

ISSN 1682-3559



Russian Journal of THERIOLOGY

Русский Териологический Журнал
Vol.15 No.1 June 2016



Москва Moscow

Russian Journal of Theriology is an international peer-reviewed journal published semiannually by the KMK Scientific Press Ltd. It is intended for general and special papers from all areas of mammalogy (taxonomy, phylogeny and evolution, morphology, paleontology, ecology, zoogeography, faunistics).

Editor-in-Chief:

Alexander O. Averianov [lepus@zin.ru]

Associate Editors:

Alexei V. Abramov [abramov@zin.ru],

Andrey A. Lisovsky [andlis@zmmu.msu.ru]

Alexey S. Tesakov [tesak@ginras.ru]

Leonid L. Voyta [desmana.zin@gmail.com]

Advisory Board:

Natalia I. Abramson (Zoological Institute RAS, Saint Petersburg, Russia); **J. David Archibald** (San Diego State University, San Diego, USA); **Gennady F. Baryshnikov** (Zoological Institute RAS, Saint Petersburg, Russia); **Olaf R.P. Bininda-Emonds** (Carl von Ossietzky University, Oldenburg, Germany); **Vladimir N. Bolshakov** (Institute of Ecology of Plants and Animals RAS, Ekaterinburg, Russia); **Petr P. Gambaryan** (Zoological Institute RAS, Saint Petersburg, Russia); **Fedor N. Golenishchev** (Zoological Institute RAS, Saint Petersburg, Russia); **Zhigang Jiang** (Institute of Zoology CAS, Beijing, China); **Adrian M. Lister** (Natural History Museum, London, United Kingdom); **Alexey V. Lopatin** (Paleontological Institute RAS, Moscow, Russia); **Ryuichi Masuda** (Faculty of Science, Hokkaido University, Japan); **Igor Ya. Pavlinov** (Zoological Museum of the Moscow State University, Moscow, Russia); **Viatcheslav V. Rozhnov** (A.N. Severtsov Institute of Ecology and Evolution RAS, Moscow, Russia); **Nikolai G. Smirnov** (Institute of Ecology of Plants and Animals RAS, Ekaterinburg, Russia); **Alexei N. Tikhonov** (Zoological Institute RAS, Saint Petersburg, Russia).

Russian Journal of Theriology can be subscribed:

Dr. K.G. Mikhailov

KMK Sci. Press Ltd.

c/o Zoological Museum MGU

Bolshaya Nikitskaya Str. 6

Moscow 125009 Russia.

Fax (+7-495)629-4825

E-mail: mikhailov2000@gmail.com

More information about journal contents, subscription rates, etc. is available on our web-site:

<http://zmmu.msu.ru/rjt>

All submissions should be done electronically via home page: <http://zmmu.msu.ru/rjt>

Address for other correspondence: rjt@zmmu.msu.ru

Publisher: KMK Scientific Press Ltd., Moscow, Russia.

The journal is printed in May, 2016.

SHORT COMMUNICATION. About possible ways of genes penetration from West Siberian beavers *Castor fiber pohlei* into Austria, by A.P. Saveljev & V.L. Lavrov 78–79

SHORT COMMUNICATION. Wood chip in the incisor alveolar arch of a beaver (*Castor fiber*), by K.-A. Nitsche 80

Content

Note from the Guest Editors of Beaver-Issue of the Russian Journal of Theriology, <i>by A. Saveljev, P. Busher, and G. Hood</i>	1
V.G. Safonov Beaver trapping in Russia and Belarus and problems of resources management	2–7
N.B. Romashova History of conservation and research activities of the Eurasian beaver (<i>Castor fiber</i>) in the Voronezhsky Nature Reserve	8–19
S. Minnig, Ch. Angst, G. Jacob Genetic monitoring of Eurasian beaver (<i>Castor fiber</i>) in Switzerland and implications for the management of the species	20–27
A.Yu. Puzachenko, N.P. Korablev Allometry of the skull in one autochthonous and two reintroduced populations of Eurasian beavers (<i>Castor fiber</i> , Castoridae, Rodentia)	28–33
I.V. Bashinskiy, V.V. Osipov Beavers in Russian forest-steppe — characteristics of ponds and their impact on fishes and amphibians	34–42
P.I. Danilov, F.V. Fyodorov The history and legacy of reintroduction of beavers in the European North of Russia	43–48
C. Pașca, L. Ungureanu, G. Ionescu, M. Popa, A. Gridan Riparian habitat modelling in the context of beavers (<i>Castor fiber</i>) repopulation in Brașov, Romania	49–54
V.V. Brozdnyakov Interactions between the Eurasian beaver and riparian woody vegetation along the Pechora-Volga meridian	55–61
K.-A. Nitsche The wolf <i>Canis lupus</i> as natural predator of beavers <i>Castor fiber</i> and <i>Castor canadensis</i>	62–67
A.P. Saveljev, N. Batbayar, Sh. Boldbaatar, B. Dashbiamba Self-eating in beavers — trophic opportunism or reaction on stress? Extreme case from Mongolia	68–74
A.S. Mishin, I.P. Trenkov Dry beaver ponds as habitats attracting large mammals	75–77

(continued on back inside cover)

