

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

stav k 31.12.2017

Jméno autora	Název práce	Rok obhájení	Obor
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 γ 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

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 ⁺ -stimulated, VO ₄ ³⁻ -inhibited ATPase	2002	Molekulární a buněčná biologie
Salát Jiří	Role of CD4 ⁺ and CD8 ⁺ 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 vířníků přehradní nádrže	2003	Ekologie
Prchalová Marie	Acoustic study of fish and invertebrate behaviour in a tropical reservoir	2003	Ekologie

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

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
Horňák 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

Škaloudová 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 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 – 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

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) (Hemiptera; Cicadellidae)	2007	Experimentální biologie

	Rigorozní práce obhájené na PřF JU od 1.8.2007		
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 α 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

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

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> (Synecococcales)	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 β - 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

	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 ¹³ C and ¹⁵ 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

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 ¹³ C diskriminaci a tím pádem pravděpodobně i úniky CO ₂ z pochev cévních svazků u C ₄ 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 Ťahyňa 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

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>Pyrrhocoris 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

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

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
Pichová 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 (γ -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

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
Vejíř 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

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
Čapková Frydrychová 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

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

Matos Maraví Pável 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

	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</i> (<i>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 xkurkae</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

	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