

Biology Centre of the ASCR, v. v. i.

RIV - actual data collecting

Document types: Impacted Journal Article, Journal Article, Monograph, Monograph Chapter, Proceedings Paper (International conf.), Proceedings Paper (Czech conf.)

Year(s): 2015

Database: ASEP

0430146 - BC-A 2015 RIV SK eng B - Monograph kniha jako celek

Kováč, L. - Elhottová, Dana - Mock, A. - Nováková, Alena - Křišťůfek, Václav - Chronáková, Alica - Lukešová, Alena - Mulec, J. - Košel, V. - Papáč, V. - Luptáček, P. - Uhrin, M. - Višňovská, Z. - Hudec, I. - Gaál, L. - Bella, P.
The Cave Biota of Slovakia.

Liptovský Mikuláš : State Nature Conservancy SR, Slovak Caves Administration, 2014. 192 s. ISBN 978-80-89310-74-6

Institutional Support: RVO:60077344

Keywords: cave biota * Slovakia * cave protection * biological monitoring

Subject RIV: EH - Ecology, Behaviour

Permanent link: <http://hdl.handle.net/11104/0235983>

0394967 - BC-A 2015 RIV CH eng J - Journal Article

Arefin, B. - Kučerová, Lucie - Dobeš, P. - Markus, R. - Strnad, H. - Wang, Z. - Hyršl, P. - Žurovec, Michal - Theopold, U.

Genome-wide transcriptional analysis of *Drosophila* larvae infected by entomopathogenic nematodes shows involvement of complement, recognition and extracellular matrix proteins.

Journal of Innate Immunity. Roč. 6, č. 2 (2014), s. 192-204. ISSN 1662-811X

Not R&D Projects: European Union Seventh Framework Program (FP7/2007-2013)(CZ) 316304

Institutional Support: RVO:60077344

Keywords: basement membrane * coagulation * hemocyte

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 4.557, year: 2013

Permanent link: <http://hdl.handle.net/11104/0233154>

- [SCOPUS](#)
- [WOS](#)
- [DOI](#)

0430916 - BC-A 2015 RIV NL eng J - Journal Article

Barčák, D. - Oros, M. - Hanzelová, V. - Scholz, Tomáš

Phenotypic plasticity in *Caryophyllaeus brachycollis* Janiszewska, 1953 (Cestoda: Caryophyllidae): does fish host play a role?

Systematic Parasitology. Roč. 88, č. 2 (2014), s. 153-166. ISSN 0165-5752

R&D Projects: GA ČR GBP505/12/G112

Institutional Support: RVO:60077344

Keywords: ordinal level relationships * tapeworms Platyhelminthes * phylogenetic analysis

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 1.035, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235574>

- [WOS](#)
- [DOI](#)

0429369 - BC-A 2015 RIV AU eng J - Journal Article

Bartošová, Pavla - Hrabcová, M. - Pecková, Hana - Patra, Sneha - Kodádková, Alena - Jurajda, Pavel - Týmľ,

Tomáš - Holzer, Astrid S.

Hidden diversity and evolutionary trends in malacosporean parasites (Cnidaria: Myxozoa) identified using molecular phylogenetics.

International Journal for Parasitology. Roč. 44, č. 8 (2014), s. 565-577. ISSN 0020-7519

R&D Projects: GA ČR(CZ) GPP506/11/P724; GA ČR GBP505/12/G112; GA AV ČR(CZ) M200961205

Institutional Support: RVO:60077344

Keywords: Buddenbrockia * Tetracapsuloides * diversity * phylogeny * Bryozoa * fish * cryptic * worm

Subject RIV: EB - Genetics & Molecular Biology; EG - Zoology

Impact factor: 3.404, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234496>

- [SCOPUS](#)
- [WOS](#)
- [DOI](#)

0427267 - BC-A 2015 RIV PL eng J - Journal Article

Bezděk, Aleš - Sehnal, R.

Schizonycha kadleci sp. nov. (Coleoptera: Scarabaeidae: Melolonthinae) from western Yemen.

Annales Zoologici. Roč. 64, č. 1 (2014), s. 37-43. ISSN 0003-4541

Institutional Support: RVO:60077344

Keywords: new species * Scarabaeidae * Melolonthinae

Subject RIV: EG - Zoology

Impact factor: 0.978, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234293>

- [SCOPUS](#)
- [WOS](#)
- [DOI](#)

0430485 - BC-A 2015 RIV NL eng J - Journal Article

Bína, David - Gardian, Zdenko - Herbstová, Miroslava - Kotabová, Eva - Koník, P. - Litvín, Radek - Prášil, Ondřej - Tichý, Josef - Vácha, František

Novel type of red-shifted chlorophyll a antenna complex from Chromera velia: II. Biochemistry and spectroscopy.

Biochimica Et Biophysica Acta-Bioenergetics. Roč. 1837, č. 6 (2014), s. 802-810. ISSN 0005-2728

R&D Projects: GA ČR GBP501/12/G055

Source of Funding: O - operační programy

Institutional Support: RVO:60077344 ; RVO:61388971

Keywords: Chromera velia * red-shifted chlorophyll * Chlorophyll fluorescence

Subject RIV: CE - Biochemistry; CE - Biochemistry

Impact factor: 4.829, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235405>

- [WOS](#)
- [DOI](#)

0431001 - BC-A 2015 RIV US eng J - Journal Article

Bojková, J. - Rádková, V. - Soldán, Tomáš - Zahradková, S.

Trends in species diversity of lotic stoneflies (Plecoptera) in the Czech Republic over five decades.

Insect Conservation and Diversity. Roč. 7, č. 3 (2014), s. 252-262. ISSN 1752-458X

Not R&D Projects: Czech Science Foundation(CZ) MUNI/A/0976/2009; GA ČR(CZ) P505/10/P302

Institutional Support: RVO:60077344

Keywords: biodiversity * channelisation * conservation

Subject RIV: EH - Ecology, Behaviour

Impact factor: 1.937, year: 2013

<http://onlinelibrary.wiley.com/doi/10.1111/icad.12050/pdf>

Bojková, J.

Permanent link: <http://hdl.handle.net/11104/0236156>

- [SCOPUS](#)
- [WOS](#)
- [DOI](#)

0430605 - BC-A 2015 RIV DE eng J - Journal Article

Born-Torrijos, A. - Raga, J. A. - Holzer, Astrid S. - Kostadinova, Aneta

Same host, same lagoon, different transmission pathways: effects of exogenous factors on larval emergence in two marine digenean parasites.

Parasitology Research. Roč. 113, č. 2 (2014), s. 545-554. ISSN 0932-0113

R&D Projects: GA ČR GAP505/10/1562

Institutional Support: RVO:60077344

Keywords: patterns * water * life-cycles

Subject RIV: EH - Ecology, Behaviour

Impact factor: 2.327, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235515>

- [WOS](#)
- [DOI](#)

0430917 - BC-A 2015 RIV GB eng J - Journal Article

Born-Torrijos, A. - Poulin, R. - Raga, J. A. - Holzer, Astrid S.

Estimating trematode prevalence in snail hosts using a single-step duplex PCR: how badly does cercarial shedding underestimate infection rates?.

Parasites Vectors. Roč. 7, MAY 2014 (2014), s. 243. ISSN 1756-3305

R&D Projects: GA ČR GBP505/12/G112

Institutional Support: RVO:60077344

Keywords: prevalence * detection * snail host * double infection * single-steo duplex PCR

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 3.251, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235576>

- [WOS](#)

0430918 - BC-A 2015 RIV GB eng J - Journal Article

Cabezas-Cruz, A. - Valdés, James J.

Are ticks venomous animals?.

Frontiers in Zoology. Roč. 11, JUL 2014 (2014), s. 47. ISSN 1742-9994

Institutional Support: RVO:60077344

Keywords: ticks * venom * secreted proteins * toxicoses * pathogens * convergence

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 2.304, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235577>

- [WOS](#)
- [DOI](#)

0431521 - BC-A 2015 RIV GB eng J - Journal Article

Caccia, S. - Chakroun, M. - Vinokurov, Konstantin - Ferré, J.

Proteolytic processing of Bacillus thuringiensis Vip3A proteins by two Spodoptera species.

Journal of Insect Physiology. Roč. 67, AUG 2014 (2014), s. 76-84. ISSN 0022-1910

R&D Projects: GA ČR(CZ) GAP502/11/1471

Not R&D Projects: Spanish Ministry of Science and Innovation(ES) AGL2009-13340-C02-01; Generalitat Valenciana and by European FEDER funds(ES) ACOMP/2009/313; Generalitat Valenciana and by European FEDER funds(ES)

PROMETEO 2011/044; Marie Curie Grant(ES) PIEF-GA-2008-219993; European Union FP7(US) MOBITAG, GA 229518

Institutional Support: RVO:60077344

Keywords: mode of action * serine peptidases * midgut peptidases

Subject RIV: ED - Physiology

Impact factor: 2.500, year: 2013

<http://www.sciencedirect.com/science/article/pii/S0022191014001231>

Permanent link: <http://hdl.handle.net/11104/0236249>

- [SCOPUS](#)
- [WOS](#)
- [DOI](#)

0430509 - BC-A 2015 RIV NL eng J - Journal Article

Clarke, D. J. - Novák, Petr - Lake, A.D. - Shipkova, P. - Aranibar, N. - Robertson, D. - Severson, P.L. - Reily, M.D. - Futscher, B. W. - Lehman-McKeeman, L.D. - Cherrington, N.J.

Characterization of Hepatocellular Carcinoma Related Genes and Metabolites in Human Nonalcoholic Fatty Liver Disease.

Digestive Diseases and Sciences. Roč. 59, č. 2 (2014), s. 365-374. ISSN 0163-2116

Institutional Support: CEZ:AV0Z50510513

Institutional Support: RVO:60077344

Keywords: nonalcoholic fatty liver disease * nonalcoholic steatohepatitis * hepatocellular carcinoma * metabolomics

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 2.550, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235420>

- [WOS](#)
- [DOI](#)

0427779 - BC-A 2015 RIV US eng J - Journal Article

Claudius, A.-K. - Romani, P. - Lamkemeyer, T. - Jindra, Marek - Uhlířová, M.

Unexpected role of the steroid-deficiency protein ecdysoneless in pre-mRNA splicing.

PLoS Genetics. Roč. 10, č. 4 (2014), e1004287. ISSN 1553-7404

Not R&D Projects: Marie Curie Fellowship Award(CZ) GA 276569

Institutional Support: RVO:60077344

Keywords: steroid-deficiency protein

Subject RIV: ED - Physiology

Impact factor: 8.167, year: 2013

<http://www.plosgenetics.org/article/info%3Adoi%2F10.1371%2Fjournal.pgen.1004287>

Permanent link: <http://hdl.handle.net/11104/0234299>

- [SCOPUS](#)
- [WOS](#)
- [DOI](#)

0425958 - BC-A 2015 RIV US eng J - Journal Article

Cressman, R. - Krivan, Vlastimil - Brown, J. S. - Garay, J.

Game-theoretic methods for functional response and optimal foraging behavior.

PLoS ONE. Roč. 9, č. 2 (2014), e88773. ISSN 1932-6203

Not R&D Projects: Hungarian National Research Fund(HU) K62000; Hungarian National Research Fund(HU) K67961

Institutional Support: RVO:60077344

Keywords: game-theoretic methods

Subject RIV: EH - Ecology, Behaviour

Impact factor: 3.534, year: 2013

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0088773>

Permanent link: <http://hdl.handle.net/11104/0233155>

- [SCOPUS](#)
- [WOS](#)

- [DOI](#)

0429370 - BC-A 2015 RIV US eng J - Journal Article

Černý, Jiří - Černá, B. - Valdés, James J. - Grubhoffer, Libor - Růžek, Daniel

Evolution of Tertiary Structure of Viral RNA Dependent Polymerases.

PLoS ONE. Roč. 9, č. 5 (2014), e96070. ISSN 1932-6203

R&D Projects: GA ČR GAP502/11/2116; GA ČR GAP302/12/2490; GA ČR(CZ) GA14-29667S

Institutional Support: RVO:60077344

Keywords: Q-BETA replicase * C virus RNA * crystal structure

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 3.534, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234497>

- [WOS](#)
- [DOI](#)

0429371 - BC-A 2015 RIV NL eng J - Journal Article

de Chambrier, A. - Scholz, Tomáš - Kuchta, Roman

Taxonomic status of Woodland's enigmatic tapeworms (Cestoda: Proteocephalidea) from Amazonian catfishes: back to museum collections.

Systematic Parasitology. Roč. 87, č. 1 (2014), s. 1-19. ISSN 0165-5752

R&D Projects: GA ČR GBP505/12/G112

Institutional Support: RVO:60077344

Keywords: fresh water fishes * scolex morphology * Eucestoda

Subject RIV: EA - Cell Biology

Impact factor: 1.035, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234498>

- [WOS](#)
- [DOI](#)

0429107 - BC-A 2015 RIV GB eng J - Journal Article

Devetter, Miloslav - Schöll, K.

Hydrobiont animals in floodplain soil: Are they positively or negatively affected by flooding?.

Soil Biology and Biochemistry. Roč. 69, February (2014), s. 393-397. ISSN 0038-0717

Not R&D Projects: Deutsche Bundesstiftung Umwelt(DE) AZ 24050

Institutional Support: RVO:60077344

Keywords: Rotifers * Bdelloids * floodplain * limnoterrestrial communities * species response * variance partitioning

Subject RIV: EH - Ecology, Behaviour

Impact factor: 4.410, year: 2013

Permanent link: <http://hdl.handle.net/11104/0236132>

- [WOS](#)
- [DOI](#)

0429374 - BC-A 2015 RIV US eng J - Journal Article

Dorňáková, Veronika - Salazar-Sanchez, R. - Borrini-Mayori, K. - Carrion-Navarro, O. - Levy, M.Z. - Schaub, G. A. - Schwarz, Alexandra

Characterization of Guinea Pig Antibody Responses to Salivary Proteins of *Triatoma infestans* for the Development of a Triatomine Exposure Marker.

PLoS Neglected Tropical Diseases. Roč. 8, č. 4 (2014), e2783. ISSN 1935-2735

R&D Projects: GA ČR GPP302/11/P798; GA MŠk LH12002

Institutional Support: RVO:60077344

Keywords: detecting peridomestic populatons * Chagas disease transmission * vector control

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 4.489, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234501>

- [WOS](#)
- [DOI](#)

0429377 - BC-A 2015 RIV GB eng J - Journal Article

Duncan, R.P. - Husník, Filip - Van Leuven, J.T. - Gilbert, D.G. - Dávalos, L.M. - McCutcheon, J.P. - Wilson, A.C.C.

Dynamic recruitment of amino acid transporters to the insect/symbiont interface.

Molecular Ecology. Roč. 23, č. 6 (2014), s. 1608-1623. ISSN 0962-1083

Not R&D Projects: GA ČR(CZ) GA13-01878S

Institutional Support: RVO:60077344

Keywords: aphid * bacteriocyte * functional evolution * gene duplication * mealybug * sap-feeding insect

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 5.840, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234503>

- [WOS](#)
- [DOI](#)

0429261 - BC-A 2015 RIV DK eng J - Journal Article

Estlander, Satu - Nurminen, L..

Feeding under predation risk: Potential sex-specific response of perch (*Perca fluviatilis*).

Ecology of Freshwater Fish. Roč. 23, č. 3 (2014), s. 478-480. ISSN 0906-6691

Institutional Support: RVO:60077344

Impact factor: 1.590, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234740>

- [SCOPUS](#)
- [WOS](#)
- [DOI](#)

0429105 - BC-A 2015 RIV NL eng J - Journal Article

Farská, Jitka - Prejzková, Kristýna - Rusek, Josef

Management intensity affects traits of soil microarthropod community in montane spruce forest.

Applied Soil Ecology. Roč. 75, March (2014), s. 71-79. ISSN 0929-1393

R&D Projects: GA ČR GA526/03/1259; GA ČR GAP504/12/1218; GA MŠk LC06066

Not R&D Projects: GAJU(CZ) 143/2010/P

Institutional Support: CEZ:AV0Z6066911

Institutional Support: RVO:60077344

Keywords: Oribatida * Collembola * spruce forest * trait * management intensity

Subject RIV: EH - Ecology, Behaviour

Impact factor: 2.206, year: 2013

Permanent link: <http://hdl.handle.net/11104/0236133>

- [WOS](#)
- [DOI](#)

0430417 - BC-A 2015 RIV DE eng J - Journal Article

Fibich, P. - Lepš, Jan - Weiner, J.

Individual variability and mortality required for constant final yield in simulated plant populations.

Theoretical Ecology. Roč. 7, č. 3 (2014), s. 263-271. ISSN 1874-1738

Not R&D Projects: GA ČR(CZ) GA-1317118S; GA MŠk(CZ) LM2010005

Institutional Support: RVO:60077344

Keywords: constant final yield * variability * mortality

Subject RIV: EH - Ecology, Behaviour

Impact factor: 1.732, year: 2013

<http://link.springer.com/article/10.1007%2Fs12080-014-0216-x#>

Fibich, P.

Permanent link: <http://hdl.handle.net/11104/0236186>

- [SCOPUS](#)
- [WOS](#)
- [DOI](#)

0430503 - BC-A 2015 RIV CZ cze J - Journal Article

Fránová, Jana - Jakešová, H.

Susceptibility of Ten Red Clover (*Trifolium pratense*) Cultivars to Six Viruses after Artificial Inoculation.

Plant Protection Science. Roč. 50, č. 3 (2014), s. 113-118. ISSN 1212-2580

R&D Projects: GA MZe QH71145

Institutional Support: RVO:60077344

Keywords: Red clover mottle virus * White clover mosaic virus * DAS-ELISA

Subject RIV: EE - Microbiology, Virology

Permanent link: <http://hdl.handle.net/11104/0235444>

- [WOS](#)

0430452 - BC-A 2015 RIV GB eng J - Journal Article

Frouz, J. - Špaldoňová, A. - Fričová, K. - Bartuška, Martin

The effect of earthworms (*Lumbricus rubellus*) and simulated tillage on soil organic carbon in a long-term microcosm experiment.

Soil Biology and Biochemistry. Roč. 78, November (2014), s. 58-64. ISSN 0038-0717

Not R&D Projects: GA ČR(CZ) GAP504/12/1288

Institutional Support: RVO:60077344

Keywords: carbon sequestration * earthworms * ergosterol * litter decomposition * microbial respiration * soil processes

Subject RIV: DF - Soil Science

Impact factor: 4.410, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235977>

- [DOI](#)

0430498 - BC-A 2015 RIV US eng J - Journal Article

Furumaki, S. - Vácha, František - Hirata, S. - Vácha, M.

Bacteriochlorophyll Aggregates Self-Assembled on Functionalized Gold Nanorod Cores as Mimics of Photosynthetic Chlorosomal Antennae: A Single Molecule Study.

ACS Nano. Roč. 8, č. 3 (2014), s. 2176-2182. ISSN 1936-0851

Institutional Support: RVO:60077344

Keywords: Single molecule spectroscopy * molecular aggregate * bacteriochlorophyll * chromosome

Subject RIV: BO - Biophysics

Impact factor: 12.033, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235417>

- [WOS](#)
- [DOI](#)

0430495 - BC-A 2015 RIV NL eng J - Journal Article

Gardian, Zdenko - Litvín, Radek - Bína, David - Vácha, František

Supramolecular organization of fucoxanthin-chlorophyll proteins in centric and pennate diatoms.

Photosynthesis Research. Roč. 121, č. 1 (2014), s. 79-86. ISSN 0166-8595

R&D Projects: GA ČR(CZ) GAP205/11/1164; GA ČR GBP501/12/G055

Institutional Support: RVO:60077344

Keywords: Light harvesting * transmission electron microscopy * Photosynthesis

Subject RIV: BO - Biophysics

Impact factor: 3.185, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235440>

- [WOS](#)
- [DOI](#)

0427221 - BC-A 2015 RIV NL eng J - Journal Article

Gilles, J. R. L. - Schetelig, M. F. - Scolari, F. - Marec, František - Capurro, M.L. - Franz, G. - Bourtzis, K.

Towards mosquito sterile insect technique programmes: Exploring genetic, molecular, mechanical and behavioural methods of sex separation in mosquitoes.

Acta Tropica. 132S, č. 1 (2014), S178-S187. ISSN 0001-706X

R&D Projects: GA ČR GA523/09/2106

Not R&D Projects: Deutsche Forschungsgemeinschaft(DE) SCHE 1833/1

Institutional Support: RVO:60077344

Keywords: female elimination * vector control * genetic sexing strains (GSS)

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 2.519, year: 2013

<http://www.sciencedirect.com/science/article/pii/S0001706X13002209?via=ihub>

Permanent link: <http://hdl.handle.net/11104/0234294>

- [SCOPUS](#)
- [WOS](#)
- [DOI](#)

0429380 - BC-A 2015 RIV NL eng J - Journal Article

González-Solís, David - Chavan, S. P. - Kannewad, P. - Gyananath, G.

A new species of Rhabdochona Railliet, 1916 (Nematoda: Rhabdochonidae) from cyprinid fishes in the Western Ghats Region, India.

Systematic Parasitology. Roč. 87, č. 3 (2014), s. 273-281. ISSN 0165-5752

R&D Projects: GA ČR GBP505/12/G112

Institutional Support: RVO:60077344

Keywords: fresh water fishes * morphology * Thailand

Subject RIV: EA - Cell Biology

Impact factor: 1.035, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234506>

- [WOS](#)
- [DOI](#)

0428407 - BC-A 2015 RIV DE eng J - Journal Article

Günther, R. - Richards, S. J. - Dahl, Chris

Nine new species of microhylid frogs from the Muller Range in western Papua New Guinea (Anura, Microhylidae).

Vertebrate zoology. Roč. 64, č. 1 (2014), s. 59-97. ISSN 1864-5755

Institutional Support: RVO:60077344

Keywords: Amphibia * Anura * Microhylidae

Subject RIV: EG - Zoology

Impact factor: 1.109, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234908>

- [WOS](#)

0398402 - BC-A 2015 RIV US eng J - Journal Article

Habuřtová, Oxana - Doležal, Petr - Spitzer, Lukáš - Svobodová, Zdeňka - Hussein, Hany - Sehnal, František

Impact of Cry1Ab toxin expression on the non-target insects dwelling on maize plants.

Journal of Applied Entomology. Roč. 138, č. 3 (2014), s. 164-172. ISSN 0931-2048

R&D Projects: GA MZe QH91093; GA MZe QI91A229

Not R&D Projects: MOBITAG project(CZ) 7FP-REGPOT-2008-1, GA 229518

Institutional Support: RVO:60077344

Keywords: aphids * environmental risk assessment * European corn borer

Subject RIV: GF - Plant Pathology, Vermin, Weed, Plant Protection

Impact factor: 1.701, year: 2013

<http://onlinelibrary.wiley.com/doi/10.1111/jen.12004/pdf>

Habuřtová, Oxana

Permanent link: <http://hdl.handle.net/11104/0234909>

- [SCOPUS](#)
- [WOS](#)
- [DOI](#)

0429381 - BC-A 2015 RIV PL eng J - Journal Article

Halanová, M. - Valenčáková, A. - Malčáková, B. - Kváč, Martin - Sak, Bohumil - Květoňová, Dana - Balent, P. - Čisláková, L.

Occurrence of microsporidia as emerging pathogens in Slovak Roma children and their impact on public health.

Annals of Agricultural and Environmental Medicine. Roč. 20, č. 4 (2013), s. 695-698. ISSN 1232-1966

Institutional Support: RVO:60077344

Keywords: microsporidia * Enterocytozoon bienersi * Encephalitozoon cuniculi * roma children * zoonotic potential

Subject RIV: FN - Epidemiology, Contagious Diseases & Clinical Immunology

Impact factor: 3.060, year: 2012

Permanent link: <http://hdl.handle.net/11104/0234507>

- [WOS](#)

0429224 - BC-A 2015 RIV CZ eng J - Journal Article

Háněl, Ladislav

Fauna of soil nematodes (Nematoda) in coal post-mining sites in Illinois, USA.

Acta Societatis Zoologicae Bohemicae. Roč. 77, č. 2 (2013), s. 103-112. ISSN 1211-376X

R&D Projects: GA MŠK ME08019

Institutional Support: CEZ:AV0Z60660521

Institutional Support: RVO:60077344

Keywords: soil zoology * ecology * Nematoda * species and generic richness * faunal similarity

Subject RIV: EH - Ecology, Behaviour

Permanent link: <http://hdl.handle.net/11104/0236124>

0429188 - BC-A 2015 RIV CZ eng J - Journal Article

Háněl, Ladislav

Distribution of trophic groups of soil nematodes (Nematoda) and soil food web condition in inverse gorges in the České Švýcarsko National Park (Czech Republic).

Acta Societatis Zoologicae Bohemicae. Roč. 77, č. 2 (2013), s. 87-101. ISSN 1211-376X

Not R&D Projects: EEA Financial Mechanism(NO) CZ0048

Institutional Support: CEZ:AV0Z60660521

Institutional Support: RVO:60077344

Keywords: soil zoology * ecology * Nematoda * trophic group * Bohemian Switzerland National Park

Subject RIV: EH - Ecology, Behaviour

Permanent link: <http://hdl.handle.net/11104/0236125>

0430920 - BC-A 2015 RIV eng J - Journal Article

Hasajová, A. - Valenčáková, A. - Malečková, B. - Danišová, D. - Halán, M. - Goldová, M. - Sak, Bohumil - Květoňová, Dana - Kváč, Martin - Halanová, M.

Significantly higher occurrence of Cryptosporidium infection in Roma children compared with non-Roma children in Slovakia.

European Journal of Clinical Microbiology & Infectious Diseases. Roč. 33, č. 8 (2014), s. 1401-1406. ISSN 0934-9723

Institutional Support: RVO:60077344

Keywords: molecular characterization * immunocompetent man * transmission * Murisinfection

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 2.544, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235580>

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0398277 - BC-A 2015 RIV US eng J - Journal Article

Havelka, Jan - Žurovcová, Martina - Rychlý, S. - Starý, Petr

Russian wheat aphid, *Diuraphis noxia* in the Czech Republic – cause of the significant population decrease.

Journal of Applied Entomology. Roč. 138, č. 4 (2014), s. 273-280. ISSN 0931-2048

R&D Projects: GA ČR GA522/09/1940

Institutional Support: RVO:60077344

Keywords: alien aphid species * anholocyclic populations * aphids overwintering mortality

Subject RIV: EH - Ecology, Behaviour

Impact factor: 1.701, year: 2013

<http://onlinelibrary.wiley.com/doi/10.1111/jen.12068/pdf>

Permanent link: <http://hdl.handle.net/11104/0233597>

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0428216 - BC-A 2015 RIV IT eng J - Journal Article

Havelka, Jan - Tomanović, Ž. - Kos, K. - Kavallieratos, N. G. - Janeček, J. - Pons, X. - Rakhshani, E. - Starý, Petr

Mountain aphid and parasitoid guilds on *Aconitum* spp. in Europe.

Bulletin of Insectology. Roč. 67, č. 1 (2014), s. 57-61. ISSN 1721-8861

Not R&D Projects: Ministry of Education, Science and Technological Development(RS) III43001

Institutional Support: RVO:60077344

Keywords: aphids * Aphididae * parasitoids

Subject RIV: EH - Ecology, Behaviour

Impact factor: 0.722, year: 2013

<http://www.bulletinofinsectology.org/pdfarticles/vol67-2014-057-061havelka.pdf>

Permanent link: <http://hdl.handle.net/11104/0234302>

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0429284 - BC-A 2015 RIV FR eng J - Journal Article

Heděnc, Petr - Novotný, D. - Usták, S. - Honzík, R. - Kovářová, M. - Šimáčková, H. - Frouz, J.

Allelopathic effect of new introduced biofuel crops on the soil biota: A comparative study.

European Journal of Soil Biology. Roč. 63, July (2014), s. 14-20. ISSN 1164-5563

R&D Projects: GA MŠK(CZ) 7E08081; GA ČR GAP504/12/1288

Institutional Support: RVO:60077344

Keywords: allelopathic effect * biofuel crops * invasive plant species * plant biomass chemistry * seedling germination

Subject RIV: EH - Ecology, Behaviour

Impact factor: 2.146, year: 2013

Permanent link: <http://hdl.handle.net/11104/0236120>

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0429282 - BC-A 2015 RIV GB eng J - Journal Article

Heděnc, Petr - Novotný, D. - Usták, S. - Cajthaml, Tomáš - Slejška, A. - Šimáčková, H. - Honzík, R. - Kovářová,

M. - Frouz, Jan

The effect of native and introduced biofuel crops on the composition of soil biota communities.

Biomass & Bioenergy. Roč. 60, January (2014), s. 137-146. ISSN 0961-9534

Institutional Support: RVO:60077344

Keywords: soil fauna * energy crops * composition of soil fungi * microbial biomass * basal soil respiration

Subject RIV: EH - Ecology, Behaviour

Impact factor: 3.411, year: 2013

Permanent link: <http://hdl.handle.net/11104/0236121>

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0429383 - BC-A 2015 RIV US eng J - Journal Article

Heger, T.J. - Edgcomb, V.P. - Kim, E. - Lukeš, Julius - Leander, B. S. - Yubuki, N.

A Resurgence in Field Research is Essential to Better Understand the Diversity, Ecology, and Evolution of Microbial Eukaryotes.

Journal of Eukaryotic Microbiology. Roč. 61, č. 2 (2014), s. 214-223. ISSN 1066-5234

Institutional Support: RVO:60077344

Keywords: Algae * culture * food webs * microscopy * molecular phylogenetics * next-generation sequencing * protist

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 2.911, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234510>

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0429127 - BC-A 2015 RIV DE eng J - Journal Article

Hill, P. - Piel, J. - Aris-Brosou, S. - Křišťůfek, Václav - Boddy, Ch.N. - Dijkhuizen, L.

Habitat-specific type I polyketide synthases in soils and street sediments.

Journal of Industrial Microbiology & Biotechnology. Roč. 41, č. 1 (2014), s. 75-85. ISSN 1367-5435

R&D Projects: GA MŠK LC06066; GA MŠK 2B06154

Not R&D Projects: NATO(NL) ESP.EAP.CLG 981785

Institutional Support: CEZ:AV0Z60660521

Institutional Support: RVO:60077344

Keywords: natural product discovery * polyketides * urban microbiology * bioprospecting * mycobactin

Subject RIV: EE - Microbiology, Virology

Impact factor: 2.505, year: 2013

Permanent link: <http://hdl.handle.net/11104/0236129>

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- [DOI](#)

0423809 - BC-A 2015 RIV NL eng J - Journal Article

Horák, J. - Vodka, Štěpán - Kout, J. - Halda, J. P. - Bogusch, P. - Pech, P.

Biodiversity of most dead wood-dependent organisms in thermophilic temperate oak woodlands thrives on diversity of open landscape structures.

Forest Ecology and Management. Roč. 315, MAR 1 (2014), s. 80-85. ISSN 0378-1127

Institutional Support: RVO:60077344

Keywords: lichens * fungi * beetles

Subject RIV: EH - Ecology, Behaviour

Impact factor: 2.667, year: 2013

<http://www.sciencedirect.com/science/article/pii/S0378112713008207>

Permanent link: <http://hdl.handle.net/11104/0233153>

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- [DOI](#)

0429904 - UOCHB-X 2015 RIV US eng J - Journal Article

Horn, Martin - Fajtová, Pavla - Arreola, L. R. - Ulrychová, Lenka - Bartošová, Pavla - Franta, Zdeněk - Protasio, A. V. - Opavský, David - Vondrášek, Jiří - McKerrow, J. H. - Mareš, Michael - Caffrey, C. R. - Dvořák, Jan
Trypsin- and Chymotrypsin-Like Serine Proteases in *Schistosoma mansoni* - 'The Undiscovered Country'.
PLoS Neglected Tropical Diseases. Roč. 8, č. 3 (2014), e2766/1-e2766/13. ISSN 1935-2735

R&D Projects: GA ČR(CZ) GAP302/11/1481; GA MŠk(CZ) ME10011

Not R&D Projects: Seventh Framework Programme of the European Union(XE) FP7-248642 Marie Curie

Institutional Support: RVO:61388963 ; RVO:68378050 ; RVO:60077344

Keywords: schistosomiasis * blood fluke * serine protease

Subject RIV: CE - Biochemistry; EB - Genetics & Molecular Biology; FN - Epidemiology, Contagious Diseases & Clinical Immunology

Impact factor: 4.489, year: 2013

<http://www.plosntds.org/article/info%3Adoi%2F10.1371%2Fjournal.pntd.0002766>

Permanent link: <http://hdl.handle.net/11104/0234956>

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0431767 - BC-A 2015 RIV US eng J - Journal Article

Huang, Zhenqiu - Kaltenbrunner, S. - Staněk, David - Lukeš, Julius - Hashimi, Hassan

Dynamics of Mitochondrial RNA-Binding Protein Complex in *Trypanosoma brucei* and Its Petite Mutant under Optimized Immobilization Conditions.

Eukaryotic Cell. Roč. 13, č. 9 (2014), s. 1232-1240. ISSN 1535-9778

R&D Projects: GA ČR GAP305/12/2261

Not R&D Projects: Bioglobe CZ.1.07/2.3.00/ 30.0032

Institutional Support: RVO:60077344 ; RVO:68378050

Keywords: mitochondrion * *Trypanosoma brucei* * YFP

Subject RIV: EB - Genetics & Molecular Biology; EB - Genetics & Molecular Biology

Impact factor: 3.179, year: 2013

Permanent link: <http://hdl.handle.net/11104/0236332>

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0429372 - BC-A 2015 RIV US eng J - Journal Article

Chen, G. - Wang, X. - Sakhon, O. S. - Sohail, M - Brown, L.J. - Sircar, M. - Snyder, G.A. - Sundberg, E.J. - Ulland, T.K. - Olivier, A.K. - Andersen, J. F. - Zhou, Y. - Shi, G.-P. - Sutterwala, F.S. - Kotsyfakis, Michalis - Pedra, J. H. F.

The Tick Salivary Protein Sialostatin L2 Inhibits Caspase-1-Mediated Inflammation during *Anaplasma phagocytophilum* Infection.

Infection and Immunity. Roč. 82, č. 6 (2014), s. 2553-2564. ISSN 0019-9567

Institutional Support: RVO:60077344

Keywords: granulocytic ehrlichiosis agent * *Ixodes scapularis* * tumor necrosis factor

Subject RIV: EC - Immunology

Impact factor: 4.156, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234499>

- [WOS](#)
- [DOI](#)

0430606 - BC-A 2015 RIV CZ eng J - Journal Article

Jirků, Miloslav - Bartošová, Pavla

Ultrastructure and localisation of late-sporogonic developmental stages of *Sphaerospora ranæ* (Myxosporidia: Sphaerosporidae).

Folia Parasitologica. Roč. 61, č. 4 (2014), s. 311-321. ISSN 0015-5683

R&D Projects: GA ČR GAP506/10/2330; GA ČR(CZ) GPP506/11/P724

Institutional Support: RVO:60077344

Keywords: Amphibia * Anura * Europe * kidneys * myxospore * Myxozoa * *Rana* * sporogony * synchronisation * in situ

hybridisation

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 1.211, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235528>

- [DOI](#)

0429031 - BC-A 2015 RIV GB eng J - Journal Article

Jirout, Jiří - Pižl, Václav

Effects of the endemic earthworm *Allolobophora hrabei* (Černosvitov, 1935) on soil microbial communities of steppe grasslands.

Soil Biology and Biochemistry. Roč. 76, September (2014), s. 249-256. ISSN 0038-0717

R&D Projects: GA ČR GAP504/12/0536

Institutional Support: RVO:60077344

Keywords: bacteria * archaea * fungi * community composition * DGGE * earthworm

Subject RIV: EH - Ecology, Behaviour

Impact factor: 4.410, year: 2013

Permanent link: <http://hdl.handle.net/11104/0236138>

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0430401 - BU-J 2015 RIV US eng J - Journal Article

Johansen, J. R. - Bohunická, Markéta - Lukešová, Alena - Hřčková, Kristýna - Vaccarino, M. A. - Chesarino, N. M.

Morphological and molecular characterization within 26 strains of the genus *Cylindrospermum* (Nostocaceae, Cyanobacteria), with description of three new species.

Journal of Phycology. Roč. 50, č. 1 (2014), 187-202. ISSN 0022-3646

Institutional Support: RVO:67985939 ; RVO:60077344

Keywords: 16S rRNA gene * 16S-23S ITS * Nostocaceae * polyphasic approach

Subject RIV: EF - Botany

Impact factor: 2.529, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235383>

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0429392 - BC-A 2015 RIV US eng J - Journal Article

Kalousová, B. - Piel, A. K. - Pomajbíková, Kateřina - Modrý, David - Stewart, F.A. - Petrželková

Gastrointestinal Parasites of Savanna Chimpanzees (*Pan troglodytes schweinfurthii*) in Ugalla, Tanzania.

International Journal of Primatology. Roč. 35, č. 2 (2014), s. 463-475. ISSN 0164-0291

Institutional Support: RVO:60077344

Keywords: hominoid * *Pan troglodytes schweinfurthii* * gastrointestinal parasites * savanna * Spirurids * transmission * Ugalla * Tanzania

Subject RIV: GJ - Animal Vermin & Diseases, Veterinary Medicine

Impact factor: 1.994, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234516>

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0429397 - BC-A 2015 RIV US eng J - Journal Article

Kicia, M. - Wesolowska, M. - Jakuszko, K. - Kopacz, Z. - Sak, Bohumil - Květoňová, Dana - Krajewska, M. - Kváč, Martin

Concurrent Infection of the Urinary Tract with *Encephalitozoon cuniculi* and *Enterocytozoon bieneusi* in a Renal Transplant Recipient.

Journal of Clinical Microbiology. Roč. 52, č. 5 (2014), s. 1780-1782. ISSN 0095-1137

Institutional Support: RVO:60077344

Keywords: urinary tract coinfection * immunosuppression * organ transplant recipient

Subject RIV: EE - Microbiology, Virology

Impact factor: 4.232, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234519>

- [DOI](#)

0428423 - BC-A 2015 RIV US eng J - Journal Article

Klečka, Jan

The role of a water bug, *Sigara striata*, in freshwater food webs.

PeerJ. Roč. 2, č. 1 (2014), e389. ISSN 2167-8359

Not R&D Projects: Student Grant Agency of the Faculty of Biological Sciences, University of South Bohemia(CZ) SGA 2008

Institutional Support: RVO:60077344

Keywords: predation * predator-prey interactions * food webs

Subject RIV: EH - Ecology, Behaviour

<https://peerj.com/articles/389.pdf>

Permanent link: <http://hdl.handle.net/11104/0236192>

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