

**Rigorozní práce obhájené na BF JU ( do 31.7.2007) a na PřF JU ( od 1.8.2007)**

stav k 31.12.2018

| <b>Jméno autora</b>   | <b>Název práce</b>   | <b>Rok obhájení</b> | <b>Obor</b>                    |
|-----------------------|--|---------------------|--------------------------------|
| Borovec Jakub         | Phosphorus Cycling in a Dimictic Reservoir – the Seč Reservoir (Czech Republic)  | 1999                | Limnologie                     |
| Vašková Dana          | Variability and molecular typing of the woody-tree infecting prunus necrotic ringspot ilarvirus  | 2000                | Genetika                       |
| Pechová Jitka         | Salivary gland extract from <i>Ixodes ricinus</i> ticks inhibits production of interferon $\gamma$ by upregulation of interleukin - 10 | 2000                | Parazitologie                  |
| Lederer Filip         | <i>Asterocapsa aerophytica</i> (Cyanobacteria, Chroococcales), a new species from the Triglav National Park (Julian Alps, Slovenia)    | 2000                | Botanika                       |
| Kuthejlová Marie      | Suppressive effect of <i>Ixodes ricinus</i> salivary gland extract on mechanisms of natural immunity <i>in vitro</i>                   | 2000                | Parazitologie                  |
| Braunfuchsová Pavlína | Cytokine response to infection with the microsporidian, <i>Encephalitozoon cuniculi</i>  | 2000                | Parazitologie                  |
| Kotorová Ivana        | Comparative ecology of seedling recruitment in an oligotrophic wet meadow  | 2001                | Ekologie                       |
| Koutná Irena          | Position effects of genetic loci in nuclei of interphase cells of human origin   | 2001                | Molekulární a buněčná biologie |
| Vlášková Michaela     | Characterization of a carboxypeptidase A gene from the mosquito, <i>Aedes aegypti</i>  | 2001                | Parazitologie                  |
| Mihulka Stanislav     | Invasion history of <i>Oenothera</i> congeners in Europe: A comparative study of spreading rates in the last 200 years                 | 2001                | Botanika                       |
| Křenová Zdeňka        | Regeneration of a <i>Gentiana pneumonanthe</i> population in an oligotrophic wet meadow  | 2001                | Botanika                       |
| Kaštovský Jan         | The phototrophic microvegetation of seminatural thermal springs in Karlovy Vary, Czech Republic  | 2001                | Botanika                       |
| Štolba Petr           | Polykinetoplast DNA structure in <i>Dimastigella trypaniformis</i> and <i>Dimastigella mimosa</i> (Kinetoplastida)                     | 2001                | Genetika                       |
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|---------------------|---|------|--|
| Škeříková Andrea    | Phylogenetic analysis of European species of <i>Proteocephalus</i> (Cestoda: Proteocephalidea): compatibility of molecular and morphological data, and parasite-host coevolution                    | 2001 | Parazitologie                            |
| Maxová Anna         | Diel changes in adipokinetic response and walking activity of <i>Pyrrhocoris apterus</i> (Heteroptera) in relation to physiological status and wing dimorphism                                      | 2002 | Fyziologie a vývojová biologie živočichů |
| Weiter Libor        | Potential occurrence of the birch mouse ( <i>Sicista betulina</i> ) in the Bohemian Forests (Šumava): A geographical information system approach  | 2002 | Zoologie                                 |
| Petrmichlová Zdeňka | Osmoregulation in <i>Bacillus subtilis</i> under potassium limitation: a new inducible K <sup>+</sup> -stimulated, VO <sub>4</sub> <sup>3-</sup> -inhibited ATPase                                  | 2002 | Molekulární a buněčná biologie           |
| Salát Jiří          | Role of CD4 <sup>+</sup> and CD8 <sup>+</sup> T lymphocytes in the protection of mice against <i>Encephalitozoon intestinalis</i> infection   | 2002 | Parazitologie                            |
| Frantová Denisa     | Capillariid nematodes (Nematoda: Capillariidae) parasitic in the common cormorant ( <i>Phalacrocorax carbo</i> ), with redescription of <i>Baruscapillaria carbonis</i> (Dubinin et Dubinina, 1940) | 2002 | Parazitologie                            |
| Kyselová Iveta      | Identity of <i>Naegleria</i> strains isolated from organs of freshwater fishes  | 2002 | Parazitologie                            |
| Kubečková Klára     | Periphyton ecology of glacial and snowmelt streams, Ny-Ålesund, Svalbard: presence of mineral particles in water and their erosive activity   | 2002 | Botanika                                 |
| Čech Martin         | Sinusoidal cycling swimming pattern of reservoir fishes   | 2002 | Zoologie                                 |
| Slapničková Martina | Rat neutrophil phagocytosis following feed restriction  | 2002 | Experimentální biologie                  |
| Martínková Jana     | Phenological patterns of grassland species: Relation to the ecological and morphological traits   | 2002 | Botanika                                 |
| Kuchta Roman        | Cestodes of Family Dilepididae (Cestoda: Cyclophyllidea) From Fish-Eating Birds in Mexico: a Survey of Species  | 2002 | Parazitologie                            |
| Veverková Marie     | Experimental study on pathogenetic potential of six <i>Acanthamoeba</i> strains isolated from fish  | 2002 | Parazitologie                            |
| Zíková Alena        | A Novel Nuclear-Encoded Putative Subunit of the Cytochrome <i>c</i> Oxidase Complex in Trypanosomatids  | 2002 | Parazitologie                            |
| Faltýnková Anna     | Cercariae of trematodes from <i>Bythinella austriaca</i> (Frauenfeld, 1857) agg. (Gastropoda, Prosobranchia)  | 2003 | Parazitologie                            |
| Devetter Miloslav   | Vliv podmínek prostředí na společenstvo vírníků přehradní nádrže  | 2003 | Ekologie                                 |
| Prchalová Marie     | Acoustic study of fish and invertebrate behaviour in a tropical reservoir   | 2003 | Ekologie                                 |

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|-----------------------|---|------|-------------------------|
| Jersáková Jana        | Patterns of pollinator-generated fruit set in <i>Orchis morio</i> (Orchidaceae)   | 2003 | Ekologie                |
| Znachor Petr          | Cell specific primary production of autotrophic and mixotrophic phytoplankton in acidified lakes of the Bohemian Forest                                       | 2003 | Ekologie                |
| Jezbera Jan           | Longitudinal changes in protistan bacterivory and bacterial production in two canyon-shaped reservoirs of different trophic status                            | 2003 | Ekologie                |
| Mašín Michal          | Changes in bacterial community composition and microbial activities along the longitudinal axis of two canyon-shaped reservoirs with different inflow loading | 2003 | Ekologie                |
| Šklíba Jan            | Samci chřástala polního <i>Crex crex</i> zvětšují své domovské okrsky návštěvami teritorií sousedních samců   | 2003 | Zoologie                |
| Tietz František David | Phylogeny and biogeography of Triatominae (Hemiptera: Reduviidae): molecular evidence of a New World origin of the Asiatic clade                              | 2003 | Zoologie                |
| Mészáros Tibor        | PlantSat: a specialized database for plant satellite repeats  | 2003 | Experimentální biologie |
| Halbhuber Zbyněk      | Overexpression and purification of recombinant membrane PsbH protein in <i>Escherichia coli</i>   | 2003 | Experimentální biologie |
| Hejcman Michal        | Effect of Rotational and Continuous Grazing on Vegetation of an Upland Grassland in the Jizerské Hory Mts., Czech Republic                                    | 2004 | Botanika                |
| Fiala Ivan            | <i>Perkinsiella amoebae</i> - like endosymbionts of <i>Neoparamoeba</i> spp., relatives of the kinetoplastid <i>Ichthyobodo</i>                               | 2004 | Parazitologie           |
| Macek Petr            | The effect of environmental heterogeneity on clonal behaviour of <i>Prunella vulgaris</i> L   | 2004 | Botanika                |
| Sak Bohumil           | Vliv humorálních protilátek na průběh infekce mikrosporidií <i>Encephalitozoon cuniculi</i>   | 2005 | Parazitologie           |
| Pindová Zuzana        | Fish-isolated strains of <i>Hartmannella vermiformis</i> Page, 1967: morphology, phylogeny and molecular diagnosis of the species in tissue lesions           | 2005 | Parazitologie           |
| Trantírková Silvie    | SmD1 Is Required for Spliced Leader RNA Biogenesis  | 2005 | Experimentální biologie |
| Vaněček Tomáš         | Mitochondrial DNA D-loop hypervariable regions: Czech population data   | 2005 | Experimentální biologie |
| Horáčková Eva         | The Role of Mitochondrial RNA-binding Proteins MRP1 and MRP2 in procyclic <i>Trypanosoma brucei</i>   | 2005 | Experimentální biologie |
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|-------------------|---|------|-------------------------|
| Veselá Silvie     | Importance of colour in the reaction of passerine predators to aposematic prey: experiments with mutants of <i>Pyrrhocoris apterus</i> (Heteroptera)                                  | 2005 | Zoologie                |
| Prokopová Milena  | Reactions of passerine birds to aposematic and non-aposematic firebugs ( <i>Pyrrhocoris apterus</i> ; Heteroptera)  | 2005 | Zoologie                |
| Fric Zdeněk       | Red & black or black & white? Phylogeny of the <i>Araschnia</i> butterflies (Lepidoptera: Nymphalidae) and evolution of seasonal polyphenism  | 2006 | Zoologie                |
| Štrojsová Alena   | Seasonal study of extracellular phosphatase expression in the phytoplankton of a eutrophic reservoir  | 2006 | Ekologie                |
| Severinová Jana   | Coinoculation of <i>Borrelia afzelii</i> with tick salivary gland extract influences distribution of immunocompetent cells in the skin and lymph nodes of mice                        | 2006 | Parazitologie           |
| Elsnicová Barbara | Ontogeny of tick hemocytes: a comparative analysis of <i>Ixodes ricinus</i> and <i>Ornithodoros moubata</i>   | 2006 | Parazitologie           |
| Vancová Marie     | Lectin-binding characteristics of a Lyme borreliosis spirochete <i>Borrelia burgdorferi</i> sensu stricto   | 2006 | Parazitologie           |
| Hornák Karel      | Impacts of resources, protists and viruses on a structure of bacterioplankton assemblage  | 2006 | Ekologie                |
| Peterka Jiří      | The diet and growth of larval and juvenile pikeperch ( <i>Stizostedion lucioperca</i> (L.)): A comparative study of fishponds and a reservoir   | 2006 | Zoologie                |
| Chaloupecká Eva   | Equivalence of competitor effects and tradeoff between vegetative multiplication and generative reproduction: case study with <i>Lychnis flos-cuculi</i> and <i>Myosotis nemorosa</i> | 2006 | Botanika                |
| Paris Zdeněk      | Translational initiation in <i>Leishmania tarentolae</i> and <i>Phytomonas serpens</i> (Kinetoplastida) is strongly influenced by pre-ATG triplet and its 5' sequence context         | 2006 | Parazitologie           |
| Verner Zdeněk     | Downregulation of the nuclear-encoded subunits of the complexes III and IV disrupts their respective complexes but not complex I in procyclic <i>Trypanosoma brucei</i>               | 2006 | Experimentální biologie |
| Wijová Martina    | Molecular phylogeny of dracunculoid nematodes (Nematoda: Rhabditida) based on SSU rRNA genes  | 2006 | Parazitologie           |
| Sirová Dagmara    | Extracellular enzyme activities in benthic cyanobacterial mats: comparison between nutrient enriched and control sites in marshes of northern Belize                                  | 2006 | Ekologie                |
| Havelková Pavla   | Transformation of the pectoral girdle in the evolutionary origin of frogs   | 2006 | Zoologie                |

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| Škaloudová<br>Barbora        | Computer-assisted estimation of leaf damage caused by spider mites  | 2006 | Ekologie                |
| Pecková Hana                 | Fish-isolated Neogleria strains and their phylogeny inferred from ITS and SSU rDNA sequences  | 2006 | Parazitologie           |
| Brabec Jan                   | Paraphyly of the Pseudophyllidea (Platyhelminthes: Cestoda): circumscription of monophyletic clades based on phylogenetic analysis of ribosomal RNA                         | 2006 | Parazitologie           |
| Skallová Anna                | The role of dopamine in Toxoplasma-induced behavioural alterations in mice: an ethological and ethopharmacological study  | 2006 | Parazitologie           |
| Marešová Marie               | Photochemical source of metals for sediments  | 2006 | Ekologie                |
| Kaňa Jiří                    | Impact of soil characteristics and bedrock composition on phosphorus concentrations in two Bohemian Fores lakes   | 2006 | Ekologie                |
| Kýčková Kateřina             | Effect of tick saliva on mechanisms of innate immune response against <i>Borrelia afzelii</i>   | 2006 | Klinická biologie       |
| Moulišová<br>Vladimíra       | Replacement of Cyclosporin A from its Binding to Hepatocyte Plasma Membrane by Silymarin Flavonoids   | 2006 | Experimentální biologie |
| Trojánková Kamila            | State of knowledge about desmid flora in French Guiana  | 2006 | Botanika                |
| Jezberová Jitka              | Morphometry and growth of three <i>Synechococcus</i> -like picoplanktic cyanobacteria at different culture conditions   | 2006 | Ekologie                |
| Zemanová –<br>Chocholová Eva | Genetic polymorphism within the <i>Leishmania donovani</i> complex: correlation with geographic origin  | 2006 | Experimentální biologie |
| Novák Jan                    | Proximity of valuable habitats affects succession patterns in abandoned quarries  | 2007 | Botanika                |
| Štechová Táňa                | The requirements of the rare moss, <i>Hamatocaulis vernicosus</i> (Calliergonaceae, Musci), in the Czech Republic in relation to vegetation, water chemistry and management | 2007 | Botanika                |
| Hajdušek Ondřej              | Molecular identification of <i>Cryptosporidium</i> spp. in animal and human hosts from the Czech Republic   | 2007 | Parazitologie           |
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|--------------------|--|------|-------------------------|
| Jonášová Magdalena | Rehabilitation of monotonous exotic coniferous plantations: A case study of spontaneous establishment of different tree species  | 2007 | Botanika                |
| Horká Helena       | Pure CD4+ T lymphocytes fail to protect perorally infected SCID mice from lethal microsporidiosis caused by <i>Encephalitozoon cuniculi</i>  | 2007 | Klinická biologie       |
| Řičánková Věra     | Familiarity and partner preferences in female common voles, <i>Microtus arvalis</i>  | 2007 | Zoologie                |
| Ležalová Radka     | Primary sex-ratio and its variability in black-headed gull ( <i>Larus ridibundus</i> )   | 2007 | Zoologie                |
| Barčiová Lenka     | Morphometric study of two species of wood mice <i>Apodemus sylvaticus</i> and <i>A. flavicollis</i> (Rodentia: Muridae): traditional and geometric morphometric approach                   | 2007 | Zoologie                |
| Helingerová Monika | Accumulation of carbon, nitrogen and phosphorus during soil formation on alder spoil heaps brown-coal mining, near Sokolov (Czech Republic)  | 2007 | Ekologie                |
| Kozlová Petra      | Complete nucleotide sequence and molecular probing of potato virus S genome  | 2007 | Experimentální biologie |
| Těšitel Jakub      | Morphological variation in the <i>Melampyrum sylvaticum</i> group within the transitional zone between <i>Melampyrum sylvaticum</i> s. str. and <i>Melampyrum herbichii</i>                | 2007 | Botanika                |
| Jelínek Jiří       | Effects of interferon gamma and specific polyclonal antibody on the infection of murine peritoneal macrophages and murine macrophage cell line PMJ2-R with <i>Encephalitozoon cuniculi</i> | 2007 | Klinická biologie       |
| Růžek Daniel       | Rapid subtyping of tick-borne encephalitis virus-isolates using multiplex RT-PCR   | 2007 | Klinická biologie       |
| Večeřa Josef       | Adipokinetic hormone-induced enhancement of antioxidant capacity of <i>Pyrrhocoris apterus</i> hemolymph in response to oxidative stress   | 2007 | Klinická biologie       |
| Horáková Eva       | Is <i>Radix peregra</i> a new intermediate host of <i>Fascioloides magna</i> (Trematoda) in Europe? Field and experimental evidence  | 2007 | Parazitologie           |
| Sojka Daniel       | IrAE: an asparaginyl endopeptidase (legumain) in the gut of the hard tick <i>Ixodes ricinus</i>  | 2007 | Klinická biologie       |
| Grunclová Lenka    | Lysozyme from the gut of the soft tick <i>Ornithodoros moubata</i> : the sequence, phylogeny and post-feeding regulation   | 2007 | Klinická biologie       |
| Klímová Martina    | Mechanical design indicates differences in mobility among butterfly generations  | 2007 | Zoologie                |
| Doležal Petr       | Novel methods of monitoring the feeding behavior of <i>Homalodisca coagulata</i> (Say) (Homoptera; Cicadellidae)   | 2007 | Experimentální biologie |

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|--------------------|--|------|-------------------------|
| Rehounková Klára   | Spontaneous vegetation succession in disused gravel-sand pits: Role of local site factors and landscape factors  | 2007 | Botanika                |
| Kablásková Lenka   | Larval trematodes (Digenea) of the great pond snail, <i>Lymnaea stagnalis</i> (L.), (Gastropoda, Pulmonata) in Central Europe: a survey of species and key to their identification         | 2007 | Parazitologie           |
| Fuková Iva         | Molecular cytogenetic analysis of the W sex chromosome in Lepidoptera  | 2007 | Experimentální biologie |
| Tomčala Aleš       | Seasonal acquisition of chill tolerance and restructuring of membrane glycerophospholipids in an overwintering insect: triggering by low temperature, desiccation and diapause progression | 2007 | Experimentální biologie |
| Grossmann Petr     | Analysis of the genes of tyrosinkinases KIT and PDGFR $\alpha$ in gastrointestinal stromal tumours   | 2007 | Experimentální biologie |
| Šíma Radek         | Cutaneous lymphoid hyperplasia and other lymphoid infiltrates of the breast nipple   | 2007 | Experimentální biologie |
| Vítková Magda      | Telomery a fylogeneze živočichů  | 2007 | Experimentální biologie |
| Tollarová Michaela | Seasonal activity-profiles of enzymes involved in cryoprotectant biosynthesis in <i>Pyrrhocoris apterus</i> (Heteroptera)  | 2008 | Experimentální biologie |
| Pálková Kateřina   | Positive relationship between plant palatability and litter decomposition in meadow plants   | 2008 | Botanika                |
| Hauer Tomáš        | Image analysis – a simple method of algal culture growth assessment  | 2008 | Botanika                |
| Chrudimský Tomáš   | A photosynthetic alveolate closely related to apicomplexan parasites   | 2008 | Experimentální biologie |
| Bišová Kateřina    | Cyklin-dependentní kinasy v buněčném cyklu zelené řasy <i>Scenedesmus quadricauda</i>  | 2008 | Experimentální biologie |
| Nováková Eva       | A new <i>Sodalis</i> lineage from bloodsucking fly <i>Craterina melbae</i> (Diptera, Hippoboscoidea) originated independently of the tsetse flies symbiont <i>Sodalis glossinidius</i>     | 2008 | Parazitologie           |

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|-------------------|--|------|-------------------------|
| Chmelař Jindřich  | Insight into the sialome of the castor bean tick, <i>Ixodes ricinus</i>  | 2008 | Parazitologie           |
| Štefka Jan        | Characterization of microsatellite loci in the tapeworm <i>Ligula intestinalis</i> (Cestoda: Diphyllbothriidea) a parasite of freshwater fish                              | 2008 | Parazitologie           |
| Draštík Vladislav | Fish avoidance of acoustic survey boat in shallow waters   | 2008 | Ekologie                |
| Tropek Robert     | Can quarries supplement rare xeric habitats in a piedmont region? Spiders of the Blansky les Mts., Czech Republic  | 2008 | Zoologie                |
| Plavcová Lenka    | Spatial Variation of Deuterium Enrichment in Bulk Water of Snowgum Leaves  | 2008 | Experimentální biologie |
| Vlčková Romana    | Invalidity of three Palaearctic species of Trianophorus tapeworms ( Cestoda: Pseudophyllidea): evidence from morphometric analysis of scolex hooks                         | 2008 | Parazitologie           |
| Bastl Marek       | Central European pine bogs changing along an altitudinal gradient  | 2008 | Botanika                |
| Horn Petr         | Mire vegetation gradient established as a result of interaction with water reservoir   | 2008 | Ekologie                |
| Mach Jiří         | Natural peat bog regeneration  | 2008 | Ekologie                |
| Kolářová Kateřina | <i>Daphnia galeata</i> in the deep hypolimnion: spatial differentiation of a "typical epilimnetic" species   | 2008 | Ekologie                |
| Hájek Tomáš       | Water content components, desiccation and recovery in Sphagnum mosses  | 2008 | Ekologie                |
| Mašková Zuzana    | Long-term functioning of a species-rich mountain meadow under different management régimes   | 2008 | Ekologie                |
| Zapomělová Eliška | Experimental comparison of phenotypical plasticity and growth demands of two strains from the <i>Anabaena circinalis</i> / <i>A. crassa</i> complex                        | 2008 | Ekologie                |
| Štrojsová Martina | Direct detection of digestive enzymes in planktonic rotifers using enzyme-labelled fluorescence (ELF)  | 2008 | Ekologie                |
| Latzel Vít        | Plant traits and regeneration of urban plant communities after disturbance: Does the bud bank play any role?   | 2008 | Botanika                |
| Půža Vladimír     | Seasonal dynamics of entomopathogenic nematodes of the genera <i>Steinernema</i> and <i>Heterorhabditis</i> as a response to abiotic factors and abundance of insect hosts | 2008 | Zoologie                |
| Demová Hana       | Changes of signal transduction proteins in connection with diabetic nephropathy  | 2009 | Klinická biologie       |



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| Steinbauerová Veronika | Splicing of intron-containing transcripts of plant LTR retrotransposon <i>Ogre</i>  | 2009 | Experimentální biologie |
| Němcová Jana           | Cutaneous and Superficial Soft Tissue Lesions Associated With Albright Hereditary Osteodystrophy: Clinicopathological and Molecular Genetic Study of 4 Cases, Including a Novel Mutation of the GNAS Gene | 2009 | Klinická biologie       |
| Martinů Jana           | A review of mites of the genus <i>Neharpyrhynchus</i> Fain (Acari : Harpirhynchidae) – ectoparasites of wild birds, including description of four new species   | 2009 | Parazitologie           |
| Malinová Tamara        | Spatial aspects of seed dispersal and seedling recruitment in orchids   | 2009 | Botanika                |
| Mareš Jan              | The little known pseudofilamentous cyanobacterium <i>Wolskyella</i> (Synechococcales)   | 2009 | Botanika                |
| Jarolím Oldřich        | The use of pelagic habitat by cyprinids in a deep riverine impoundment: Římov Reservoir, Czech Republic   | 2009 | Biologie ekosystémů     |
| Sekerka Lukáš          | Two news species of <i>Notosacantha</i> Chevrolat, 1834 from India (Coleoptera: Chrysomelidae: Cassidinae)  | 2009 | Zoologie                |
| Kašičková Denisa       | Detection of <i>Encephalitozoon cuniculi</i> in a new host-cockateel ( <i>Nymphicus hallandicus</i> ) using molecular methods   | 2009 | Parazitologie           |
| Zemanová Martina       | UV Photochemical Degradation of a Phenyl-Urea Herbicide Chlorotoluron   | 2009 | Ekologie                |
| Franta Zdeněk          | Mapping of hemoglobinolytic proteases in the gut of the hard tick <i>Ixodes ricinus</i>   | 2009 | Parazitologie           |
| Bartošová Pavla        | Diversity and ecology of ciliates (Alveolata: Ciliophora) living in the bark and decaying wood mass in Slovakia   | 2009 | Zoologie                |
| Burešová Veronika      | Tick immune response to the infection with <i>Chryseobacterium indologenes</i>  | 2009 | Experimentální biologie |
| Chroňáková Alica       | Diverse archaeal community of bat guano heap in Domic cave (Slovak Karst, Slovakia)   | 2009 | Ekologie                |
| Litvín Radek           | Room temperature photooxidation of $\beta$ - carotene and peripheral chlorophyll in photosystem II reaction centre  | 2009 | Experimentální biologie |
| Jirsová Dagmar         | Bothriocephalidean tapeworms (Cestoda) from the blackfish, <i>Centrolophus niger</i> (Perciformes:Centrolophidae)   | 2009 | Parazitologie           |
| Kolář Filip            | Towards resolving the <i>Knautia arvensis</i> agg. (Dipsacaceae) puzzle: primary and secondary contact zones and ploidy segregation at landscape and  | 2009 | Botanika                |

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|                               | microgeographic scales  |      |                         |
| Kříž Dalibor                  | UV Photoinitiated Changes of Humic Fluorophores, Influence of Metal Ions  | 2009 | Biologie ekosystémů     |
| Ondráčková Zuzana             | Infectivity and pathogenicity of <i>Cryptosporidium andersoni</i> to a novel host, southern multimammate mouse ( <i>Mastomys coucha</i> )               | 2009 | Parazitologie           |
| Haasová Ivana                 | Tapeworms (Cestoda: Gryporhynchidae) of Fish-Eating Birds (Ciconiiformes) from Mexico: New Host and Geographical Records                                | 2009 | Parazitologie           |
| Spitzer Lukáš                 | Biodiversity conservation of submountain pastures in Wallachia  | 2009 | Zoologie                |
| Nguyen Petr                   | Codling moth cytogenetics: karyotype, chromosomal location of rDNA, and molecular differentiation of sex chromosomes                                    | 2009 | Experimentální biologie |
| Glenda Paola Alquicer Barrera | Activation of insect anti-oxidative mechanisms by mammalian glucagon  | 2009 | Experimentální biologie |
| Schödelbauerová Iva           | Size of protected areas is the main determinant of species diversity in orchids   | 2009 | Ekologie                |
| Holcová Veronika              | The effect of macrophytes on retention times in a constructed wetland for wastewater treatment  | 2009 | Biologie ekosystémů     |
| Hajdušková Martina            | Effect of salivary gland extract from <i>Ixodes ricinus</i> ticks on the proliferation of <i>Borrelia burgdorferi</i> sensu stricto <i>in vivo</i>      | 2009 | Klinická biologie       |
| Byss Marius                   | Fungal Bioremediation of Creosote-contaminated Soil   | 2009 | Ekologie                |
| Ekrt Libor                    | A morphometric study and revision of the <i>Asplenium trichomanes</i> group in the Czech Republic   | 2009 | Botanika                |
| Bína David                    | Kinetics of <i>in vivo</i> bacteriochlorophyll fluorescence yield and the state of photosynthetic apparatus of purple bacteria                          | 2009 | Experimentální biologie |
| Brumovská Eva                 | Effect of Local Sugar and Base Geometry on <sup>13</sup> C and <sup>15</sup> N Magnetic Shielding Anisotropy in DNA Nucleosides                         | 2009 | Experimentální biologie |
| Ditrich Tomáš                 | Effective strategy of the overwintering of semiaquatic bugs: overwintering of <i>Velia caprai</i> (Heteroptera: Gerromorpha: Veliidae)                  | 2010 | Ekologie                |
| Štajerová Kateřina            | Arbuscular mycorrhizal symbiosis of herbaceous invasive neophytes in the Czech Republic   | 2010 | Botanika                |
| Padyšáková Eliška             | Removal of American mink increases the success of simulated nests in linear habitat   | 2010 | Zoologie                |
| Šorfová Pavlína               | An effect of 16S rRNA intergenic variability on coevolutionary analysis in symbiotic bacteria: Molecular phylogeny of <i>Arsenophonus triatominarum</i> | 2010 | Experimentální biologie |

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|------------------|---|------|-------------------------|
| Macková Jana     | Morphological and ecophysiological traits shaping altitudinal distribution of three <i>Polylepis</i> treeline species in the dry tropical Andes   | 2010 | Biologie ekosystémů     |
| Zelová Jitka     | Energetics in a solitary subterranean rodent, the silvery mole-rat, <i>Heliophobius argenteocinereus</i> , and allometry of RMR in African mole-rats (Bathyergidae)   | 2010 | Zoologie                |
| Kubásek Jiří     | Fotosyntetická ozářenost a růstová teplota mění <sup>13</sup> C diskriminaci a tím pádem pravděpodobně i úniky CO <sub>2</sub> z pochev cévních svazků u C <sub>4</sub> trav i dvouděložných rostlin          | 2010 | Experimentální biologie |
| Foltan Pavel     | A new method for marking slugs by UV-fluorescent dye  | 2010 | Zoologie                |
| Zralá Jana       | A novel function of red pigment-concentrating hormone in crustaceans: <i>Porcellio scaber</i> (Isopoda) as a model species  | 2010 | Klinická biologie       |
| Kilian Patrik    | Nucleotide variability of Tahyňa virus ( <i>Bunyaviridae</i> , Orthobunyavirus) small (S) and medium (M) genomic segments in field strains differing in biological properties                                 | 2010 | Klinická biologie       |
| Tyml Tomáš       | New data on <i>Soricimyxum fegati</i> (Myxozoa) including analysis of its phylogenetic position inferred from SSU rRNA gene sequence  | 2010 | Parazitologie           |
| Rozkošná Petra   | <i>TUCUNARELLA</i> N. GEN. AND OTHER DACTYLOGYRIDS (MONOGENOIDEA) FROM CICHLID FISH (PERCIFORMES) FROM PERUVIAN AMAZONIA  | 2010 | Parazitologie           |
| Poliak Pavel     | Functions and cellular localization of cysteine desulfurase and selenocysteine lyase in <i>Trypanosoma brucei</i>   | 2010 | Experimentální biologie |
| Týč Jiří         | YCF45 protein, usually associated with plastids, is targeted into the mitochondrion of <i>Trypanosoma brucei</i>  | 2010 |                         |
| Tomek Petr       | Cytotoxicity and secondary metabolites production in terrestrial <i>Nostoc</i> strains, originating from different climatic/geographic regions and habitats: Is their cytotoxicity environmentally dependent? | 2010 | Experimentální biologie |
| Hrouzek Pavel    | Comparison of light and dark nitrogenase activity in selected soil cyanobacteria  | 2010 | Botanika                |
| Diáková Kateřina | Inorganic Indicators of Redox Conditions in a Horizontal Subsurface Flow Constructed Wetland  | 2010 | Ekologie                |
| Applová Markéta  | Effect of available P and phenolics on mineral N release in acidified spruce forest: connection with lignin-degrading enzymes and bacterial and fungal communities  | 2010 | Ekologie                |
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| Herbstová Miroslava | Localization of Pcb antenna complexes in the photosynthetic prokaryote <i>Prochlorothrix hollandica</i>  | 2010 | Experimentální biologie |
| Sroka Pavel         | Morphology and ultrastructure of the molar area of mandibles in mayfly (Ephemeroptera) larvae  | 2010 | Zoologie                |
| Veselý Petr         | Newly emerged Batesian mimicry protects only unfamiliar prey   | 2010 | Zoologie                |
| Dufková Petra       | Genetic analysis of autosomal and X-linked markers across a mouse hybrid zone  | 2010 | Experimentální biologie |
| Jirout Jiří         | Disturbing impact of outdoor cattle husbandry on community of arbuscular mycorrhizal fungi in upland pasture soil  | 2010 | Biologie ekosystémů     |
| Pivničková Barbora  | Heterotrophic microbial activities and nutritional status of microbial communities in tropical marsh sediments of different salinities: the effects of phosphorus addition and plant species | 2010 | Ekologie                |
| Vaněk Daniel        | Effect of available P and phenolics on mineral N release in acidified spruce forest: connection with lignin-degrading enzymes and bacterial and fungal communities                           | 2010 | Ekologie                |
| Bartů Iva           | Analysis of lipids mobilized by adipokinetic hormones in the firebug <i>Pyrhocoris apterus</i> (Heteroptera: Pyrrhocoridae)  | 2010 | Experimentální biologie |
| Lučan Radek         | Alcathoe bat ( <i>Myotis alcathoe</i> ) in the Czech Republic: distributional status, roosting and feeding ecology   | 2010 | Zoologie                |
| Dupejová Jarmila    | Hemolipoglycoprotein from the ornate sheep tick, <i>Dermacentor marginatus</i> : structural and functional characterization  | 2011 | Experimentální biologie |
| Macháč Antonín      | Elevational gradients in phylogenetic structure of ant communities reveal the interplay of biotic and abiotic constraints on diversity   | 2011 | Zoologie                |
| Kodádková Alena     | Activated CD8+ T cells contribute to clearance of gastric <i>Cryptosporidium muris</i> infections  | 2011 | Parazitologie           |
| Lantová Petra       | Food selection in <i>Microtus arvalis</i> : the role of plant functional traits  | 2011 | Zoologie                |
| Caisová Lenka       | Relation of <i>Pleurocapsa cuprea</i> Hansgirg to the genus <i>Hildenbrandia</i> (Rhodophyta)  | 2011 | Botanika                |
| Frantová Helena     | Dynamics of digestive proteolytic system during blood feeding of the hard tick <i>Ixodes ricinus</i>   | 2011 | Klinická biologie       |
| Robovský Jan        | The sixth rhino: a taxonomic re-assessment of the critically endangered Northern white rhinoceros  | 2011 | Zoologie                |

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| Zimmermann Kamil  | Demography of a large and common butterfly: <i>Argynnis aglaja</i> (Lepidoptera, Nymphalidae) studied by mark-recapture   | 2011 | Zoologie                |
| Káplová Miroslava | The effect of nutrient level on plant structure and production in a wet grassland: a field study  | 2011 | Biologie ekosystémů     |
| Šípková Lenka     | Spermatological characters of bothriocephalideans (Cestoda) inferred from an ultrastructural study on <i>Oncodiscus sauridae</i> and <i>Senga</i> sp.                               | 2011 | Parazitologie           |
| Jeníková Martina  | New view on the age-specificity of pig <i>Cryptosporidium</i> by species-specific primers for distinguishing <i>Cryptosporidium suis</i> and <i>Cryptosporidium</i> pig genotype II | 2011 | Klinická biologie       |
| Čuhel Jiří        | Effect of pH on the denitrifying enzyme activity in pasture soils in relation to the intrinsic differences in denitrifier communities   | 2011 | Biologie ekosystémů     |
| Hrčková Kristýna  | Biological dinitrogen fixation by selected soil Cyanobacteria as affected by strain origin, morphotype, and light conditions  | 2011 | Botanika                |
| Věchtová Pavlína  | „DNA barcoding“ is of limited value for identifying adelgids (Hemiptera: Adelgidae) but supports traditional morphological taxonomy   | 2011 | Experimentální biologie |
| Růžička Petr      | Experimental examination of EFL and MATX eukaryotic horizontal gene transfers: co-existence of mutually exclusive transcripts predates functional rescue                            | 2011 | Experimentální biologie |
| Bohunická Markéta | <i>Tapinothrix clintonii</i> sp.nov. (Pseudanabaenaceae, Cyanobacteria), a new species at the nexus of five genera  | 2011 | Botanika                |
| Černotíková Eva   | Phylogenetic relationships of some spirurine nematode( Nematoda: Chromadorea: Rhabditida: Spirurina) parasitic in fishes inferred from SSU rRNA gene sequences                      | 2011 | Parazitologie           |
| Klimeš Petr       | Larval and adult seed consumption affected by the degree of food specialization in <i>Amara</i> (Coleoptera: Carabidae)   | 2011 | Zoologie                |
| Lövy Matěj        | Diet composition of Common Kestrels <i>Falco tinnunculus</i> and Long-eared Owls <i>Asio otus</i> coexisting in an urban environment  | 2011 | Zoologie                |
| Reňák David       | Cytoskeleton-associated large RNP complexes in tobacco male gametophyte (EPPs) are associated with ribosomes and are involved in protein synthesis, processing, and localization    | 2011 | Experimentální biologie |
| Jalovecká Marie   | Aktivace protektivní buněčné imunitní odpovědi v žaludečním epitelu myši během infekce a reinfekce <i>Cryptosporidium muris</i>   | 2012 | Parazitologie           |

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| Suchánek Pavel      | Changes of Plasma Lipids during Weight Reduction in Females Depends on APOA5 Variants   | 2012 | Klinická biologie       |
| Štěrbá Ján          | Flagellin and outer surface proteins from <i>Borrelia burgdorferi</i> are not glycosylated  | 2012 | Klinická biologie       |
| Říčanová Štěpánka   | Population genetic structure of the European ground squirrel in the Czech Republic  | 2012 | Zoologie                |
| Veselá Jana         | The algal flora of Acadia National Park, Maine  | 2012 | Botanika                |
| Marková Petra       | Poruchy integrity chromatinu spermií u mužů z párů s idiopatickou sterilitou  | 2012 | Experimentální biologie |
| Přichová Jana       | Der-p2 ( <i>Dermatophagoides pteronyssinus</i> ) allergen-like protein from the hard tick <i>Ixodes ricinus</i> – a novel member of ML (MD-2-related lipid-recognition) domain protein family | 2012 | Experimentální biologie |
| Čejková Alžběta     | Extreme radial growth reaction of Norway spruce along an altitudinal gradient in the Šumava Mountains   | 2012 | Botanika                |
| Mudrák Ondřej       | Allelopathic effect of <i>Salix caprea</i> litter on late successional plants at different substrates of post-mining sites - pot experiment studies   | 2012 | Botanika                |
| Červinka Petr       | The fine-scale utilization of forest edges by mammalian mesopredators related to patch size and conservation issues in Central European farmland  | 2012 | Zoologie                |
| Husník Filip        | Multiple origins of endosymbiosis within the Enterobacteriaceae ( $\gamma$ -Proteobacteria): convergence of complex phylogenetic approaches   | 2012 | Parazitologie           |
| Poláková Simona     | Long-term changes in numbers and distribution of wintering waterbirds in the Czech Republic, 1966 - 2008  | 2012 | Zoologie                |
| Milada Zemanová     | Poikilothermic traits in Mashona mole-rat ( <i>Fukomys darlingi</i> ). Reality or myth?   | 2012 | Experimentální biologie |
| Korbelová Jaroslava | Long-Term Cold Acclimation Extends Survival Time at 0°C and Modifies the Metabolomic Profiles of the Larvae of the Fruit Fly <i>Drosophila melanogaster</i>                                   | 2012 | Experimentální biologie |
| Klečková Irena      | Diurnal behavior and habitat preferences of <i>Erebia aethiops</i> , an aberrant lowland species of a mountain butterfly clade  | 2012 | Entomologie             |
| Vlašánek Petr       | Sphragis in <i>Parnassius mnemosyne</i> (Lepidoptera: Papilionidae): male-derived insemination plugs loose efficiency with progress of female flight  | 2012 | Entomologie             |
| Urbanová Zuzana     | Vegetation and carbon gas dynamics under a changed hydrological regime in central European peatlands  | 2012 | Ekologie                |

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| Tahovská Karolina  | Nitrogen transformations and pools in N-saturated mountain spruce forest soils  | 2012 | Biologie ekosystémů     |
| Ekrťová Ester      | Genetic variation and reproduction strategy of <i>Gentiana pannonica</i> in different habitats  | 2013 | Botanika                |
| Lencová Kamila     | Restoration of hay meadows on ex-arable land: commercial seed mixtures vs. spontaneous succession   | 2013 | Botanika                |
| Sládeček František | Interplay of succession and seasonality reflects resource utilization in an ephemeral habitat   | 2013 | Zoologie                |
| Klečka Jan         | Lazy ecologist's guide to water beetle diversity: Which sampling methods are the best?  | 2013 | Biologie ekosystémů     |
| Němec Michal       | Red-backed Shrikes ( <i>Lanius collurio</i> ) adjust the mobbing intensity, but not mobbing frequency, by assessing the potential threat to themselves from different predators                                 | 2013 | Zoologie                |
| Rozsypal Jan       | Physiological and biochemical responses to cold and drought in the rock-dwelling pulmonate snail, <i>Chondrina avenacea</i>   | 2013 | Experimentální biologie |
| Blažková Hana      | Novel roles for the corpus allatum hormone in the cost of sexual interactions in the linden bug <i>Pyrrhocoris apterus</i>  | 2013 | Experimentální biologie |
| Krolová Monika     | Faktory ovlivňující výskyt vodních makrofyt v nádrži Lipno  | 2013 | Biologie ekosystémů     |
| Vaničková Ivana    | The stabilizing effect of resting eggs banks of the <i>Daphnia longispina</i> species complex for longitudinal taxon heterogeneity in long and narrow reservoirs  | 2013 | Biologie ekosystémů     |
| Tušer Michal       | Fish orientation along the longitudinal profile of the Římov reservoir during the daytime: Consequences for horizontal acoustic surveys   | 2013 | Biologie ekosystémů     |
| Kratochvíl Michal  | Littoral age 0+ fish distribution in relation to multi-scale spatial heterogeneity of a deep-valley reservoir   | 2013 | Ekologie                |
| Fišer Miroslav     | Fibrinogen-related proteins in ixodid ticks   | 2013 | Klinická biologie       |
| Kaiserová Pavlína  | Proenzyme therapy of sarcoma S-180 and melanoma B16-F10   | 2013 | Klinická biologie       |
| Vejřík Lukáš       | The use of artificial spawning substrates in order to understand the factors influencing the spawning site selection, depth of egg strands deposition and hatching time of perch ( <i>Perca fluviatilis</i> L.) | 2013 | Zoologie                |
| Bednářová Andrea   | Adipokinetic hormone counteracts oxidative stress elicited in insects by hydrogen peroxide: <i>in vivo</i> and <i>in vitro</i> study  | 2013 | Experimentální biologie |
| Kotas Petr         | Raman Microspectroscopy of Individual Algal Cells: Sensing Unsaturation of Storage Lipids <i>in vivo</i>  | 2013 | Biologie ekosystémů     |

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| Kotková Michaela                  | Latent Microsporidiosis Caused by <i>Encephalitozoon cuniculi</i> in Immunocompetent Hosts: A Murine Model Demonstrating the Ineffectiveness of the Immune System and Treatment with Albendazole | 2014 | Parazitologie           |
| Čapkova<br>Frydrychová<br>Radmila | HP1 is Distributed Within Distinct Chromatin Domains at Drosophila Telomeres   | 2013 | Experimentální biologie |
| Piálek Lubomír                    | <i>Crenicichla hu</i> , a new species of cichlid fish (Teleostei: Cichlidae) from the Paraná basin in Misiones, Argentina  | 2013 | Zoologie                |
| Muška Milan                       | Spatial distribution of fish in Lake Turkana, Kenya  | 2013 | Zoologie                |
| Janatková Kateřina                | Silica-scaled chrysophytes of Southern Bohemian water bodies, including <i>Mallomonas conspersa</i> Dürschmidt with occurrence so far reported from Japan and New Zealand                        | 2013 | Botanika                |
| Šorf Michal                       | Different effects of planktonic invertebrate predators and fish on the plankton community in experimental mesocosms  | 2014 | Biologie ekosystémů     |
| Visocká Veronika                  | Spatial heterogeneity of diatom silicification and growth in a eutrophic reservoir   | 2014 | Biologie ekosystémů     |
| Rychtecký Pavel                   | Spatial heterogeneity and seasonal succession of phytoplankton along the longitudinal gradient in a eutrophic reservoir  | 2014 | Ekologie                |
| Šimůnková Petra                   | Cell cycle arrest as a hallmark of insect diapause: Changes in gene transcription during diapause induction in the drosophilid fly, <i>Chymomyza costata</i>                                     | 2014 | Experimentální biologie |
| Košnar Jan                        | Environmental control of clonal growth in <i>Carex nigra</i> : What can be masked under the name <i>Carex nigra</i> subsp. <i>Juncella</i> in the Czech Republic?                                | 2014 | Botanika                |
| Kotková Michaela                  | Latent Microsporidiosis Caused by <i>Encephalitozoon cuniculi</i> in Immunocompetent Hosts: A Murine Model Demonstrating the Ineffectiveness of the Immune System and Treatment with Albendazole | 2014 | Parazitologie           |
| Janotová Tereza                   | Aplikace kotvených agonistů fagocytárních receptorů v protinádorové imunoterapii – model myšního melanomu (buňky kmene B16-F10)  | 2014 | Klinická biologie       |
| Skalický Tomáš                    | <i>Paratrypanosoma</i> is a novel early-branching trypanosomatid   | 2014 | Experimentální biologie |
| Zikmundová Jana                   | Species diversity of <i>Plagiorchis</i> Lühe, 1899 (Digenea: Plagiorchiidae) in lymnaeid snails from freshwater ecosystems in central Europe revealed by molecules and morphology                | 2014 | Parazitologie           |



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| Myšková Eva        | Detection of Ancient DNA of <i>Encephalitozoon intestinalis</i> (Microsporidia) in Archaeological Material  | 2014 | Parazitologie           |
| Saková Kamila      | Protilátková odpověď kuřat infikovaných mikrosporidii <i>Encephalitozoon hellem</i>   | 2014 | Parazitologie           |
| Rychtecká Terezie  | Species pool size and realized species richness affect productivity differently: A modeling study   | 2014 | Botanika                |
| Linhart Pavel      | Once bitten twice shy: long-term behavioural changes caused by trapping experience in willow warblers <i>Phylloscopus trochilus</i>   | 2014 | Zoologie                |
| Šlancarová Jana    | How life history affects threat status: Requirements of two <i>Onobrychis</i> -feeding lycaenid butterflies, <i>Polyommatus damon</i> and   | 2015 | Zoologie                |
| Pech Pavel         | Species-Specificity of the <i>Phengaris</i> (= <i>Maculinea</i> ) - <i>Myrmica</i> Host System: Fact or myth? (Lepidoptera: Lycaenidae; Hymenoptera: Formicidae)                    | 2015 | Zoologie                |
| Provazník Jan      | Novel roles for the corpus allatum hormone in the cost of sexual interactions in the linden bug <i>Pyrrhocoris apterus</i>  | 2015 | Experimentální biologie |
| Sýkorová Miroslava | Neo-sex chromosomes and adaptive potential in tortricid pests   | 2015 | Experimentální biologie |
| Hrabcová Martina   | Hidden diversity and evolutionary trends in malacosporean parasites (Cnidaria: Myxozoa) identified using molecular phylogenetics  | 2015 | Klinická biologie       |
| Palus Martin       | Mice with different susceptibility to tick-borne encephalitis virus infection show selective neutralizing antibody response and inflammatory reaction in the central nervous system | 2015 | Klinická biologie       |
| Páleníková Jana    | Tick sialostatins L and L2 differentially influence dendritic cell responses to <i>Borrelia spirochetes</i>   | 2015 | Klinická biologie       |
| Jaška Pavel        | Being angry, singing fast? Signalling of aggressive motivation by syllable rate in a songbird with slow song  | 2015 | Zoologie                |
| Kvíděrová Jana     | Adaptation of algae to extreme environments   | 2015 | Experimentální biologie |
| Šebek Pavel        | Contributions to the ecology of hollow dependent saproxylic beetles   | 2015 | Zoologie                |
| Kolek Jan          | Changes in Membrane Plasmalogens of <i>Clostridium pasteurianum</i> during Butanol Fermentation as Determined by Lipidomic Analysis   | 2015 | Experimentální biologie |

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| Matos Maraví Pável<br>Fortunato | Causes of endemic radiation in the Caribbean: evidence from the historical biogeography and diversification of the butterfly genus <i>Calisto</i> (Nymphalidae: Satyrinae: Satyrini)  | 2015 | Experimentální biologie |
| Volf Martin                     | Insect herbivores drive the loss of unique chemical defense in willows  | 2015 | Zoologie                |
| Novotný David                   | Can brief marking campaigns provide reliable dispersal estimates? A Nickerl's Fritillary ( <i>Melitaea aurelia</i> , Lepidoptera: Nymphalidae) case study   | 2016 | Zoologie                |
| Černý Jiří                      | Arboviruses in polar areas  | 2015 | Experimentální biologie |
| Voleníková Anna                 | Dynamic karyotype evolution and unique sex determination systems in Leptidea wood white butterflies   | 2016 | Experimentální biologie |
| Tichá Lucie                     | Sensitivity of Lyme borreliosis spirochetes to serum complement of regular zoo animals: potential reservoir competence of some exotic vertebrates   | 2016 | Parazitologie           |
| Širmarová Jana                  | Seroprevalence of <i>Borrelia burgdorferi</i> sensu lato and tick-borne encephalitis virus in zoo animal species in the Czech Republic  | 2016 | Klinická biologie       |
| Eyer Luděk                      | Nucleoside inhibitors of tick-borne encephalitis virus  | 2016 | Klinická biologie       |
| Šichová Jindra                  | Rapid turnover of the W chromosome in geographical populations of wild silkmouths, <i>Samia Cynthia</i> ssp.  | 2016 | Experimentální biologie |
| Kott Ondřej                     | Light propagation in burrows of subterranean rodents  | 2016 | Zoologie                |
| Mynářová Anna                   | Prevalence of <i>Cryptosporidium</i> spp., <i>Enterocytozoon bienersi</i> , <i>Encephalitozoon</i> spp. and <i>Giardia intestinalis</i> in wild, semi-wild and captive orangutans ( <i>Pongo abelii</i> and <i>Pongo pygmaeus</i> ) on Sumatra and Borneo, Indonesia. | 2016 | Parazitologie           |
| Svobodová Zdeňka                | Functional diversity of staphylinid beetles (Coleoptera: Staphylinidae) in maize fields: testing the possible effect of genetically modified, insect resistant maize  | 2016 | Biologie ekosystémů     |
| Šochová Eva                     | Symbionti <i>Arsenophonus</i> a <i>Sodalis</i> v kloších: analogie k systému <i>Wigglesworthia</i> a <i>Sodalis</i> v mouchách tsetse   | 2016 | Parazitologie           |
| Tichánek Filip                  | Conservation value of post-mining headwaters: drainage channels at a lignite spoil heap harbour threatened stream dragonflies   | 2016 | Zoologie                |
| Maršíková Aneta                 | Phylogeny, diversity, distribution, and host specificity of <i>Haemoproteus</i> spp. (Apicomplexa: Haemosporida: Haemoproteidae) of Palearctic tortoises.   | 2016 | Parazitologie           |
| Týcová Anna                     | Expression of SANT/HTH Myb mRNA, a plant morphogenesis-regulating transcription factor, changes due to viroid infection   | 2016 | Experimentální biologie |
| Chlumský Jan                    | Is genetic diversity congruent with morphological diversity across the  | 2016 | Botanika                |

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|                    | distributional range of the <i>Melampyrum subalpinum</i> group (Orobanchaceae)?  |      |                         |
| Richterová Lenka   | DEAD-box RNA helicase is dispensable for mitochondrial translation in <i>Trypanosoma brucei</i>  | 2016 | Parazitologie           |
| Jan Jiří           | Assessment of phosphorus associated with Fe and Al (hydr)oxides in sediments and soils   | 2016 | Biologie ekosystémů     |
| Altman Jan         | Tree-rings mirror management legacy: dramatic response of standard oaks to past coppicing in Central Europe?   | 2016 | Botanika                |
| Koubová Anna       | Effects of the earthworm <i>Eisenia andrei</i> on methanogens in a cattle-impacted soil: A microcosm study   | 2016 | Biologie ekosystémů     |
| Elsterová Jana     | (Arbo)viruses in high European Arctic  | 2016 | Klinická biologie       |
| Drag Lukáš         | Demography and Dispersal Ability of a Threatened Saproxylic Beetle: A Mark-Recapture Study of the <i>Rosalia Longicorn (Rosalia alpina)</i>            | 2016 | Entomologie             |
| Čapek Petr         | Measurement of <i>in situ</i> Phasporus Availability in Acidified Soils using Iron-Infused Resin soils.  | 2016 | Biologie ekosystémů     |
| Blabolil Petr      | Predicting asp and pikeperch recruitment in a riverine reservoir.  | 2016 | Biologie ekosystémů     |
| Korandová Michaela | Effect of low doses of herbicide paraquat on antioxidant defense in <i>Drosophila</i>  | 2016 | Experimentální biologie |
| Leštinová Kateřina | Eggs as a Suitable Tool for Species Diagnosis of Causative Agents of Human Diphyllbothriosis (Cestoda)   | 2016 | Parazitologie           |
| Dvorský Miroslav   | Testing the stress-gradient hypothesis at the roof of the world: effects of the cushion plant <i>Thylacospermum caespitosum</i> on species assemblages | 2016 | Botanika                |
| Jaroslava Kubešová | The Effect of P Enrichment on Exudate Quantity and Bioavailability - a Comparison of Two Macrophyte Species  | 2017 | Biologie ekosystémů     |
| Michala Vosátková  | Ioduria and type 1 diabetes mellitus - relationships to selected clinical markers of diabetes in adults  | 2017 | Klinická biologie       |
| Radka Mühlsteinová | A peek into diversity of terrestrial cyanobacteria collected in San Gerardo de Rivas region, Costa Rica  | 2017 | Botanika                |
| Pavel Kúr          | Origin of <i>Spergularia ×kurkae</i> , a hybrid between the rare endemic <i>S. echinosperma</i> and its widespread congener <i>S. rubra</i>            | 2017 | Botanika                |
| Pavel Duda         | Evolution of life history and behavior in Hominidae: Towards phylogenetic reconstruction of the chimpanzeehuman last common ancestor                   | 2017 | Zoologie                |
| Kateřina Bílá      | Responses of urban crows to con- and hetero-specific alarm calls in predator and   | 2017 | Zoologie                |

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|                     | non-predator zoo enclosures   |      |                         |
| Jana Ježková        | <i>Cryptosporidium testudinis</i> sp. n., <i>Cryptosporidium ducismarci</i> Traversa, 2010 and <i>Cryptosporidium</i> tortoise genotype III (Apicomplexa: Cryptosporidiidae) in tortoises | 2017 | Parazitologie           |
| Martina Dalíková    | CpSAT-1, a transcribed satellite sequence from the codling moth, <i>Cydia pomonella</i>   | 2017 | Experimentální biologie |
| Marek Šmejkal       | Associations of fish with various types of littoral habitats in reservoirs  | 2017 | Biologie ekosystémů     |
| Alena Bartoňová     | How universal are reserve design rules? A test using butterflies and their life history traits  | 2017 | Zoologie                |
| Kateřina Houfková   | Predictive relevance of miR-34a, miR-224 and miR-342 in patients with advanced squamous cell carcinoma of the lung undergoing palliative chemotherapy                                     | 2017 | Experimentální biologie |
| Jana Říhová         | Legionella Becoming a Mutualist: Adaptive Processes Shaping the Genome of Symbiont in the Louse <i>Polyplax serrata</i>   | 2018 | Parazitologie           |
| Martina Flegrová    | New insights into the evolution of the W chromosome in Lepidoptera  | 2018 | Experimentální biologie |
| Markéta Rezková     | Anti-tumour necrosis factor activity in saliva of various tick species and its appearance during the feeding period   | 2018 | Klinická biologie       |
| Alžběta Vondrášková | Determinants of cyanobacterial species composition in the splash zone of two Croatian islands   | 2018 | Botanika                |
| Jana Müllerová      | No indication of arthropod-vectored viruses in mosquitoes (Diptera: Culicidae) collected on Greenland and Svalbard  | 2018 | Experimentální biologie |
| Barbara Vonková     | Fragment analysis represents a suitable approach for the detection of hotspot c.7541_7542delCT NOTCH1 mutation in chronic lymphocytic leukemia  | 2018 | Klinická biologie       |
| Daniela Řeháková    | Genome stability of human induced pluripotent stem cells  | 2018 | Klinická biologie       |
| Petr Blažek         | Victims of agricultural intensification: Mowing date affects <i>Rhinanthus</i> spp. regeneration and fruit ripening.  | 2018 | Botanika                |
| Emad Ibrahim        | Adipokinetic hormone activities in insect body infected by entomopathogenic nematode  | 2018 | Experimentální biologie |
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