

ISSN 1682-3559



Russian Journal of THERIOLOGY

Русский Териологический Журнал

Vol.19 No.1 May 2020



Москва Moscow

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

Russian Journal of Theriology is the flagship publication of the Russian Theriological Society.

Editor-in-Chief:

Alexander O. Averianov [lepus@zin.ru]



Associate Editors:

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

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

Alexey S. Tesakov [tesak@ginras.ru]

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

Alexander E. Balakirev [alexbalakirev@mail.ru]

Natalia V. Serdyuk [natalyserdyu@yandex.ru]

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); **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

c/o Zoological Museum MGU

Bolshaya Nikitskaya Str. 2

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, Moscow, Russia.

The journal is printed in May, 2020.

Content

V.S. Gromov

Paternal care in rodents: Ultimate causation and proximate mechanisms 1–20

M.V. RutovskayaAcoustic communication in four species of subgenus
Alexandromys (Rodentia, Cricetidae) 21–36**I.A. Vislobokova, V.V. Titov**Spiral-horned antelopes of the Early Pleistocene Tamanian faunal complex
of Eastern Europe 37–44**T. Zorenko, U. Kagainis, L. Barashkova**Does the geometric and linear morphometry of the brain reflect the divergence
in the “guentheri” group (Arvicolinae, *Sumeriomys*)? 45–57**M.V. Sablin**

Large mammal faunas of the European part of Russia in Quaternary 58–64

A.P. Saveljev, A.A. Lissovsky, Y.A. KozlovComparative analysis of the lists of hunting mammals of the countries
of the Baltic region and Belarus 65–70**J.K.Å. Englund**Adaptation of the red fox (*Vulpes vulpes*) body weight and thickness
of the limbs to snow conditions in Scandinavia 71–78**G.G. Boeskorov, V.N. Vinokurov, M.V. Shchelchkova, V.G. Boeskorov**Cases of melanism in mountain hare (*Lepus timidus*) in Yakutia 79–84**D.N. Kuznetsov, N.B. Romashova, B.V. Romashov**Gastrointestinal nematodes of European roe deer (*Capreolus capreolus*) in Russia 85–93**S. Shar, I.V. Moroldoev, D. Lkhagvasuren**Small mammal communities of the Mongolian Gobi Region: diversity
and impacts of mining 94–98**J.K.Å. Englund, M. Elmeros, L.E.W. Österdahl**The need for consistent data collection for large-scale comparative studies
illustrated by the study of morphology of the red fox *Vulpes vulpes* 99–103

**RUSSIAN JOURNAL OF THERIOLOGY.
РУССКИЙ ТЕРИОЛОГИЧЕСКИЙ ЖУРНАЛ.**

Научный журнал. 2020. Том 19. Вып.1.

Москва: Товарищество научных изданий КМК. С.1–103.
при участии ИП Михайлова К.Г.

Отпечатано в ООО «Фотоэксперт». 115201 Москва, Котляковская ул., 3, стр.13.
Сдано в печать 06.05.2020. Формат 60x90/8. Объём 13 печ.л. Бум. мелов. Тираж 50 экз.