

# Contents

- I** Chromosomal and DNA barcode analysis of the *Polyommatus (Agrodiaetus) damone* (Eversmann, 1841) species complex (Lepidoptera, Lycaenidae)  
*Vladimir A. Lukhtanov, Alexander V. Dantchenko*
- 23** A re-examination of the West European species of *Boreonectes* Angus, 2010, with particular reference to *B. multilineatus* (Falkenström, 1922) (Coleoptera, Dytiscidae)  
*Robert B. Angus*
- 41** Cytogenetic characterisation and chromosomal mapping of microsatellite and telomeric repeats in two gecko species (Reptilia, Gekkonidae) from Thailand  
*Weera Thongnetr, Surachest Aiumsumang, Rodjarin Kongkaew, Alongklod Tanomtong, Chatmongkon Suwannapoom, Sumalee Phimphan*
- 53** A comparative analysis of the karyotypes of three dolphins – *Tursiops truncatus* Montagu, 1821, *Tursiops australis* Charlton-Robb et al., 2011, and *Grampus griseus* Cuvier, 1812  
*Ross Brookwell, Kimberly Finlayson, Jason P. van de Merwe*
- 65** Cytogenetic analysis of *Hypomasticus copelandii* and *H. steindachneri*: relevance of cytotaxonomic markers in the Anostomidae family (Characiformes)  
*Filipe Schitini Salgado, Marina Souza Cunha, Silvana Melo, Jorge Abdala Dergam*
- 77** Chromosomal mapping of repetitive DNA in *Melipona seminigra merrillae* Cockerell, 1919 (Hymenoptera, Apidae, Meliponini)  
*Ingrid Cândido de Oliveira Barbosa, Carlos Henrique Schneider, Leonardo Gusso Goll, Eliana Feldberg, Gislene Almeida Carvalho-Zilse*



# COMPARATIVE Cytogenetics

International Journal of Plant & Animal Cytogenetic, Karyosystematics, and Molecular Systematics



15(1) ♦ 2021



COMPARATIVE A peer-reviewed open-access journal  
**Cytogenetics**

International Journal of Plant & Animal Cytogenetics,  
Karyosystematics, and Molecular Systematics

**Editors-in-Chief:**

Prof. **Dr. Valentina G. Kuznetsova**  
Zoological Institute, St. Petersburg  
valentina\_kuznetsova@yahoo.com

Dr. **Ilya A. Gavrilov-Zimin**  
Zoological Institute, St. Petersburg  
coccids@gmail.com

**Managing Editor:** Dr. Lyubomir Penev

**Language Editors:** Robert B. Angus

**Editorial Board:**

**Robert B. Angus** (University of London, r.angus@rhul.ac.uk), **Irina Yu. Baklushinskaya** (Koltzov Institute of Developmental Biology RAS, Moscow, irina.bakl@gmail.com), **Alicja Boron** (University of Warmia and Mazury, Olsztin, alibo@uwm.edu.pl), **Nina Sh. Bulatova** (Institute of Ecology and Evolution, Moscow, ninbul@mail.ru), **Julio R. Daviña** (Universidad Nacional de Misiones, Posadas, juliordavina@gmail.com), **Grazyna Furgala-Selezniow** (University of Warmia and Mazury, Olsztin, graszka@uwm.edu.pl), **Natalia V. Golub** (Zoological Institute, St. Petersburg, psocid@zin.ru), **Vladimir E. Gokhman** (Moscow State University, gokhman@bg.msu.ru), **Veronika V. Golygina** (Institute of Cytology and Genetics, Novosibirsk, nika@bionet.nsc.ru), **Ekaterina Gornung** (University of Rome "Sapienza", ekaterina.gornung@gmail.com), **Snejana Grozeva** (Institute of Biodiversity and Ecosystem Research, Sofia, sgrozeva@yahoo.com), **Vladimir A. Lukhtanov** (St. Petersburg State University, lukhtanov@mail.ru), **Anna Maryanska-Nadachowska** (Institute of Systematics and Evolution of Animals, Krakow, maryanska@isez.pan.krakow.pl), **Seppo Nokkala** (University of Turku, seppo.nokkala@utu.fi), **Andrey Polyakov** (Institute of Cytology and Genetics SB RAS, Novosibirsk, polyakov@bionet.nsc.ru), **Petr Rab** (Institute of Animal Physiology and Genetics, Libechov, rab@iapg.cas.cz), **Nazar Shapoval** (Russian Academy of Sciences, St. Petersburg, nazaret@bk.ru), **Joan Vallès** (Universitat de Barcelona, joanvalles@ub.edu), **Jan Zima** (Institute of Vertebrate Biology, Brno, jzima@brno.cas.cz)

**International Advisory Board:**

**Ekaterina D. Badaeva** (Institute of Molecular Biology, Moscow, \_badaeva@mail.ru), **Katsuhiko Kondo** (Hiroshima University, Hiroshima, kkondo@hiroshima-u.ac.jp), **Iya I. Kiknadze** (Institute of Cytology and Genetics, Novosibirsk, kiknadze@bionet.nsc.ru), **Frantisek Marec** (Institute of Entomology, Ceske Budejovice, marec@entu.cas.cz), **Jon Martin** (University of Melbourne, Melbourne, j.martin@unimelb.edu.au), **Paraskeva Michailova** (Institute of Zoology, Sofia, michailova@zoology.bas.bg), **Benjamin B. Normark** (University of Massachusetts, Amherst, bnormark@ent.umass.edu), **Walther Traut** (University of Luebeck, Luebeck, traut@molbio.uni-luebeck.de), **Ludmila V. Vysotskaya** (Novosibirsk State University, Novosibirsk, vysot@fen.nsu.ru)

All correspondence with reference to editorial matters should be addressed to: Dr. Ilya Gavrilov-Zimin by e-mail: coccids@gmail.com with subject "Comparative Cytogenetics" or to the address: Zoological Institute, Russian Academy of Sciences, Universitetskaya nab. 1, St. Petersburg 199034, Russia.

**Creative Commons Attribution License.** This is an open access journal distributed under the terms of the Creative Commons Attribution License 3.0 CC-BY, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

**Subscription for 2014:**

The printed version: institutional subscription - € 145.00; individual subscription - € 70.00; subscribers from Russia - € 120.00.

PENSOFT Publishers  
Prof. Georgi Zlatarski 12, 1700 Sofia, Bulgaria  
Tel. +359-2-8704281  
Fax: +359-2-8704282  
e-mail: info@pensoft.net  
<http://compcytogen.pensoft.net>