

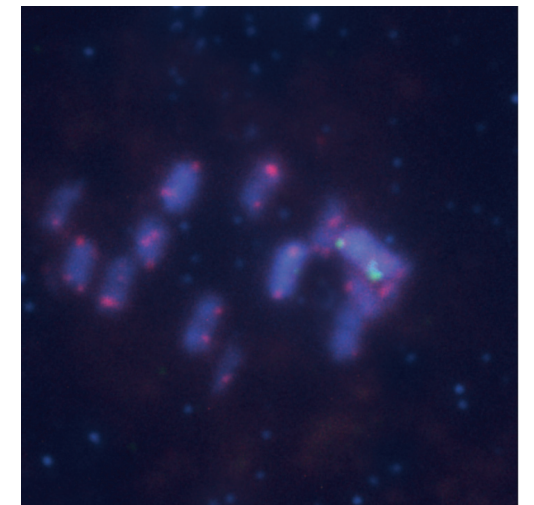
# Contents

- 335** A chromosomal analysis of four species of Chilean Chrysomelinae (Coleoptera, Chrysomelidae)  
*Eduard Petitpierre, Mario Elgueta*
- 341** The first finding of (TTAGG)<sub>n</sub> telomeric repeat in chromosomes of true bugs (Heteroptera, Belostomatidae)  
*Valentina G. Kuznetsova, Snezana M. Grozeva, Boris A. Anokhin*
- 347** The chromosomes of Tsing-Ling pika, *Ochotona huangensis* Matschie, 1908 (Lagomorpha, Ochotonidae)  
*Alexey A. Vakurin, Vladimir P. Korablev, Jiang Xue-Long, Tat'iana V. Grigor'eva*
- 359** Discriminatory profile of rDNA sites and trend for acrocentric chromosome formation in the genus *Trachinotus* Lacépède, 1801 (Perciformes, Carangidae)  
*Uedson Pereira Jacobina, Marcelo Ricardo Vicari, Luiz Antonio Carlos Bertollo, Wagner Franco Molina*
- 371** Does actually mean chromosome number increase with latitude in vascular plants? An answer from the comparison of Italian, Slovak and Polish floras  
*Lorenzo Peruzzi, Grzegorz Góralski, Andrzej J. Joachimiak, Gianni Bedini*
- 379** Karyotype morphology suggests that the *Nyctibius griseus* (Gmelin, 1789) carries an ancestral ZW-chromosome pair to the order Caprimulgiformes (Aves)  
*Leonardo Martin Nieto, Rafael Kretschmer, Mario Angel Ledesma, Analia Del Valle Garnero, Ricardo José Gunski*
- 389** A contribution to the taxonomy, cytogenetics and reproductive biology of the genus *Aclerda* Signoret (Homoptera, Coccinea, Acleridae)  
*I.A. Gavrilov-Zimin*
- 397** Chromosomes of *Lepidochitona caprearum* (Scacchi, 1836) (Polyplacophora, Acanthochitonina, Tonicellidae) provide insights into Acanthochitonina karyological evolution  
*Agnese Petracchioli, Nicola Maio, Gaetano Odierna*
- 409** Karyotype analysis of seven species of the tribe Lophiohylini (Hylinae, Hylidae, Anura), with conventional and molecular cytogenetic techniques  
*Simone Lilian Gruber, Célio Fernando Baptista Haddad, Sanae Kasabara*
- 425** Karyotype analysis of *Panax ginseng* C.A.Meyer, 1843 (Araliaceae) based on rDNA loci and DAPI band distribution  
*Nomar Espinosa Waminal, Hye Mi Park, Kwang Bok Ryu, Joo Hyung Kim, Tae-Jin Yang, Hyun Hee Kim*
- 443** Karyotypic diversity and evolutionary trends in the Neotropical catfish genus *Hypostomus* Lacépède, 1803 (Teleostei, Siluriformes, Loricariidae)  
*Anderson Luis Alves, Rafael Splendore de Borba, Claudio Oliveira, Mauro Nirchio, Angel Granado, Fausto Foresti*
- 453** Comparative karyomorphological study of some Indian *Cymbidium* Swartz, 1799 (Cymbidiaceae, Orchidaceae)  
*Santosh K. Sharma, Suman Kumaria, Pramod Tandon, Rao Rama Satyawada*



# COMPARATIVE Cytogenetics

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





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 2011:

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

PENSOFT Publishers

Geo Milev Str. 13a, 1111 Sofia, Bulgaria

Tel. +359-2-8704281

Fax: +359-2-8704282

e-mail: info@pensoft.net

<http://www.pensoft.net/journals/compcytogen>