robert - ZUBRIKOVÁ, Dana - VARGOVÁ, Lucia - BONA, Martin - MIKLISOVÁ, Dana - VÍCHOVÁ, Bronislava**. Ixodiphagus hookeri (Hymenoptera: Encyrtidae) and Tick-Borne Pathogens in Ticks with Sympatric Occurrence (and Different Activities) in the Slovak Karst National Park (Slovakia), Central Europe. In Pathogens, 2024, vol. 13, no. 5, art. no. 385. (2023: 3.3 - IF, Q2 - JCR, 0.843 - SJR, Q2 - SJR). ISSN 2076-0817. Dostupné na: <https://doi.org/10.3390/pathogens13050385> (Vega č. 2/0014/21 : Spoločenské zvieratá ako účinný indikátor cirkulácie patogénov so špecifickým dôrazom na vektormi prenášané a zoonózne druhy. Vega č. 2/0051/24 : Vplyv prítomnosti parazitických osičiek Ixodiphagus spp. (Hymenoptera: Encyrtidae) na ekológiu vybraných kliešťami prenášaných patogénov a dynamiku infekčných ochorení. APVV-21-0166 : Drobné cicavce ako rezervoár zoonózných patogénov v urbanizujúcom sa svete - epidemiológia a genetická diverzita)

- ADMA02 DVOŘÁK, Martin - DITTMANN, Isabel L. - PEDRINI-MARTHA, Veronika - HAMERLÍK, Ladislav - BITUŠÍK, Peter - STUHLÍK, E. - VONDRAK, Daniel - FUEREDER, Leopold - LACKNER, R.**. Molecular and morphological characterisation of larvae of the genus *Diamesa* Meigen, 1835 (Diptera: Chironomidae) in Alpine streams (Ötztal Alps, Austria). In *PLoS ONE*, 2024, vol. 19, iss. 2, art. no. e0298367. (2023: 2.9 - IF, Q1 - JCR, 0.839 - SJR, Q1 - SJR). ISSN 1932-6203. Dostupné na: <https://doi.org/10.1371/journal.pone.0298367>
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- ADMA04 KAZIMÍROVÁ, Mária** - MANGOVA, Barbara - CHVOSTÁČ, Michal - DIDYK, Yuliya - DE ALBA, Paloma - MIRA, Anabela - PURGATOVÁ, Slávka - SELYEMOVÁ, Diana - RUSŇÁKOVÁ - TARAGELOVÁ, Veronika - SCHNITTGER, Leonhard. The role of wildlife in the epidemiology of tick-borne diseases in Slovakia. In *Current Research in Parasitology & Vector-Borne Diseases*, 2024, vol. 6, art. no. 100195. (2023: 1.7 - IF, Q3 - JCR, 0.919 - SJR, Q1 - SJR). ISSN 2667-114X. Dostupné na: <https://doi.org/10.1016/j.crpvbd.2024.100195>
- ADMA05 KECKEISEN, Carina - ŠUJANOVÁ, Alžbeta - HIMMEL, Tanja - MATT, Julia - NEDOROST, Nora - CHAGAS, Carolina R. F. - WEISSENBOCK, Harbert - HARL, Jozef. Isospora and Lankesterella Parasites (Eimeriidae, Apicomplexa) of Passeriform Birds in Europe: Infection Rates, Phylogeny, and Pathogenicity. In *Pathogens*, 2024, vol. 13, no. 4, art. no. 337,. (2023: 3.3 - IF, Q2 - JCR, 0.843 - SJR, Q2 - SJR). ISSN 2076-0817. Dostupné na: <https://doi.org/10.3390/pathogens13040337>
- ADMA06 KNOBLOCHOVÁ, Diana - DHARANIKOTA, Malleswara - GÁLIKOVÁ, Martina* - KLEPSATEL, Peter**. Temperature-dependent dynamics of energy stores in *Drosophila*. In *BMC Biology*, 2024, vol. 22, iss. 1, article no. 272. (2023: 4.4 - IF, Q1 - JCR, 1.787 - SJR, Q1 - SJR). ISSN 1741-7007. Dostupné na: <https://doi.org/10.1186/s12915-024-02072-z>
- ADMA07 NEL, Andre - SENDI, Hemen - NEL ANDRE, SENDI HEMEN, ROBIN, Ninon - DELCAMBRE, Bernard - MOTTEQUIN, Bernard. Late is not too late: redescription of some Carboniferous insects from Western Europe studied by Daniel Laurentiaux (Palaeodictyoptera, Paoliida). In *Palaeoentomology*, 2024, vol. 7, iss. 3, p. 364 - 376. (2023: 1.9 - IF, Q1 - JCR). ISSN 2624-2826. Dostupné na: <https://doi.org/10.11646/palaeoentomology.7.3.6>
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- ADMA09 SELYEMOVÁ, Diana** - ANTOLOVÁ, Daniela** - MANGOVA, Barbara - JAROŠOVÁ, Júlia - LIČKOVÁ, Martina - FUMAČOVÁ, Sabina - SLÁVIKOVÁ, Monika - RUSŇÁKOVÁ - TARAGELOVÁ, Veronika - DERDÁKOVÁ, Markéta. Cats as a sentinel species for human infectious diseases – toxoplasmosis, trichinellosis, and COVID-19. In *Current Research in Parasitology & Vector-Borne Diseases*, 2024, vol. 6, art. no. 100196. (2023: 1.7 - IF, Q3 - JCR, 0.919 - SJR, Q1 - SJR). ISSN 2667-114X. Dostupné na: <https://doi.org/10.1016/j.crpvbd.2024.100196> (APVV-16-0463 : Ekológia hostiteľskej špecifickosti vektormi prenášaných parazitov. Vega č. 2/0024/24 : Epidemiológia, genetická variabilita a zdravotné riziká zoonózných parazitov *Toxoplasma gondii* a *Toxocara* spp. v urbánných a

- ADMA10 rurálnych ekosystémoch Slovenska)
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AEDA Vedecké práce v domácich recenzovaných zborníkoch, kratšie kapitoly/state v domácich monografiách alebo VŠ učebniciach

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- AFL07 RUSŇÁKOVÁ - TARAGELOVÁ, Veronika** - SELYEMOVÁ, Diana - MANGOVA, Barbara - CHVOSTÁČ, Michal - DIDYK, Yuliya - KAZIMÍROVÁ, Mária - PURGATOVÁ, Slávka - ZHOVNERCHUK, Olha - ŠUJANOVÁ, Alžbeta - DERDÁKOVÁ, Markéta. Monitoring of the seasonal activity of Ixodes ricinus and Dermacentor reticulatus ticks in Bratislava using tick gardens. In PARADNI24 Parasites of 21 Century. XV. Slovak and Czech Parasitological Days, 13.-17. May, 2024 : abstract book. 1. vyd. - Bratislava : Institute of Zoology, Slovak Academy of Sciences, Bratislava, 2024, s. 79. ISBN 978-80-972239-1-5. (Czech and Slovak Parasitological Days. VEGA 2/0137/21 : Výskyt bežných ako aj netypických druhov kliešťov na Slovensku a ich úloha v cirkulácii kliešťami prenášaných patogénov. Czech and Slovak Parasitological Days)
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ADCA24

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***AEC Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách**

AEC01 KOVÁČ, Ľubomír - MOCK, A. - LUPTÁČIK, Peter - KOŠEL, V. - FENĎA, Peter - SVATONĚ, Jan - MAŠÁN, Peter. Terrestrial arthropods of the Domica Cave system and the Ardovská Cave (Slovak Karst) – principal microhabitats and diversity. *In Contributions to Soil Zoology in Central Europe I : Proceedings of the 7th Central European Workshop on Soil Zoology : Held in České Budějovice, Czech Republic, April 14-16, 2003. Karel Tajovský, Jiří Schlaghamerský, Václav Pižl (eds). - Institute of Soil Biology, Academy of Sciences of the Czech Republic, 2005, p. _ . ISBN 808652504X, 9788086525044. Dostupné na internete: <http://cavebiology.net/publications/18.pdf>*

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AEDB Krátšie vedecké práce alebo VŠ učebnice vydané samostatne v domácich vydavateľstvách

AEDB01 VRŠANSKÝ, Peter - KOUBOVÁ, Ivana - VRŠANSKÁ, Lucia - HINKELMAN, Jan - KÚDELA, Matúš - KÚDELOVÁ, Tatiana - LIANG, Jun-Hui - XIA, Fungyuan - LEI, Xiaojie - REN, Xiaoyin - VIDLIČKA, Ľubomír - BAO, Tong - ELLENBERGER, Sieghard - ŠMÍDOVÁ, Lucia - BARCLAY, Maxwell. Early wood-boring Mole roach reveals eusociality "missing ring". In *Amba projekty*. - Bratislava : AMBA, 2019, vol. 9, no. 1, 28 p.

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5. [2.1] MAJTANIK, Matej - KOTULOVA, Julia. *Insect J3-K1 assemblage from Tasgorosay in Kazakhstan was dominated by cockroaches*. In *BIOLOGIA*, 2023, vol. 78, no. 6, pp. 1565-1584. ISSN 0006-3088. Available on: <https://doi.org/10.1007/s11756-022-01307-0>, Registrované v: WOS

AFG Abstrakty príspevkov zo zahraničných konferencií

AFG01 BLANK, Stephan M. - HARA, Hideho - MIKULÁS, Jozsef - CSÓKA, György - CIORNEI, Constantin - CONSTANTINEANU, Raoul - CONSTANTINEANU, Irenel - ROLLER, Ladislav - ALTENHOFER, Ewald - HUFLEJT, Tomasz - VÉTEK, Gabor. East Asian pest of elms (*Ulmus* spp.) now invading Europe: the zigzag sawfly, *Aproceros leucopoda* (Hymenoptera, Argidae). In *7th International Congress of Hymenopterists : programme and Abstract List of Participants*, s. 20-21.

Citácie:

1. [1.1] OTEN, Kelly L. F. - DAY, Eric - DELLINGER, Theresa - DISQUE,

Heather Harmon - BARRINGER, Lawrence E. - CANCELLIERE, Jessica - SOMERS, Liam - BERTONE, Matthew A. First records of elm zigzag sawfly (Hymenoptera: Argidae) in the United States. In JOURNAL OF INTEGRATED PEST MANAGEMENT, 2023, vol. 14, no. 1, pp. Available on: <https://doi.org/10.1093/jipm/pmad009>, Registrované v: WOS

2. [1.2] CAVALIERI, Vincenzo - DONNE, Angelo G.Delle - SAPONARI, Maria - CARRIERI, Mauro - BOSCIA, Donato - DONGIOVANNI, Crescenza. Arge scita (Symphyta: Argidae): a potential emerging phytophagous for almond? In Phytoparasitica, 2023-07-01, 51, 3, pp. 385-392. ISSN 03342123. Available on: <https://doi.org/10.1007/s12600-023-01071-0>, Registrované v: SCOPUS

3. [3.1] KONDRATYEVA, A. M., RZHEVSKY, S. G., AKSENENKO, E. V., KIRPACH, D. A., & KORNEV, I. I. (2023). Detection of a mass breeding site of the elm sawfly-zigzag Aproceros leucopoda Takeuchi, 1939 (Hymenoptera: Argidae) in Voronezh. Samara Journal of Science, 12(3), 63-68. ISSN 2309-4370 (Print)

4. [3.1] SFIRCULUS, D. D., & GROZEA, I. (2023). Review of species from category of filophagous insect relevant for Deciduous forests of Romania.

Research Journal of Agricultural Science, 55 (3), p. 217-223 ISSN: 2668-926X

AFG02

MAJTÁN, Juraj - BOHOVÁ, Jana - HORNIAČKOVÁ, Miroslava - MAJTÁN, Viktor. Anti-Biofilm Effects of Honey Against Wound Pathogens Proteus Mirabilis and Enterobacter Cloacae : poster. In XXXXIII International Apicultural Congress : Oral presentation abstracts & poster list. - Kyiv, Ukraine : Apimondia, 2013, aP 22, p. 330.

Citácie:

1. [1.1] CELEBI, D. - CELEBI, O. - BASER, S. -

TAGHIZADEHGHAEHJOUGH, A. Evaluation of Antimicrobial and Antibiofilm Efficacy of Bee Venom and Exosome Against Escherichia coli K99 Strain. In KAFKAS UNIVERSITETI VETERINER FAKULTESI DERGISI. ISSN 1300-6045, MAY-JUN 2023, vol. 29, no. 3, p. 239-246. Dostupné na: <https://doi.org/10.9775/kvfd.2023.29132>, Registrované v: WOS

2. [1.1] KHATAYBEH, B. - JARADAT, Z. - ABABNEH, Q. Anti-bacterial, anti-biofilm and anti-quorum sensing activities of honey: A review. In JOURNAL OF ETHNOPHARMACOLOGY. ISSN 0378-8741, DEC 5 2023, vol. 317. Dostupné na: <https://doi.org/10.1016/j.jep.2023.116830>, Registrované v: WOS

3. [1.1] MACHADO, A. - ZAMORA-MENDOZA, L. - ALEXIS, F. - ALVAREZ-SUAREZ, J.M. Use of Plant Extracts, Bee-Derived Products, and Probiotic-Related Applications to Fight Multidrug-Resistant Pathogens in the Post-Antibiotic Era. In FUTURE PHARMACOLOGY. SEP 2023, vol. 3, no. 3, p. 535-567. Dostupné na: <https://doi.org/10.3390/futurepharmacol3030034>, Registrované v: WOS

4. [1.1] MARTINOTTI, S. - BONSIGNORE, G. - RANZATO, E. Applications of Beehive Products for Wound Repair and Skin Care. In COSMETICS. OCT 2023, vol. 10, no. 5. Dostupné na: <https://doi.org/10.3390/cosmetics10050127>, Registrované v: WOS

BBB Kapitoly v odborných knižných publikáciách vydané v domácich vydavateľstvách

BBB01

VIDLIČKA, Ľubomír. Článkonožce Arthropods. In AMBRÓZ, Leonard et al. Atlas druhov európskeho významu pre územia NATURA 2000 na Slovensku. 1. vyd. - Liptovský Mikuláš ; Bratislava : Slovenské múzeum ochrany prírody a jaskyniarstva : Slovart, 2011, 2011, p. 138 - 233. ISBN 978-80-556-0220-2.

Citácie:

1. [1.1] JURENA, Daniel. A critical review of the distribution of the endangered European earth-borer beetle *Bolbelasmus/i unicornis/i* (Coleoptera, Geotrupidae), with new records from 13 countries and observations on its bionomy. In ZOOKEYS, 2022, vol., no. 1105, pp. 1-125. ISSN 1313-2989. Available on: <https://doi.org/10.3897/zookeys.1105.81474>, Registrované v: WOS

***BDFB Odborné práce v domácich nekarentovaných časopisoch neimpaktovaných**

- BDFB01 REITEROVÁ, Katarína - STANKO, Michal - ŠPILOVSKÁ, Silvia - FRIČOVÁ, Jana - MOŠANSKÝ, Ladislav - DVOROŽŇÁKOVÁ, Emília. Úloha drobných cicavcov - dôležitých rezervoárov v cirkulácii larválnej toxokarózy. In Slovenský veterinársky časopis, 2010, roč. 35, č. 4, s. 217-221. ISSN 1335-0099.
Citácie:
1. [1.1] TULIS, Filip - SEVCIK, Michal - JANOSIKOVA, Radoslava - BALAZ, Ivan - AMBROS, Michal - ZVARIKOVA, Lucia - HORVATH GYOZO. The impact of the striped field mouse's range expansion on communities of native small mammals. In SCIENTIFIC REPORTS. ISSN 2045-2322, JAN 14 2023, vol. 13, no. 1. Dostupné na: <https://doi.org/10.1038/s41598-022-26919-z>, Registrované v: WOS
- BDFB02 STANKO, Michal - MOŠANSKÝ, Ladislav - FRIČOVÁ, Jana. Spoločenstvá drobných cicavcov (Eulipotyphla, Rodentia) alúvií stredného Poiplia (Lučenská a Ipeľská kotlina) = Small mammal communities (Eulipotyphla, Rodentia) of the middle part of alluvium Ipe river (Luenska and Ipeska basins). In Ochrana prírody Slovenska : magazín štátnej ochrany prírody. - Banská Bystrica : ŠOP, 2010, vol. 26, p.43-52. ISSN 1335-7921.
Citácie:
1. [1.1] TULIS, Filip - SEVCIK, Michal - JANOSIKOVA, Radoslava - BALAZ, Ivan - AMBROS, Michal - ZVARIKOVA, Lucia - HORVATH GYOZO. The impact of the striped field mouse's range expansion on communities of native small mammals. In SCIENTIFIC REPORTS. ISSN 2045-2322, JAN 14 2023, vol. 13, no. 1. Dostupné na: <https://doi.org/10.1038/s41598-022-26919-z>, Registrované v: WOS

BEF Odborné práce v domácich zborníkoch (konferenčných aj nekonferenčných, recenzovaných a nerecenzovaných)

- BEF01 VRŠANSKÝ, Peter** - HINKELMAN, Jan - KOUBOVÁ, Ivana - SENDI, Hemen - KÚDELOVÁ, Tatiana - KÚDELA, Matúš - BARCLAY, Maxwell. A single common ancestor for praying mantids, termites, cave roaches and umenocoleoids. In Amba projekty. - Bratislava : AMBA, 2021, vol. 11, no. 1, p. 1-16. ISSN 2644-5840.
Citácie:
1. [1.1] BEZERRA, Francisco Irineudo - ALBERTO, Gabrielle de Melo - MENDES, Marcio. New record of a mantis-like dictyopteran from the Lower Cretaceous Crato Formation (Brazil). In CRETACEOUS RESEARCH, 2023, vol. 141, no., pp. ISSN 0195-6671. Available on: <https://doi.org/10.1016/j.cretres.2022.105364>, Registrované v: WOS

Príloha A-4

Údaje o pedagogickej činnosti organizácie

Semestrálne prednášky:

Mgr. Martina Gáliková, PhD.

Názov semestr. predmetu: Genetika živočíchov

Počet hodín za semester: 6

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

Mgr. Martina Gáliková, PhD.

Názov semestr. predmetu: Medicínska entomológia

Počet hodín za semester: 1

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

Mgr. Martina Gáliková, PhD.

Názov semestr. predmetu: Vybrané kapitoly z molekulárnej biológie

Počet hodín za semester: 4

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

prof. Ing. Ladislav Hamerlík, PhD.

Názov semestr. predmetu: Akademické vademecum I

Počet hodín za semester: 2

Názov katedry a vysokej školy: Univerzita Mateja Bela v Banskej Bystrici, Katedra biológie a environmentálnych štúdií

prof. Ing. Ladislav Hamerlík, PhD.

Názov semestr. predmetu: Akademické vademecum II

Počet hodín za semester: 2

Názov katedry a vysokej školy: Univerzita Mateja Bela v Banskej Bystrici, Katedra biológie, ekológie a životného prostredia

prof. Ing. Ladislav Hamerlík, PhD.

Názov semestr. predmetu: Freshwater Biology

Počet hodín za semester: 13

Názov katedry a vysokej školy: Univerzita Mateja Bela v Banskej Bystrici, Katedra biológie a environmentálnych štúdií

prof. Ing. Ladislav Hamerlík, PhD.

Názov semestr. predmetu: Príroda v štvrtohorách

Počet hodín za semester: 4

Názov katedry a vysokej školy: Univerzita Mateja Bela v Banskej Bystrici, Katedra biológie, ekológie a životného prostredia

prof. Ing. Ladislav Hamerlík, PhD.

Názov semestr. predmetu: Scientific Communication

Počet hodín za semester: 13

Názov katedry a vysokej školy: Univerzita Mateja Bela v Banskej Bystrici, Katedra biológie a environmentálnych štúdií

prof. Ing. Ladislav Hamerlík, PhD.

Názov semestr. predmetu: Všeobecná ekológia

Počet hodín za semester: 13

Názov katedry a vysokej školy: Univerzita Mateja Bela v Banskej Bystrici, Katedra biológie a environmentálnych štúdií

RNDr. Kamila Koči, PhD.

Názov semestr. predmetu: Bunkové kultúry a in vivo modely

Počet hodín za semester: 12

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

prof. RNDr. Oto Majzlan, PhD.

Názov semestr. predmetu: Ekosystémové služby

Počet hodín za semester: 8

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

prof. PaedDr. Pavol Prokop, DrSc.

Názov semestr. predmetu: Biodiverzita 1

Počet hodín za semester: 3

Názov katedry a vysokej školy: Prírodovedecká fakulta UK, Katedra environmentálnej ekológie a manažmentu krajiny

prof. PaedDr. Pavol Prokop, DrSc.

Názov semestr. predmetu: Dynamika a diverzita živých systémov

Počet hodín za semester: 6

Názov katedry a vysokej školy: Prírodovedecká fakulta UK, Katedra environmentálnej ekológie a manažmentu krajiny

prof. PaedDr. Pavol Prokop, DrSc.

Názov semestr. predmetu: Urbánna ekológia

Počet hodín za semester: 2

Názov katedry a vysokej školy: Právnická fakulta UK, Katedra environmentálnej ekológie a manažmentu krajiny

prof. PaedDr. Pavol Prokop, DrSc.

Názov semestr. predmetu: Všeobecná ekológia

Počet hodín za semester: 6

Názov katedry a vysokej školy: Prírodovedecká fakulta UK, Katedra environmentálnej ekológie a manažmentu krajiny

Mgr. Radovan Václav, PhD.

Názov semestr. predmetu: Evolučná ekológia

Počet hodín za semester: 24

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

RNDr. Dušan Žitňan, DrSc.

Názov semestr. predmetu: Modelové druhy

Počet hodín za semester: 8

Názov katedry a vysokej školy: Prírodovedecká fakulta UK, Katedra genetiky

RNDr. Dušan Žitňan, DrSc.

Názov semestr. predmetu: Vybrané kapitoly

Počet hodín za semester: 2

Názov katedry a vysokej školy: Prírodovedecká fakulta UK, Katedra genetiky

RNDr. Dušan Žitňan, DrSc.

Názov semestr. predmetu: Vybrané kapitoly

Počet hodín za semester: 2

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

RNDr. Dušan Žitňan, DrSc.

Názov semestr. predmetu: Využitie hmyzu a kliešťov pri štúdiu neuroendokrinných pochodov regulujúcich vývin a správanie

Počet hodín za semester: 2

Názov katedry a vysokej školy: Slovenská technická univerzita v Bratislave, Ústav biochémie a mikrobiológie

Semestrálne cvičenia:

RNDr. Kamila Koči, PhD.

Názov semestr. predmetu: Mikrobiológia a virológia

Počet hodín za semester: 16

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

RNDr. Kamila Koči, PhD.

Názov semestr. predmetu: Mikrobiológia a virológia

Počet hodín za semester: 15

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

Semináre:

RNDr. Kamila Koči, PhD.

Názov semestr. predmetu: Seminár z mikrobiológie a virológie 2

Počet hodín za semester: 24

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

Terénne cvičenia:

Mgr. Ján Samay

Názov semestr. predmetu: Terénne práce zo zoológie bezstavovcov

Počet hodín za semester: 40

Názov katedry a vysokej školy: Prírodovedecká fakulta UK, Katedra zoológie

Individuálne prednášky:

Mgr. et Mgr. Peter Klepsatel, PhD.

Názov semestr. predmetu: Genetika živočíchov

Počet hodín za semester: 2

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

Mgr. Slávka Purgatová

Názov semestr. predmetu: Kliešte - významné parazity v prírode

Počet hodín za semester: 2

Názov katedry a vysokej školy: Univerzita Komenského v Bratislave, katedra zoológie

Mgr. Ján Samay

Názov semestr. predmetu: Arachnológia - Schizomida

Počet hodín za semester: 1

Názov katedry a vysokej školy: Prírodovedecká fakulta UK, Katedra zoológie

Mgr. Marek Semelbauer, PhD.

Názov semestr. predmetu: Biologické princípy ochrany prírody

Počet hodín za semester: 2

Názov katedry a vysokej školy: Prírodovedecká fakulta UK, Katedra ekológie

RNDr. Peter Takáč, CSc.

Názov semestr. predmetu: Metódy biologického boja/ Metóda sterilného hmyzu na eradikáciu bodaviek tsetse-ekologická alternatíva insekticídov

Počet hodín za semester: 2

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

Príloha A-5

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					Hemen Sendi	86
Rakúsko					Vanda Klöcklerová	67
					Slávka Purgatová	14
Španielsko					Ladislav Hamerlik	10
					Radovan Václav	47
Taliansko					Matej Medla	126
Počet vyslaní spolu					6	350

(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
Česko					RNDr. Pavel Chvojka	8
Španielsko					Viktor baranov	7
Počet prijatí spolu					2	15

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

Krajina	Názov konferencie	Meno pracovníka	Počet dní
Česko	Hymenodni	Šimon Marko	4
		Ladislav Roller	4
	Zoodny 2024	Yuliya Didyk	2
		Michal Chvostáč	2
		Barbara Mangová	2
		Slávka Purgatová	2
		Ján Samay	2
		Olha Zhovnerchuk	2
Kolumbia	MalariaConf 2024	Alžbeta Šujanová	5
Kuba	TTP.11	Veronika Rusňáková Tarageľová	6
		Diana Selyemová	6
Taliansko	CECE	Andrej Boroš	5
		Martina Gáliková	5

Veľká Británia	NeuroFly 2024	Diana Knoblochová	5
		Sanjay Ramnarayan Yadav	5
Spolu	6	15	57

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

Skratky použité v tabuľke C:

CECE - 31st Conference of the European Society for Comparative Endocrinologists

Hymenodni - Blanokřídlí v českých zemích a na Slovensku, 18. setkání, CHKO Český kras

MalariaConf 2024 - VI International Conference on Malaria and Related Haemosporidian Parasites of Wildlife and III International Symposium of the Wildlife Disease Research Network

NeuroFly 2024 - 20th Biennial European Drosophila Neurobiology Conference

TTP.11 - 11th Tick and Tick-borne Pathogen Conference

Zoodny 2024 - Zoologické dny Ostrava 2024

Príloha A-6

Vedecko-popularizačná činnosť pracovníkov organizácie

Meno	Spoluautori	Typ¹	Názov	Miesto zverejnenia	Dátum alebo počet za rok
MVDr. Markéta Derdáková, PhD.		IN	70. Epizóda Vedeckého podcastu SAV	you tube kanál SAV	14.6.2024
Mgr. Martina Gáliková, PhD.		PB	prednáška na podujatí Celoakademický seminár doktorandov	Bratislava	27.11.2024
Mgr. Martina Gáliková, PhD.	...	PB	podujatie My sme SAV, sekcia Vedeli ste, že?	Bratislava	14.6.2024
Mgr. Martina Gáliková, PhD.	...	PB	prednáška na podujatí Mladá nádej slovenskej vedy	Smolenice	27.11.2024
Mgr. Martina Gáliková, PhD.	...	PB	prednáška na podujatí Zoznamovací seminár doktorandov II oddelenia – písanie grantov	Bratislava	23.10.2024
Mgr. Martina Gáliková, PhD.	doc. RNDr. Ľubomír Vidlička, CSc.	PB	podujatie Víkend so SAV, diskusia s Martinom Chynoranským	Trnava	21.6.2024
Mgr. Martina Gáliková, PhD.	Mgr. Diana Knoblochová, doc. RNDr. Ľubomír Vidlička, CSc., Kristína Stohl, Mgr. Peter Klepsatel, PhD, Ing. Ladislav Roller, PhD, Bc. Andrej Boroš, MSc. Sanjay Yadav,	iné	podujatie Noc vedy, popularizačný stánok	Bratislava	26.9.2024
prof. Ing. Ladislav Hamerlík, PhD.		PB	Popularizačná prednáška pre vedcov a študentov Ludovika University of Public Service	Baja, Maďarsko	16.10.2024
prof. Ing. Ladislav Hamerlík, PhD.		PB	Popularizačná prednáška pre vedcov a študentov Ludovika University of Public Service,	Budapest, Maďarsko	15.10.2024
Mgr. Michal Chvostáč, PhD.	Barbara Mangová, Yuliya Didyk, Ivana Daubnerová, Ján Samay	iné	My sme SAV	Hviezdoslavovo Námestie, Bratislava	15.6.2024
RNDr. Mária Kazimírová, CSc.		TL	Kliešťová invázia sa začína	Pravda, príloha Zdravie, 15.4.2024	2024

Mgr. Barbara Mangová, PhD.	Semelbauer Marek	PB	Prednášky pre deti v spolupráci so Slobodou zvierat	Ústav zoológie SAV	13.7.2024
Mgr. Barbara Mangová, PhD.	Yuliya Didyk, Michal Chvostáč, Ivana Daubnerová	iné	víkend so SAV	Hviezdoslavovo námestie	14.6.2024
Mgr. Matej Medla, PhD.		TL	QUARK - príspevok v rubrike Mladí a Veda	QUARK	1.10.2024
prof. PaedDr. Pavol Prokop, DrSc.		RO	Ako je to so starostlivosťou o mláďatá v ríši živočíchov?	Rádio Regina	9.5.2024
prof. PaedDr. Pavol Prokop, DrSc.		IN	Biológovia Prokop a Litavský. Pri koscoch sme pozorovali pohlavné správanie, aké sme zatiaľ poznali iba u ľudí	https://www.postoj.sk/166120/u-koscov-sme-pozorovali-pohlavne-spravanie-ktore-sme-zatial-poznali-iba-u-ludi	23.11.2024
prof. PaedDr. Pavol Prokop, DrSc.		TL	Huba, čo má vlastnú taxislužbu	Týždenník Téma	18.10.2024
prof. PaedDr. Pavol Prokop, DrSc.		RO	Máj je mesiacom lásky, no aj nevera patrí k životu. Tolerovali by ste neveru?	Rádio Regina	22.5.2024
prof. PaedDr. Pavol Prokop, DrSc.		IN	Nevera živočíchov	https://www.youtube.com/watch?v=trlr0QXKdZ4	24.8.2024
prof. PaedDr. Pavol Prokop, DrSc.		TL	O mužov bojujeme opäťkami	https://www.zenskyweb.sk/o-muzov-bojujeme-opatkami/	21.2.2024
Ing. Ladislav Roller, PhD.	Dr. M. Gáliková, Dr. Ľ. Vidlička, Mgr. D. Knoblochová, Mgr. S. Yadav	iné	Európska noc vedy	Stará tržnica, Bratislava,	27.9.2024
Ing. Ladislav Roller, PhD.	Dr. M. Gáliková, Mgr. D. Knoblochová, Mgr. S. Yadav	iné	Víkend so SAV v Trnave	Trnava, https://www.sav.sk/?lang=sk&doc=services-news&source_no=20&news_no=12069	22.6.2024
Mgr. Veronika Rusňáková Taragel'ová, PhD.		TV	Ranné noviny	TV JOJ	20.3.2024
Mgr. Veronika Rusňáková Taragel'ová, PhD.	Diana Selyemová	PB	Ekológia kliešťov a ich interakcie s hostiteľmi a patogénmi	Škola pre mimoriadne nadané deti, Skalická 1, Bratislava	2.10.2024
Mgr. Veronika Rusňáková Taragel'ová, PhD.	Mária Kazimírová, Petra Rajska	TV	Noviny TV JOJ	TV JOJ	4.6.2024
Mgr. Veronika Rusňáková Taragel'ová, PhD.	Slávka Purgatová	PB	Tick ecology, vector - pathogen - host interactions	Katedra zoológie PRIF UK	7.11.2024

Mgr. Ján Samay	Mgr. Marek Semelbauer, PhD.	TV	Experiment (Hmyz v záhradách)	RTVS: Dvojka - Bratislava	22.4.2024
Mgr. Diana Selyemová, PhD.		PB	Ekológia kliešťov a ich interakcie s hostiteľmi a patogénmi	Škola pre mimoriadne nadané deti, Skalická 1, Bratislava	2.10.2024
Mgr. Marek Semelbauer, PhD.		TL	(Ne)známe opelovače	Quark	9.10.2024
Mgr. Marek Semelbauer, PhD.		TL	Ako trávy, slony a plávajúce kontinenty spoluutvorili náš svet	.týždeň	2.2.2024
Mgr. Marek Semelbauer, PhD.		TL	Chcete kvalitnejšie opelenie? Znížte stavy včelstviiev	.týždeň	5.6.2024
Mgr. Marek Semelbauer, PhD.		PB	Komentovaná entomologická prechádzka	Zoo Bratislava	8.5.2024
Mgr. Marek Semelbauer, PhD.		TV	Ohrozovali nás v lete invázne druhy sršňov?	Experiment, RTVS	23.9.2024
Mgr. Marek Semelbauer, PhD.		TV	Prežijeme bez hmyzu?	Experiment, RTVS	22.4.2024
Mgr. Marek Semelbauer, PhD.		TL	Výskum hmyzu na viatych pieskoch Záhoria	Chránené územia Slovenska 103	15.12.2024
Mgr. Marek Semelbauer, PhD.		PB	Zvedavé popoludnie: Nekosené plochy	Mestská knižnica v Bratislave	3.10.2024
Mgr. Marek Semelbauer, PhD.	Marián Koreň	IN	Zoológ: Nepreceňujme včelu, bez iných opelovačov sa nezaobídeme	Euractiv, https://euractiv.sk/section/ekonomika-a-euro/interview/zoolog-neprecenujme-vcelu-bez-nych-opelovacov-sa-nezaobideme/	22.4.2024
Mgr. Alžbeta Šujanová, PhD.		IN	Workshop projektu WIMANET v Kluži	https://www.sav.sk/index.php?lang=sk&doc=services-news&source_no=20&news_no=11835	20.2.2024
doc. RNDr. Ľubomír Vidlička, CSc.		TV	Kalamite lykožrúta na Horehroní sa vraj dalo predísť	Správy RTVS	5.5.2024
doc. RNDr. Ľubomír Vidlička, CSc.		RO	Na Slovensku pribúdajú invázne živočíchy	Rádio Regina	19.3.2024
doc. RNDr. Ľubomír Vidlička, CSc.		TV	Štúdia 24: USA zaplavila cikády	TV JOJ	23.4.2024
Mgr. Peter Vršanský, PhD.		IN	V Centre vedeckotechnických informácií sa uskutočnila prezentácia k súťaži BARSIV	https://vedanadosah.cvtsr.sk/priroda/v-centre-vedeckotechnickych-informacii-sa-uskutocnila-prezentacia-k-sutazi-barsiv/	10.2.2024
Mgr. Peter Vršanský, PhD.		IN	Veľvyslanec Kawakami sa prihovril študentom	https://www.sk.emb-japan.go.jp/itpr_ja/11_000001_01090.html	24.10.2024

			na výskumnej prezentácii o Japonsku v podaní slovenských stredoškolákov (22. október 2024)		
Mgr. Peter Vršanský, PhD.		IN	Víťazná výprava BARS3 na ostrove Hokkaido zastihla bambus kvitnúci po 120 rokoch	https://vedanadosah.cvtsr.sk/priroda/zivotne-prostredie/vitazna-vyprava-bars3-na-ostrove-hokkaido-zastihla-bambus-kvitnuci-po-120-rokoch/	4.9.2024
Mgr. Peter Vršanský, PhD.		IN	VÍŤAZOM CELOŠTÁTNEJ STREDOŠKOLSKÉJ SÚŤAŽE BARSIV SA STAL TÍM GRÖSSLINGOVÁ	https://www.sav.sk/?lang=sk&doc=services-news&source_no=20&news_no=11978	31.5.2024
Mgr. Peter Vršanský, PhD.		IN	VYHLÁSILI BARSIV (4) 2024, VÝNIMOČNÚ VEDECKÚ SÚŤAŽ PRE STREDOŠKOLÁKO V A EXPEDÍCIU DO INDIE	https://www.sav.sk/?lang=sk&doc=services-news&source_no=20&news_no=11696	8.1.2024
MVDr. Yuliya Didyk, PhD.	Barbara Mangová	iné	Letná škola mladých vedcov	SAV	1
Mgr. Martina Gáliková, PhD.	Mgr. Diana Knoblochová, doc. RNDr. Ľubomír Vidlička, CSc., Ing. Ladislav Roller, PhD, Bc. Andrej Boroš, MSc. Sanjay Yadav,	iné	podujatie Víkend so SAV, popularizačný stánok	Trnava	2
Mgr. Barbara Mangová, PhD.	Yuliya Didyk, Michal Chvostáč	iné	Letná škola mladých vedcov	SAV	1
Ing. Ladislav Roller, PhD.	Mgr. Jozef Balcerčík, Mgr. Eva Repková	iné	Príprava študijných materiálov a 6 testov pre Biologickú olympiádu Kategória E a F	https://nivam.sk/olympiady-a-sutaze/biologicka-olympiada/	4
Mgr. Ján Samay		PB	Halloweenska zvedáreň	Elektrárňa Piešťany	1
Mgr. Marek Semelbauer, PhD.		TL	Prispievateľ do časopisu Doma v záhrade "Drobná fauna"	Doma v záhrade	12
Mgr. Marek Semelbauer, PhD.		TL	Rubrika Príroda v časopise 50+	50+	4
Mgr. Marek Semelbauer, PhD.		PB	Strata opeľovačov. Aké následky môže ľudstvo očakávať?	CVTI	1
Mgr. Marek		PB	Život na lúkach a	Gazdovská obroda,	1

Semelbauer, PhD.			voľne žijúce opeľovače	Zeleneč	
Mgr. Alžbeta Šujanová, PhD.		TL	Malária na Slovensku?	Quark https://www.quark.sk/ malaria-na-slovensku/	1

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

Príloha A-7

Vyznamenania, ceny a iné ocenenia udelené organizácii a jej pracovníkom v roku 2024

Domáce ocenenia

Ocenenia SAV

Iné domáce ocenenia

Medzinárodné ocenenia

Uvádzajte v štruktúre: názov ocenenia, udeľujúca inštitúcia, meno a priezvisko ocenennej osoby.

Ústav zoológie Slovenskej akadémie vied, verejná výskumná inštitúcia

DODATOK SPRÁVY NEZÁVISLÉHO AUDÍTORA

k časti II - Správa k informáciám, ktoré sa uvádzajú vo výročnej správe

Štatutárnemu orgánu a dozornej rade Ústavu zoológie Slovenskej akadémie vied, verejnej výskumnej inštitúcie.

Overili sme účtovnú závierku Ústavu zoológie Slovenskej akadémie vied, verejnej výskumnej inštitúcie (ďalej aj „Inštitúcia“) k 31. decembru 2024, uvedenú v prílohe výročnej správy Inštitúcie, ku ktorej sme dňa 31. marca 2025 vydali správu nezávislého audítora, ktorá je uvedená v prílohe výročnej správy Inštitúcie. Tento dodatok sme vypracovali v zmysle § 27 odsek 6 zákona č. 423/2015 Z. z. o štatutárnom audite a o zmene a doplnení zákona č. 431/2002 Z. z. o účtovníctve v znení neskorších predpisov (ďalej len „zákon o štatutárnom audite“).

Na základe vykonaných prác opísaných v časti II správy nezávislého audítora - Správa k informáciám, ktoré sa uvádzajú vo výročnej správe, podľa nášho názoru:

- informácie uvedené vo výročnej správe Inštitúcie zostavenej za rok 2024 sú v súlade s jej účtovnou závierkou za daný rok,
- výročná správa obsahuje informácie podľa zákona o účtovníctve a zákona č. 243/2017 Z. z. o verejnej výskumnej inštitúcii a o zmene a doplnení niektorých zákonov.

Okrem toho, na základe našich poznatkov o účtovnej jednotke a situácii v nej, ktoré sme získali počas auditu účtovnej závierky, sme povinní uviesť, či sme zistili významné nesprávnosti vo výročnej správe. V tejto súvislosti konštatujeme, že sme nezistili významné nesprávnosti vo výročnej správe.

4.júla 2025


Ing. Matúš Juričkov, CA
Zodpovedný audítor
Licencia UDVA č. 1158

V mene spoločnosti
MJ Audit s.r.o.
Licencia UDVA č. 425

**SPRÁVA NEZÁVISLÉHO AUDÍTORA
Z AUDITU ÚČTOVNEJ ZÁVIERKY ZA ROK KONČIACI SA
31. DECEMBRA 2024**

**Ústav zoológie Slovenskej akadémie vied, verejná
výskumná inštitúcia**

Ústav zoológie Slovenskej akadémie vied, verejná výskumná inštitúcia

SPRÁVA NEZÁVISLÉHO AUDÍTORA

Štatutárnemu orgánu a dozornej rade Ústavu zoológie Slovenskej akadémie vied, verejnej výskumnej inštitúcie

I. Správa z auditu účtovnej závierky

Názor

Uskutočnili sme audit účtovnej závierky Ústavu zoológie Slovenskej akadémie vied, verejnej výskumnej inštitúcie (ďalej len „Inštitúcia“), ktorá obsahuje súvahu k 31. decembru 2024, výkaz ziskov a strát za rok končiaci sa k uvedenému dátumu, a poznámky, ktoré obsahujú súhrn významných účtovných zásad a účtovných metód.

Podľa nášho názoru, priložená účtovná závierka poskytuje pravdivý a verný obraz finančnej situácie Inštitúcie k 31. decembru 2024 a výsledku jej hospodárenia za rok končiaci sa k uvedenému dátumu podľa zákona č. 431/2002 Z.z. o účtovníctve v znení neskorších predpisov (ďalej len „zákon o účtovníctve“).

Základ pre názor

Audit sme vykonali podľa medzinárodných audítorských štandardov (International Standards on Auditing - ISA). Naša zodpovednosť podľa týchto štandardov je uvedená v odseku Zodpovednosť audítora za audit účtovnej závierky. Od Inštitúcie sme nezávislí podľa ustanovení zákona č. 423/2015 o štatutárnom audite a o zmene a doplnení zákona č. 431/2002 Z. z. o účtovníctve v znení neskorších predpisov (ďalej len „zákon o štatutárnom audite“) týkajúcich sa etiky, vrátane Etického kódexu audítora, relevantných pre náš audit účtovnej závierky a splnili sme aj ostatné požiadavky týchto ustanovení týkajúcich sa etiky. Sme presvedčení, že audítorské dôkazy, ktoré sme získali, poskytujú dostatočný a vhodný základ pre náš názor.

Iná skutočnosť

Účtovná závierka Ústavu zoológie Slovenskej akadémie vied, verejnej výskumnej inštitúcie za rok končiaci sa 31. decembra 2023 nebola auditovaná. Vykonali sme špecifické audítorské postupy s cieľom získať dôkazy týkajúce sa začiatkových stavov. Náš názor nie je vzhľadom na túto skutočnosť modifikovaný.

Zodpovednosť štatutárneho orgánu a osôb poverených spravovaním za účtovnú závierku

Štatutárny orgán je zodpovedný za zostavenie tejto účtovnej závierky tak, aby poskytovala verný a pravdivý obraz podľa zákona o účtovníctve a za tie interné kontroly, ktoré považuje za potrebné na zostavenie účtovnej závierky, ktorá neobsahuje významné nesprávnosti, či už v dôsledku podvodu alebo chyby.

Pri zostavovaní účtovnej závierky je štatutárny orgán zodpovedný za zhodnotenie schopnosti Inštitúcie nepretržite pokračovať vo svojej činnosti, za opísanie skutočností týkajúcich sa nepretržitého pokračovania v činnosti, ak je to potrebné, a za použitie predpokladu nepretržitého pokračovania v činnosti v účtovníctve, ibaže by mala v úmysle Inštitúciu zlikvidovať alebo ukončiť jej činnosť, alebo by nemal inú realistickú možnosť než tak urobiť.

Osoby poverené spravovaním sú zodpovedné za dohľad nad procesom finančného výkazníctva Inštitúcie.

Zodpovednosť audítora za audit účtovnej závierky

Našou zodpovednosťou je získať primerané uistenie, či účtovná závierka ako celok neobsahuje významné nesprávnosti, či už v dôsledku podvodu alebo chyby, a vydať správu audítora, vrátane názoru. Primerané uistenie je uistenie vysokého stupňa, ale nie je zárukou toho, že audit vykonaný podľa medzinárodných audítorských štandardov vždy odhalí významné nesprávnosti, ak také existujú. Nesprávnosti môžu vzniknúť v dôsledku podvodu alebo chyby a za významné sa považujú vtedy, ak by sa dalo odôvodnene očakávať, že jednotlivito alebo v súhrne by mohli ovplyvniť ekonomické rozhodnutia používateľov, uskutočnené na základe tejto účtovnej závierky.

V rámci auditu uskutočneného podľa medzinárodných audítorských štandardov, počas celého auditu uplatňujeme odborný úsudok a zachováame profesionálny skepticizmus. Okrem toho:

- Identifikujeme a posudzujeme riziká významnej nesprávnosti účtovnej závierky, či už v dôsledku podvodu alebo chyby, navrhujeme a uskutočňujeme audítorské postupy reagujúce na tieto riziká a získavame audítorské dôkazy, ktoré sú dostatočné a vhodné na poskytnutie základu pre náš názor. Riziko neodhalenia významnej nesprávnosti v dôsledku podvodu je vyššie ako toto riziko v dôsledku chyby, pretože podvod môže zahŕňať tajnú dohodu, falšovanie, úmyselné vynechanie, nepravdivé vyhlásenie alebo obídenie internej kontroly.
- Oboznamujeme sa s internými kontrolami relevantnými pre audit, aby sme mohli navrhnúť audítorské postupy vhodné za daných okolností, ale nie za účelom vyjadrenia názoru na efektívnosť interných kontrol Inštitúcie.

- Hodnotíme vhodnosť použitých účtovných zásad a účtovných metód a primeranosť účtovných odhadov a uvedenie s nimi súvisiacich informácií, uskutočnené štatutárnym orgánom.
- Robíme záver o tom, či štatutárny orgán vhodne v účtovníctve používa predpoklad nepretržitého pokračovania v činnosti a na základe získaných auditorských dôkazov záver o tom, či existuje významná neistota v súvislosti s udalosťami alebo okolnosťami, ktoré by mohli významne spochybniť schopnosť Inštitúcie nepretržite pokračovať v činnosti. Ak dospejeme k záveru, že významná neistota existuje, sme povinní upozorniť v našej správe audítora na súvisiace informácie uvedené v účtovnej závierke alebo, ak sú tieto informácie nedostatočné, modifikovať náš názor. Naše závery vychádzajú z auditorských dôkazov získaných do dátumu vydania našej správy audítora. Budúce udalosti alebo okolnosti však môžu spôsobiť, že Inštitúcia prestane pokračovať v nepretržitej činnosti.
- Hodnotíme celkovú prezentáciu, štruktúru a obsah účtovnej závierky vrátane informácií v nej uvedených, ako aj to, či účtovná závierka zachytáva uskutočnené transakcie a udalosti spôsobom, ktorý vedie k ich vernému zobrazeniu.

So štatutárnym orgánom komunikujeme okrem iných záležitostí plánovaný rozsah a časový harmonogram auditu a významné zistenia z auditu, vrátane významných nedostatkov v interných kontrolách, ktoré identifikujeme počas nášho auditu.

II. Správa podľa zákona o štatutárnom audite k informáciám, ktoré sa uvádzajú vo výročnej správe

Štatutárny orgán je zodpovedný za informácie uvedené vo výročnej správe, zostavenej podľa požiadaviek zákona o účtovníctve a zákona č. 243/2017 Z.z. o verejnej výskumnej inštitúcii a o zmene a doplnení niektorých zákonov (ďalej len „zákon o VVI). Náš vyššie uvedený názor na účtovnú závierku sa nevzťahuje na iné informácie uvedené vo výročnej správe.

V súvislosti s auditom účtovnej závierky je našou zodpovednosťou oboznámenie sa s informáciami uvedenými vo výročnej správe a zváženie, či tieto informácie nie sú vo významnom nesúlade s auditovanou účtovnou závierkou alebo našimi poznatkami, ktoré sme získali počas auditu účtovnej závierky, alebo sa inak zdajú byť významne nesprávne. Výročnú správu sme ku dňu vydania tejto správy audítora z auditu účtovnej závierky nemali k dispozícii.

Keď získame výročnú správu, posúdime, či výročná správa Inštitúcie obsahuje informácie, ktorých uvedenie vyžaduje zákon o účtovníctve a zákon o VVI, a na základe prác vykonaných počas auditu účtovnej závierky, vyjadríme v dodatku k tejto správe audítora náš názor, či:

- informácie uvedené vo výročnej správe zostavenej za rok 2024 sú v súlade s účtovnou závierkou za daný rok,
- výročná správa obsahuje informácie podľa zákona o VVI.

Okrem toho uvedieme, či sme zistili významné nesprávnosti vo výročnej správe na základe našich poznatkov o účtovnej jednotke a situácii v nej, ktoré sme získali počas auditu účtovnej závierky.

31. marec 2025


Ing. Matúš Juríček, CA
Zodpovedný audítor
Licencia UDVA č. 1158

V mene spoločnosti
MJ Audit s.r.o.
Licencia UDVA č. 425

ÚČTOVNÁ ZÁVIERKA

neziskovej účtovnej jednotky účtujúcej
v sústave podvojného účtovníctva

zostavená k 3 1 . 1 2 . 2 0 2 4

Daňové identifikačné číslo 2 0 2 0 9 1 9 4 1 7 IČO 0 0 6 7 9 0 9 7 SK NACE 7 2 . 1 9 . 0	Účtovná závierka x riadna mimoriadna priebežná (vyznačí sa x)	Mesiac Rok od 0 1 2 0 2 4 do 1 2 2 0 2 4 Bezprostredne predchádzajúce obdobie od 0 1 2 0 2 3 do 1 2 2 0 2 3

Priložené súčasti účtovnej závierky

x Súvaha (Úč NUJ 1-01)
(v eurocentoch)x Výkaz ziskov a strát (Úč NUJ 2-01)
(v eurocentoch)x Poznámky (Úč NUJ 3-01)
(v celých eurách alebo eurocentoch)

Názov účtovnej jednotky

Ú s t a v z o o l ó g i e S A V , v . v . i .

Sídlo účtovnej jednotky

Ulica

D ú b r a v s k á c e s t a

Číslo

9

PSČ

Obec

8 4 5 0 6 B r a t i s l a v a

Telefónne číslo

E-mailová adresa

e v a . v r a b l o v a @ s a v b a . s k

Zostavená dňa:

3 0 . 0 4 . 2 0 2 5

Schválená dňa:

1 3 . 0 5 . 2 0 2 5

Podpisový záznam
štatutárneho orgánu alebo
člena štatutárneho orgánu
účtovnej jednotky:

Účtovná zvierka

Úč NUJ (MF/011079/2021-74)
k 31.12.2024 pre IČO: 00679097

Strana aktív

	Strana aktív	č.r.	Bežné účtovné obdobie			Bezprostredne predchádzajúce účtovné obdobie
			Brutto	Korekcia	Netto	Netto
	a	b	1	2	3	4
A.	NEOBEŽNÝ MAJETOK SPOLU r. 002 + r. 009 + r. 021	1	2 619 532,50	2 235 155,72	384 376,78	414 899,15
A.I.	Dlhodobý nehmotný majetok r. 003 až r. 008	2	0,00	0,00	0,00	0,00
A.I.1.	Nehmotné výsledky z vývojevej a obdobnej činnosti 012-(072+091AÚ)	3	0,00	0,00	0,00	0,00
2.	Softvér 013 - (073 + 091AÚ)	4	0,00	0,00	0,00	0,00
3.	Oceniteľné práva 014 - (074 + 091AÚ)	5	0,00	0,00	0,00	0,00
4.	Ostatný dlhodobý nehmotný majetok (018 + 019)-(078 + 079 + 091 AÚ)	6	0,00	0,00	0,00	0,00
5.	Obstaranie dlhodobého nehmotného majetku (041 - 093)	7	0,00	0,00	0,00	0,00
6.	Poskytnuté preddavky na dlhodobý nehmotný majetok (051- 095AÚ)	8	0,00	0,00	0,00	0,00
A.II.	Dlhodobý hmotný majetok r. 010 až r. 020	9	2 619 532,50	2 235 155,72	384 376,78	414 899,15
A.II.1	Pozemky (031)	10	2,92	0,00	2,92	2,92
2.	Umelecké diela a zbierky (032)	11	0,00	0,00	0,00	0,00
3.	Stavby 021 - (081 + 092AÚ)	12	645 358,08	340 207,17	305 150,91	317 954,55
4.	Samostatné huteľné veci a súbory huteľných vecí 022 - (082 + 092AÚ)	13	1 833 415,12	1 807 005,58	26 409,54	31 223,11
5.	Dopravné prostriedky 023 - (083 + 092AÚ)	14	116 554,96	63 741,55	52 813,41	65 718,57
6.	Pestovateľské celky trvalých porastov 025 - (085 + 092AÚ)	15	0,00	0,00	0,00	0,00
7.	Základné stádo a ťažné zvieratá 026 - (086 + 092AÚ)	16	0,00	0,00	0,00	0,00
8.	Drobný dlhodobý hmotný majetok 028 - (088 + 092AÚ)	17	4 106,69	4 106,69	0,00	0,00
9.	Ostatný dlhodobý hmotný majetok 029 - (089 +092AÚ)	18	20 094,73	20 094,73	0,00	0,00
10.	Obstaranie dlhodobého hmotného majetku (042 - 094)	19	0,00	0,00	0,00	0,00
11.	Poskytnuté preddavky na dlhodobý hmotný majetok (052 - 095AÚ)	20	0,00	0,00	0,00	0,00
A.III.	Dlhodobý finančný majetok r. 022 až r. 028	21	0,00	0,00	0,00	0,00
A.III.1	Podielové cenné papiere a podiely v obchodných spoločnostiach v ovládanej osobe (061- 096 AÚ)	22	0,00	0,00	0,00	0,00
2.	Podielové cenné papiere a podiely v obchodných spoločnostiach s podstatným vplyvom (062 - 096 AÚ)	23	0,00	0,00	0,00	0,00
3.	Dlhové cenné papiere držané do splatnosti (065 - 096 AÚ)	24	0,00	0,00	0,00	0,00
4.	Pôžičky podnikom v skupine a ostatné pôžičky (066 + 067) - 096 AÚ	25	0,00	0,00	0,00	0,00
5.	Ostatný dlhodobý finančný majetok (069 - 096 AÚ)	26	0,00	0,00	0,00	0,00
6.	Obstaranie dlhodobého finančného majetku (043 - 096 AÚ)	27	0,00	0,00	0,00	0,00
7.	Poskytnuté preddavky na dlhodobý finančný majetok (053 - 096 AÚ)	28	0,00	0,00	0,00	0,00

Strana aktív

	Strana aktív	č.r.	Bežné účtovné obdobie			Bezprostredne predchádzajúce účtovné obdobie
			Brutto	Korekcia	Netto	Netto
	a	b	1	2	3	4
B.	OBEŽNÝ MAJETOK SPOLU r. 030+ r. 037+ r. 042 + r. 051	29	1 296 236,26	0,00	1 296 236,26	626 059,71
B.I.	Zásoby r. 031 až r. 036	30	30 313,40	0,00	30 313,40	0,00
B.I.1.	Materiál (112 + 119) - 191	31	30 313,40	0,00	30 313,40	0,00
2.	Nedokončená výroba a polotovary vlastnej výroby (121+122)-(192+193)	32	0,00	0,00	0,00	0,00
3.	Výrobky (123 - 194)	33	0,00	0,00	0,00	0,00
4.	Zvieratá (124 - 195)	34	0,00	0,00	0,00	0,00
5.	Tovar (132 + 139) - 196	35	0,00	0,00	0,00	0,00
6.	Poskytnuté prevádzkové preddavky na zásoby (314 AÚ - 391 AÚ)	36	0,00	0,00	0,00	0,00
B.II.	Dlhodobé pohľadávky r. 038 až r. 041	37	0,00	0,00	0,00	0,00
1.	Pohľadávky z obchodného styku (311 AÚ až 314 AÚ) - 391 AÚ	38	0,00	0,00	0,00	0,00
2.	Ostatné pohľadávky (315 AÚ - 391AÚ)	39	0,00	0,00	0,00	0,00
3.	Pohľadávky voči účastníkom združení (358AÚ - 391AÚ)	40	0,00	0,00	0,00	0,00
4.	Iné pohľadávky (335 AÚ + 373 AÚ + 375 AÚ + 378AÚ) - 391AÚ	41	0,00	0,00	0,00	0,00
B.III.	Krátkodobé pohľadávky r. 043 až r. 050	42	2 404,00	0,00	2 404,00	412 832,04
B.III.1.	Pohľadávky z obchodného styku (311AÚ až 314 AÚ) - 391AÚ	43	589,00	0,00	589,00	500,00
2.	Ostatné pohľadávky (315 AÚ - 391 AÚ)	44	120,00	0,00	120,00	0,00
3.	Zúčtovanie so Sociálnou poisťovňou a zdravotnými poisťovňami (336)	45	0,00	X	0,00	0,00
4.	Daňové pohľadávky (341 až 345)	46	0,00	X	0,00	0,00
5.	Pohľadávky z dôvodu finančných vzťahov k štátnemu rozpočtu a rozpočtom územnej samosprávy (346+ 348)	47	0,00	X	0,00	411 729,00
6.	Pohľadávky voči účastníkom združení (358 AÚ - 391AÚ)	48	0,00	0,00	0,00	0,00
7.	Spojovací účet pri združení (396 - 391AÚ)	49	0,00	0,00	0,00	0,00
8.	Iné pohľadávky (335AÚ + 373AÚ + 375AÚ + 378AÚ) - 391AÚ	50	1 695,00	0,00	1 695,00	603,04
B.IV.	Finančné účty r. 052 až r. 056	51	1 263 518,86	0,00	1 263 518,86	213 227,67
B.IV.1.	Pokladnica (211 + 213)	52	0,00	X	0,00	0,00
2.	Bankové účty (221 AÚ + 261)	53	1 263 518,86	X	1 263 518,86	213 227,67
3.	Bankové účty s dobou viazanosti dlhšou ako jeden rok (221 AÚ)	54	0,00	X	0,00	0,00
4.	Krátkodobý finančný majetok (251 + 253 + 255AÚ + 256 + 257) - 291AÚ	55	0,00	0,00	0,00	0,00
5.	Obstaranie krátkodobého finančného majetku (259 - 291AÚ)	56	0,00	0,00	0,00	0,00
C.	ČASOVÉ ROZLIŠENIE SPOLU r. 058 a r. 059	57	4 912,67	0,00	4 912,67	6 007,66
C.1.	Náklady budúcich období (381)	58	4 912,67	0,00	4 912,67	6 007,66
2.	Príjmy budúcich období (385)	59	0,00	0,00	0,00	0,00
	MAJETOK SPOLU r. 001 + r. 029 + r. 057	60	3 920 681,43	2 235 155,72	1 685 525,71	1 046 966,52

Strana pasív

Strana pasív		č.r.	Bežné účtovné obdobie	Bezprostredne predchádzajúce účtovné obdobie
a		b	5	6
A.	VLASTNÉ IMANIE r. 062 + r. 067 + r. 071 + r. 072	61	63 292,31	74 703,04
A.I.	Imanie a fondy r. 063 až r. 066	62	2,92	2,92
A.I.1.	Základné imanie (411)	63	2,92	2,92
2.	Fondy tvorené podľa osobitných predpisov (412)	64	0,00	0,00
3.	Fond reprodukcie (413)	65	0,00	0,00
4.	Oceňovacie rozdiely z precenenia kapitálových účastín (415)	66	0,00	0,00
A.II.	Fondy tvorené zo zisku r. 068 až r. 070	67	3 605,55	3 605,55
A.II.1.	Rezervný fond (421)	68	3 605,55	3 605,55
2.	Fondy tvorené zo zisku (423)	69	0,00	0,00
3.	Ostatné fondy (427)	70	0,00	0,00
A.III.	Nevysporiadaný výsledok hospodárenia minulých rokov (+; - 428)	71	71 094,57	87 711,97
A.IV.	Výsledok hospodárenia za účtovné obdobie r. 060 - (r. 062 + r. 067 + r. 071 + r. 073 + r. 100)	72	-11 410,73	-16 617,40
B.	ZÁVÄZKY r. 074 + r. 078 + r. 086 + r. 096	73	191 076,75	116 251,95
B.I.1.	Rezervy r. 075 až r. 077	74	0,00	0,00
2.	Rezervy zákonné (451AÚ)	75	0,00	0,00
3.	Ostatné rezervy (459AÚ)	76	0,00	0,00
4.	Krátkodobé rezervy (323 + 451AÚ + 459AÚ)	77	0,00	0,00
B.II.	Dlhodobé záväzky r. 079 až r. 085	78	2 047,62	77 160,29
B.II.1.	Záväzky zo sociálneho fondu (472)	79	2 047,62	988,29
2.	Vydané dlhopisy (473 - 255AÚ)	80	0,00	0,00
3.	Záväzky z nájmu (474 AÚ)	81	0,00	0,00
4.	Dlhodobé prijaté preddavky (475)	82	0,00	0,00
5.	Dlhodobé nevyfakturované dodávky (476 AÚ)	83	0,00	0,00
6.	Dlhodobé zmenky na úhradu (478)	84	0,00	0,00
7.	Ostatné dlhodobé záväzky (373 AÚ + 479 AÚ)	85	0,00	76 172,00
B.III.	Krátkodobé záväzky r. 087 až r. 095	86	189 029,13	39 091,66
B.III.1.	Záväzky z obchodného styku (321 až 326) okrem 323	87	1 279,32	39 091,66
2.	Záväzky voči zamestnancom (331+ 333)	88	0,00	0,00
3.	Zúčtovanie so Sociálnou poisťovňou a zdravotnými poisťovňami (336)	89	0,00	0,00
4.	Daňové záväzky (341 až 345)	90	1 325,81	0,00
5.	Záväzky z dôvodu finančných vzťahov k štátnemu rozpočtu a rozpočtom územnej samosprávy (346+348)	91	186 424,00	0,00
6.	Záväzky z upísaných nesplatených cenných papierov a vkladov (367)	92	0,00	0,00
7.	Záväzky voči účastníkom združení (368)	93	0,00	0,00
8.	Spojovací účet pri združení (396)	94	0,00	0,00
9.	Ostatné záväzky (379 + 373 AÚ + 474 AÚ + 476AÚ + 479 AÚ)	95	0,00	0,00
B.IV.	Bankové úvery a iné výpomoci a pôžičky r. 097 až r. 099	96	0,00	0,00
B.IV.1	Dlhodobé bankové úvery (461AÚ)	97	0,00	0,00
2.	Bežné bankové úvery (231 + 232 + 461AÚ)	98	0,00	0,00
3.	Prijaté krátkodobé finančné výpomoci (241 + 249)	99	0,00	0,00
C.	ČASOVÉ ROZLIŠENIE SPOLU r. 101 až r. 103	100	1 431 156,65	856 011,53
C.I.1.	Výdavky budúcich období (383)	101	0,00	0,00
2.	Výnosy budúcich období krátkodobé (384 AÚ)	102	624 180,33	284 560,46
3.	Výnosy budúcich období dlhodobé (384 AÚ)	103	806 976,32	571 451,07
	SPOLU VLASTNÉ IMANIE, ZÁVÄZKY A ÚČTY ČASOVÉHO ROZLIŠENIA r.061 + r.073 + r.100	104	1 685 525,71	1 046 966,52

Náklady

Číslo účtu	Náklady	Číslo riadku	Činnosť			Bezprostredne predchádzajúce účtovné obdobie
			Hlavná nezdaňovaná	Podnikateľská zdaňovaná	Spolu	
a	b	c	1	2	3	4
501	Spotreba materiálu	1	320 601,40	0,00	320 601,40	151 943,70
502	Spotreba energie	2	17 442,34	0,00	17 442,34	11 679,02
504	Predaný tovar	3	0,00	0,00	0,00	0,00
511	Opravy a udržiavanie	4	11 488,12	0,00	11 488,12	30 936,20
512	Cestovné	5	94 023,62	0,00	94 023,62	46 784,14
513	Náklady na reprezentáciu	6	1 923,26	0,00	1 923,26	1 195,12
518	Ostatné služby	7	63 917,22	0,00	63 917,22	41 151,01
521	Mzdové náklady	8	1 297 453,88	0,00	1 297 453,88	1 045 139,58
524	Zákonné sociálne poistenie a zdravotné poistenie	9	453 520,19	0,00	453 520,19	356 003,24
525	Ostatné sociálne poistenie	10	7 080,00	0,00	7 080,00	2 280,00
527	Zákonné sociálne náklady	11	61 962,34	0,00	61 962,34	45 744,59
528	Ostatné sociálne náklady	12	0,00	0,00	0,00	0,00
531	Daň z motorových vozidiel	13	0,00	0,00	0,00	0,00
532	Daň z nehnuteľností	14	87,13	0,00	87,13	67,89
538	Ostatné dane a poplatky	15	3 295,07	0,00	3 295,07	2 064,84
541	Zmluvné pokuty a penále	16	0,00	0,00	0,00	0,00
542	Ostatné pokuty a penále	17	0,00	0,00	0,00	1 500,00
543	Odpísanie pohľadávky	18	0,00	0,00	0,00	0,00
544	Úroky	19	0,00	0,00	0,00	0,00
545	Kurzové straty	20	647,45	0,00	647,45	93,16
546	Dary	21	0,00	0,00	0,00	0,00
547	Osobitné náklady	22	0,00	0,00	0,00	0,00
548	Manká a škody	23	0,00	0,00	0,00	0,00
549	Iné ostatné náklady	24	95 326,37	0,00	95 326,37	63 809,54
551	Odpisy dlhodobého nehmotného majetku a dlhodobého hmotného majetku	25	35 749,40	0,00	35 749,40	97 491,64
552	Zostatková cena predaného dlhodobého nehmotného majetku a dlhodobého hmotného majetku	26	0,00	0,00	0,00	0,00
553	Predané cenné papiere	27	0,00	0,00	0,00	0,00
554	Predaný materiál	28	0,00	0,00	0,00	0,00
555	Náklady na krátkodobý finančný majetok	29	0,00	0,00	0,00	0,00
556	Tvorba fondov	30	0,00	0,00	0,00	0,00
557	Náklady na precenenie cenných papierov	31	0,00	0,00	0,00	0,00
558	Tvorba a zúčtovanie opravných položiek	32	0,00	0,00	0,00	0,00
561	Poskytnuté príspevky organizačným zložkám	33	0,00	0,00	0,00	0,00
562	Poskytnuté príspevky iným účtovným jednotkám	34	0,00	0,00	0,00	0,00
563	Poskytnuté príspevky fyzickým osobám	35	0,00	0,00	0,00	0,00
565	Poskytnuté príspevky z podielu zaplatenej dane	36	0,00	0,00	0,00	0,00
567	Poskytnuté príspevky z verejnej zbierky	37	0,00	0,00	0,00	0,00
	Účtová trieda 5 spolu r. 01 až r. 37	38	2 464 517,79	0,00	2 464 517,79	1 897 883,67

Výnosy

Číslo účtu	Výnosy	Číslo riadku	Činnosť			Bezprostredne predchádzajúce účtovné obdobie
			Hlavná nezdaňovaná	Podnikateľská zdaňovaná	Spolu	
a	b	c	1	2	3	4
601	Tržby za vlastné výroby	39	0,00	0,00	0,00	0,00
602	Tržby z predaja služieb	40	10 080,00	0,00	10 080,00	6 068,20
604	Tržby za predaný tovar	41	0,00	0,00	0,00	0,00
611	Zmena stavu zásob nedokončenej výroby	42	0,00	0,00	0,00	0,00
612	Zmena stavu zásob polotovarov	43	0,00	0,00	0,00	0,00
613	Zmena stavu zásob výrobkov	44	0,00	0,00	0,00	0,00
614	Zmena stavu zásob zvierat	45	0,00	0,00	0,00	0,00
621	Aktivácia materiálu a tovaru	46	0,00	0,00	0,00	0,00
622	Aktivácia vnútroorganizačných služieb	47	0,00	0,00	0,00	0,00
623	Aktivácia dlhodobého nehmotného majetku	48	0,00	0,00	0,00	0,00
624	Aktivácia dlhodobého hmotného majetku	49	0,00	0,00	0,00	0,00
641	Zmluvné pokuty a penále	50	0,00	0,00	0,00	0,00
642	Ostatné pokuty a penále	51	0,00	0,00	0,00	0,00
643	Platby za odpísané pohľadávky	52	0,00	0,00	0,00	0,00
644	Úroky	53	0,00	0,00	0,00	0,00
645	Kurzové zisky	54	0,00	0,00	0,00	10,75
646	Prijaté dary	55	1 332,00	0,00	1 332,00	1 332,00
647	Osobitné výnosy	56	0,00	0,00	0,00	0,00
648	Zákonné poplatky	57	0,00	0,00	0,00	0,00
649	Iné ostatné výnosy	58	439,52	0,00	439,52	733,60
651	Tržby z predaja dlhodobého nehmotného majetku a dlhodobého hmotného majetku	59	0,00	0,00	0,00	0,00
652	Výnosy z dlhodobého finančného majetku	60	0,00	0,00	0,00	0,00
653	Tržby z predaja cenných papierov a podielov	61	0,00	0,00	0,00	0,00
654	Tržby z predaja materiálu	62	0,00	0,00	0,00	0,00
655	Výnosy z krátkodobého finančného majetku	63	0,00	0,00	0,00	0,00
656	Výnosy z použitia fondu	64	0,00	0,00	0,00	0,00
657	Výnosy z precenenia cenných papierov	65	0,00	0,00	0,00	0,00
658	Výnosy z nájmu majetku	66	0,00	0,00	0,00	0,00
661	Prijaté príspevky od organizačných zložiek	67	0,00	0,00	0,00	0,00
662	Prijaté príspevky od právnických osôb	68	29 430,11	0,00	29 430,11	36 049,72
663	Prijaté príspevky od fyzických osôb	69	0,00	0,00	0,00	0,00
664	Prijaté členské príspevky	70	0,00	0,00	0,00	0,00
665	Príspevky z podielu zaplatenej dane	71	0,00	0,00	0,00	0,00
667	Prijaté príspevky z verejných zbierok	72	0,00	0,00	0,00	0,00
691	Dotácie	73	2 411 825,43	0,00	2 411 825,43	1 837 072,00
	Účtová trieda 6 spolu r. 39 až r. 73	74	2 453 107,06	0,00	2 453 107,06	1 881 266,27
	Výsledok hospodárenia pred zdanením r. 74 - r. 38	75	-11 410,73	0,00	-11 410,73	-16 617,40
591	Daň z príjmov	76	0,00	0,00	0,00	0,00
595	Dodatočné odvody dane z príjmov	77	0,00	0,00	0,00	0,00
	Výsledok hospodárenia po zdanení (r. 75 - (r. 76 + r. 77)) (+/-)	78	-11 410,73	0,00	-11 410,73	-16 617,40

Čl. I. Všeobecné informácie**1. Zakladateľ účtovnej jednotky:**

Názov zriaďovateľa: Slovenská akadémia vied
Sídlo zriaďovateľa: Štefánikova 49, 814 38 Bratislava
Názov účtovnej jednotky: Ústav zoológie SAV, v. v. i.
Sídlo účtovnej jednotky: Dúbravská cesta 9, 845 06 Bratislava
Dátum zriadenia: 1.1.2022
Spôsob zriadenia: zakladacia listina Slovenskej akadémie vied

2. Informácie o členoch štatutárnych orgánov, dozorných orgánov a iných orgánov účtovnej jednotky:

Štatutárny orgán: Ing. Ladislav Roller, PhD.
Zástupca štatutárneho orgánu: doc. RNDr. Ľubomír Vidlička, CSc.

Organizačná štruktúra:

Riaditeľ: Ing. Ladislav Roller, PhD.
Prvý zástupca riaditeľa: doc. RNDr. Ľubomír Vidlička, CSc.
Vedecký tajomník: Mgr. Igor Kokavec, PhD.
Vedúca ekonomického oddelenia: Ing. Danko Šitarčíková

Vedecká rada:

Predseda: RNDr. Mária Kazimírová, CSc.
Interní členovia: Mgr. Ivana Daubnerová, PhD.
prof. Ing. Ladislav Hamerlík, PhD.
RNDr. Juraj Koči, PhD.
Mgr. Marek Semelbauer, PhD.
Mgr. Radovan Václav, PhD.

Externí členovia: Mgr. Ján Kautman (SNM – Prírodovedné múzeum v Bratislave)
Doc. Dr.rer.nat. Peter Vďačný, PhD. (Katedra zoológie, PriFUK)
prof. RNDr. Michal Zeman, DrSc. (Katedra živočíšnej fyziológie a etológie,
Prírodovedecká fakulta UK)

Správna rada:

Predseda: Ing. Ladislav Roller, PhD.
Podpredsedníčka: Ing. Danko Šitarčíková
Členovia: Mgr. Martina Gáliková, PhD.
Prof. PeaDr. Pavol Prokop, DrSc.
doc. RNDr. Ľubomír Vidlička, CSc.

Dozorná rada:

Predseda: prof. RNDr. Karol Marhold, DrSc.
Členovia: prof. RNDr. Peter Fedor, DrSc.
Ing. Veronika Púčiková

Etická komisia:

Predseda: Mgr. Martina Gáliková, PhD.
Členovia: RNDr. Alžbeta Darolová, CSc.
Mgr. Peter Klepsatel, PhD.
Mgr. Veronika Rusňáková Tarageľová, PhD.
RNDr. Dušan Žitňan, DrSc.

3. Opis činnosti účtovnej jednotky:

Prevažujúcou hlavnou činnosťou organizácie je uskutočňovanie výskumu v odboroch vedy a techniky:

Zoológia (010620), Molekulárna biológia (010614), Genetika (010610), Biochémia (010403), Fyziológia živočíchov (010614), Etológia (010606), Evolučná biológia (010607), Parazitológia (010618), Hydrobiológia (010611), Ekológia (010605), Ostatné príbuzné odbory poľnohospodárskych vied, lesníctva a rybárstva (040199), Ostatné príbuzné odbory veterinárnych vied (040399)

Ďalšími hlavnými činnosťami organizácie sú:

- a) zabezpečovanie a správa infraštruktúry výskumu a vývoja, ku ktorej má organizácia vlastnícke právo alebo iné právo, rozsah infraštruktúry výskumu a vývoja, práva ku ktorej organizácia nadobudla zmenou právnej formy

organizácie na verejnú výskumnú inštitúciu dňa 1.1.2022, vyplýva z protokolu medzi Slovenskou akadémiou vied a organizáciou podľa§ 21aa ods. 11 zákona o akadémii,

- b) získavanie, spracúvanie a šírenie informácií z oblasti vedy a techniky a poznatkov z vlastného výskumu a vývoja organizácie, a to v odboroch uvedených v ods.1, vydávanie časopisu BIOLÓGIA (ISSN:0006-3088),
- c) podieľanie sa v spolupráci s vysokou školou na uskutočňovaní študijných programov tretieho stupňa vysokoškolského štúdia, a to študijných programov zoológia a molekulárna biológia v študijnom odbore biológia,
- d) spolupráca v oblasti vedy a techniky s vysokými školami, ostatnými právnickými osobami uskutočňujúcimi výskum a vývoj a s podnikateľmi v uvedených odboroch,
- e) spolupráca s mnohými domácimi aj zahraničnými ústavmi a univerzitami, ktoré majú podobné výskumné zameranie,
- f) poskytovanie služieb pre verejnosť (expertízy, monitoring, vyšetrenie kliešťa,...)

4. Priemerný prepočítaný počet zamestnancov a z toho počet vedúcich zamestnancov účtovnej jednotky za účtovné obdobie:

	Bežné účtovné obdobie	Počet hodín vykonávania dobrovoľníckej činnosti
Priemerný prepočítaný počet zamestnancov	45,4	x
z toho počet vedúcich zamestnancov	7	x
Počet dobrovoľníkov vyslaných účtovnou jednotkou	-	x
Počet dobrovoľníkov, ktorí vykonávali dobrovoľnícku činnosť pre účtovnú jednotku počas účtovného obdobia	-	x

5. Organizačná štruktúra:

Riaditeľ:	Ing. Ladislav Roller, PhD.
Prvý zástupca riaditeľa:	doc. RNDr. Ľubomír Vidlička, CSc.
Vedecký tajomník:	Mgr. Igor Kokavec, PhD.
Vedúca ekonomického oddelenia:	Ing. Danko Sitarčíková
Vedecké oddelenia:	oddelenie ekológie živočíchov oddelenie systematiky živočíchov oddelenie medicínskej zoológie oddelenie molekulárnej fyziológie oddelenie genetiky a ekofyziológie ekonomické oddelenie
Detašované pracoviská:	Terénna výskumná stanica v Gabčíkove

Čl. II Informácie o účtovných zásadách a účtovných metódach

1. Účtovná závierka bola zostavená za predpokladu nepretržitého trvania jej činnosti.
2. Účtovná jednotka účtuje od 1.1.2022 v súlade s Postupmi účtovania pre účtovné jednotky nezriadené alebo nezaložené na účel podnikania v zmysle konsolidovaného znenia právneho predpisu: „Opatrenie Ministerstva financií Slovenskej republiky zo 14. novembra 2007 č. MF/24342/2007-74“. Zmeny účtovných metód a zásad nastali z dôvodu usmernení MF SR vydaných počas roka 2024 k tomuto predpisu, ktoré správca kapitoly SAV premietol do Pokynov pre všetky VVI, z dôvodu jednotného vykazovania a dodržiavania zásad opatrnosti vzhľadom ku konsolidovanej účtovnej závierke, ktorú správca kapitoly zostavuje.

Usmernenie č. MF/006583/2024-74 zo dňa 23.1.2024

- V zmysle tohto usmernenia verejné výskumné inštitúcie, ktoré majú uzavreté s poskytovateľom dotácií viacročné zmluvy o pridelení dotácie účtujú o pohľadávke voči poskytovateľovi dotácie na ročnej báze. Všetky zaúčtované pohľadávky o pridelení dotácií „prísľuby“ na nasledujúce roky boli v roku 2024 odúčtované, čím sa znížila celková hodnota majetku organizácie.
- Pri dodržaní aktuálneho princípu v rámci účtovného obdobia a vykázania nákladov a výnosov z titulu dotácie a jej použitia v rámci príslušného účtovného obdobia, bude VVI účtovať predpis dotácie na strane MD 346 a na strane Dal účtu 384. Následne v priebehu účtovného obdobia v časovej a vecnej súvislosti s účtovaním nákladov bude zúčtovávať účet 384 do výnosov na účte 691 – Dotácie.

Usmernenie č. MF/008411/2024-74 zo dňa 8.3.2024

- V zmysle usmernenia č. MF/24342/2007-74“ verejné výskumné inštitúcie, ktoré účtujú o refundačných dotáciách, ktoré boli financované z vlastných zdrojov v minulých účtovných obdobiach, ak sa takáto refundačná dotácia nepoužije v období, v ktorom bola prijatá, VVI je v súlade s §45 ods. 8 opatrenia povinná ju časovo rozlíšiť a preúčtovať prostredníctvom účtu 384 – Výnosy budúcich období.
- Nakoľko refundácie nie sú vlastným zdrojom, ale transferom, ktorý je VVI pri jeho následnom používaní povinná uvádzať na mesačnej báze vo výkazoch FIN-12 a súčasne zahrnúť do tabuľky č. 191 odsúhlasovacieho formulára konsolidačného balíka, bude VVI účtovať tieto dotácie na účte 384 – Výnosy budúcich období a následne v časovej a vecnej súvislosti s účtovaním nákladov ich bude zúčtovávať na účte 691 – Dotácie.

3. Spôsob ocenenia jednotlivých položiek majetku a záväzkov:
 - a) dlhodobý nehmotný a hmotný majetok nakupovaný sa oceňuje obstarávacou cenou. Obstarávacia cena zahŕňa cenu, za ktorú sa majetok obstaral a vedľajšie náklady súvisiace s jeho obstaraním (clo, preprava, montáž, poistné a pod.).
 - b) dlhodobý majetok nadobudnutý bezodplatným prevodom pri splnutí, zlúčení, rozdelení alebo pri prevode správy sa oceňuje cenou, v ktorej sa doteraz viedol v účtovníctve. Ak cenu nie je možné zistiť, oceňuje sa reálnou cenou. Dlhodobý majetok obstaraný iným spôsobom (napr. bezodplatne nadobudnutý majetok, novozistený majetok pri inventarizácii) sa oceňuje reálnou cenou. Reálnou hodnotou sa rozumie cena, ktorá sa stanoví kvalifikovaným odhadom, ktorý vychádza spravidla zo súčasnej hodnoty budúcich peňažných príjmov z majetku a budúcich peňažných výdavkov na majetok; diskontná sadzba sa určí ako vnútorná miera návratnosti požadovaná investormi pre daný druh majetku ku dňu jeho ocenenia, za ktorú by sa majetok obstaral v čase, keď sa o ňom účtuje.
 - c) zásoby sa oceňujú obstarávacou cenou, ktorá zahŕňa cenu obstarania a náklady súvisiace s obstaraním (clo, preprava, poistné a pod.)
 - d) pohľadávky pri ich vzniku sa oceňujú menovitou hodnotou.

- e) finančné prostriedky a ceniny sa oceňujú ich menovitou hodnotou.
- f) príjmy budúcich období a náklady budúcich období sa vykazujú vo výške, ktorá je potrebná na dodržanie zásady vecnej a časovej súvislosti s účtovným obdobím.
- g) záväzky pri ich vzniku sa oceňujú ich menovitou hodnotou.
- h) rezervy sú záväzky s neistým časovým vymedzením alebo výškou, tvoria sa na základe opatrnosti a oceňujú sa v očakávanej výške záväzku v sume dostatočnej na jeho splnenie.
- i) výdavky budúcich období a výnosy budúcich období sa vykazujú vo výške, ktorá je potrebná na dodržanie zásady vecnej a časovej súvislosti s účtovným obdobím.
- j) opravné položky k pohľadávkam sa tvoria na základe zásady opatrnosti, vyjadrujú prechodné zníženie ich hodnoty
- k) účtovná jednotka nie je platiteľom dane z pridanej hodnoty. V prípadoch, keď dodávateľia sú platiteľmi DPH, fakturovaná DPH je súčasťou ocenenia dlhodobého majetku, zásob, nákladov.
- l) prepočet údajov v cudzích menách: Majetok a záväzky vyjadrené v cudzej mene sa prepočítavajú na menu euro referenčným výmenným kurzom určeným a vyhláseným Európskou centrálnou bankou v deň predchádzajúci dňu uskutočnenia účtovného prípadu resp. v deň, ku ktorému sa zostavuje účtovná závierka. Na ocenenie prírastku cudzej meny nakúpenej za menu euro sa použije kurz, za ktorý bola táto cudzia mena nakúpená, alebo referenčný kurz v deň uzavretia obchodu. Na ocenenie prírastku cudzej meny v mene euro nakúpenej za inú cudziu menu sa použije hodnota inej cudzej meny v eurách alebo sa na ocenenie prírastku cudzej meny v eurách použije referenčný kurz v deň uzavretia obchodu.

4. Spôsob zostavenia odpisového plánu dlhodobého hmotného a nehmotného majetku:

Odpisy dlhodobého majetku boli stanovené v súlade so zákonom o účtovníctve. Pri stanovení doby odpisovania sa vychádzalo z predpokladanej doby jeho používania a predpokladaného priebehu jeho opotrebenia. Odpisovať sa začína prvým dňom mesiaca, v ktorom bol dlhodobý majetok zaradený do používania. Metóda odpisovania je rovnomerná podľa § 27 zákona č. 595/2003 Z. z. o dani z príjmov v znení neskorších právnych predpisov.

Predpokladaná doba používania dlhodobého majetku:

Druh dlhodobého majetku	Doba odpisovania	Sadzba odpisov	Odpisová metóda
Dlhodobý nehmotný majetok	4	25%	účtovná
Dlhodobý hmotný majetok			
- budovy, inžinierske stavby	50	2%	účtovná
- stroje, prístroje a zariadenia	4-15	6,67% - 25%	účtovná
- dopravné prostriedky	4 -6	16,67% - 25%	účtovná

Drobný nehmotný majetok do 2 400 Eur, ktorý podľa rozhodnutia účtovnej jednotky nie je dlhodobým majetkom, sa účtuje do nákladov na účet 518 – Ostatné služby.

Drobný hmotný majetok do 1 700 Eur, ktorý podľa rozhodnutia účtovnej jednotky nie je dlhodobým majetkom, sa považuje za zásoby a účtuje sa do nákladov pri jeho vydaní do spotreby/ účtuje sa do nákladov na účet 501 – Spotreba materiálu.

Čl. III Informácie, ktoré dopĺňajú a vysvetľujú údaje v súvahe

1. Účtovná jednotka k 31.12.2024 eviduje prírastky DHM vo výške 5 227,03 Eur na účte 022- Stroje, prístroje, zariadenia, ide o nákup laboratórnych prístrojov – čítačka čipov a anestéziologický prístroj. Úbytky účtovná jednotka k 31.12.2024 neeviduje.
2. Významné sumy pohľadávok v nadväznosti na položky súvahy, v členení na pohľadávky za hlavnú nezdaňovanú činnosť a zdaňovanú činnosť účtovná jednotka k 31.12.2024 neeviduje.

K 31.12.2023 účtovná jednotka evidovala významné pohľadávky vo výške 411 729,00 Eur.

Druh a opis významných položiek pohľadávok	Hlavná nezdaňovaná činnosť	Zdaňovaná činnosť
Pohľadávky z dôvodu finančných vzťahov k ŠR /prísľuby z APVV zmlúv na roky 2024-2027/	398 529,00	-
Pohľadávky z dôvodu finančných vzťahov k ŠR /zmluva s Úradom vlády, štipendium Ukrajina/	13 200,00	-
	411 729,00	-

Na základe pokynu z Ekonomicko-technického odboru Úradu SAV a Ministerstva financií Slovenskej republiky boli k 1.1.2024 prísľuby z priznaných dotácií na roky 2025-2027 odúčtované.

3. Prehľad pohľadávok do uplynutia lehoty splatnosti a po uplynutí lehoty splatnosti.

Pohľadávky	Stav na konci bezprostredne predchádzajúceho účtovného obdobia	Stav na konci bežného účtovného obdobia
- do uplynutia lehoty splatnosti	412 832,04	2 404,00
- po uplynutí lehoty splatnosti	0,00	0,00
Spolu	412 832,04	2 404,00

4. Opis a výška zmien vlastného imania v priebehu bežného účtovného obdobia podľa položiek súvahy.

	Stav na začiatku bežného účtovného obdobia	Prírastky (+)	Úbytky (-)	Presuny (+, -)	Stav na konci bežného účtovného obdobia
Vlastné imanie					
Základné imanie	2,92				2,92
z toho:					
- nadačné imanie v nadácii					
- vklady zakladateľov					
- prioritný majetok					

Fondy tvorené podľa osobitných predpisov					
Fond reprodukcie					
Oceňovacie rozdiely z precenenia kapitálových účastín					
Fondy tvorené zo zisku					
Rezervný fond	3 605,55				3 605,55
Fondy tvorené zo zisku					
Ostatné fondy					
Výsledok hospodárenia					
Nevysporiadaný výsledok hospodárenia minulých rokov	87 711,97			-16 617,40	71 094,57
Výsledok hospodárenia účtovného obdobia	-16 617,40	-11 410,73		16 617,40	-11 410,73
Spolu	74 703,04	-11 410,73	0,00	0,00	63 292,31

5. Informácia o rozdelení účtovného zisku alebo o vysporiadaní účtovnej straty za bezprostredne predchádzajúce účtovné obdobie.

Názov položky	Bezprostredne predchádzajúce účtovné obdobie
Účtovný zisk	-
Rozdelenie účtovného zisku	
Prídel do základného imania	-
Prídel do fondov tvorených podľa osobitných predpisov	-
Prídel do fondu reprodukcie	-
Prídel do rezervného fondu	-
Prídel do fondov tvorených zo zisku	-
Prídel do ostatných fondov	-
Úhrada straty minulých období	-

Prevod do sociálneho fondu	-
Prevod do nevysporiadaného výsledku hospodárenia minulých rokov	-
Iné	-
Účtovná strata	- 16 617,40
Vysporiadanie účtovnej straty	
Zo základného imania	-
Z rezervného fondu	-
Z fondov tvorených zo zisku	-
Z ostatných fondov	-
Z nerozdeleného zisku minulých rokov	-
Prevod do nevysporiadaného výsledku hospodárenia minulých rokov	-16 617,40
Iné	-

6. Údaje o významných sumách záväzkov v nadväznosti na položky súvahy, v členení na záväzky za hlavnú nezdaňovanú činnosť a zdaňovanú činnosť.

Druh a opis významných položiek záväzkov	Hlavná nezdaňovaná činnosť	Zdaňovaná činnosť
Dlhodobé záväzky – so sociálneho fondu	2 047,62	-
Krátkodobé záväzky – nevyfakturované dodávky	1 263,40	-
Transfery a ostatné zúčtovanie so subj.mimo VS	172 398,13	-
Výnosy budúcich období	1 258 758,52	-
Spolu	1 434 467,67	-

7. Prehľad záväzkov do uplynutia lehoty splatnosti a po uplynutí lehoty splatnosti.

Záväzky	Stav na konci bezprostredne predchádzajúceho účtovného obdobia	Stav na konci bežného účtovného obdobia
- do uplynutia lehoty splatnosti	39 091,66	189 029,13
- po uplynutí lehoty splatnosti	-	-
Spolu	39 091,66	189 029,13

Zvýšenie krátkodobých záväzkov v bežnom účtovnom období vzniklo z dôvodu prijatých dotácií (transferov) na rok 2025 v roku 2024 od Agentúry na podporu výskumu a vývoja. Na základe usmernenia Ministerstva financií SR a Úradu SAV boli

prijaté dotácie (transfery) vo výške 186 424,- Eur zaúčtované v roku 2024 na účet 346- Dotácie. Následne v roku 2025 bol zaúčtovaný predpis dotácie na účet 346 MD / 384 DAL.

8. Prehľad o začiatočnom stave, tvorbe, čerpaní a konečnom zostatku sociálneho fondu v priebehu bežného účtovného obdobia.

Sociálny fond	Suma
Stav k prvému dňu bežného účtovného obdobia	988,29
Tvorba na ťarchu nákladov	11 592,93
Tvorba zo zisku	-
Čerpanie	-10 533,60
Stav k poslednému dňu bežného účtovného obdobia	2 047,62

9. Prehľad výnosov budúcich období v členení podľa jednotlivých druhov a v členení na dlhodobé výnosy budúcich období a krátkodobé výnosy budúcich období.

Položky výnosov budúcich období - dlhodobé z dôvodu	Stav na konci bezprostredne predchádzajúceho účtovného obdobia	Stav na konci bežného účtovného obdobia
bezodplatne nadobudnutého dlhodobého majetku	-	-
dlhodobého majetku obstaraného z verejných zdrojov	571 451,07	806 976,32
dlhodobého majetku obstaraného z finančného daru	-	-
dlhodobého majetku obstaraného z podielu zaplatenej dane	-	-
dlhodobého majetku obstaraného zo sponzorského	-	-
nepoužitého sponzorského	-	-
iné	-	-
Spolu	571 451,07	806 976,32

Položky výnosov budúcich období - krátkodobé z dôvodu	Stav na konci bezprostredne predchádzajúceho účtovného obdobia	Stav na konci bežného účtovného obdobia
dotácie zo štátneho rozpočtu a z prostriedkov Európskej únie	284 560,45	624 180,33
dotácie z rozpočtu obce a z rozpočtu vyššieho územného celku	-	-
zostatku podielu zaplatenej dane	-	-
nepoužitého sponzorského	-	-
iné	-	-
Spolu	284 560,45	624 180,33

Čl. IV Informácie, ktoré dopĺňajú a vysvetľujú údaje vo výkaze ziskov a strát

- (1) Prehľad tržieb za vlastné výkony a tovar s uvedením ich opisu a vyčíslením hodnoty tržieb podľa jednotlivých hlavných druhov výrobkov, služieb hlavnej nezdaňovanej činnosti a zdaňovanej činnosti účtovnej jednotky za bežné účtovné obdobie.

Druh a opis tržieb	Hlavná nezdaňovaná činnosť	Zdaňovaná činnosť
602- tržby z predaja služieb	10 080,00	-
645- kurzové zisky	-	-
646- prijaté dary	1 332,00	-
647- osobitné výnosy	-	-
649- ostatné výnosy	439,52	-
662- prijaté príspevky od iných organizácií	29 430,11	-
691- dotácie	2 411 825,43	-
Spolu:	2 453 107,06	-

- (2) Opis a vyčíslenie hodnoty významných súm v nadväznosti na položky výkazu ziskov a strát v členení na nepeňažné dary, osobitné výnosy, zákonné poplatky a iné ostatné výnosy za bezprostredne predchádzajúce účtovné obdobie a za bežné účtovné obdobie.

646- prijaté dary- jedná sa o odpisy motorového vozidla Suzuki Vitara, ktoré bolo na základe Darovacej zmluvy, zaradené do evidencie dlhodobého majetku a ktorého obstarávací cena je vo výške 5 325,- Eur, obstarávací cena motorového vozidla Suzuki Vitara bola stanovená na základe prieskumu trhu. Suma 1 332,- Eur zodpovedá ročnému odpisu majetku.

649- ostatné výnosy- jedná sa o centové vyrovnanie zo zaokrúhľovania cien na faktúrach, pokladničných dokladoch a položiek skladu, preplatok za ročné zúčtovanie zdravotného poistenia VŠZP a UNION-u, vrátenie nespotrebovaného poistenia /HP, PZP, Dôvera/.

Druh a opis významných súm výnosov	Stav na konci bezprostredne predchádzajúceho účtovného obdobia	Stav na konci bežného účtovného obdobia
646- prijaté dary	1 332,00	1 332,00
647- osobitné výnosy	-	-
649- ostatné výnosy	733,60	439,52
Spolu:	2 065,60	1 771,52

(3) Prehľad významných súm dotácií zo štátneho rozpočtu, štátnych fondov, z prostriedkov Európskej únie, dotácií z rozpočtu obce a z rozpočtu vyššieho územného celku, ktoré účtovná jednotka prijala v bezprostredne predchádzajúcom účtovnom období a v bežnom účtovnom období.

Druh a opis významných súm dotácií a grantov	Stav na konci bezprostredne predchádzajúceho účtovného obdobia	Stav na konci bežného účtovného obdobia
662- prijaté príspevky od iných organizácií	36 049,72	29 430,11
691- dotácie	1 837 072,00	2 411 825,43
Spolu:	1 873 121,72	2 441 255,54

(4) Opis a vyčíslenie hodnoty významných súm v nadväznosti na položky výkazu ziskov a strát v členení na nepeňažné dary, náklady na ostatné služby, osobitné náklady a iné ostatné náklady poskytnuté v bežnom účtovnom období.

Druh a opis významných položiek nákladov	Stav na konci bezprostredne predchádzajúceho účtovného obdobia	Stav na konci bežného účtovného obdobia
501- spotreba materiálu	151 943,70	320 601,40
502- spotreba energie	11 679,02	17 442,34
511- opravy a udržiavanie	30 936,20	11 488,12
512- cestovné	46 784,14	94 023,62
513- náklady na reprezentáciu	1 195,12	1 923,26
518- ostatné služby	41 151,01	63 917,22
521- mzdové náklady	1 045 139,58	1 297 453,88
524- zákonné sociálne poistenie a zdravotné poistenie	356 003,24	453 520,19

525- ostatné sociálne poistenie	2 280,00	7 080,00
527- zákonné sociálne náklady	45 744,59	61 962,34
532- daň z nehnuteľností	67,89	87,13
538- ostatné dane a poplatky	2 064,84	3 295,07
542- ostatné pokuty a penále	1 500,00	0,00
545- kurzové straty	93,16	647,45
549- iné ostatné náklady	63 809,54	95 326,37
551- odpisy dlhodobého HM a NM	97 491,64	35 749,40
Spolu:	1 897 883,67	2 464 517,79

ČI. V Opis údajov na podsúvahových účtoch

1. Účtovná jednotka vedie na podsúvahových účtoch evidenciu majetku, ktorý spĺňa kritéria drobného majetku v obstarávacej cene nižšej ako 1 700,- Eur a drobného nehmotného majetku v obstarávacej cene nižšej ako 2 400,- Eur.
2. Nakoľko v roku 2021 došlo k vyhláseniu našej nehnuteľnosti Dvor roľnícky v Stankovanoch, obec Stankovany, súpisné číslo 522 evidované na pozemku parcelné číslo 2370, list vlastníctva č. 304 za kultúrnu pamiatku, v roku 2023 sme preúčtovali ID 081/021 a vedíme ho na podsúvahovom účte 791 021- podsúvahový účet- DHM- Podšíp.
3. Na podsúvahovom účte 791 900- podsúvahový účet- DIM- toxické látky účtovná jednotka vedie evidenciu toxických látok.

ČI. VI Ďalšie informácie

1. Prehľad nehnuteľných kultúrnych pamiatok, ktoré sú v správe alebo vo vlastníctve účtovnej jednotky:
Dvor roľnícky v Stankovanoch, obec Stankovany, súpisné číslo 522 evidovaný na pozemku parcelné číslo 2370, list vlastníctva č. 304.
2. Podľa § 21aa zákona č. 133/2002 Z. z. o Slovenskej akadémii vied v znení neskorších predpisov od 1.1.2022 účtovná jednotka zmenila právnu formu hospodárenia na verejnú výskumnú inštitúciu. Zakladateľom je Slovenská akadémia vied.
3. Informácie o významných skutočnostiach, ktoré nastali medzi dňom, ku ktorému sa zostavuje účtovná závierka a dňom jej zostavenia: ku dňu zostavenia účtovnej závierky nenastali žiadne významné skutočnosti.
4. V roku 2024 došlo na základe Zmluvy o prevode obchodného podielu k prevodu obchodného podielu vo výške 10 % (výška vkladu 995,817567 Eur), ktorý mal Ústav zoológie SAV v spoločnosti Entomological Problems s. r. o., v zmysle §35 ods. 3 písm. c) zákona o v. v. i., po súhlase Dozornej rady Ústavu zoológie SAV, v. v. i..
5. V roku 2024 bola na základe rozhodnutia Riaditeľa zrušená knižnica Ústavu zoológie SAV, v.v.i. evidovaná na Ministerstve kultúry SR pod číslom 3998/2000-400/0141, nakoľko si z dôvodu chýbajúceho personálu a nedostatku finančných zdrojov nedokázala plniť všetky povinnosti, ktoré jej stanovil zákon č. 126/2015 Z. z. o knižniciach. Na základe tohto rozhodnutia bola knižnica vymazaná zo Zoznamu knižníc SR.