

IUBS Activities 2013

Events organised by IUBS programmes

BIOLOGICAL CONSEQUENCES OF GLOBAL CHANGE (BCGC):

- "5th International Symposium of Integrative Zoology", 25-28 June 2013, Beijing, China
- "BCGC Workshop at the Grassland Ecosystem Research Base of IOZ, CAS", 29-30 June 2013, Xilinhot, Inner Mongolia, China
- "4th International Symposium Borok-IV on Alien Species", 22-28 September 2013, Borok, Russia

DISASTER AND BIODIVERSITY (DAB):

- "Disaster and Biodiversity (DAB), IUBS Triennial Program 2013, Workshop 1", 21 December 2013, Chuo University, Korakuen Campus, Japan

BIONOMENCLATURE:

- "NioSyst. EU 2013, Global systematics! symposium 17, Nomenclature for the future", 18-22 February 2013, Vienne, Austria

APPLICATION OF MANAGED POLLINATORS TO CROP PROTECTION AND PRODUCTION - A CASE STUDY OF COFFEE - BEES AND

COFFEE:

- 2 workshops on biovectoring at the International Coffee Organisation (ICO), 9-12 September 2013, Belo Horizonte, Brazil

INTEGRATED CLIMATE CHANGE BIOLOGY (ICCB)

- "Workshop on trait modeling", 18-24 February 2013, Indiana University, Bloomington, Indiana, USA
- "iCCB database meeting", 1-5 December, 2013, Helsinki, Finland

Young Scientists sponsored by IUBS:

- "19th European Meeting of PhD Students in Evolutionary Biology – EMPSEB 19" organised on 3-7 September 2013, University of Exeter, Cornwall Campus, UK



EMPSEB19

- "5th International Conference on Rodent Biology and Management" to be held on 25-29 August 2014 in China

IUBS representatives attended the following meetings:

- ICSU Bio-Unions cluster meeting, 28 April 2013, Paris, France
- ICSU Unions meeting, 29-30 April 2013, Paris, France
- Diversitas meetings, 25-27 March 2013 and 13-14 November 2013, Paris, France
- 35th International Co-ordinating Council of Man and the Biosphere (MAB) programme, 27-30 May, Unesco, Paris, France
- International Conference on "urban dynamics & health" (ICSU), 11-13 September 2013, Nanterre, France
- ICSU ROAP, 5th Regional Consultation, 26-27 November 2013, Seoul, South Korea
- Informal meetings with Unesco, ICSU, IUCN, US-NC, NSF Bio, SCOPE, CODATA

Events organized by IUBS and its partners

2 "Science and Policy Workshops on Access and Benefit Sharing for non commercial academic research",

- 11-12 June 2013, Montevideo, Uruguay
- 20-22 November, Lima, Peru

with Diversitas, ICSU, the Swiss Academy of Sciences, Universität Bonn and Peru Ministry of Environment.



Conferences sponsored by IUBS:

- "International Conference on Environmental Mutagens"- 11th ICEM - 3-8 November 2013, Foz do Iguassu, Brazil
- "8th International Congress of Dipterology" to be held on 10-15 August 2014 in Germany
- "WOCMAP V" to be held on 17-22 August 2014 in Australia
- "16th International Congress of Photobiology" to be held on 8-12 September 2014 in Argentina

Articles published by IUBS programmes

- *Biological Consequences of Global Change: past and future*; (page 123); Zhibin ZHANG; Integrative Zoology; Article first published online: 4 JUN 2013 | DOI: 10.1111/1749-4877.12043 **(BCGC)**
- *Applying various algorithms for species distribution modeling*; (pages 124–135); Xinhai LI and Yuan WANG; Integrative Zoology; Article first published online: 4 JUN 2013 | DOI: 10.1111/1749-4877.12000 **(BCGC)**
- *Biological consequences of global change for birds* (pages 136–144); Anders Pape MØLLER; Integrative Zoology; Article first published online: 4 JUN 2013 | DOI: 10.1111/1749-4877.12006 **(BCGC)**
- *Review and synthesis of the effects of climate change on amphibians* (pages 145–161); Yiming LI, Jeremy M. COHEN and Jason R. ROHR; Integrative Zoology; Article first published online: 4 JUN 2013 | DOI: 10.1111/1749-4877.12001 **(BCGC)**
- *Climate warming increases biodiversity of small rodents by favoring rare or less abundant species in a grassland ecosystem*; (pages 162–174); Guangshun JIANG, Jun LIU, Lei XU, Guirui YU, Honglin HE and Zhibin ZHANG; Integrative Zoology; Article first published online: 4 JUN 2013 | DOI: 10.1111/1749-4877.12027 **(BCGC)**
- *Experimental evaluation of reproductive response to climate warming in an oviparous skink*; (pages 175–183); Hongliang LU, Yong WANG, Wenqi TANG and Weiguo DU; Integrative Zoology; Article first published online: 4 JUN 2013 | DOI: 10.1111/1749-4877.12025 **(BCGC)**
- *Influence of geography and climate on patterns of cell size and body size in the lizard *Anolis carolinensis**; (pages 184–196); Rachel M. GOODMAN, Arthur C. ECHTERNACHT, Jim C. HALL, Lihan D. DENG and Jessica N. WELCH; Integrative Zoology; Article first published online: 4 JUN 2013 | DOI: 10.1111/1749-4877.12041 **(BCGC)**
- *Extreme developmental temperatures result in morphological abnormalities in painted turtles (*Chrysemys picta*): a climate change perspective*; (pages 197–208); Rory S. TELEMECO, Daniel A. WARNER, Molly K. REIDA and Fredric J. JANZEN; Integrative Zoology; Article first published online: 4 JUN 2013 | DOI: 10.1111/1749-4877.12019 **(BCGC)**
- *Artificial nesting habitats as a conservation strategy for turtle populations experiencing global change*; (pages 209–221); John P. WNEK, Walter F. BIEN and Harold W. AVERY; Integrative Zoology; Article first published online: 4 JUN 2013 | DOI: 10.1111/1749-4877.12042 **(BCGC)**
- *The IV International Symposium INVASION OF ALIEN SPECIES IN HOLARCTIC: PROGRAMME & BOOK OF ABSTRACTS*; I.D. Papanin Institute for Biology of Inland Waters Russian Academy of Sciences, A.N. Severtsov Institute of Ecology and Evolution Russian Academy of Sciences; Ed. Yu. Yu. Dgebuadze *et al.* **(BCGC)**
- *Diversity in time and space: wanted dead and alive*; (pages 509–516); Susanne A. Fritz, Jan Schnitzler, Jussi T. Eronen, Christian Hof, Katrin Böhning-Gaese, and Catherine H. Graham, Trends in Ecology & Evolution, September 2013, Vol. 28, No. 9 **(iCCB)**
- *Mammal disparity decreases during the Cretaceous angiosperm radiation*; Grossnickle, D.M. and P.D. Polly. 2013. . Proceedings of the Royal Society, B, 280(1771), 20132110. **(iCCB)**
- *Evaluating the Significance of Paleophylogeographic Species Distribution Models in Reconstructing Quaternary Range-Shifts of Nearctic Chelonians*; Rödger D., A. M. Lawing, M. Flecks, F. Ahmadzadeh, J. Dambach, J. O. Engler, J. C. Habel, T. Hartmann, D. Hörnes, F. Ihlow, K. Schidelko, D. Stiels, and P. D. Polly. 2013. PLoS ONE 8(10): e72855. **(iCCB)**
- *A reevaluation of the Harrodsburg Crevice Fauna (Late Pleistocene of Indiana, USA) and the climatic implication of its mammals*; Smith, M.R. and P.D. Polly. 2013. . Journal of Vertebrate Paleontology, 33: 410–420. **(iCCB)**
- *Evolution of Neogene Mammals in Eurasia: Environmental Forcing and Biotic Interactions*; Fortelius, M., Eronen, J.T., Kaya, F., Tang, H., Puolamäki, K. Annual Review of Earth and Planetary Sciences(in press.) **(iCCB)**

Publications and documents produced by IUBS

- Biology International, n°53, July 2013 "STEM to STEAM"
- Rationale for Biodiversity and Ecosystem Information Services, as a Featured Topic/Key Issue, in August, 2014, International Meeting of Science Advisers on Science and Policy
- Biology in the Urban Health and Well-Being programme
- IPBES survey

