

PALACKÝ UNIVERSITY OLOMOUČ

Faculty of Science



Details for habilitation procedure in Ecology

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(Department of Agroecology and Biometeorology, CULS Prague)

Prague 2017

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CURRICULUM VITAE

Date and place of birth: 17th August 1980, Poprad, Slovak Republic

Education

- Period 2006 – 2010
- Degree Ph.D. in Ecology
- Institution Department of Botany and Zoology, Faculty of Science, Masaryk University, Kotlářská 2, Brno, Czech Republic
- Thesis: Tritrophic relationships of arboreal spiders (defence of Ph.D. thesis – 7th September 2010)

- Period 2004 – 2006
- Degree M.Sc.
- Institution Faculty of Natural Science, Matej Bel University, Banská Bystrica, Slovak Republic
- Thesis Ecological-zoogeographic analyse of spiders (Araneae) of the massif Panský diel (Central Slovakia)

- Period 2001 – 2004
- Degree B.A.
- Institution Faculty of Natural Science, Matej Bel University, Banská Bystrica, Slovak Republic
- Thesis Spiders (Araneae) as model organisms in biomonitoring and nature conservation

Work experiences

- Period 2010 – present
- Activity Research assistant, pedagogue from 2013
- Institution Department of Agroecology and Biometeorology, Faculty of Agrobiology, Food and Natural Resources, Czech University of Life Sciences Prague, Kamýcká 129, 165 21 Prague 6, Suchbát, Czech Republic, contact person: prof. Josef Soukup, soukup@af.czu.cz

- Period 2007 – 2012
- Activity Research assistant
- Institution Department of Botany and Zoology, Faculty of Science, Masaryk University, Kotlářská 2, 611 37 Brno, Czech Republic, contact person: prof. Stano Pekár, pekar@sci.muni.cz

- Period 2006 – 2007
- Activity Research assistant

- **Institution** Mendel University in Brno, Faculty of Forestry and Wood Technology, Department of Forest Protection and Wildlife Management, Zemědělská 3, 613 00 Brno, Czech Republic, contact person: prof. Emanuel Kula, kula@mendelu.cz

Research interest

My work area is behavioural ecology and relative disciplines. I concentrate on behaviour, foraging, predator-prey interaction, host-parasitoid interaction and spider potential in bioindication and pest suppression. I work on relationship between spiders and their environment (habitat association and response to human activities e.g. management, pesticide treatment). I study tritrophic relationships in system spider-prey-parasitoid. This includes relationships between spiders and parasitoids (e.g. host preference, host manipulation), between spiders and prey (e.g. prey preference, pest suppression) and among spiders each other (e.g. intraguild predation, competition). I try to solve both, the basic ecological problems and the practical ecological problems in agriculture, horticulture and forestry.

Scientific society memberships

SARAS (Slovak Arachnological Society)
ESA (Europea Society of Arachnology)
CAS (Czech Arachnological Society)
SZO (Slovak Zoological Society)

Stays and field experiences

2016 – 2017 – Israel, Mitrani Department of Desert Ecology, Ben-Gurion University of the Negev, laboratory of prof. Yeal Lubin – two one week stays (30th March – 6th April 2016 and 30th March – 5th April 2017).

2008 – 2017 – Portugal, Central and South territories, collaboration with laboratory of prof. S. Pekár, Masaryk University and Universidade de Évora – research of ground dwelling spiders and their parasitoids – nine one-week field stays.

2014 – Italy, Piemonte region, Torino, Università di Torino, laboratory of dr. Marco Isaia, Dipartimento di Scienze della Vita e Biologia dei Sistemi – research of parasitoids of arboreal spiders – one-week stay (27th October – 1st November).

2013 – Australia, Brisbane, University of Queensland, laboratory of prof. Gimme Walter, School of Biological Sciences (1st July – 28th November).

2013 – South Africa, University of Free State in Bloemfontein, laboratory of dr. Charles Haddad (3rd March – 17th March 2013).

2012 – Italy, Piemonte region, Torino, Università di Torino, laboratory of dr. Marco Isaia, Dipartimento di Scienze della Vita e Biologia dei Sistemi – research of parasitoids of arboreal spiders – one-week stay (29th October – 3rd November).

2012 – Spain, Malaga and Granada – collaboration of laboratory of prof. S. Pekár, Masaryk University – research of ground dwelling spiders and their parasitoids – one-week field stay.

2011 – Italy, Piemonte region, Torino, Università di Torino, laboratory of Dr. Marco Isaia, Dipartimento di Scienze della Vita e Biologia dei Sistemi – research of parasitoids of arboreal spiders – one-week stay (1st November – 6th November).

2010 – Italy, Piemonte region, Torino, Università di Torino, laboratory of Dr. Marco Isaia, Dipartimento di Scienze della Vita e Biologia dei Sistemi – funded by European Science Foundation, Framework of thermal adaptation in ectotherms: linking life history, physiology, behaviour and genetics – one-week stay (25th October – 30th October).

2009 – Italy, Piemonte region, Torino, Università di Torino, laboratory of Dr. Marco Isaia, Dipartimento di Scienze della Vita e Biologia dei Sistemi – research of parasitoids of arboreal spiders – one-week stays (30th October – 7th November).

PEDAGOGICAL ACTIVITY

Lecturing

2011 – present – course: Basic principles of agroecology (Základy Agroekologie) – courses, winter half. Czech University of Life Science, Prague (e.g. seven double-classes per week, e.g. 110 students per year in 2016, 50 % of lecturing).

2011 – present – course: Agroecology (Agroekologie) – courses, summer half. Czech University of Life Science, Prague (e.g. four double-classes per week, e.g. 33 students per year in 2016, 50 % of lecturing).

2013 – present – course: Zoological practice (EKO/TZP) (Terénní zoologická praxe) – field courses. Palacký University Olomouc, five 3-5 day courses (external lecturer of arachnology) (20 – 35 students per year, 15 % of lecturing).

Invited lecturing

1. Korenko S. Spiders, parasitoids and their interaction in ecological fruit orchards in Piemonte. Università di Torino, 26th October 2010 (contact – dr. Marco Isaia).
2. Korenko S. Host-specific manipulation by a parasitoid. University of Free State in Bloemfontein, Republic of South Africa, 15th March 2013 (contact – dr. Charles Haddad).
3. Korenko S. Interactions between spiders (Araneae) and parasitoid wasps (Polysphinctini). Evtebratologický seminář, Ústav Botaniky a Zoologie, Masaryk University in Brno, 28th March 2013 (contact – prof. Stano Pekár).
4. Korenko S. Co-evolution between spiders (Araneae) and parasitoid wasps (Polysphinctini). Seminář Etologie a Ekologie živočichů, Palacký University in Olomouc, 15th – 16th April 2013 (contact – dr. Ivan H. Tuf).

5. Korenko S. Spider parasitoids - Polysphinctini. School of Biological Science, University of Queensland, Australia, 26th July 2013 (contact – prof. Gimme Walter).
6. Korenko S. Polysphinctine parasitoids (Hymenoptera, Ichneumonidae, Polysphinctini) associated with spiders (Araneae, Orbiculariae). University of Melbourne, Department of Zoology, Australia, 26th August 2013 (contact – prof. Mark Elgar).
7. Korenko S. Behavioural manipulation of spiders by their wasp parasitoids (Hymenoptera, Ichneumonidae, Polysphinctini). School of Biological Science, University of Queensland, Australia, 17th November 2013 (contact – prof. Gimme Walter).

Supervising of bachelor thesis

After defence:

1. Manipulace chování pavouků parazity a parazitoidy, author: Josef Arnošt, 2013/14 – FAFNR, CULS in Prague.
2. Invazní druhy pavoukoců (Arachnida) v České republice, author: Kateřina Čížková, 2013/14 – FAFNR, CULS in Prague.
3. Predační strategie pavouků (Araneae) a jejich využití v biologickém boji, author: Lenka Jánošíková, 2012/13 – FAFNR, CULS in Prague.
4. Subletální vliv pesticidů na pavouky (Araneae), author: Barbora Kodejšová, 2013/14 – FAFNR, CULS in Prague.
5. Potravní specializace u pavouků, author: Bc. Pavel Ředina, 2014/15 – FAFNR, CULS in Prague.
6. Interakce mezi pavouky (Araneae) a jejich kořistí, author: Nerpas Marek, 2015/16 – FAFNR, CULS in Prague.
7. Biologie blanokřídlých parazitoidů (Ichneumonidae, *Polysphincta* group) asociovaných s pavouky v Palearktu, author: Rotterová Sára, 2015/16 – FAFNR, CULS in Prague.
8. Biologie štírů (Scorpiones), author: Albl Jan, 2016/17 – FAFNR, CULS in Prague.
9. Pavoučí jedy, author: Posseltová Markéta, 2016/17 – FAFNR, CULS in Prague.
10. Evoluce pavoučí sítě, author: Priadka Martin, 2016/17 – FAFNR, CULS in Prague.
11. Kutilkovití parazitoidi pavouků (Hymenoptera, Sphecidae), author: Sýkora Jakub, 2016/17 – FAFNR, CULS in Prague.
12. Kleptoparazitismus u pavouků, author: Doubková Tereza, 2016/17 – FAFNR, CULS in Prague.
13. Termoregulace pavouků, author: Pavlíková Barbora, 2016/17 – FAFNR, CULS in Prague.

Supervising:

1. Epigamní chování u pavoukoců, author: Žáčková Dagmar, FAFNR, CULS in Prague, defence: 2018.
2. Subletální efekt neonikotinoidů na bezobratlé, author: Anna Jelínková, FAFNR, CULS in Prague, defence: 2018.

3. Zimní aktivita pavouků (Araneae), author: Tereza Vildová, FAFNR, CULS in Prague, defense: 2018.
4. Komunikace u pavouků, author: Kateřina Kunzová, FAFNR, CULS in Prague, defense: 2018.
5. Chemická komunikace u pavouků a vliv pesticidů na ně, author: Aneta Říhová, FAFNR, CULS in Prague, defence: 2018.
6. Biorytmy a životní cykly pavouků (Araneae), author: Štěpánka Rozkovcová, FAFNR, CULS in Prague, defence: 2018.

Supervising of master thesis

After defence:

1. Analýza kořisti síťového pavouka *Phylloneta impressa* (L. Koch, 1881) na polní plodině řepce olejné (*Brassica napus* L.), author: Bc. Tereza Habrová, 2012/13 – FAFNR, CULS in Prague.
2. Predační strategie šplhalky keřové *Anyphaena accentuata* (Walckenaue, 1802) a její potravní spektrum mezi bezobratlými ovocných sadů, author: Bc. Marcela Kaplanová, 2012/13 – FAFNR, CULS in Prague.
3. Letální efekt širokospektrálního insekticidu Nurelle D na snovačku pečující *Phylloneta impressa* (L. Koch, 1881) (Araneae, Theridiidae), author: Milada Šimáňová, 2016/17 – FAFNR, CULS in Prague.
4. Analýza společenstva pavouků a jejich parazitodů ze skupiny *Polysphincta* na břehových porostech dvou geograficky vzdálených lokalit, author: Arnošt Josef, 2016/17 – FES, CULS in Prague.

Supervising:

1. Vliv pesticidů na predáční aktivitu epigeického pavouka *Pardosa lugubris* (Araneae, Lycosidae), author: Kodejšová Barbora, FES, CULS in Prague, defence: autumn 2017.
2. Efektivita manipulace chování pavoučího hostitele larvou parazitický lumků jako obrana proti predátorům (Ichneumonidae, *Polysphincta* group), author: Sára Rotterová, FAFNR, CULS in Prague, defence: May 2018.

Supervising of foreign students

1. Frédéric Leccia from AgroSup Dijon France. Title of the internship project: Chemical communication of agrobiont ground dwelling spiders (Lycosidae) and its disruption by pesticides, Internship period from 17th March to 17th August 2014.
2. Thiago Gechel Kloss from Universidade Federal de Viçosa, Brasil. Title of the internship project: Host parasitoid interactions, Internship period from 3rd August to 2nd September 2015.

Reviewer experiences of Ph.D., Master and Bachelor thesis

1. Krejčí T. 2017. Morfologické a histologické adaptace reprodukčních a snovacích orgánů araneomorfních pavouků. CULS in Prague, Ph.D. thesis.
2. Křištofová L. 2017. Subletální vliv agrochemikálií na slíďáky rodu *Pardosa*. USB in České Budejovice, Master thesis.
3. Surovcová K. 2017. Vlivy pesticidů používaných ve vinohradnické praxi na necílové organizmy. MENDELU in Brno, Bachelor thesis.
4. Košulič O. 2015. Viniční terasy jako refugia pro výskyt xerothermních druhů pavouků (Araneae) a jejich bioindikační využití v hodnocení kvality životního prostředí a úrovně biodiverzity. MENDELU in Brno, Ph.D. thesis.
5. Siegelová E. 2015. Sukcese pavoučích společenstev v lomech Českého krasu. CU in Prague, Master thesis.
6. Fišáková A. 2013. Arachnofauna kmenů a korun dřevin v okolí liniových staveb. MENDELU in Brno, Master thesis.
7. Krejsová K. 2011. Potravní specializace na suchozemské stejnonožce u pavouku rodu *Dysdera*. FES, CULS in Prague, Master thesis.
8. Lášek P. 2011. Opatření pro podporu populací predátorů regulujících škůdce v agroekosystémech. FES, CULS in Prague, Bachelor thesis.
9. Líznarová E. 2008. Funkční odpověď v lovu kořisti u myrmekofágických pavouků. MU in Brno, Bachelor thesis.

Other activities

Author of scientific information website about spiders (in Czech and Slovak) – www.pavuky.eu. Web site deals with diversity and biology of spiders with emphasis on Europe species. Webside contains “Identification key for spiders” – identification key for European spider fauna (<http://pavuky.eu/identifikacny-kluc/>). Website Includes descriptions of families/genera/species (all common and important species), identification keys of most of 39 families occurring in Central Europe and extensive photo gallery. Webside serves like communication channel with Slovak and Czech public interested for arachnology from 2016.

Member of editor body of Spider Boulevard – bulletin from the world of arachnids and insect (<http://pavuky.eu/category/spider-boulevard/>)

Contributing author at Spider Boulevard (<http://pavuky.eu/category/spider-boulevard/>)

Member of Commitions for project evaluation Kontakt II and COST at Crop Research Institute, Ruzyne – Prague (2014 – 2017) (Supplement 3).

SCIENTIFIC ACTIVITY

Summary

- articles in journals with impact factor: 21 (Source: WoS, 21. 7. 2017)
- articles in submission to journal with IF: 4
- monography and chapter in monography: 1 and 1
- articles in reviewed journals without IF: 13
- lecturing or poster in foreign conference: 23
- lecturing or poster in conference in Czech Republic: 21
- summ of the times cited: 132, without self citation: 112 (Source: WoS, 21. 7. 2017, citation report in Supplement 1)
- summ of the times cited from Google Scholar including self citations: 218 (Source: Google Scholar, 21. 7. 2017, citation report in Supplement 2)
- h-index WoS: 8 (Source: WOS, 21. 7. 2017)

Articles in journals with impact factor

Citation report in Supplement 1. IF means impact factor (WoS) from year when manuscript was published (or year before if IF was not calculated yet).

1. Takasuka K, Korenko S, Kysilková K, Štefánik M, Černecká L, Mihál I, Dolejš P, Holý K. 2017. Host utilization of koinobiont spider-ectoparasitoids (Ichneumonidae, Ephialtini, *Polysphincta* genus-group) associated with *Cyclosa* spp. (Araneae, Araneidae) across the Palaearctic. **Zoologischer Anzeiger** 267, 8-14. **IF 1.512**
2. Petráková L, Michalko R, Loverre P, Sentenská L, Korenko S, Pekár S. 2016. Intraguild predation in a pear orchard in winter: quantification of predation on pear psylla and among winter-active spiders (Psyllidae, Araneae). **Agriculture, Ecosystems and Environment** 233, 67-74. **IF 3.564**
3. Korenko S, Potopová V, Satrapová J, Pekár S. 2016. Life history of the spider parasitoid *Zatypota percontatoria* (Hymenoptera: Ichneumonidae). **Entomological Science** 19, 104-111. **IF 1.144**
4. Leccia F, Kolářová M, Kysilková K, Hamouzová K, Líznařová E, Korenko S. 2016. Disruption of the chemical communication of the European agrobiont ground-dwelling spider *Pardosa agrestis* by pesticides. **Journal of Applied Entomology** 140, 609-616. **IF 1.517**
5. Korenko S, Niedobová J, Kolářová M, Hamouzová K, Kysilková K, Michalko R. 2016. The effect of eight common herbicides on the predatory activity of the agrobiont spider *Pardosa agrestis*. **BioControl** 61, 507. **IF 1.767**
6. Korenko S, Korenková B, Satrapová J, Hamouzová K, Belgers D. 2015. Modification of *Tetragnatha montana* (Araneae, Tetragnathidae) web architecture induced by larva of the parasitoid *Acrodactyla quadrisculpta* (Hymenoptera, Ichneumonidae, *Polysphincta* genus-group). **Zoological Studies** 54, 40. **IF = 0.885**
7. Korenko S, Satrapová J, Zwakhals K. 2015. Manipulation of araneid spider web architecture by the polysphinctine parasitoid *Zatypota picticollis* (Hymenoptera: Ichneumonidae: Pimplinae). **Entomological Science** 18, 383-388. **IF = 1.144**

8. Pekár S, Šedo O, Líznavá E, Korenko S, Zdráhal Z. 2014. David and Goliath: potent venom of an ant-eating spider (Araneae) enables capture of a giant prey. **Naturwissenschaften** 101, 533-40. **IF = 2.098**
9. Korenko S, Hamouzová K, Pekár S. 2014. Trophic niche and predatory behaviour of the goblin spider *Triaeris stenaspis* (Oonopidae): springtail specialist? **Journal of Arachnology** 42, 74-78. **IF = 0.624**
10. Korenko S, Isaia M, Satrapová J, Pekár S. 2014. Parazitoid genus-specific manipulation of orb-web host spiders (Araneae, Araneidae). **Ecological Entomology** 39, 30-38. **IF = 1.966**
11. Korenko S, Schmidt S, Schwarz M, Gibson GAP, Pekár S. 2013. Hymenopteran parasitoids of the ant-eating spider *Zodarion styliferum* (Simon) (Araneae: Zodariidae). **Zookeys** 262, 1-15. **IF = 0.917**
12. Pekár S, Michalko R, Korenko S, Šedo O, Líznavá E, Sentenská L, Zdráhal Z. 2013. Phenotypic integration in a series of trophic traits: tracing evolution of myrmecophagy in spiders (Araneae). **Zoology** 116, 27-35. **IF = 1.596**
13. Pekár S, Šmerda J, Hrušková M, Šedo O, Muster C, Cardoso P, Zdráhal Z, Korenko S, Bureš P, Líznavá E, Sentenská L. 2012. Prey-race drives differentiation of biotypes in ant-eating spiders. **Journal of Animal Ecology** 81, 838-848. **IF = 4.613**
14. Kehlmaier Ch, Michalko R, Korenko S. 2012. *Ogcodes fumatus* (Diptera: Acroceridae) reared from *Philodromus cespitum* (Araneae: Philodromidae), and first evidence of *Wolbachia* in Acroceridae. **Annales Zoologici** 62, 281-286. **IF = 0.660**
15. Korenko S, Pekár S. 2011. A parasitoid wasp induces overwintering behaviour in its spider host. **PLoS ONE** 6, e24628. doi:10.1371/journal.pone.0024628. **IF = 4.092**
16. Korenko S, Kula E, Šimon E, Michalková V, Pekár S. 2011. Are arboreal spiders associated with particular tree canopies? **North-Western Journal of Zoology** 7, 261-269. **IF = 0.747**
17. Korenko S, Michalková V, Zwakhals K, Pekár S. 2011. Host specificity and temporal and seasonal shifts in host preference of a web-spider parasitoid (Hymenoptera: Ichneumonidae). **Journal of Insect Science** 11, 101. **IF = 0.947**
18. Korenko S, Pekár S. 2010. Intraguild predation between winter-active spiders (Araneae) on apple tree bark. **Biological Control** 54, 206-212. **IF = 2.164**
19. Korenko S, Pekár S, Honek A. 2010. Predation activity of two winter-active spiders (Araneae: Anyphaenidae, Philodromidae). **Journal of Thermal Biology** 35, 112-116. **IF = 1.273**
20. Korenko S, Pekár S, Šmerda J. 2009. Life-history of the parthenogenetic oonopid spider, *Triaeris stenaspis* (Araneae: Oonopidae). **European Journal of Entomology** 106, 217-223. **IF = 0.783**
21. Korenko S, Kula E, Holec M, Jarab M, Michalková V. 2008. Influence of air liming on spider (Araneae) population of the Krone hory Mts. **European Journal of Soil Biology** 44, 559-566. **IF = 0.888**

Manuscripts in submission to journal with IF

1. Korenko S, Pekár S, Walter GH, Korenková V, Hamouzová K, Kolářová M, Kysilková K, Spasojević T, Klopstein S. One generalist or several specialist species? Wide host range and diverse manipulations of the hosts' web building behaviour in the true spider parasitoid *Zatypota kauros* (Hymenoptera: Ichneumonidae). In submission, *Frontiers in Zoology*.
2. Korenko S, Hamouzová K, Kysilková K, Kolářová M, Kloss TG, Takasuka K, Pekár S. Divergence in host utilisation in two spider parasitoids of the genus *Eriostethus* (Ichneumonidae, Ephialtini). Submitted in *Zoologischer Anzeiger*.
3. Korenko S, Di Giovanni F. Spider parasitoids of tribe Ephialtini (Ichneumonidae, Pimplinae) in Italy and their host association. In submission, *North-Western Journal of Zoology*.
4. Pekár S, Petráková L, Šedo P, Korenko S, Zdráhal Z. Coevolution of prey-specialisation and venom composition in ant-eating spiders resulted in specific venoms. In submission, *Molecular Ecology*.

Selected manuscripts before submission to journal with IF

1. Takasuka K, Korenko S. Systematics and biology of spider-associated parasitoids in Ephialtini Hellen, 1915 (Hymenoptera, Ichneumonidae, Pimplinae) with special reference to the host web manipulation. (review)
2. Korenko S, Takasuka K, Kloss TG, Gonzaga MO. Host utilisation by true spider parasitoids (Ichneumonidae, Ephialtini, *Polysphincta* group). (review)

Monography and chapter in monography

1. Franc V, Kopecký T, Korenko S. 2009. **Selected arthropod groups of the Panský diel massif (Starohorské vrchy Mts, Slovakia)**. Faculty of Natural Sciences, UMB, Banská Bystrica, 80 pp. ISBN 978-80-8083-722-8.
2. Svatoň J, Gajdoš P, Černecká Ľ, Franc V, Korenko S, Kovalčík R, Krumpálov Z. 2010. Pavúky (Araneae). In: Mašán P, Mihál I (eds), **Pavúkovce Cerovej vrchoviny (Arachnida: Araneae, Pseudoscorpiones, Opiliones, Acari)** (Arachnids of the Cerová Vrchovina Highland (Arachnida: Araneae, Pseudoscorpiones, Opiliones, Acari)), Banská Bystrica: SOP SR Banská Bystrica, Správa CHKO Cerová vrchovina, ÚZ SAV Bratislava, UEL SAV Zvolen, pp. 21-124. ISBN 978-80-89310-54-8 (In Slovak).

Articles in reviewed journals without IF

1. Korenko S, Kysilková K, Černecká L. 2017. Further records of two spider parasitoids of the genus *Polysphincta* (Ichneumonidae, Ephialtini) from Central Europe, with notes on their host interactions. **Arachnologische Mitteilungen** 54, 28-32.
2. Korenko S. 2017. First record from Italy of *Zatypota anomala* (Ichneumonidae, Ephialtini), a parasitoid of the cribellate spider *Dictyna pussila* (Araneae, Dictynidae). **Arachnologische Mitteilungen** 54, 1-4.
3. Korenko S. 2016. Web architecture alteration of the orb web weaving spider *Metellina merianae* (Araneae, Tetragnathidae) induced by the parasitoid *Megaetaira madida* (Ichneumonidae, *Polysphincta* group). **Arachnologische Mitteilungen** 52, 35-37.
4. Šestáková A, Christophoryová J, Korenko S. 2013. A tropical invader *Coleosoma floridanum* spotted in Slovakia and the Czech Republic for the first time (Araneae, Theridiidae). **Arachnologische Mitteilungen** 45, 40-44.
5. Korenko S, Štefánik M, Trník M, Gajdos P. 2012. Pavúky (Araneae) nadregionálneho biocentra Žihľavník – Baske (Strážovské vrchy, Slovensko). **Folia Fauna Slovaca** 17, 309-315 (In Slovak).
6. Chyristophoryová J, Gardini G, Korenko S. 2011. *Allochernes powelli* new to the fauna of Slovakia (Pseudoscorpiones: Chernetidae). **Folia fauna Slovaca** 16, 67-70.
7. Mihál I, Korenko S, Gajdoš P. 2010. Harvestman (Arachnida, Opiliones) of the Tatra Mountains (Slovakia). **Acta Rerum naturalium** 8, 31-36.
8. Mihál I, Korenko S. 2010. Kosce (Arachnida, Opiliones) Starohorských vrchov (Stredné Slovensko). **Naturae Tutela** 14, 201-206 (In Slovak).
9. Korenko S, Harvey M, Pekár S. 2009. *Stenochrus portoricensis* new to the Czech Republic (Schizomida, Hubbardiidae). **Arachnologische Mitteilungen** 38, 1-3.
10. Řezáč M, Macík S., Dolanský J, Henriques S, Chvátalová I, Korba J, Korenko S, Macek R, Šnajdara P, Vinkler S, Chmelová K. 2008. Návrat tarantule aneb slíďák tatarský opět v České republice. **Živa** 1/2008, 25-27 (In Czech).
11. Franc V, Korenko S. 2008. Spiders (Araneae) from the Panský diel (Starohorské vrchy Mts, Slovakia). **Arachnologische Mitteilungen** 36, 9-20.
12. Korenko S. 2007. Pavúky (Arachnida, Araneae) východnej časti Kozích chrbtov. (Spiders (Arachnida, Araneae) in the eastern part of Kozie chrbty Mts.). **Naturae Tutela** 11, 103-111 (In Slovak).
13. Korenko S, Rezác M, Pekár S. 2007. Spiders (Araneae) of the family Oonopidae in the Czech Republic. **Arachnologische Mitteilungen** 34, 6-8.

Lectures and posters in foreign conferences

2017

1. Korenko S, Hamouzová K, Kysilková K, Kolářová M, Kloss TG, Takasuka K, Pekár S. Resurrection of spider parasitoid genus *Millironia* Baltazar 1964 (Ichneumonidae, Ephialtini). In: 30th European Congress of Arachnology, 20th – 25th August 2017, University of Nottingham, UK (Lecture).

2. Korenko S, Černecká Ľ, Mihál I, Kysilková K, Štefánik M, Šestáková A, Dolejš P. Nové poznatky o rozšíření a ekologii pavúčích parazitoidov rodu *Polysphincta* (Ichneumonidae, Ephialtini) v Čechách a na Slovensku. In: XV. Arachnologická konferencia, 13th – 17th September 2017, ÚKE SAV, Východná, Slovakia (Lecture).
3. Korenko S, Dorková M. Nové druhy blanokřídlých parazitoidov pavúkov (*Polysphincta* genus group, Ichneumonidae, Ephialtini) asociované s križiakmi rodu *Araniella* (Araneae, Araneidae) na Slovensku. In: XV. Arachnologická konferencia, 13th – 17th September 2017, ÚKE SAV, Východná, Slovakia (Lecture).
4. Kysilková K, Korenko S, Soukup J, Kočárek M. Vliv ochranných vzdáleností při aplikaci insekticidu na druhovou diverzitu pavouků v okrajových částech pozemku. In: XV. Arachnologická konferencia, 13th – 17th September 2017, ÚKE SAV, Východná, Slovakia (Lecture – co-author).

2016

5. Černecká Ľ, Korenko S, Černecký J, Mihál I, Korenko S. Dva nové druhy pavúčích parazitoidov (Hymenoptera, Ichneumonidae) pre Slovensko a ich spektrum hostiteľov. In: Krumpálová Z et al. (eds) Zborník príspevkov z vedeckého kongresu „Zoologia 2016“. 24th – 26th November 2016, Univerzita Konštantína Filozofa v Nitre, Slovakia, pp. 56-58. ISBN: 978-80-558-1102-4 (Lecture – co-author).
6. Korenko S. Ekológia blanokřídlých parazitoidov pavúkov zo skupiny *Polysphincta* group (Ichneumonidae, Ephialtini). In: Krumpálová Z et al. (eds) Zborník príspevkov z vedeckého kongresu „Zoologia 2016“. 24th – 26th November 2016, Univerzita Konštantína Filozofa v Nitre, Slovakia, p. 118. (Lecture).
7. Korenko S, Takasuka K, Štefánik M, Černecká Ľ, Mihál I, Dolejš P, Holý K. Ekológia pavúčieho parazitoida *Reclinervellus nielseni* Roman, 1923 na dvoch stranách Palearktu (stredná Európa vs. Japonsko). In: Fend'a P. (ed) Zborník abstraktov – XIV. Arachnologická konferencia, VS ÚKE SAV, 14th – 18th September 2016, Východná, Slovakia, p. 17. (Lecture).

2015

8. Korenko S. Manipulácií snovacej činnosti pavúkov (Araneae, Orbiculariae) vyvolaná blanokřídlými koinobiontními parazitoidmi (Ichneumonidae, *Polysphincta* group). In: Stoklas J, Dobříková D (eds), Zborník abstraktov z vedeckej konferencie – Roubalove dni 2015, 27th January 2015, Banská Bystrica, Slovakia, p. 16 (Lecture).

2014

9. Korenko S. Web architecture alteration of the orb-weaver *Tetragnatha montana* (Araneae, Tetragnathidae) induced by a polysphinctine parasitoid (Ichneumonidae, Polysphinctini). In: 28th European Congress of Arachnology, 24th – 29th August 2014, Torino, Italy (Lecture).
10. Korenko S. Genus-specific manipulation of orb-web spider hosts (Araneae, Araneidae) by polysphinctine parasitoids (Ichneumonidae, *Polysphincta* genus group). In: Manko P, Baranová B (eds), Zborník príspevkov z vedeckého kongresu „Zoológia 2014“, 19. Feriencové dni, 20th – 22th November 2014, Prešovská univerzita, Prešov, Slovakia (Lecture).

2013

11. Korenko S. Communication by chemical cues of agrobiont spider *Pardosa agrestis* (Westring). In: International Chemical Ecology Conference 19th – 23th August 2013, Melbourne, Australia (Poster).
12. Korenko S. Alteration of spider web architecture (Araneae, Orbiculariae) induced by polysphinctine parasitoids (Hymenoptera, Ichneumonidae, Polysphinctini). In: Australian Entomological Society 44th AGM and Scientific Conference, Adelaide 29th September – 4th October 2013, Adelaine, Australia (Lecture).

2012

13. Korenko S. Web architecture of orb-weaver spiders and its manipulation by polysphinctine parasitoids. In: Krumpálová Z (ed), 10. Arachnologická konferencia, Východná 12th – 16th September 2012, Zborník abstraktov. Univerzita Konštantína Filozofa v Nitre, Slovakia, pp. 26–27 (Lecture).
14. Korenko S. Web architecture variability of orb-weaver spiders manipulated by polysphinctine parasitoids. In: 27th European Congress of Arachnology, 2nd – 7th September 2012, Scientific Research Centre of the Slovenian Academy of Sciences and Arts, Ljubljana, Slovenia, p. 71 (Lecture).

2011

15. Korenko S., Isaia M, Pekár S. Three-dimensional web as defence for parasitoid larva. In: 26th European Congress of Arachnology, 4th – 8th September 2011, Sede Boquer Campus of Ben-Gurion University of the Negev at Midreshet Ben-Gurion, Israel (Lecture).

2010

16. Korenko S., Pekár S. Host-specific manipulation by a parasitoid. In: Žabka M (ed), Book of Abstracts – 18th International Congress of Arachnology, 11th – 17th July 2010, Siedlce, Poland (Lecture).

2009

17. Korenko S. Interakcie pavúkov na kôre jabloní počas zimného obdobia. In: Krumpálová Z (ed.) Zborník abstraktov - 7. Arachnologická konferencia – Východná, 10th – 15th September 2009, UZS Bratislava, UAE SAV Nitra, AS SES SAV, Východná, Slovakia (Lecture).

2008

18. Korenko S., Pekár S, Michalková V. Host-preference of the parasitoid wasp *Sinarachna pallipes* (Holmgren, 1860) (Hymenoptera, Ichneumonidae, Pimplinae) in apple orchards. In: XXIII. International Congress of Entomology, South Africa, 6th – 12th July 2008 (Poster).
19. Korenko S. Čelad' Oonopidae (Araneae) v strednej Európe a jej potenciálna diverzita na území Slovenska. In: Krumpálová Z (ed), Zborník abstraktov z Arachnologickej konferencie SES pri SAV, 11th – 15th September 2008, UZS Bratislava, UAE SAV Nitra, AS SES SAV, UEL SAV Zvolen, Východná, Slovakia, pp. 29-30 (Lecture).
20. Korenko S., Pekár S. Intraguild predation of *Anyphaena accentuata* and *Philodromus* spp. during overwintering. In: Kropf Ch, Schmidt M, Nentwig W (eds), Book of abstracts of 24th European Congress of Arachnology 25th – 29th August 2008 in Bern, Switzerland, p. 81 (Poster).
21. Korenko S., Pekár S. Life-history of a parthenogenetic oonopid spider, *Triaeris stenaspis* Simon 1891 (Araneae, Oonopidae). In: Kropf Ch, Schmidt M, Nentwig W

(eds), Book of abstracts of 24th European Congress of Arachnology 25th – 29th August 2008 in Bern, Switzerland, p. 82 (Poster).

2007

22. Korenko S, Kula E, Jarab M, Michalková V. Influence of air limming in a spider (Araneae) population of the Krušné hory Mts. In: XX. Symposium Internationale Entomofaunisticum Europae Centralis, 26th – 30th May 2007, Cluj, Romania (Poster).
23. Korenko S, Pekár S. Overwintering and interspecific relation between *Anyphaena accentuata* and *Philodromus* spp. on the bark of apple tree. In: XX. Symposium Internationale Entomofaunisticum Europae Centralis, 26th – 30th May 2007, Cluj, Romania (Lecture).

Lecturing or poster in conference in Czech Republic

2017

1. Korenko S. Behaviorálne dáta riešia taxonomický problém lumkov rodu *Millironia* Baltazar, 1964 (Ichneumonidae, Ephialtini). In: Bryja J, Horsák M, Horsáková V, Řehák Z, Zukal J (eds), Sborník abstraktů – Zoologické dny Brno 2017, 9th – 10th February 2017, pp. 103-104 (Lecture).
2. Kysilková K, Korenko S, Soukup J, Kočárek M. Vliv ochranných vzdáleností při aplikaci insekticidu na druhovou diverzitu pavouků v okrajových částech pozemku. In: Bryja J, Horsák M, Horsáková V, Řehák Z, Zukal J (eds), Sborník abstraktů – Zoologické dny Brno 2017, 9th – 10th February 2017, pp. 119 (Poster).
3. Pekár S, Petráková L, Sedo O, Muster C, Korenko S, Zdrahal Z. Adaptive venom composition in ant-eating spiders results from foraging and defensive selection. In: Bryja J, Horsák M, Horsáková V, Řehák Z, Zukal J (eds), Sborník abstraktů – Zoologické dny Brno 2017, 9th – 10th February 2017, pp. 156-157 (Lecture – co-author).

2016

4. Korenko S, Kysilková K. Sublethal effect of pesticides on European agrobiont spider *Pardosa agrestis*. In: Bryja J, Sedláček F, Fuchs R (eds), Sborník abstraktů – Zoologické dny České Budejovice 2016, 11th – 12th February 2016, pp. 114-115 (Lecture).
5. Kysilková K, Korenko S, Brant V. Vliv mikroklimatu remízku na biodiverzitu členovců v agroekosystému pole. In: Bryja J, Sedláček F, Fuchs R (eds), Sborník abstraktů – Zoologické dny České Budejovice 2016, 11th – 12th February 2016, pp. 126-127 (Poster).
6. Korenko S, Štefánik M, Černecká L, Mihál I, Holý K, Takasuka K. Všetko čo sa vie aj nevie o pavúčom parazitoidovi *Reclinervellus nielsenii* (Hymenoptera, Ichneumonidae, Ephialtini). In: Mazalová M, Kuras T (eds), Sborník z conference – Blanokřídlí v českých zemích a na Slovensku. XII. setkání, Horka nad Moravou, 10th – 12th July 2016, p. 18 (Lecture).

2015

7. Pekár S, Šedo O, Líznarová E, Korenko S, Zdrahal Z. David and the Goliath: potent venom of a ant-eating spider (Araneae) enables capture of a giant prey. In: Bryja J, Řehák Z, Zukal J (eds), Sborník abstraktů – Zoologické dny Brno 2015, 12th – 13th February 2015, p. 190 (Lecture – co-author).

8. Korenko S. Spider parasitoids in bushland in Queensland, Australia (Ichneumonidae, *Polysphincta* group). Bryja J, Řehák Z, Zukal J (eds), Sborník abstraktů – Zoologické dny Brno 2015, 12. – 13th February 2015, p. 118 (Lecture).
9. Korenko S, Pekár S, Walter G. First oligophagy in the true spider parasitoids (Ichneumonidae, Ephialtini, *Polysphincta* group) and the plasticity in host utilisation. In: Pekár S, Mašová Š (eds), Abstracts of 29th European Congress of Arachnology, in 24th – 28th August 2015, Brno, Czech Republic, p. 91 (Lecture).
10. Korenko S. Čo vieme a nevieme o biológii pravých pavúčích parazitoidoch zo skupiny *Polysphincta* (Hymenoptera, Ichneumonidae, Ephialtini). In: Bezdečka P, Holý K (eds), Sborník abstraktů – Blanokřídli v českých zemích a na Slovensku 11, Radějov, 11th – 13th June 2015, p. 17 (Lecture).

2014

11. Korenko S. Web architecture alteration of long jawed orb-weaver *Tetragnatha montana* (Araneae, Tetragnathidae) by polysphinctine parasitoid wasp (Hymenoptera, Ichneumonidae, Polysphinctini). In: Bryja J, Drozd P (eds), Sborník abstraktů – Zoologické dny Ostrava 2014, 6th – 7th February 2014, p. 102 (Lecture).

2013

12. Korenko S. Inter-specific manipulation of web architecture induced by polysphinctine parasitoids in orb-web weaving spiders of genus *Araniella*. 2013. In: Bryja J, Řehák Z, Zukal J (eds), Sborník abstraktů – Zoologické dny Brno 2013, 7th – 8th February 2013, p. 120 (Lecture).
13. Habrová T, Korenko S. Analýza kořisti síťového pavouka *Phylloneta impressa* (L.Koch, 1881) (Araneae) na řepce olejce. In: Bryja J, Řehák Z, Zukal J (eds), Sborník abstraktů – Zoologické dny Brno 2013, 7th – 8th February 2013, p. 71 (Poster).
14. Kaplanová M, Korenko S. Predační chování šplhalky keřové *Anyphaena accentuata* (Walckenaue, 1802) a její potravní spektrum mezi bezobratlými ovocných sadů. In: Bryja J, Řehák Z, Zukal J (eds), Sborník abstraktů – Zoologické dny Brno 2013, 7th – 8th February 2013, p. 106 (Poster).

2012

15. Korenko S, Schmidt S, Gibson GAP, Pekár S. *Calymmochilus dispar* Bouček & Andriescu, the parasitoid of ant-eating spiders. 2012. Bryja J, Albrechtová J, Tkadlec E (eds) Sborník abstraktů – Zoologické dny Olomouc 2012, 9th – 10th February 2012, pp. 99-100 (Lecture).

2011

16. Korenko S. Blanokřídli parazitoidi (Polysphinctini) sieťových pavúkov (Araneae) v korunách ovocných stromov a ich asociácia k špecifickému druhu hostiteľa. In: Bryja J, Řehák Z, Zukal J (eds), Sborník abstraktů – Zoologické dny Brno 2011, 17th – 18th February 2011, pp. 110-111 (Lecture).

2010

17. Korenko S, Pekár S. Parasitism of space-web spiders (Araneae, Theridiidae) by parasitoid wasps (Hymenoptera: Ichneumonidae, Pimplinae, Polysphinctini) in an apple orchard in Central Europe. In: Bryja J, Zasadil P (eds), Sborník abstraktů – Zoologické dny Praha 2010, 11th – 12th February 2010. p. 123 (Lecture).

2009

18. Korenko S, Sentenská L, Líznavá E. Nový řád pavoukovců pro Českou republiku. In: Bryja J, Řehák Z, Zukal J (eds), Sborník abstraktů – Zoologické dny Brno 2009, 12th – 13th February 2009, p. 107 (Lecture).
19. Korenko S, Pekár S. Intraguild predation between winter-active spiders (Araneae) on apple tree bark. In: Sborník abstraktů – XVIII. Česká a Slovenská Konference o Ochráně Rostlin, MZLU v Brně, 2nd – 4th September 2009 (Lecture).

2008

20. Korenko S, Pekár S. Životný cyklus – ontogenetické a reprodukční parametry partenogenetického druhu pavůka *Triaeris stenaspis* Simon, 1891, (Araneae, Oonopidae). In: Bryja J, Nedvěd O, Sedláček F, Zukal J (eds), Sborník abstraktů – Zoologické dny České Budějovice 2008, 14th – 15th February 2008, p. 100 (Lecture).

2007

21. Korenko S. Pavůky navrhovaného územia európskeho významu Baranovo. In: Bryja J, Zukal J, Řehák Z (eds), Sborník abstraktů – Zoologické dny Brno 2007, 8th – 9th February 2007, p. 40 (Poster).

Grants

1. Do the neonicotinoids have sublethal effects on spiders, harming their ability to regulate agricultural pests? GACR, 17-10976S (2017 – 2019, co-applicant, CULS in Prague).
2. Coevolution of prey-specialisation and venom composition in spiders, GACR, 15-14762S (2015 – 2017, research collaborator, MU in Brno).
3. OP Education for Competitiveness, European Science Foundation and Ministry for Education and Youth of the Czech Republic (2013-2015, post-doctoral grant position, CULS in Prague).
4. Innovation of pest control strategies in pome fruit against insect pests in IPM system and organic farming (1G58081), NAZV, 58081 (2005 – 2009, research collaborator, MU in Brno).
5. Thermal adaptations of two populations of winter-active *Anyphaena accentuate* spiders. Programme: Thermal adaptation in ectotherms: Linking life history, physiology, behaviour and genetics – travel grant, SV/3571. European Science Foundation (2010, applicant, MU in Brno).
6. Vliv vápnění na půdní a epigeickou faunu, NAZV QH82113 (2008-2012, research collaborator, MENDEL in Brno).
7. Biodiverzita - analýzy biologických systémů různých úrovní a na různých škálách prostředí (BIDA), MUNI/A/0976/2009 (2010 – 2012, research collaborator, MU in Brno).

Reviewer experiences

1. Reviewer of annual and final reports for grants COST, KONTAKT (2x2014, 2x 2015, 3x2016, 1x2017 in Crop Research Institute, Ruzyně).
2. Reviewer of IGA grants 2015, 2016 (IGA, MENDELU, Brno). Reviewer of GA UK grant 2017 (GAUK, Charles University, Prague).
3. Twenty-four reviewer's reports for international scientific journals (Supplement 3).

Supplement 1: Citation report of articles listed in Web of Science

Impact factor (IF) from year when manuscript was published (or year before if IF was not calculated yet). Cit. means the number of citations + self-citation from WOS (sum of citations from WoS, Scopus and Google scholar).

Korenko S, Kula E, Holec M, Jarab M, Michalková V. 2008. Influence of air liming on spider (Araneae) population of the Krusne hory Mts. **European Journal of Soil Biology** 44, 559-566. **IF = 0.888, cit. 4+0 (4).**

1. By: Rybak J. 2016. Community structure of spiders in sulphur-polluted habitats in the Karkonosze Mts (Poland). *POLISH JOURNAL OF ECOLOGY* 64, 578-585.
2. By: Moore JD, Ouimet R, Long RP, et al. 2015. Ecological benefits and risks arising from liming sugar maple dominated forests in northeastern North America. *ENVIRONMENTAL REVIEWS* 23, 66-77.
3. By: McCay TS, Cardelus CL, Neatrour MA. 2013. Rate of litter decay and litter macroinvertebrates in limed and unlimed forests of the Adirondack Mountains, USA. *FOREST ECOLOGY AND MANAGEMENT* 304, 254-260.
4. By: Auclerc A, Nahmani J, Aran D, et al. 2012. Changes in soil macroinvertebrate communities following liming of acidified forested catchments in the Vosges Mountains (North-eastern France). *ECOLOGICAL ENGINEERING* 42, 260-269.

Korenko S, Pekár S, Šmerda J. 2009. Life-history of the parthenogenetic oonopid spider, *Triaeris stenaspis* (Araneae: Oonopidae). **European Journal of Entomology** 106, 217-223. **IF = 0.783, cit. 10+1 (15).**

1. By: Perez-Gonzales A, Rubio GD, Ramirez MJ. 2016. Insights on vulval morphology in Ochyroceratinae with a rediagnosis of the subfamily and description of the first Argentinean species (Araneae: Synspermiata: Ochyroceratidae). *ZOOLOGISCHER ANZEIGER* 260, 33-44.
2. By: Ramirez MG, Oliveri CM, Mismar D, et al. 2015. Spiderling sex ratio and maternal investment in the bolas spider *Mastophora cornigera* (Araneae, Araneidae). *INVERTEBRATE REPRODUCTION & DEVELOPMENT* 59, 96-103.
3. By: van der Kooi CJ, Schwander T. 2014. On the fate of sexual traits under asexuality. *BIOLOGICAL REVIEWS* 89, 805-819.
4. By: Korenko S, Hamouzová K, Pekár S. 2014. Trophic niche and predatory behavior of the goblin spider *Triaeris stenaspis* (Oonopidae): a springtail specialist? *JOURNAL OF ARACHNOLOGY* 42, 74-78.
5. By: Platnick NI, Duperre N, Ubick D, et al. 2012. Got Males?: The Enigmatic Goblin Spider Genus *Triaeris* (Araneae, Oonopidae). *AMERICAN MUSEUM NOVITATES* 3756, 1-36.
6. By: Michalková V, Krascenitsová E, Kožánek M. 2012. On the pathogens of the spruce bark beetle *Ips typographus* (Coleoptera: Scolytinae) in the Western Carpathians. *BIOLOGIA* 67, 217-221.
7. By: Nedvěd O, Pekár S, Bezdečka P, et al. 2011. Ecology of Arachnida alien to Europe. *BIOCONTROL* 56, 539-550.

8. By: Grismado CJ, Deeleman C, Baehr B. 2011. The Goblin Spider Genus *Aprusia* Simon, 1893 (Araneae: Oonopidae). AMERICAN MUSEUM NOVITATES 3706, 1-21.
 9. By: Goodacre SL. 2011. Endosymbiont Infections in Spiders. ADVANCES IN INSECT PHYSIOLOGY 40, 137-153.
 10. By: Platnick NI, Duperre N. 2009. The Goblin Spider Genus *Heteroonops* (Araneae, Oonopidae), With Notes on *Oonops*. AMERICAN MUSEUM NOVITATES 3672, 1-72.
 11. By: Burger M. 2009. Female genitalia of goblin spiders (Arachnida: Araneae: Oonopidae): a morphological study with functional implications. INVERTEBRATE BIOLOGY 128, 340-358.
- (Scopus, Google Scholar)
12. By: Goodacre SL, Oliver YM. 2013. Endosymbiont infections in spiders. In: Nentwigh W. (ed), Spider Ecophysiology. Springer Berlin Heidelberg, pp. 93-105.
 13. By: Terhivuo J, Fritzén NR, Koponen S, et al. 2011. Increased number of observations and notes of offspring production in the invasive orb-web spider *Argiope bruennichi* (Scopoli, 1772) (Araneae; Araneidae) in Finland. MEMORANDA SOCITATIS PRO FAUNA ET FLORA FENNICA 87, 95-101.
 14. By: Hils JM. 2014. Neoichnology of the Burrowing Spiders *Gorgyrella inermis* (Araneae: Mygalomorphae) and *Hogna lenta* (Araneae: Araneomorphae) (Ph.D. Thesis, Ohio University).
 15. Šestáková A, Suvák M, Krajčovičová K, et al. 2017. Arachnids from the greenhouses of the Botanical Garden of the PJ Šafárik University in Košice, Slovakia (Arachnida: Araneae, Opiliones, Palpigradi, Pseudoscorpiones). ARACHNOLOGISCHE MITTEILUNGEN 53, 19-28.
- Korenko S, Pekár S, Honěk A. 2010. Predation activity of two winter-active spiders (Araneae: Anyphaenidae, Philodromidae). **Journal of Thermal Biology** 35, 112-116. **IF = 1.273. cit. 10+2 (16).**
1. By: Michalko R, Petráková L, Sentenská L, et al. 2017. The effect of increased habitat complexity and density-dependent non-consumptive interference on pest suppression by winter-active spiders. AGRICULTURE ECOSYSTEMS & ENVIRONMENT 242, 26-33.
 2. By: Lefebvre M, Franck P, Olivares J, et al. 2017. Spider predation on rosy apple aphid in conventional, organic and insecticide-free orchards and its impact on aphid populations. BIOLOGICAL CONTROL 104, 57-65.
 3. By: Michalko R, Petráková L, Loverre P, et al. 2016. Intraguild predation among spiders and their effect on the pear psylla during winter. AGRICULTURE ECOSYSTEMS & ENVIRONMENT 233, 67-74.
 4. By: Everatt MJ, Convey P, Bale JS, et al. 2015. Responses of invertebrates to temperature and water stress: A polar perspective. JOURNAL OF THERMAL BIOLOGY 54, 118-132.
 5. By: Michalko R, Pekár S. 2015. The biocontrol potential of *Philodromus* (Araneae, Philodromidae) spiders for the suppression of pome fruit orchard pests. BIOLOGICAL CONTROL 82, 13-20.

6. By: Pekár S, Michalko R, Loverre P, et al. 2015. Biological control in winter: novel evidence for the importance of generalist predators. *JOURNAL OF APPLIED ECOLOGY* 52, 270-279.
 7. By: Whitney TD, Philip BN, Harwood JD. 2014. Tradeoff in two winter-active wolf spiders: increased mortality for increased growth. *ENTOMOLOGIA EXPERIMENTALIS ET APPLICATA* 153, 191-198.
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Supplement 3: List of reviewer experiences

Journal and book review experiences

1. THE SCIENCE OF NATURE, 2017. The parasitoid wasp *Eruga unilabiensis* Pádua & Sobczak sp. n. induces behavioral modification on its spider host (NAWI-D-16-00364).
2. FOLIA OECOLOGICA, 2016. Assemblages of ground living spiders (Araneae) in peatland habitats, surrounding dry pine forest and meadows.
3. BEHAVIOR, ECOLOGY AND EVOLUTION IN NEOTROPICAL SPIDERS: Contributions of Studies from the Neotropical Region. Viera C, Gonzaga MO (eds), Brief book review for Springer-SBM (request from João Victor Pildervasser, Springer Science Associate Editor, 2015) (Book).
4. ACTA OECOLOGICA, 2015. Do parasitoids explain differential abundance of two syntopic orb-weaver spiders (Araneae: Araneidae)? (ACTOEC-D-15-00082).
5. ACTA UNIVERSITATIS AGRICULTURAE ET SILVATICULTURAE MENDELIANAE BRUNENSIS, 2015. Spiders of the vine plants in southern Moravia.
6. ANIMAL BEHAVIOUR, 2015. Host behavioural manipulation of two orb-weaver spiders by parasitoid wasps (ANBEH-D-15-00641).
7. ENTOMOLOGICAL SCIENCE, 2015. Host behavior modification of *Achaearanea tingo* (Araneae, Theridiidae) induced by the parasitoid wasp *Zatypota alborhombarta* (Hymenoptera, Ichneumonidae) (ENS-2015-0075).
8. ENVIRONMENTAL ENTOMOLOGY, 2015. *Paracyphononyx scapulatus* (Hymenoptera: Pompilidae), a Koinobiont Ectoparasitoid of *Trochosa* sp. (Araneae: Lycosidae) (ENVENT-2014-0007).
9. JOURNAL OF ARACHNOLOGY, 2015. Egg sac parasitism: how important are parasitoids in the expansion of the wasp spider *Argiope bruennichi*? (MS#P15-65).
10. JOURNAL OF INSECT BEHAVIOR, 2015. Attack behavior of two polysphinctine wasp species (Hymenoptera, Ichneumonidae) on their orb-weaver spider hosts (Araneae, Araneidae) (JOIR-D-15-00069).
11. ENTOMOLOGIA EXPERIMENTALIS ET APPLICATA, 2014. Tradeoff in two winter-active wolf spiders: increased mortality for increased growth (EEA-2014-0094)
12. ENVIRONMENTAL POLLUTION, 2014. The impact of management strategies in apple orchards on the structural and functional diversity of epigeal spiders (ENVPOL-D-13-00861).
13. JOURNAL OF ARACHNOLOGY, 2014. *Megaselia scalaris* (Diptera: Phoridae): an opportunistic endoparasitoid of the endangered Mexican redrump tarantula, *Brachypelma vagans* (Araneae: Theraphosidae) (MS#B14-28).
14. JOURNAL OF INSECT BEHAVIOR, 2014. A new record of a host-parasitoid interaction: *Hymenoepimecis veranii* Lofredo & Penteado-Dias, 2009 (Hymenoptera: Ichneumonidae) parasitizing *Araneus orgaos* Levi, 1991 (Araneae: Araneidae) (JOIR-D-14-00065).
15. ARACHNOLOGISCHE MITTEILUNGEN, 2013. Analysis of the ground living spiders (Araneae) of coal dumps in Czech Republic.
16. JOURNAL OF ARACHNOLOGY, 2013. Vertical stratification of spider assemblages in two conifer plantations in central Japan (MS#P13-34).

17. PLOS ONE, 2013. The life-history traits of an idiobiont ectoparasitoid, *Sclerodermus pupariae* (Hymenoptera: Bethyridae), vary with host size (PONE-D-12-37304).
18. NATURWISSENSCHAFTEN, 2012. Spider hawk in sand dunes: parasitoid wasp of the sex-role reversed spider *Allocosa brasiliensis* (Araneae: Lycosidae) (NAWI-D-12-00116).
19. ECOSCIENCE, 2012. Vertical stratification of spider communities in two conifer plantations in central Japan (ECO-3574).
20. JOURNAL OF ARACHNOLOGY, 2011. Density and egg sac parasitism of Arctic wolf spiders (Araneae: Lycosidae) from northwestern North America (MS#P11-50).
21. JOURNAL OF ARACHNOLOGY, 2011. Web-building spider assemblages (Araneae) in set-asides within arable fields: Impacts of structural, temporal and surrounding habitat properties on coenotic and family levels and different developmental stages (MS#P11-10).
22. NORTH-WESTERN JOURNAL OF ZOOLOGY, 2010. A further study on *Textrix denticulata* (Olivier, 1789) from Turkey (Araneae: Agelenidae) (11/2010).
23. JOURNAL OF ARACHNOLOGY, 2009. Spider prey selection by *Trypoxylon* (*Trypargilum*) *tridentatum tridentatum* wasp in two habitats associated with an oasis in Baja California Sur, Mexico (MS#P09-84).

Grant and grant report reviews

1. Review of internal grant – Charles University, 2017 – Evolution of parasitic Hymenoptera host specialization of the genus *Torymus* (GAUK).
2. Review of internal grant – LDF MENDELU, 2016 – Vliv chřadnutí a odumírání jasanových porostů na epigeické a arborikolní pavouky (Arachnida: Araneae) v komplexu různověkého hospodářského lesa LDF VP 2017023 (IGA).
3. Review of periodical report – LD 14084, 2016 – Důsledky naturalizace invazivního slunéčka *Harmonia axyridis* v České republice (Crop Research Institute, Ruzyně, COST).
4. Review of final report – LH 14202, 2016 – Studium ekologie a životních cyklů, škůdců, jejich predátorů, parazitoidů v agroekosystémech různých klimatických pásem (Crop Research Institute, Ruzyně, COST).
5. Review of internal grant – LDF MENDELU, 2015 – Analýza změn biodiverzity hospodářských nížinných lesů v průběhu sukcesního vývoje s využitím multitaxonového hodnocení (IGA).
6. Review of periodical report – Project LH14202, 2015 – Studium ekologie a životních cyklů, škůdců, jejich predátorů, parazitoidů v agroekosystémech různých klimatických pásem (Crop Research Institute, Ruzyně, KONTAKT II).
7. Review of final report – Project LH13042, 2015 – Variabilita vláken z velkých ampulovitých žláz pavouků a vliv morfologie těchto žláz na kvalitu vláken (Crop Research Institute, Ruzyně, KONTAKT II).
8. Review of final report – Project – LH12210, 2015 – Porozumění životním cyklům střevlíkovitých brouků – základní předpoklad pro podpoření jejich populace v agroekosystémech a přílehlých biotopech (Crop Research Institute, Ruzyně, KONTAKT II).

9. Review of periodical report – Project LH13042, 2014 – Variabilita vláken z velkých ampulovitých žláz pavouků a vliv morfologie těchto žláz na kvalitu vláken (Crop Research Institute, Ruzyně, KONTAKT II).
10. Review of periodical report – Project LD14084, 2014 – Důsledky naturalizace invazivního slunéčka *Harmonia axyridis* v České republice (Crop Research Institute, Ruzyně, COST).
11. Review of periodical report – Project LH13042, 2013 – Variabilita vláken z velkých ampulovitých žláz pavouků a vliv morfologie těchto žláz na kvalitu vláken (Crop Research Institute, Ruzyně, KONTAKT II).
12. Review of periodical report – LH12210, 2013 – Porozumění životním cyklům střevlíkovitých brouků – základní předpoklad pro podpoření jejich populace v agrosystémech a přilehlých biotopech (Crop Research Institute, Ruzyně, KONTAKT II).

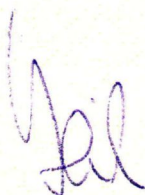
Supplement 4: Education certificates

Ph.D. certificate:


Česká republika
MASARYKOVA UNIVERZITA
DIPLOM

Stanislav Korenko
nar. 17. srpna 1980, Poprad SK, r. č. 800817/9069,
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v doktorském studijním programu
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ve studijním oboru
Ekologie.

Podle § 47 odst. 5 zákona č. 111/1998 Sb. o vysokých školách a o změně a doplnění dalších zákonů (zákon o vysokých školách), se mu uděluje
akademický titul doktor,
ve zkratce **Ph.D.** uváděné za jménem.


děkan




rektor

V Brně dne 7. září 2010

Číslo diplomu 1431/2010/0869.
Studijní program Biologie má v klasifikaci MŠMT ČR identifikaci P1527.
Studijní obor Ekologie má v klasifikaci MŠMT ČR identifikaci 1603V002.

M.Sc. certificate:

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FAKULTA PRÍRODNÝCH VIED

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D * 000201

s vyznamenaním

Bc. Stanislav Korenko

narodený(á) 17. augusta 1980 v Poprade
skončil(a) vysokoškolské štúdium vykonaním štátnej skúšky v študijnom odbore
environmentálna ekológia špecializácia ***environmentálna výchova.***

Podľa § 109 ods.1 zákona č.131/2002 Z.z. o vysokých školách a o zmene a doplnení
niektorých zákonov sa mu (jej) priznáva akademický titul

"magister"(skratka "Mgr.")

V Banskej Bystrici 19. apríla 2006 ✓

doc. Ing. Milan Murgaš, CSc.
rektor



prof. RNDr. Stanislav Holec, PhD.
dekan

96 197 0 © Ševt

XII/04

B.A. certificate:

SLOVENSKÁ REPUBLIKA
UNIVERZITA MATEJA BELA V BANSKEJ BYSTRICI
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Podľa § 109 ods.1 zákona č.131/2002 Z. z. o vysokých školách a o zmene a doplnení niektorých zákonov sa mu (jej) priznáva akademický titul

"bakalár" (skratka "Bc.")

V Banskej Bystrici 1.júna 2004


doc. Ing. Milan Murgaš, CSc.
rektor
doc. RNDr. Stanislav Holec, PhD.
dekan

Supplement 5 Proposed themes for public talk

Theme 1: Ekologie pavoučích parazitoidů ze skupiny *Polysphincta* genus-group napříč světem (Ichneumonidae, Ephialtini) [Ecology of spider parasitoids from *Polysphincta* genus-group across the world (Ichneumonidae, Ephialtini)].

Theme 2: Ekologie pavoučích parazitoidů ze skupiny *Polysphincta* genus-group napříč Evropou (Ichneumonidae, Ephialtini) [Ecology of spider parasitoids from *Polysphincta* genus-group across the Europe (Ichneumonidae, Ephialtini)].

Theme 3: Manipulace chování pavoučího hostitele koinobiontními parazitoidy ze skupiny *Polysphincta* group (Ichneumonidae, Ephialtini) [Behavioural manipulation of spider hosts by hymenopteran koinobiont parasitoids from *Polysphincta* group (Ichneumonidae, Ephialtini)].