

Institute of Vertebrate Biology of the ASCR, v. v. i.

RIV - actual data collecting

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

Year(s): 2015

Database: ASEP

0428333 - UBO-W 2015 RIV CZ eng J - Journal Article

Arslan, A. - Zima, Jan

Karyotypes of the mammals of Turkey and neighbouring regions: a review.

Folia zoologica. Roč. 63, č. 1 (2014), s. 1-62. ISSN 0139-7893

Institutional Support: RVO:68081766

Keywords: chromosomes * banding pattern * Balkan * Caucasus * Middle East * species * taxonomy

Subject RIV: EG - Zoology

Impact factor: 0.741, year: 2013

Permanent link: <http://hdl.handle.net/11104/0233684>

- [SCOPUS](#)
- [WOS](#)
- [Inst. Repository](#)

0424449 - UBO-W 2015 RIV US eng J - Journal Article

Arslan, A. - Arisoy, A. - Zima, Jan

Comparison of the Chromosome Banding Pattern in the $2n = 56$ Cytotypes of *Nannospalax leucodon* and *N. xanthodon* from Turkey.

Scientific World Journal. Roč. 2014, č. 121690 (2014), s. 121690. ISSN 1537-744X

Institutional Support: RVO:68081766

Keywords: mole rats * karyotype characteristics

Subject RIV: EG - Zoology

Impact factor: 1.219, year: 2013

Permanent link: <http://hdl.handle.net/11104/0230522>

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

0432262 - UBO-W 2015 RIV DE eng J - Journal Article

Arslan, A. - Zima, Jan

Chromosome banding pattern retrieves an independent origin of $2n = 50$ chromosome populations of *Nannospalax xanthodon* from Turkey.

Mammalian Biology. -, - (2014). ISSN 1616-5047

Institutional Support: RVO:68081766

Keywords: Karyotype * Chromosomal races * Mole rats * Anatolia

Subject RIV: EG - Zoology

Impact factor: 1.337, year: 2013

Permanent link: <http://hdl.handle.net/11104/0236690>

- [DOI](#)

0432263 - UBO-W 2015 RIV DE eng J - Journal Article

Arslan, A. - Zima, Jan - Yorulmaz, T. - Arslan, E.

A new cytotype (2n=46) of *Nannospalax xanthodon* from Turkey.

Zoology in the Middle East. -, - (2014). ISSN 0939-7140

Institutional Support: RVO:68081766

Keywords: Mole rats * Chromosomes * C-banding * NOR staining * Osmaniye * Anatolia

Subject RIV: EG - Zoology

Impact factor: 0.524, year: 2013

Permanent link: <http://hdl.handle.net/11104/0236691>

- [DOI](#)

0427348 - UBO-W 2015 RIV GB eng J - Journal Article

Bainová, H. - Králová, Tereza - Bryjová, Anna - Albrecht, Tomáš - Bryja, Josef - Vinkler, M.

First evidence of independent pseudogenization of Toll-like receptor 5 in.

Developmental and Comparative Immunology. Roč. 45, č. 1 (2014), s. 151-155. ISSN 0145-305X

R&D Projects: GA ČR GAP505/10/1871

Institutional Support: RVO:68081766

Keywords: Birds * Expression * Innate immunity * Toll-like receptor 5 * Pseudogene * Flagellin

Subject RIV: EG - Zoology

Impact factor: 3.705, year: 2013

Permanent link: <http://hdl.handle.net/11104/0232900>

- [SCOPUS](#)

- [WOS](#)

- [DOI](#)

0432232 - UBO-W 2015 RIV GB eng J - Journal Article

Baldwin, H. J. - Vallo, Peter - Gardner, M. G. - Drosten, C. - Tschapka, M. - Stow, A. J.

Isolation and characterization of 11 novel microsatellite loci in a West African leaf-nosed bat, *Hipposideros aff. ruber*.

BMC Research Notes. Roč. 7, č. 607 (2014), s. 607. ISSN 1756-0500

Institutional Support: RVO:68081766

Keywords: Bat * Hipposideridae * *Hipposideros caffer* * *Hipposideros ruber* * Microchiroptera * Microsatellites *

Population genetics

Subject RIV: EG - Zoology

Baldwin, H. J.

Permanent link: <http://hdl.handle.net/11104/0236667>

- [SCOPUS](#)

- [DOI](#)

- [Inst. Repository](#)

0432201 - UBO-W 2015 RIV DE eng J - Journal Article

Bandouchová, H. - Bartonička, T. - Berková, Hana - Brichta, J. - Černý, J. - Kováčová, V. - Kolařík, Miroslav - Köllner, B. - Kulich, P. - Martínková, Natália - Řehák, Z. - Tumer, G. G. - Zukal, Jan - Pikula, J.

Pseudogymnoascus destructans: evidence of virulent skin invasion for bats under natural conditions, Europe.

Transboundary and Emerging Diseases. -, - (2014). ISSN 1865-1674

R&D Projects: GA ČR(CZ) GAP506/12/1064

Institutional Support: RVO:68081766 ; RVO:61388971

Keywords: white-nose syndrome * Chiroptera * transmission electron microscopy * ultraviolet light diagnostics * morbidity * mortality

Subject RIV: EG - Zoology; EE - Microbiology, Virology

Impact factor: 3.116, year: 2013

Permanent link: <http://hdl.handle.net/11104/0236660>

- [DOI](#)

0425355 - UBO-W 2015 RIV US eng J - Journal Article

Barej, M. F. - Rödel, M.-O. - Loader, S. P. - Menegon, M. - Gonwouo, N.L. - Penner, J. - Gvoždík, Václav - Günther, R. - Bell, R. C. - Nagel, B. - Schmitz, A.

Light shines through the spindrift - Phylogeny of African torrent frogs (Amphibia, Anura, Petropedetidae). *Molecular Phylogenetics and Evolution*. Roč. 71, č. 2 (2014), s. 261-273. ISSN 1055-7903

Institutional Support: RVO:68081766

Keywords: Africa * Amphibians * Taxonomy * Arthroleptides * Petropedetes * Odontobatrachus gen. nov

Subject RIV: EG - Zoology

Impact factor: 4.018, year: 2013

Permanent link: <http://hdl.handle.net/11104/0231250>

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

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

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

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

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

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

Institutional Support: RVO:60077344

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

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

Impact factor: 3.404, year: 2013

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

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

0429175 - UBO-W 2015 RIV DE eng J - Journal Article

Belotti, E. - Kreisinger, Jakub - Romportl, D. - Heurich, M. - Bufka, L.

Eurasian lynx hunting red deer: is there an influence of a winter enclosure system?.

European Journal of Wildlife Research. Roč. 60, č. 3 (2014), s. 441-457. ISSN 1612-4642

Institutional Support: RVO:68081766

Keywords: Cervus elaphus * Habitat heterogeneity * Lynx lynx * Predation probability * Prey density * Supplementary feeding

Subject RIV: EG - Zoology

Impact factor: 1.208, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234319>

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

0394827 - UBO-W 2015 RIV GB eng J - Journal Article

Bryja, Josef - Mikula, Ondřej - Patzenhauerová, Hana - Oguge, N. O. - Šumbera, R. - Verheyen, E.

The role of dispersal and vicariance in the Pleistocene history of an East African mountain rodent, Praomys delectorum. *Journal of Biogeography*. Roč. 41, č. 1 (2014), s. 196-208. ISSN 0305-0270

R&D Projects: GA ČR GAP506/10/0983

Institutional Support: RVO:68081766

Keywords: Cytochrome b * Eastern Arc Mountains * microsatellites * montane forests * Pleistocene climate changes * Praomys delectorum * Muridae * Southern Rift

Subject RIV: EG - Zoology

Impact factor: 4.969, year: 2013

Permanent link: <http://hdl.handle.net/11104/0223002>

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

0429253 - UBO-W 2015 RIV US eng J - Journal Article

Burgstaller, J. P. - Johnston, I. G. - Jones, N. S. - Albrechtová, Jana - Kolbe, T. - Vogl, C. - Futschik, A. - Mayrhofer, C. - Klein, D. - Sabitzer, S. - Blattner, M. - Güllly, C. - Poulton, J. - Rüllicke, T. - Piálek, Jaroslav - Steinborn, R. - Brem, G.

mtDNA segregation in heteroplasmic tissues is common in vivo and modulated by haplotype differences and developmental stage.

Cell Reports. Roč. 7, č. 6 (2014), s. 2031-2041. ISSN 2211-1247

Institutional Support: RVO:68081766

Impact factor: 7.207, year: 2013

Burgstaller, J. P.

Permanent link: <http://hdl.handle.net/11104/0234391>

- [DOI](#)
- [Inst. Repository](#)

0430104 - UBO-W 2015 RIV GB eng J - Journal Article

Burri, R. - Promerová, Marta - Goebel, J. - Fumagalli, L.

PCR-based isolation of multigene families: lessons from the avian MHC class IIB.

Molecular Ecology Resources. Roč. 14, č. 4 (2014), s. 778-788. ISSN 1755-098X

R&D Projects: GA ČR GAP505/10/1871

Institutional Support: RVO:68081766

Keywords: Birds * Major histocompatibility complex * Multigene families * PCR bias

Subject RIV: EG - Zoology

Impact factor: 5.626, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235099>

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

0430097 - UBO-W 2015 RIV US eng J - Journal Article

Cucchi, T. - Barnett, R. - Martínková, Natália - Renaud, S. - Renvoisé, E. - Evin, A. - Sheridan, A. - Mainland, I. - Wickham-Jones, C. - Tougaard, C. - Quéré, J.-P. - Pascal, M. - Pascal, M. - Heckel, G. - O'Higgins, P. - Searle, J. B. - Dobney, K. M.

The changing pace of insular life: 5000 years of microevolution in the orkney vole (*Microtus arvalis orcadensis*).

Evolution. -, - (2014). ISSN 0014-3820

Institutional Support: RVO:68081766

Keywords: dispersal * evolutionary rate * geometric morphometrics * island evolution * tooth shape * zooarchaeology

Impact factor: 4.659, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235093>

- [DOI](#)

0428523 - UBO-W 2015 RIV DE eng J - Journal Article

Čapek, Miroslav - Literák, I. - Kocianová, E. - Sychra, O. - Najer, T. - Trnka, A. - Kverek, P.

Ticks of the *Hyalomma marginatum* complex transported by migratory birds into Central Europe.

Ticks and Tick-borne Diseases. Roč. 5, č. 5 (2014), s. 489-493. ISSN 1877-959X

R&D Projects: GA MŠK LC06073

Institutional Support: RVO:68081766

Keywords: Ticks * *Hyalomma marginatum* complex * Vector * Passerines * Migration * Central Europe

Subject RIV: EG - Zoology

Impact factor: 2.878, year: 2013

Permanent link: <http://hdl.handle.net/11104/0233862>

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

0424473 - UBO-W 2015 RIV FR eng J - Journal Article

Čepelka, L. - Heroldová, Marta - Jánová, Eva - Suchomel, J.

The dynamics of nitrogenous substances in rodent diet in a forest environment.

Mammalia. Roč. 78, č. 3 (2014), s. 327-333. ISSN 0025-1461

R&D Projects: GA MZe QH72075

Institutional Support: RVO:68081766

Keywords: Apodemus flavicollis * Apodemus sylvaticus * Clethrionomys glareolus * diet quality * Microtus arvalis * NIR spectroscopy * nitrogenous substances

Subject RIV: EG - Zoology

Impact factor: 0.824, year: 2013

Čepelka, L.

Permanent link: <http://hdl.handle.net/11104/0230573>

- [SCOPUS](#)
- [WOS](#)
- [DOI](#)
- [Inst. Repository](#)

0427995 - UBO-W 2015 RIV US eng J - Journal Article

Červinka, J. - Drahníková, L. - Kreisinger, J. - Šálek, Martin

Effect of habitat characteristics on mesocarnivore occurrence in urban environment in the Central Europe.

Urban Ecosystems. -, - (2014). ISSN 1083-8155

Institutional Support: RVO:68081766

Keywords: Carnivores * occurrence * Habitat characteristics * GIS * Urban environment * Central Europe

Impact factor: 1.740, year: 2013

Permanent link: <http://hdl.handle.net/11104/0233420>

- [DOI](#)

0431415 - UBO-W 2015 RIV DE eng J - Journal Article

Foitová, I. - Civaňová, K. - Baruš, Vlastimil - Nurcahyo, W.

Phylogenetic relationships between pinworms (Nematoda: Enterobiinae) parasitising the critically endangered orang-utan, according to the characterisation of molecular genomic and mitochondrial markers.

Parasitology Research. Roč. 113, č. 7 (2014), s. 2455-2466. ISSN 0932-0113

Institutional Support: RVO:68081766

Keywords: Molecular phylogeny * Cytochromoxidase 1 * 18S rDNA * ITS1 * Orang-utan pinworms * Pongo abelii

Subject RIV: EG - Zoology

Impact factor: 2.327, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235989>

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

0429660 - UBO-W 2015 RIV US eng J - Journal Article

Fornůsková, Alena - Bryja, Josef - Vinkler, M. - Macholán, Miloš - Piálek, Jaroslav

Contrasting patterns of polymorphism and selection in bacterial-sensing toll-like receptor 4 in two house mouse subspecies.

Ecology and Evolution. Roč. 4, č. 14 (2014), s. 2931-2944. ISSN 2045-7758

R&D Projects: GA ČR GA206/08/0640

Source of Funding: R - rámcový projekt EK

Institutional Support: RVO:68081766

Keywords: adaptive evolution * arms race * directional selection * host-pathogen interaction * MAMPs * *Mus musculus* * parasite-mediated selection * pattern-recognition receptors

Subject RIV: EG - Zoology

Impact factor: 1.658, year: 2013

Fornůsková, Alena

Permanent link: <http://hdl.handle.net/11104/0234741>

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

0431062 - UBO-W 2015 RIV GB eng J - Journal Article

Fornůsková, Alena - Petit, E.J. - Bartonička, T. - Kaňuch, P. - Butet, A. - Řehák, Z. - Bryja, Josef

Strong matrilineal structure in common pipistrelle bats (*Pipistrellus pipistrellus*) is associated with variability in echolocation calls.

Biological Journal of the Linnean Society. -, - (2014). ISSN 0024-4066

R&D Projects: GA ČR GA206/06/0954

Institutional Support: RVO:68081766

Keywords: dialects * maternal effects * sex-biased dispersal * philopatry * vocal learning

Subject RIV: EG - Zoology

Impact factor: 2.535, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235704>

0421234 - UBO-W 2015 RIV NL eng J - Journal Article

Francová, K. - Ondračková, Markéta

Effect of habitat conditions on parasite infection in 0+juvenile perch (*Perca fluviatilis* L.) in two Czech reservoirs.

Hydrobiologia. Roč. 721, č. 1 (2014), s. 57-66. ISSN 0018-8158

R&D Projects: GA ČR GBP505/12/G112

Institutional Support: RVO:68081766

Keywords: Parasite * Intermediate host * Food availability * Habitat conditions * Lentic * Littoral

Subject RIV: EG - Zoology

Impact factor: 2.212, year: 2013

Permanent link: <http://hdl.handle.net/11104/0227692>

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

0427436 - UBO-W 2015 RIV FI eng J - Journal Article

Grim, T. - Samaš, P. - Procházka, Petr - Rutila, J.

Are tits really unsuitable hosts for the Common Cuckoo?.

Ornis Fennica. Roč. 91, - (2014). ISSN 0030-5685

R&D Projects: GA ČR(CZ) GAP506/12/2404

Institutional Support: RVO:68081766

Subject RIV: EG - Zoology

Impact factor: 0.667, year: 2013

Permanent link: <http://hdl.handle.net/11104/0232962>

0428119 - UBO-W 2015 RIV NZ eng J - Journal Article

Gvoždík, Václav - Tillack, F. - Menegon, M. - Loader, S. P.

The status of *Leptopelis barbouri* Ahl, 1929 and eleven other nomina of the current tree-frog genus *Leptopelis*

(Arthroleptidae) described from East Africa, with a redescription of *Leptopelis grandiceps* Ahl, 1929.

Zootaxa. Roč. 3793, č. 1 (2014), s. 165-187. ISSN 1175-5326

Institutional Support: RVO:68081766

Keywords: anurans * taxonomy * nomenclature * type material * revalidation * lectotype designation * Eastern Arc Mountains * Eastern Afromontane

Subject RIV: EG - Zoology

Impact factor: 1.060, year: 2013

Permanent link: <http://hdl.handle.net/11104/0233529>

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

0427111 - UBO-W 2015 RIV US eng J - Journal Article

Hasegawa, H. - Modrý, D. - Kitagawa, M. - Shutt, K. A. - Todd, A. - Kalousová, B. - Profousová, I. - Petrželková, Klára Judita

Humans and great apes cohabiting the forest ecosystem in Central African Republic harbour the same hookworms.

PLoS Neglected Tropical Diseases. Roč. 8, č. 3 (2014), e2715. ISSN 1935-2735

R&D Projects: GA ČR GA206/09/0927

Institutional Support: RVO:68081766

Keywords: *Necator* spp. * mountain gorillas * infection * chimpanzees * Dzanga-Sangha Protected Areas, Central African Republic

Subject RIV: EG - Zoology

Impact factor: 4.489, year: 2013

Permanent link: <http://hdl.handle.net/11104/0232722>

- [SCOPUS](#)
- [WOS](#)
- [DOI](#)
- [Inst. Repository](#)

0431128 - UBO-W 2015 RIV CZ cze J - Journal Article

Heroldová, Marta - Homolka, Miloslav - Zejda, Jan

Některé nepublikované nálezy *Apodemus agrarius* v Čechách a na Moravě v návaznosti na současný stav znalostí o jejím rozšíření (Rodentia: Muridae).

[Some unpublished records of *Apodemus agrarius* in Bohemia and Moravia in relation to the current knowledge of its distribution (Rodentia: Muridae).]

Lynx. Roč. 44, č. 44 (2013), s. 181-184. ISSN 0024-7774

Institutional Support: RVO:68081766

Keywords: *Apodemus* * distribution * Czech Republic

Subject RIV: EG - Zoology

Permanent link: <http://hdl.handle.net/11104/0235752>

0431857 - UBO-W 2015 RIV GB eng J - Journal Article

Hiadlovská, Z. - Macholán, M. - Mikula, Ondřej - Vošlajerová Bímová, Barbora

The meek inherit the earth: less aggressive wild mice are more successful in challenging situations.

Biological Journal of the Linnean Society. Roč. 113, č. 1 (2014), s. 310-319. ISSN 0024-4066

R&D Projects: GA ČR GA206/08/0640; GA ČR GAP506/11/1792

Institutional Support: RVO:68081766

Keywords: behavioural strategies * dispersal * house mouse * Morris water task * *Mus musculus domesticus* * *Mus musculus musculus* * stress

Subject RIV: EG - Zoology

Impact factor: 2.535, year: 2013

Hiadlovská, Z.

Permanent link: <http://hdl.handle.net/11104/0236389>

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

0399046 - UBO-W 2015 RIV GB eng J - Journal Article

Honza, Marcel - Šulc, Michal - Jelínek, Václav - Požgayová, Milica - Procházka, Petr

Brood parasites lay eggs matching the appearance of host clutches.

Proceedings of the Royal Society of London. B - Biological Sciences. Roč. 281, č. 1774 (2014). ISSN 0962-8452

R&D Projects: GA AV ČR IAA600930903; GA ČR(CZ) GAP506/12/2404

Institutional Support: RVO:68081766

Keywords: brood parasitism * cuckoo * egg coloration * egg mimicry * great reed warbler

Subject RIV: EG - Zoology

Impact factor: 5.292, year: 2013

Permanent link: <http://hdl.handle.net/11104/0226440>

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

0426704 - UBO-W 2015 RIV DE eng J - Journal Article

Hubálek, Zdeněk - Rudolf, Ivo - Čapek, Miroslav - Bakonyi, T. - Betášová, Lenka - Nowotny, N.

Usutu Virus in Blackbirds (*Turdus merula*), Czech Republic, 2011-2012.

Transboundary and Emerging Diseases. Roč. 61, č. 3 (2014), s. 273-276. ISSN 1865-1674

Institutional Support: RVO:68081766

Keywords: Usutu virus * blackbird * *Turdus merula* * Czechland

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

Impact factor: 3.116, year: 2013

Permanent link: <http://hdl.handle.net/11104/0232381>

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

0426985 - UBO-W 2015 RIV NL eng J - Journal Article

Janatová, M. - Albrechtová, K. - Petrželková, Klára Judita - Dolejská, M. - Papoušek, I. - Masaříková, M. - Čížek, A. - Todd, A. - Shutt, K. - Kalousová, Barbora - Profousová-Pšenková, I. - Modrý, D. - Literák, I.

Antimicrobial-resistant Enterobacteriaceae from humans and wildlife in Dzanga-Sangha Protected Area, Central African Republic.

Veterinary Microbiology. Roč. 171, 3-4 (2014), s. 422-431. ISSN 0378-1135.

[Symposium on Antimicrobial Resistance in Animals and the Environment /5./. Ghent, 30.06.2013-03.07.2013]

R&D Projects: GA ČR GA206/09/0927

Institutional Support: RVO:68081766

Keywords: ESBL * PMQR * Enterobacteriaceae * Resistance * Gorilla

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

Impact factor: 2.726, year: 2013

Permanent link: <http://hdl.handle.net/11104/0232600>

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

0422473 - UBO-W 2015 RIV GB eng J - Journal Article

Jaron, K. S. - Moravec, J. C. - Martínková, Natália

SigHunt: horizontal gene transfer finder optimized for eukaryotic genomes.

Bioinformatics. Roč. 30, č. 8 (2014), s. 1081-1086. ISSN 1367-4803

R&D Projects: GA ČR(CZ) GAP506/12/1064

Institutional Support: RVO:68081766

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 4.621, year: 2013

Permanent link: <http://hdl.handle.net/11104/0228726>

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

0425969 - UBO-W 2015 RIV GB eng J - Journal Article

Javůrková, Veronika - Albrecht, Tomáš - Mrázek, Jakub - Kreisinger, Jakub

Effect of intermittent incubation and clutch covering on the probability of bacterial trans-shell infection.

Ibis. Roč. 156, č. 2 (2014), s. 374-386. ISSN 0019-1019

R&D Projects: GA AV ČR KJB601110803; GA MŠk EE2.3.20.0303

Institutional Support: CEZ:AV0Z60930519

Institutional Support: RVO:68081766 ; RVO:67985904

Keywords: duckling phenotype * egg viability * feathers * micro-organisms * nest lining * precocial birds * real-time polymerase chain reaction

Subject RIV: EG - Zoology

Impact factor: 1.861, year: 2013

Permanent link: <http://hdl.handle.net/11104/0231753>

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

0424819 - UBO-W 2015 RIV DE eng J - Journal Article

Juránková, J. - Hůrková-Hofmannová, L. - Volf, J. - Baláž, V. - Piálek, Jaroslav

Efficacy of magnetic capture in comparison with conventional DNA isolation in a survey of *Toxoplasma gondii* in wild house mice.

European Journal of Protistology. Roč. 50, č. 1 (2014), s. 11-15. ISSN 0932-4739

R&D Projects: GA ČR GA206/08/0640

Institutional Support: RVO:68081766

Keywords: House mice * Magnetic capture * Quantitative PCR * *Toxoplasma gondii*

Subject RIV: EG - Zoology

Impact factor: 2.339, year: 2013

Permanent link: <http://hdl.handle.net/11104/0230835>

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

0428133 - UBO-W 2015 RIV US eng J - Journal Article

Kalousová, B. - Piel, A. K. - Pomajbíková, K. - Modrý, D. - Stewart, F. A. - Petrželková, Klára Judita

Gastrointestinal parasites of savanna chimpanzees (*Pan troglodytes schweinfurthii*) in Ugalla, Tanzania.

International Journal of Primatology. Roč. 35, č. 2 (2014), s. 436-475. ISSN 0164-0291

R&D Projects: GA ČR GA206/09/0927

Institutional Support: RVO:68081766

Keywords: Hominoid * *Pan troglodytes schweinfurthii* * Gastrointestinal parasites * Savanna * Spirurids * Transmission * Ugalla * Tanzania

Subject RIV: EG - Zoology

Impact factor: 1.994, year: 2013

Permanent link: <http://hdl.handle.net/11104/0233541>

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0426308 - UBO-W 2015 RIV US eng J - Journal Article

Kass, D. H. - Janoušek, Václav - Wang, L. - Tucker, P. K.

The uncharacterized gene 1700093K21Rik and flanking regions are correlated with reproductive isolation in the house mouse, *Mus musculus*.

Mammalian Genome. Roč. 25, 5-6 (2014), s. 223-234. ISSN 0938-8990

R&D Projects: GA MŠK EE2.3.20.0303

Institutional Support: RVO:68081766

Keywords: hybrid male-sterility * X-chromosome * placental development * sex chromosomes * zone * mice * speciation * differentiation * protein

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 2.883, year: 2013

Permanent link: <http://hdl.handle.net/11104/0232013>

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0426439 - UBO-W 2015 RIV DK eng J - Journal Article

Keppeler, F. W. - Lanés, L. E. K. - Rolon, A. S. - Stenert, C. - Lehmann, P. - Reichard, Martin - Maltchik, L.

The morphology-diet relationship and its role in the coexistence of two species of annual fishes.

Ecology of Freshwater Fish. -, - (2014). ISSN 0906-6691

R&D Projects: GA ČR GBP505/12/G112

Institutional Support: RVO:68081766

Keywords: *Austrolebias minuano* * *Cynopoecilus fulgens* * niche overlap * sexual dimorphism * ontogeny

Subject RIV: EG - Zoology

Impact factor: 1.590, year: 2013

Permanent link: <http://hdl.handle.net/11104/0232169>

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0426973 - UBO-W 2015 RIV NL eng J - Journal Article

Koleček, Jaroslav - Schleuning, M. - Burfield, I. J. - Báldi, A. - Böhning-Gaese, K. - Devictor, V. - Fernández-García, J. M. - Hořák, D. - Van Turnhout, C. A. M. - Hnatyna, O. - Reif, J.

Birds protected by national legislation show improved population trends in Eastern Europe.

Biological Conservation. Roč. 172, April (2014), s. 109-116. ISSN 0006-3207

Institutional Support: RVO:68081766

Keywords: Conservation effectiveness * Ecological trait * Environmental legislation * Global change * Life history strategy * Population growth rate

Subject RIV: EG - Zoology

Impact factor: 4.036, year: 2013

Permanent link: <http://hdl.handle.net/11104/0232594>

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0427237 - UBO-W 2015 RIV eng J - Journal Article

Koleček, Jaroslav - Albrecht, Tomáš - Reif, J.

Predictors of extinction risk of passerine birds in a Central European country.

Animal Conservation. -, - (2014). ISSN 1367-9430

Institutional Support: RVO:68081766

Keywords: red list * life history * habitat specialization * distribution * climate change * threatened species * extinction risk * passerine

Subject RIV: EG - Zoology

Impact factor: 2.524, year: 2013

Permanent link: <http://hdl.handle.net/11104/0232833>

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0431856 - UBO-W 2015 RIV GB eng J - Journal Article

Kotusz, J. - Popiolek, M. - Drozd, P. - de Gelas, K. - Šlechtová, V. - Janko, Karel

Role of parasite load and differential habitat preferences in maintaining the coexistence of sexual and asexual competitors in fish of the *Cobitis taenia* hybrid complex.

Biological Journal of the Linnean Society. Roč. 113, č. 1 (2014), s. 220-235. ISSN 0024-4066

R&D Projects: GA ČR GBP505/12/G112

Institutional Support: RVO:68081766

Keywords: diploid-polyploid complexes * European distribution * habitat partitioning * niche shift * parasite-mediated coexistence * Red Queen hypothesis * spined loach * unisexuality

Subject RIV: EG - Zoology

Impact factor: 2.535, year: 2013

Permanent link: <http://hdl.handle.net/11104/0236388>

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0427531 - UBO-W 2015 RIV US eng J - Journal Article

Kristín, Peter - Gvoždík, Lumír

Aquatic-to-terrestrial habitat shift reduces energy expenditure in newts.

Journal of Experimental Zoology. Part A: Ecological Genetics and Physiology. Roč. 321, č. 4 (2014), s. 183-188. ISSN 1932-5223

R&D Projects: GA ČR GAP506/10/2170

Institutional Support: RVO:68081766

Keywords: red-spotted newt * acclimation * salamanders * temperature * metabolism * ecology

Subject RIV: EG - Zoology

Impact factor: 1.349, year: 2013

Permanent link: <http://hdl.handle.net/11104/0233061>

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0429651 - UBO-W 2015 RIV GB eng J - Journal Article

Kristín, Peter - Gvoždík, Lumír

Individual variation in amphibian metabolic rates during overwintering: implications for a warming world.

Journal of Zoology. Roč. 294, č. 2 (2014), s. 99-103. ISSN 0952-8369

R&D Projects: GA ČR GAP506/10/2170

Institutional Support: RVO:68081766

Keywords: body condition * climate change * newt * repeatability * respirometry * *Triturus*

Subject RIV: EG - Zoology

Impact factor: 1.947, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234735>

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0428525 - UBO-W 2015 RIV NL eng J - Journal Article

Liao, C. - Yu, D. - Chen, Y. - Reichard, Martin - Liu, H.

Reproductive behaviour of female rosy bitterling *Rhodeus ocellatus* in response to a female-biased operational sex ratio.

Behaviour. Roč. 151, č. 6 (2014), s. 755-768. ISSN 0005-7959

R&D Projects: GA ČR GBP505/12/G112

Institutional Support: RVO:68081766

Keywords: alternative reproductive behaviour * female aggression * operational sex ratio * bitterling

Subject RIV: EG - Zoology

Impact factor: 1.401, year: 2013

Permanent link: <http://hdl.handle.net/11104/0233863>

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0430253 - UBO-W 2015 RIV US eng J - Journal Article

Maganga, G. D. - Bourgarel, M. - Vallo, Peter - Dallo, T. D. - Ngoagouni, C. - Drexler, J. F. - Drosten, C. - Nakouné, E. R. - Leroy, E. M. - Morand, S.

Bat distribution size or shape as determinant of viral richness in African bats.

PLoS ONE. Roč. 9, č. 6 (2014), e100172. ISSN 1932-6203

Institutional Support: RVO:68081766

Keywords: cytochrome-b gene * fruit bats * *Rousettus aegyptiacus* * *Eidolon helvum* * species richness * Marburg virus * molecular phylogeny * infectious diseases * geographical range * neotropical bats

Subject RIV: EG - Zoology

Impact factor: 3.534, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235152>

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0425962 - UBO-W 2015 RIV FR eng J - Journal Article

Meheretu, Yonas - Šumbera, R. - Bryja, Josef

Enigmatic Ethiopian endemic rodent *Muriculus imberbis* (Rüppell 1842) represents a separate lineage within genus *Mus*.

Mammalia. -, - (2014). ISSN 0025-1461

R&D Projects: GA ČR GAP506/10/0983; GA ČR GCP502/11/J070

Institutional Support: RVO:68081766

Keywords: Afroalpine * endemic * Ethiopia * *Nannomys* * phylogeny

Subject RIV: EG - Zoology

Impact factor: 0.824, year: 2013

Permanent link: <http://hdl.handle.net/11104/0231758>

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0429185 - UBO-W 2015 RIV GB eng J - Journal Article

Micháľková, Veronika - Ondračková, Markéta

Experimental evidence for parasite-induced over-winter mortality in juvenile *Rhodeus amarus*.

Journal of Fish Biology. Roč. 84, č. 5 (2014), s. 1377-1388. ISSN 0022-1112

R&D Projects: GA ČR GBP505/12/G112

Institutional Support: RVO:68081766

Keywords: Bitterling * *Diplostomum pseudospathaceum* * Metacercariae * Parasite infection * Trematoda

Subject RIV: EG - Zoology

Impact factor: 1.734, year: 2013

Permanent link: <http://hdl.handle.net/11104/0234347>

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0431970 - UBO-W 2015 RIV PL eng J - Journal Article

Míkula, P. - Hromada, M. - Albrecht, Tomáš - Tryjanowski, P.

Nest site selection and breeding success in three *Turdus* thrush species coexisting in an urban environment.

Acta Ornithologica. Roč. 49, č. 1 (2014), s. 83-92. ISSN 0001-6454

Institutional Support: RVO:68081766

Keywords: breeding success * coexistence * nest-habitat partitioning * nest site selection * predation * synurbization * urban habitat * thrushes

Subject RIV: EG - Zoology

Impact factor: 1.478, year: 2013

Permanent link: <http://hdl.handle.net/11104/0236479>

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0432161 - UBO-W 2015 RIV PL eng J - Journal Article

Mironov, S. V. - Literák, I. - Sychra, O. - Čapek, Miroslav

Two new species of the feather mite family Gabuciniidae (Acariformes: Pterolichoidea) from wrens (Passeriformes: Troglodytidae).

Acta Parasitologica. Roč. 59, č. 4 (2014), s. 568-579. ISSN 1230-2821

R&D Projects: GA AV ČR IAA601690901

Institutional Support: RVO:68081766

Keywords: Acari * Gabuciniidae * Piciformobia * systematics * Troglodytidae * Central America

Subject RIV: EG - Zoology

Impact factor: 0.965, year: 2013

Permanent link: <http://hdl.handle.net/11104/0236624>

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0425356 - UBO-W 2015 RIV NZ eng J - Journal Article

Nagy, Z. T. - Gvoždík, Václav - Meirte, D. - Collet, M. - Pauwels, O. S. G.

New data on the morphology and distribution of the enigmatic Schouteden's sun snake, *Helophis schoutedeni* (de Witte, 1922) from the Congo Basin.

Zootaxa. Roč. 3755, č. 1 (2014), s. 96-100. ISSN 1175-5326

Institutional Support: RVO:68081766

Keywords: *Helophis* * morphology * distribution * Congo Basin

Subject RIV: EG - Zoology

Impact factor: 1.060, year: 2013

Permanent link: <http://hdl.handle.net/11104/0231251>

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0428671 - UBO-W 2015 RIV NL eng J - Journal Article

Nana, E. D. - Sedláček, O. - Bayly, N. - Ferenc, M. - Albrecht, Tomáš - Reif, J. - Motombi, F. N. - Hořák, D.

Comparison of avian assemblage structures in two upper montane forests of the Cameroon volcanic line: lessons for bird conservation.

Biodiversity and Conservation. Roč. 23, č. 6 (2014), s. 1469-1484. ISSN 0960-3115

R&D Projects: GA ČR(CZ) GAP505/11/1617

Institutional Support: RVO:68081766

Keywords: Abundance-range size relationship * Assemblage structure * Range-restricted species * Species richness * West-Central Africa

Subject RIV: EG - Zoology

Impact factor: 2.065, year: 2013

Permanent link: <http://hdl.handle.net/11104/0233976>

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0430111 - UBO-W 2015 RIV DE eng J - Journal Article

Nowak, M. - Klaczak, A. - Szczerbik, P. - Mendel, Jan - Popek, W.

Occurrence of the Kessler's gudgeon *Romanogobio kesslerii* (Dybowski, 1862) (Cyprinidae) in the Upper Vistula River (Poland).

Journal of Applied Ichthyology. -, - (2014). ISSN 0175-8659

R&D Projects: GA ČR GP206/09/P608

Institutional Support: RVO:68081766

Subject RIV: EB - Genetics & Molecular Biology

Impact factor: 0.903, year: 2013

Permanent link: <http://hdl.handle.net/11104/0235100>

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0428335 - UBO-W 2015 RIV GB eng J - Journal Article

Pauly, M. - Hoppe, E. - Mugisha, L. - Petrželková, Klára Judita - Akoua-Koffi, C. - Couacy-Hymann, E. - Anoh, A. E. - Mossoun, A. - Schubert, G. - Wiersma, L. - Pascale, S. - Muyembe, J.-J. - Karhemere, S. - Weiss, S. - Leendertz, S. A. - Calvignac-Spencer, S. - Leendertz, F. H. - Ehlers, B.

High prevalence and diversity of species D adenoviruses (HAdV-D) in human populations of four Sub-Saharan countries.

Virology Journal. Roč. 11, č. 25 (2014), s. 25. ISSN 1743-422X

R&D Projects: GA ČR GA206/09/0927

Institutional Support: RVO:68081766

Keywords: Adenoviridae * Human adenovirus D * Genotype * Sub-Saharan Africa * PCR

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

Impact factor: 2.089, year: 2013

Permanent link: <http://hdl.handle.net/11104/0233685>

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