

Curriculum Vitae

Name: Oleg Engelsovich Kosterin

Present Title: D. Sci. (D. Hab., Doctor of Biological Sciences)

Present Positions:

Leading Researcher,
Acting Head of the Laboratory
of Genetics and Evolution of Legume Plants
at the Institute of Cytology and Genetics
of the Siberian Branch
of the Russian Academy of Sciences,

Professor
Chair of Cytology and Genetics.
Faculty of Natural Sciences.
Novosibirsk State University

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WoS Researcher ID: AAC-6480-2019

Scopus ID: 6603142281

Date and place of birth: June 16, 1963, Omsk, USSR

Marital status: married

Children: a son, Valentin Olegovich Kosterin, born in 2010

Home address: Ilyicha str. 21, 302, Novosibirsk, 630090, Russia

Education:

Children Art School No 1 of the Omsk city, 1978.

Novosibirsk Physics and Mathematics school for advanced children No 165 (the 10th form course), 1980.

Novosibirsk State University (Novosibirsk, Russia), 1985, specialisation: biology; qualification: ecology.

Diploma work:

“Analysis of variation of Ambrosia Beetle (*Zygogramma suturalis* L.) upon its introduction into Stavropol’skiy Kray”.

Ph. D. Thesis (dissertation for a degree of candidate of biological sciences):

"Inheritance and properties of a histone H1 fraction specific to young tissues of the garden pea (*Pisum sativum* L.)"
defended 31st May 1995.

D. Sci Thesis (habilitation; dissertation for a degree of doctor of biological sciences):

"Evolution and genogeography of wild representatives of the genus *Pisum* L."
defended 26th October 2017.

Research and Professional Experience:

At the Institute of Cytology and Genetics SB RAS:

1985-87 Research student
 at Laboratory of Evolutionary Genetics,
 Institute of Cytology and Genetics, Novosibirsk, Russia.
 The scope of research: Computer modelling of macroevolutionary
processes.

1987-92 Staff junior researcher
 at the Group of Molecular Bases of Evolution and Selection,
 later - Laboratory of Experimental Modelling of Evolutionary
Processes (Dr. V.A. Berdnikov, head),
 Institute of Cytology and Genetics, Novosibirsk, Russia.
 The scope of research: study of polymorphism and developmental
dynamics and inheritance
 of molecular variants of histone H1 and some seed proteins in the
legume plants,
 genetic mapping of the corresponding genes and morphological
markers in the garden pea,
 polyacrilamid gel electrophoresis of proteins and their fragments,
immunoblotting

- 1992-98 Staff researcher at the same Laboratory.
The scope of research: the same as above and the effect of allelic substitution
in histone H1 genes on the plant phenotype, the control of recombination rate in plants,
the rate of spontaneous hametophyte mutation, the genetic control of the complex leaf morphology
- 1998-2008 Staff senior researcher at the same Laboratory.
The scope of research: the same as above
- 2008-2012 Head of the Sector (former laboratory) of Experimental modelling of Evolutionary Processes.
The scope of research: variation of histone H1 genes, its use in molecular phylogenetic studies in plants and insects, its influence on the phenotype in peas;
phylogeography and taxonomy of wild peas (*Pisum*) and the nature of crossing barriers in this genus;
nucleo-cytoplasmatic incompatibility in pea, extraploidy in pea and its possible use for selection.
- 2012-present Acting Head of Laboratory of Genetics and Evolution of Legume Plants
at the Institute of Cytology and Genetics, Novosibirsk, Russia.
The scope of research:
- phylogeography and taxonomy of wild peas (*Pisum*) and the nature of crossing barriers in this genus;
- nucleo-cytoplasmatic incompatibility in peas;
- variation of histone H1 genes, its use in molecular phylogenetic studies in plants and insects,
- phylogeography of some Lepidoptera species of North Asia with disjunct ranges.

At Novosibirsk State University:

- 2009-2013 Assistant at the Chair of Cytology and Genetics
- 2013-2022 Docent at the same Chair
- 2022-present Professor at the same Chair

Professional research interests:

- plant and general genetics;
- phylogeography and taxonomy of wild peas;
- nucleo-cytoplasmatic incompatibility in plants and the nature of crossing barriers in the genus *Pisum*;
- arrangement of histone H1 genes and developmental changes of H1 complement in plants and their possible significance;
- variation of histone H1 genes in plants and insects and its possible use for molecular phylogenetic studies;
- construction of a reliable recombination map of the garden pea;
- genetic control of the rate of meiotic recombination in plants;
- genetic basis for plant morphogenesis;
- rate of spontaneous mutation;
- molecular bases of evolution; theory of macroevolution;
- faunogenesis in the Holarctic in the Pleistocene and Holocene;
- molecular phylogeography of nemoral insect species with disjunct ranges in North Asia
- molecular phylogeny of Odonata
- fauna of Odonata of Eurasia
- taxonomy of Odonata
- fauna and taxonomy of butterflies (Papilionoidea) of North Asia

Tutorial activity:

2006-2011: read the course 'General Biology' (17 lectures for the 1st year students) at the Psychological Faculty at Novosibirsk State University.

2009-2018: read the course 'Genetics' (23 lectures; the for 3rd year students) at the Faculty of Natural Sciences and Medical Faculty at Novosibirsk State University.

The lectures (in Russian) are available at:

<https://www.elibrary.ru/item.asp?id=49890198>

2020-present: reading the course 'Domestication' (5 lectures) for magister students at the Faculty of Natural Sciences at Novosibirsk State University.

Participation in scientific programs:

1993 – Present: Participation in projects supported by All-Russian "Fund of Fundamental Research"

1994: A State Grant for Young Scientists

2000 – Present: a number of small grants by International Dragonfly Fund for research of the Odonata fauna of Siberia and Cambodia.

2004-2007: Participation in the scientific programme “Origin and Evolution of Biosphere” by the Russian Academy of Sciences

2007-2010: Participation in integration projects “Nature of Academy Town: Results of a Half-century Exploitation” (2007-2008) and “Dynamics of Ecosystems of Academy Town: Monitoring and Working out Recommendation on Rational Use” (2009-2010) by Presidium of the Siberian Branch of the Russian Academy of Sciences

2012-2014: Participation in a partnership integration project by the Siberian and Far Eastern Branches of the Russian Academy of Sciences "Phylogeography of Insects, Birds and Mammals of Siberia and the Far East: the history of formation of the faunas and modern evolutionary trends, "

2013 – 2016: Head of a project “Genetic analysis of the role of genes responsible for nuclear-cytoplasmic incompatibility in formation of reproductive isolation in the genus *Pisum* L.” supported by All-Russian "Fund of Fundamental Research"

2019 –2020: Head of a project “Role of hybridisation and associated conflict of nucleus and cytoplasm in formation of genetic patterns of evolution of the organellar genomes in the genus *Pisum* L. (peas)” supported by All-Russian "Fund of Fundamental Research"

Extra-professional research interests:

- faunistics, taxonomy and ecology of Odonata and butterflies of Eurasia;
- flora and vegetation of Siberia and Central Asia.

Extra-professional research activities:

- Faunistical and taxonomical studies of Odonata and Lepidoptera of Eurasia
- Participation in botanical (flora) and entomological (fauna and ecology) expeditions, permanent collecting insects for the Institute of Animal Systematics and Ecology of the Russian Academy of Sciences.
- reviewing of papers and theses on genetics, odonatology and lepidopterology

Scientific editor of the book: P. Y. Gorbunov. 2001. The butterflies of Russia: classification, genitalia, keys for identification (Lepidoptera: Hesperioidea and Papilioidea). - Thesis - Ekaterinburg - 320 p.

Activity in scientific societies

1998-2010: a member of the Coordination Committee of *Pisum* Genetics Association

Since 1984: a member of Russian Entomological Society

In 2003-2009: a member of the Editorial Board of the *International Journal Odonatology*

Since 2001: a member of the Editorial Board of *Odonatologica*

Since 2009: a member of the Editorial Board of *Amurian Zoological Journal*

Since 2009: a member of the Editorial Board of *Oriental Insects*

Since 2023: a member of the Editorial Board of *Genetic Resources and Crop Evolution*

Foreign languages: English, spoken and written

Made English translation of the original Russian manuscript for the following book, printed in English:

P. Y. Gorbunov. 2001. The butterflies of Russia: classification, genitalia, keys for identification (Lepidoptera: Hesperioidea and Papilionoidea). - Thesis - Ekaterinburg - 320 p.

Countries visited:

- Kazakhstan (after split the USSR) in 1993, 1994, 2009, 2010, 2012, – on entomological expeditions;
- South Korea in 2002 - to participate in the 1st symposium of the S.I.O. Regional Office in East Asia;
- Japan in 2002 - by invitation of Mr. Kiyoshi Inoue to make a report at the the Kansai Odonatological Research Group meeting;
- Germany in 2003 (with excursions to Belgium and France) - private;
- Thailand in 2005, 2006 and 2009 - on entomological expeditions;
- Cambodia in 2006, 2010, 2011, 2013, 2014, 2015, 2016, 2017, 2018, 2019 – on entomological expeditions;
- Portugal in 2010 – for 1st European Congress in Odonatology;
- Ethiopia in 2012 – on an entomological expedition;
- United Kingdom in 2014 – for expert consultation on pea crop wild relatives arranged by Global Crop Diversity Trust;
- Indonesia in 2014 – on vacation;

- Iran in 2017 – on an expedition focusing on wild peas and Odonata;
- Israel in 2019 – by invitation by Prof. S. Abbo at Agronomy Faculty of the Hebrew University of Jerusalem to observe wild pea populations.
- Morocco in 2021 – on an expedition focusing on wild peas.

Field experience:

Organizer	Region	Subject	Season
Novosibirsk State University	North Altai	Insect ecology	VII-VIII 1981 VII-VIII 1982
Biological Institute, at present Institute of Animal Systematics and Ecology, Novosibirsk	N Kazakhstan	- " -	VII 1983
- " -	E Kazakhstan (Dzhungarian Alatau)	Insect fauna	VI 1993 VII 1994
- " -	S Chita Province	Insect fauna	VI 1995 VII 1996
- " -	Kemerovo Province	Ecology of Collembola	4 visits in 1994-1996
- " -	SE Altai	Insect fauna	VII 1998
Complex Biosphaera Expedition of USSR Acad.Sci.	South Tuva	Insect ecology	VII 1990
Central Siberian Botanical Garden, Novosibirsk	Central Altai	flora	VII-VIII 1985, VII 1986, VII 1987, VII 1988
Biology & Pedology Institute, Vladivostok	Magadan Region	flora	VII 1989
- " -	South Kamchatka	flora	VIII-IX 1991, VIII 1992
Institute of Cytology and Genetics, Novosibirsk	Krasnodarskii Krai	Bruchid/pea interaction	VI 1990
- " -	Crimea	wild pulses	VII 1991
- " -	Altai Mts.	butterfly fauna	VII 1999
- " -	Altai Mts.	butterfly fauna	VII 2001
Ecological Club of Novosibirsk State University	Novosibirsk Province	Nature conservation	VI 1994
Daurskii State Nature Reserve	E Chita Region	entomofauna	VII-VIII 1997
private	Khakas and Tyva Republics	entomofauna	VII 2000

private	the Altai Mts.	butterfly fauna	VI-VII 2001
private	Aldan Ulus of Sakha Republic-Yakutia	butterfly fauna	VI 2002
private	the Altai Mts.	butterfly fauna	VI 2003
private	Kamchatka	dragonfly fauna	VII 2003
Ubsunurskaya Kotlovina and Azas State Nature Reserves	Tyva Republic	butterfly and dragonfly fauna	VI-VIII 2004
private	the Altai Mts.	butterfly fauna	VII 2005
private	Thailand	dragonfly fauna	I 2005 I 2006 II 2009
Int. Dragonfly Fund grant	Tomsk Province	dragonfly fauna and ecology	VII 2006
Katunskii State Biosphaeral Nature Reserve	C Altai	butterfly fauna	VI-VII 2007
Caucasian State Nature Reserve	North Caucasus	look for some problematic odonate taxa	VII 2008
private	South Kazakhstan	butterfly fauna	VII 2009
Int. Dragonfly Fund	Cambodia	Odonata fauna	IV, XI/XII 2010 VIII 2011 V/VI 2013 VI 2014 III/IV 2015 VII/VIII 2016 II/III 2017 VI/VII 2018 XI 2018 III 2019 XI-XII 2019
1 st European Congr. in Odonatology	NE Portugal	Odonata fauna	VII 2010
private	E Kazakhstan	butterfly fauna	VII 2010, VI 2012
private	Ethiopia	Odonata fauna	VII-VIII 2012
private	Indonesia	Odonata fauna	II 2014
private	NW Novosibir Prov.	butterfly fauna	VII 2015
Int. Dragonfly Fund	North Kazakhstan	Odonata fauna	VI, VIII 2015
private	NW Novosibir Prov.	butterfly fauna	VII 2015
private	Caucasian coast	wild peas	VII 2015 VII 2016 VII 2017
private	Central Iran	wild peas	V-VI 2017

private	Tyva Republic	Odonata fauna	VI 2017
Hebrew University of Jerusalem	Israel	wild peas	IV 2019
private	Morocco	wild peas	V 2021
private	Dagestan	Odonata, wild peas	VI 2021 VII, IX 2022 V, VIII 2023
private	South Ural	Odonata	VII 2021
private	Tuva	raptors	V 2022
private	South Yakutia	Odonata	VI-VII 2022
Shushenskiy Bor National Park	Krasnoarskiy Kray	Odonata Papilionoidea	VI-VII 2023 V, VII-VIII 2024
private	India	Odonata	VI 2024

Non-research skills and activities:

- drawing (participated in illustrating 'The Flora of Siberia' and other books of this kind)

Website:

<https://pisum.icgbio.ru/kosterin/> (devoted to natural photos, rather outdated)

Taxa described by or in co-authorship with O.E. Kosterin

Genera (3)

Euthygomphus Kosterin, 2016 (Odonata, Gomphidae).

Mattigomphus Karube et Kosterin, 2018 (Odonata, Gomphidae)

Isoaeschna Schneider, Vierstraete, Kosterin, Ikemeyer, Hu, Snegovaya et Dumont, 2023 (Odonata, Aeshnidae)

Species (15)

Euphaea cyanopogon Hämäläinen, Kosterin et Kompier, 2019 (Odonata, Euphaeidae). Cambodia, Vietnam.

Ischnura foylei Kosterin, 2015 (Odonata, Coenagrionidae). Sumatra.

Amphicnemis valentini Kosterin et Kompier, 2018 (Odonata, Coenagrionidae). Cambodia, Vietnam.

Coeliccia rolandorum Kosterin et Kompier, 2017 (Odonata, Platycnemididae). Cambodia, Vietnam.

Onychargia priydak Kosterin, 2015 (Odonata, Platycnemididae). Cambodia.

Prodasineura hoffmanni Kosterin, 2015 (Odonata, Platycnemididae). Cambodia.
Asiagomphus reinhardti Kosterin et Yokoi, 2016 (Odonata, Gomphidae):
 Cambodia, Laos.
Euthygomphus schorri Kosterin, 2016 (Odonata, Gomphidae): Cambodia.
Microgomphus alani Kosterin, 2016 (Odonata, Gomphidae): Cambodia.
Burmagomphus asahinai Kosterin, Makbun et Dawwrueng, 2012 (Odonata,
 Gomphidae): Cambodia, Thailand.
Burmagomphus apricus Zhang, Kosterin et Cai, 2015 (Odonata, Gomphidae):
 China.
Burmagomphus dentatus Zhang, Kosterin et Cai, 2015 (Odonata, Gomphidae):
 China.
Burmagomphus magnus Zhang, Kosterin et Cai, 2015 (Odonata, Gomphidae):
 China.
Burmagomphus latescens Zhang, Kosterin et Cai, 2015 (Odonata, Gomphidae):
 China.
Risiophlebia guentheri Kosterin, 2015 (Odonata, Libellulidae). Cambodia.

Subspecies (19)

Calopteryx splendens njuja Kosterin et Sivtseva, 2009 (Odonata, Calopterygidae).
 Russia: SW Yakutia.
Calopteryx virgo feminalis Kosterin, 2017 (Odonata, Calopterygidae). Russia: the
 West Caucasus.
Indolestes gracilis expressior Kosterin, 2015 (Odonata, Lestidae). Cambodia.
Ischnura elegans malikovae Onishko et Kosterin (Odonata, Coenagrionidae).
 Russia: southern Far East.
Coeliccia poungyi dasha Kosterin, 2014 (Odonata, Platycnemididae). Cambodia.
Burmagomphus williamsoni eddiei Kosterin, 2021 (Odonata, Gomphidae).
 Cambodia.
Macrogomphus phalantus jayavarman Kosterin, 2019 (Odonata, Gomphidae).
 Cambodia.
Macromidia genialis buusraaensis Kosterin, 2018 (Odonata, Synthomisidae).
 Cambodia.
Hemicordulia tenera donnelyi Kosterin, Karube et Futahashi, 2015 (Odonata,
 Corduliidae). Thailand.
Hemicordulia tenera vikhrevi Kosterin, Karube et Futahashi, 2015 (Odonata,
 Corduliidae). Cambodia.
Euchloe ochracea irina Dubatolov et Kosterin, 1994 (Lepidoptera, Pieridae).
 Kazakhstan: Dzhungarian Alatau Mts.
Pontia callidice boreoasiatica P. Gorbunov et Kosterin, 2007 (Lepidoptera,
 Pieridae). North-eastern Russia
Cupido minimus pilyachuch P. Gorbunov et Kosterin, 2007 (Lepidoptera,
 Lycaenidae). Russia: Kamchatka
Polyommatus icadius cicero Ivonin et Kosterin, 2000 (Lepidoptera, Lycaenidae).
 Russia: Altai.

- Plebejus argyrognomon peninsularis* P. Gorbunov et Kosterin, 2007 (Lepidoptera, Lycaenidae). Russia: Kamchatka.
- Boloria pales roddi* Kosterin, 2000 (Lepidoptera, Nymphalidae). Russia: Altai.
Present combination: *Boloria aquilonaris roddi* Kosterin, 2000
- Boloria napaea contaminata* P. Gorbunov et Kosterin, 2007 (Lepidoptera, Nymphalidae). Russia: N. Ural
- Boloria aquilonaris jakubovi* P. Gorbunov et Kosterin, 2007 (Lepidoptera, Nymphalidae). Russia: Kamchatka
- Erebia disa kutkhynjaku* P. Gorbunov et Kosterin, 2007 (Lepidoptera, Nymphalidae). Russia: Kamchatka

Presently synonyms (1)

- Hyponephele narica ambialtaica* Kosterin, 2002 (Lepidoptera, Nymphalidae).
Russia: S Tuva, Kazakhstan: Black Irtysh. Present status: junior synonym of
Hyponephele narica narica.

Replacement names proposed (1)

- Lathyrus schaeferi* Kosterin, 2017 (Basionym: *Pisum abyssinicum* A. Br.)
(Fabaceae)

Taxa named after O.E. Kosterin

Species (10)

- Drepanosticta kosterini* Dow, 2017 (Odonata, Platystictidae). Malaysia: Borneo (Sarawak).
- Asiagomphus kosterini* Kompier, 2018 (Odonata, Gomphidae). Vietnam.
- Alucita kosterini* Ustjuzhanin, 1999 (Lepidoptera, Alucitidae). Tadjikistan:
Zeravshan Mt. Range.
- Stenoptilia kosterini* Ustjuchanin, 2001 (Lepidoptera, Pterophoridae). Russia:
Kamchatka.
- Cernyia kosterini* Dubatolov et Buczek, 2013 (Lepidoptera, Lithosiini). SW
Cambodia.
- Lyclene kosterini* Dubatolov et Buczek, 2013 (Lepidoptera, Lithosiini). SW
Cambodia.
- Dolychopus kosterini* Grichanov, 2017 (Diptera, Dolichopodidae). Russia:
Khakasia.
- Coenosia kosterini* Vikhrev, 2009 (Diptera, Muscidae). Russia: Omsk.
- Thricops kosterini* Vikhrev, 2013 (Diptera, Muscidae). Kazakhstan: Altai.
- Cordilura kosterini* Ozerov et Krivosheina, 2014 (Diptera, Scatophagidae). Russia:
Primorye.

Subspecies (2)

Parnassius stubbendorffii kosterini Kreuzberg et Pljushch, 1992 (Lepidoptera, Papilionidae). Russia: Magadan Province.
Erebia kosterini P. Gorbunov, Korshunov et Dubatolov in Korshunov et Gorbunov, 1995 (Lepidoptera, Nymphalidae). Russia: Magadan Province.
Present status: *Erebia ajanensis kosterini* P. Gorbunov, Korshunov et Dubatolov in Korshunov et Gorbunov, 1995.

Publications:

(newest to oldest; most important boldfaced)

**Kosterin O.E., Vierstraete A., Schneider T., Kompier T., Hu F.-S., Everett L. jr., Makbun N., Onishko Vo, Papazian M., Dumont H.J. 2025. Molecular phylogenetic analysis of the family Macromiidae (Odonata) worldwide based on a mitochondrial and two nuclear markers, with a short overview of its taxonomic history. *Zootaxa* 5620 (4): 501-545.
<https://doi.org/10.11646/zootaxa.5620.4.1>**

**Bulgakova V.S., Shatskaya N.V., Kosterin O.E., Vasiliev G.V. 2025. Multiple origin of organellar genomes of cultivated pea (*Pisum sativum* L. subsp. *sativum*) *Plant Gene*, Vol. 42, 100492.
<https://doi.org/10.1016/j.plgene.2025.100492>**

Kosterin O.E., Mayorov S.R. 2024. *Polygala amarella* (Polygalaceae): a new species for the flora of Siberia. *Byulleten MOIP, Otdel biologicheskij*. Vol. 129, Issue 6. p. 77–79 {in Russian, English title} <https://doi.org/10.55959/MSU0027-1403-BB-2024-129-6-77-79>

Erratum: OLEG E. KOSTERIN, VLADIMIR V. ONISHKO, ELENA V. ILYINA, GENNADY Y. CHEPURNOV & ALEXANDER G. BLINOV (2024) The genus *Coenagrion* Kirby, 1890 (Odonata: Coenagrionidae) in the Russian part of the Caucasus. *Zootaxa*, 5471 (2): 151–190. *Zootaxa* 5569 (3): 594–596
<https://doi.org/10.11646/zootaxa.5569.3.11>

Kosterin, O.E., Knyazev, S.A. 2024. *Plusiodonta casta* (Butler, 1878) (Lepidoptera, Erebidae, Calpinae) found in West Sayan (Central Siberia, Russia). *Acta Biologica Sibirica*, vol. 10, pp. 1727-1732.
<https://doi.org/10.5281/zenodo.14470324>

Von Euler, F., Kosterin, O.E. 2024. Designation of the lectotype of *Somatochlora sahlbergi* Trybom, 1889 (Odonata: Corduliidae). *Odonatologica*, Vol. 53 (3/4), P. 439-445 <https://doi.org/10.60024/odon.v53i3-4.a11>

Schneider, T., Vierstraete, A., Kosterin, O.E., Ikemeyer, D., Hu, F.-S., Novelo-Gutiérrez, R., Kompier, T., Everett, L., Jr., Müller, O., Dumont, H.J. 2024. Molecular Phylogeny of the Family Cordulegastridae (Odonata) Worldwide. Insects 2024 (15): 622. <https://doi.org/10.3390/insects15080622>

Kosterin, O.E. 2024. Photographic recording dragonflies and damselflies (Odonata) of Cambodia by public over a decade. International Dragonfly Fund Report, vol. 189, pp. 1-19.

Kosterin, O.E., Onishko, V.V., Ilyina, E.V., Chepurnov, G.Y., Blinov, A.G. 2024. The genus *Coenagrion* Kirby, 1890 (Odonata: Coenagrionidae) in the Russian part of the Caucasus. Zootaxa, Vol. 5471, Issue 2, P. 151-190. doi: 10.11646/zootaxa.5471.2.1

Kosterin, O.E., Delflosse, E. 2024. Lectotypification of *Macromia pyramidalis* Martin, 1907 (Odonata: Macromiidae) and its nomenclatural consequences. Zootaxa, Vol. 5447, Issue 1, P. 145-150. <https://doi.org/10.11646/zootaxa.5447.1.11>

Ilyina, E.V., Kosterin, O.E., Onishko, V.V. 2024. First data on dragonflies (Odonata) of Dagestan highlands, Russia. Euroasian Entomological Journal 23 (1): 1-17. <https://doi.org/10.15298/euroasentj.23.01.01>

Knyazev, S.A., Saikina, S.M., Teploukhov, V.Y., Sitnikov, P.S., Galich, D.E., Kosterin, O.E. 2024. First records of *Apatura ilia* ([Denis & Schiffermüller], 1775) and *Limenitis camilla* (Linnaeus, 1764) in West Siberia. Acta Biologica Sibirica 10: 107-116 <https://doi.org/10.5281/zenodo.10874345>

Zykova, E.Y., Shaulo, D.N., Pankova, T.V., Kosterin O.E. 2024. Floristic findings in alien flora of the Novosibirsk Region. Turczaninowia 27, 1: 52–59. <https://doi.org/10.14258/turczaninowia.27.1.7>

Schneider, T., Vierstraete, A., Kosterin, O.E., Ikemeyer, D., Hu F.-S., Snegovaya, N., Dumont, H.J. 2023 Molecular phylogeny of Holarctic Aeshnidae with a focus on the West Palaearctic and some remarks on its genera worldwide (Aeshnidae, Odonata). Diversity, vol. 15, 950. <https://doi.org/10.3390/d15090950>

Bulgakova (Bogdanova), V.S., Shatskaya, N.V., Kosterin, O.E., Vasiliev, G.V. 2023. Cases of paternal inheritance and recombination of mitochondrial DNA in peas (*Pisum* L.). // *Euphytica*, Vol. 219, article 74 <https://doi.org/10.1007/s10681-023-03207-z>

Mglinets, A.V., Kosterin, O.E. 2023. The use of the primary structure of the ITS1-ITS2 region for species identification in some submerged aquatic macrophytes of the genus *Stuckenia*. // Vavilovskii Zhurnal Genetiki i Selektzii = Vavilov Journal of Genetics and Breeding, Vol. 27, Issue 2, p. 153-161.
<https://doi.org/10.18699/VJGB-23-21>

Kosterin, O.E. 2023. Natural range, habitats and populations of wild peas (*Pisum* L.). Genetic Resources and Crop Evolution, Vol. 70, p. 1051-1083
<https://doi.org/10.1007/s10722-023-01544-5>

Shatskaya, N.V., Bogdanova, V.S., Kosterin, O.E., Vasiliev, G.V. 2023. New insights into plastid and mitochondria evolution in wild peas (*Pisum* L.). // Diversity, vol. 14, 256. <https://doi.org/10.3390/d15020216>

Vogt, T.E., Kosterin, O.E. Colby, J. 2023. Single syntypes of *Somatochlora exuberata* Bartenev, 1910 (Odonata: Corduliidae), discovered in both the Milwaukee Public Museum and the University of Michigan Museum of Zoology, U.S.A., with designation of the lectotype. Zootaxa, Vol. 5380, Issue 6, P. 577-586.
<https://doi.org/10.11646/zootaxa.5380.6.5>

Kosterin, O.E. 2023. Nomenclatural reconsideration of the genera *Aeschnophlebia* Selys, 1883 and *Planaeschna* McLachlan, 1896 (Odonata, Aeshnidae). Zootaxa, Vol. 5353, Issue 5, P. 495-500.
<https://doi.org/10.11646/zootaxa.5353.5.8>

Kosterin O.E. 2023. Early summer aspect of butterflies (Lepidoptera: Papilionoidea) of Republic of Khakassia as examined in 2000, with some additional data. Amurian Zoological Journal. Vol. 15, Iss. 2, p. 325-354.
<https://doi.org/10.33910/2686-9519-2023-15-2-325-354>

Kosterin O.E. 2023. Reconsideration of the three Odonata taxa described by A.N. Bartenev from the same place in West Caucasus // Odonatologica. Vol. 52, Iss. 1/2, p. 89-126.
<https://doi.org/10.5281/odon.v52i1-2.a7>

Kosterin, O.E. 2023. Odonata of Aldan Ulus of Yakutia (East Siberia, Russia): 20 years later // International Dragonfly Fund Report, vol. 179, pp. 1-34.

Onishko, V.V., Kosterin, O.E., Voinov, I.O. 2023. Results of odonatological studies in southern Primorye, Russia, in 2011-2020. // International Dragonfly Fund Report, vol. 177, pp. 1-59.

Kosterin, O.E. 2022. Osnovy genetiki: uchebnik [Basics of Genetics: a textbook]. 2nd, revised edition. Publishing & Polygraphic Centre of Novosibirsk State University, Novosibirsk, 650 pp. [in Russian]
<https://doi.org/10.25205/978-5-4437-1323-6>

Solovyev, V.I., Dubatolov, V.V., Vavilova, V.Y., Kosterin, O.E. 2022. Estimating range disjunction time of the Palaearctic Admirals (*Limenitis L.*) with *COI* and histone H1 genes. // *Organisms Diversity & Evolution*. Vol. 22. P. 975-1002.
<https://doi.org/10.1007/s13127-022-00565-9>

Mglinets, A.V., Bogdanova, V.S., Kosterin, O.E. 2022. Identification of the gene coding for seed cotyledon albumin SCA in the pea (*Pisum L.*) genome. // *Vavilovskii Zhurnal Genetiki i Seleksii = Vavilov Journal of Genetics and Breeding*, Vol. 26, Issue 4, p. 359-364.
<https://doi.org/10.18699/VJGB-22-43>

Shekhovtsov S.V., Shekhovtsova I.N., Kosterin O.E. 2022. Genotyping-by-sequencing analysis shows that Siberian lindens are nested within *Tilia cordata* Mill. // *Diversity* 2022, 14, 256.
<https://doi.org/10.3390/d14040256>

Chartier, G., Kosterin, O.E. 2022. An annotated checklist of the butterflies (Lepidoptera: Papilionoidea) of Cambodia // *Cambodian Journal of Natural History*, vol. 2022, no. 2, pp. 99–126.

Gorbunov, P.Y., Kosterin, O.E. 2022. Butterflies (Lepidoptera: Papilionoidea) of Kamchatka in nature // *Amurian Zoological Journal*, vol. 14, no. 3. Supplement, pp. 1–190.
<https://www.doi.org/10.33910/2686-9519-2022-14-3-s>

Kosterin O.E. 2022. Dragonflies (Lepidoptera, Papilionoidea) of the Katon-Karagai National Nature Park, Kazakhstan. In: Krykbaeva R.N., Gabdullina A.U. (Eds) *Trydy Katon-Karagayskogo gosudarstvennogo natsional'nogo prirodnogo parka [Proceedings of the Katon-Karagai State National Nature Park]*, Volume 2. Media-Alyans, Oskemen, p. 175-187.
<https://doi.org/10.55435/09032022126>

Kosterin O.E., Gabdullina, A.U., Zinshenko, V.K., Knyazev, S.A., Tshikolovets, V. 2022. Data on dragonflies and damselflies (Odonata) of the Katon Karagai National Nature Park, Altai Mts, Kazakhstan. In: Krykbaeva R.N., Gabdullina A.U. (Eds) *Trydy Katon-Karagayskogo gosudarstvennogo natsional'nogo prirodnogo parka [Proceedings of the Katon-Karagai State National Nature Park]*, Volume 2. Media-Alyans, Oskemen, p. 206-261.
<https://doi.org/10.55435/09032022151>

Onishko, V.V., Kosterin, O.E., Blinov, A.G., Sukhikh, I.S., Ogunleye, A.T., Schröter, A. 2022. *Aeshna soneharai* Asahina, 1988, stat. rev., bona species – an overlooked member of European fauna? (Odonata: Aeshnidae) // Odonatologica, Vol. 51, No. 1-2, p. 111-145
<http://dx.doi.org/10.5281/odon.v51i1-2.a6>

Onishko, V.V., Kosterin, O.E. 2022. *Ischnura elegans malikovae* subspecies nova (Odonata, Coenagrionidae) from the Far East of Russia, with discussion of other possible subspecies.// Zootaxa. Vol. 5120. Issue 4. P. 573-585.
<http://dx.doi.org/10.11646/zootaxa.5120.4.7>

Ilyina, E.V., Onishko, V.V., Kosterin, O.E. 2022. Strekozy (Odonata) klastera “Del'ta Samura” natsional'nogo parka “Samurskiy” [Dragonflies (Odonata) of the Samur Delta Cluster of Samurskiy National Park]. In: Trydy Gosudarstvennogo Prirodnogo Zapovednika “Dagestanskiy”. Vol. 18. P. 31-50 (In Russian).

Kosterin O.E., Bogdanova V.S. 2021. Reciprocal compatibility within the genus *Pisum* L. as studied in F1 hybrids: 4. Crosses within *P. sativum* L. subsp. *elatius* (Bieb.) Aschers. et Graebn. // Genetic Resources and Crop Evolution Vol. 68. No. 6. P. 2565-2590.
<https://doi.org/10.1007/s10722-021-01151-2>

Bogdanova, V.S., Shatskaya, N.V., Mglinets, A.V., Kosterin, O.E., Vasiliev, G.V. 2021. Discordant evolution of organellar genomes in peas (*Pisum* L.). // Molecular Phylogenetics and Evolution, Vol. 160, 107136.
<https://doi.org/10.1016/j.ympev.2021.107136>

Onishko, V.V., Kosterin, O.E., Emelyanov E.G. 2021. *Anax nigrofasciatus* Oguma, 1915 (Odonata, Aeschnidae): A new addition to the fauna of Russia. // Amurian Zoological Journal, vol. 13, no. 4, pp. 516–519.
<https://www.doi.org/10.33910/2686-9519-2021-13-4-516-519>

Kosterin, O.E., Onishko, V.V. 2021. Two newly recorded dragonfly species (Odonata: Libellulidae) for the Novosibirskaya Oblast of Russia. // Euroasian Entomological Journal. Vol. 20. Issue 4. P. 221-228.
<http://dx.doi.org/10.15298/euroasentj.20.4.10>

Kosterin, O.E. 2021. *Burmagomphus williamsoni eddiei* subsp. nov. (Odonata, Gomphidae) from northern Cambodia. // International Dragonfly Fund Report. Vol. 161. P. 1-15.

Kosterin O.R. 2021. Comment (Case 3767) – Support for the proposed conservation of the specific name *Papilio phoebus* Fabricius, 1793 (currently

Parnassius phoebus) because of prevailing usage. // Bulletin of Zoological Nomenclature, Vol. 78, p. 133-134.
<http://dx.doi.org/10.21805/bzn.v78.a029>

Kipriyanova, L.M., Priidak, N.V., Kosterin O.E. 2021. *Wolffia arrhiza* (L.) Horckel ex Wimm. record in Novosibirsk Region (West Siberia) – the first in Asian Russia. Russian Journal of Biological Invasions, Vol. 12, Issue 3, p. 277-282
<http://dx.doi.org/10.1132/S2075111721030085>

Onishko, V., Kosterin, O. 2021. Dragonflies of Russia. Illustrated Photo Guide. Phytos XXI. Moscow, 480 p. (in Russian; English abstract).

Kosterin O.E., Bogdanova V.S. 2020. Reciprocal compatibility within the genus *Pisum* L. as studied in F1 hybrids: 3. Crosses involving *P. abyssinicum* A. Br. // Genetic Resources and Crop Evolution Vol. 67. No. 4. P. 967-983.
<https://doi.org/10.1007/s10722-020-00895-7>

Kosterin O.E., Bogdanova V.S., Mglinets A.V. 2020. Wild pea (*Pisum sativum* L. subsp. *elatius* Aschers. et Graebn. s. l.) at the periphery of its range: Zagros Mountains. // Vavilov Journal of Genetics and Breeding Vol. 24. No. 1. P. 60-68.
<https://doi.org/10.18699/VJ20.596>

Erratum: OLEG E. KOSTERIN (2019). Amendments and updates to F.C. Fraser's key to Indian *Lestes* spp. (Odonata: Lestidae) to resolve confusion of *L. patricia* Fraser, 1924 and *L. nigriceps* Fraser, 1924, with notes on *L. nodalis* Selys 1891 and *L. garoensis* Lahiri, 1987. Zootaxa 4671: 297-300 // Zootaxa, Vol. 4885. Issue 4. P. 600-600.
<http://dx.doi.org/10.11646/zootaxa.4885.4.10>

Seregin A.P., Bochkov D.A., Shner J.V., Garin E.V., Pospelov I.N., Prokhorov V.E., Golyakov P.V., Mayorov S.R., Svirin S.A., Khimin A.N., Gorbunova M.S., Kashirina E.S., Kuryakova O.P., Bolshakov B.V., Ebel A.L., Khapugin A.A., Mallaliev M.M., Mirvoda S.V., Lednev S.A., Nesterkova D.V., Zelenova N.P., Nesterova S.A., Zelenkova V.N., Vinogradov G.M., Biryukova O.V., Verkhozina A.V., Zyrianov A.P., Gerasimov S.V., Murtazaliev R.A., Basov Y.M., Marchenkova K.Yu., Vladimirov D.R., Safina D.B., Dudov S.V., Degtyarev N.I., Tretyakova D.V., Chimitov D.G., Sklyar E.A., Kandaurova A.N., Bogdanovich S.A., Dubynin A.V., Chernyagina O.A., Lebedev A.V., Knyazev M.S., Mitjushina I.Yu., Filippova N.V., Dudova K.V., Kuzmin I.V., Svetasheva T.Yu., Zakharov V.P., Travkin V.P., Magazov Y.O., Teploukhov V.Yu., Efremov A.N., Deineko O.V., Stepanov V.V., Popov E.S., Kuzmenkin D.V., Strus T.L., Zarubo T.V., Romanov K.V., Ebel A.L., Tishin D.V., Arkhipov V.Yu., Korotkov V.N., Kutueva S.B., Gostev V.V., Krivosheev M.M., Gamova N.S., Belova V.A., Kosterin O.E.,

Prokopenko S.V., Sultanov R.R., Kobuzeva I.A., Dorofeev N.V., Yakovlev A.A., Danilevsky Y.V., Zolotukhina I.B., Yumagulov D.A., Glazunov V.A., Bakutov V.A., Danilin A.V., Pavlov I.V., Pushay E.S., Tikhonova E.V., Samodurov K.V., Epikhin D.V., Silaeva T.B., Pyak A.I., Fedorova Y.A., Samarina E.S., Shilov D.S., Borodulina V.P., Kropocheva E.V., Kosenkov G.L., Bury U.V., Mitroshenkova A.E., Karpenko T.A., Osmanov R.M., Kozlova M.V., Gavrilova T.M., Senator S.A., Khomutovskiy M.I., Borovichev E.A., Filippov I.V., Ponomarenko S.V., Shumikhina E.A., Lyskov D.F., Belyakov E.A., Kozhin M.N., Poryadin L.S., Leostrin A.V. (2020) "Flora of Russia" on iNaturalist: a dataset. *Biodiversity Data Journal*, Vol. 8: e59249.
<https://doi.org/10.3897/BDJ.8.e59249>

Kosterin, O.E. 2020. First data on Odonata of Prey Long forest in Cambodian Lowland. *International Dragonfly Fund Report*. Vol. 154. P. 1-28.

Kosterin, O.E. 2020. Odonata of the great Lake Tonle Sap of Cambodia, as examined in 2017-2019. *International Dragonfly Fund Report*. Vol. 154. P. 29-98.

Kosterin, O.E., Smith, E. 2020. Odonata of Phnom Kulen Mts, Cambodia: a preliminary checklist. *International Dragonfly Fund Report*. Vol. 154. P. 99-184.

Kosterin, O.E. 2020. Miscellaneous faunal data on Odonata of Cambodia. // *International Dragonfly Fund Report*. Vol. 154. P. 185-224.

Kosterin, O.E. 2019. Occasional photographic records of butterflies (Lepidoptera, Papilionoidea) in Cambodia. 3. Pursat, Siem Reap, Preah Vihear and Stung Treng Provinces in western, north-western and northern Cambodia. // *Acta Biologica Sibirica*. Vol. 6, p. 293-338.
<http://dx.doi.org/10.3897/abs.6.e53770>

Kosterin O.E. 2020. [Fauna of dragonflies (Odonata) and butterflies (Lepidoptera: Papilionoidea) of the Shlyuzovskoy forest-bog complex]. In N.P. Mironycheva-Tokareva (ed.) [Unique Nature Monument, "Skazochnyy" Shlyuzovskoy Forest-Bog Complex. Ecology and Protection. Materials of the regional scientific-practical conference, 19th April 2018]. Okarina, Novosibirsk, pp. 78-88 (in Russian)

Kosterin, O.E. 2020. A misleading representation of the Asian distribution of a most intriguing dragonfly, *Somatochlora sahlbergi* Trybom, 1889: a critique of Kohli et al. (2018). // *Odonatologica*. Vol. 49. Issue 1/2. P. 51-56.
<https://doi.org/10.5281/zenodo.3823327>

Shatskaya N.V., Bogdanova V.S., Kosterin O.E., Vasiliev G.V., Kimeklis A.K., Andronov E.E., Provorov N.A. 2019. The plastid and mitochondrial genomes

of *Vavilovia formosa* (Stev.) Fed. and the phylogeny of related legume genera.
// Vavilov Journal of Genetics and Breeding Vol. 23. No. 8. P. 972-980.
<https://doi.org/10.18699/VJ19.574>

Kosterin O.E., Bogdanova V.S., Galieva E.R. 2019. Reciprocal compatibility within the genus *Pisum* L. as studied in F1 hybrids: 1. Crosses involving *P. fulvum* Sibth. et Smith. // Genetic Resources and Crop Evolution Vol. 66. No. 2. P. 383-399.
<https://doi.org/10.1007/s10722-018-0714-6>

Kosterin, O.E. 2019. Occasional photographic records of butterflies (Lepidoptera, Papilionoidea) in Cambodia. 2. Ratanakiri and Mondulakiri Provinces of Eastern Cambodia, 2013-2018. // Acta Biologica Sibirica, Vol. 5, Issue 4, p. 21-37.
<http://dx.doi.org/10.14258/abs.v5.i4.6816>

Kosterin, O.E. 2019. Description of a female and variation of *Microgomphus alani* Kosterin, 2016 (Odonata: Gomphidae) in Cambodia, with a note on sexual dimorphism in *Microgomphus* spp. // Zootaxa. Vol. 4701. Issue 3. P. 276-290.
<http://dx.doi.org/10.11646/zootaxa.4701.3.4>

Kosterin, O.E., Priydak, N.V., Otmakhov, Y.S., Shauro, D.N. 2019. New findings of rare vascular plants in Novosibirsk. // Acta Biologica Sibirica, Vol. 5, Issue 3, p. 146-154 (in Russian; English summary).
<http://dx.doi.org/10.14258/abs.v5.i3.6536>

Kosterin, O.E. 2019. Odonatological results of a trip across the southern Far East of Russia in the first half of July 2014. International Dragonfly Fund Report. Vol. 136. P. 1-65.

Kosterin, O.E. 2019. Amendments and updates to F.C. Fraser's key to Indian *Lestes* spp. (Odonata: Lestidae) to resolve confusion of *L. patricia* Fraser, 1924 and *L. nigriceps* Fraser, 1924, with notes on *L. nodalis* Selys 1891 and *L. garoensis* Lahiri, 1987. Zootaxa. Vol. 4671. Issue 2. P. 297-300.
<http://dx.doi.org/10.11646/zootaxa.4671.2.12>

Kosterin, O.E., Gribkov, A.V. 2019. The first record of *Libellula depressa* Linnaeus, 1758 (Odonata: Libellulidae) in Siberia, Russia. Acta Biologica Sibirica. 5 (2): 30-32.
<http://dx.doi.org/10.14258/abs.v5.i2.5928>

Kosterin, O.E. 2019. New synonyms and a new subspecies of *Macrogomphus* Selys, 1858 (Odonata: Gomphidae) from continental south-east Asia. // Zootaxa. Vol. 4615. Issue 1. P. 057-090.
<http://dx.doi.org/10.11646/zootaxa.4615.1.3>

Kosterin, O.E. 2019. On Odonata of Phnom Tumpor (Cambodia) in the late dry season (March 2019). // International Dragonfly Fund Report. Vol. 132. P. 1-26.

Malikova, E.I., Kosterin, O.E. 2019. Check-list of Odonata of the Russian Federation. // Odonatologica. Vol. 48. Issue 1/2. P. 49-78.

<http://dx.doi.org/10.5281/zenodo.2677689>

Kosterin, O.E. 2019. Update of 2017-2018 to Odonata of Kampong Saom Peninsula, Cambodia. // International Dragonfly Fund Report. Vol. 129. P. 1-24.

Kosterin, O.E. 2019. Occasional photographic records of butterflies (Lepidoptera, Papilionoidea) in Cambodia. 1. The coastal Cardamom foothills (SW Cambodia), 2010-2018. Acta Biologica Sibirica, Vol. 5, Issue 1, p. 84-105.

<http://dx.doi.org/10.14258/abs.v5.i1.5196>

Kosterin O.E., Garrison, R., Kompier, T., Farrell, D. 2019. Taxonomical notes on *Indolestes* (Lestidae, Zygoptera). 3. Male and clarified type locality of *Indolestes anomalus* Fraser, 1946. Zootaxa, Vol. 4555, Issue 1, p. 67-78.

<http://dx.doi.org/10.11646/zootaxa.4555.1.5>

Hämäläinen, M., Kosterin O.E., Kompier, T. 2019. *Euphaea cyanopogon* sp. nov. from the Cardamom ecoregion in Cambodia and Vietnam (Odonata: Euphaeidae). Zootaxa, Vol. 4555, Issue 1, p. 28-44.

<http://dx.doi.org/10.11646/zootaxa.4555.1.2>

Bogdanova VS, Mglinets AV, Shatskaya NV, Kosterin OE, Solovyev VI, Vasiliev GV. 2018. Discordant evolution of cellular genomes in peas (*Pisum* L.) as evidenced from complete sequences of plastid genomes and partial sequences of mitochondrial genomes. // Bioinformatics of Genome Regulation and Structure \ Systems Biology (BGRS|SB - 2018), 20-25 August, 2018, Novosibirsk, Russia. Abstracts, p. 148.

doi: 10.18699/bgrssb-2018-123

Bogdanova, V.S., Mglinets, A.V., Shatskaya, N.V., Kosterin, O.E., Solovyev, V.I., Vasiliev, G.V. 2018. Cryptic divergences in the genus *Pisum* L. (peas), as revealed by phylogenetic analysis of plastid genomes. // Molecular Phylogeny and Evolution. Vol. 129. P. 280-290.

<https://doi.org/10.1016/j.ympev.2018.09.002>

Kosterin, O.E., Bogdanova, V.S. 2018. Obscuring the routes: confused data cannot reveal phylogeography of pea crop wild relatives (refutation to ‘Genomic diversity and macroecology of the crop wild relatives of domesticated pea’ by Smýkal *et al.* 2017) // Acta Biologica Sibirica. Vol. 4. Issue 3. P. 66-68.

<http://dx.doi.org/10.14258/abs.v4i3.4371>

Kosterin, O.E. 2018. Rediscovery of *Lestes nigriceps* Fraser, 1924 (Odonata: Lestidae) in eastern Cambodia. // Zootaxa. Vol. 4526. No. 4. P. 561-575.
<https://doi.org/10.11646/zootaxa.4526.4.8>

Kosterin, O.E., Chartier, G. 2018. More Odonata found at the Cardamomean foothills in Koh Kong Province of Cambodia in 2014-2018. International Dragonfly Fund Report. Vol. 123. P. 1-21.

Kosterin, O.E. 2018. *Macromidia genialis buusraaensis* subspecies nova (Odonata, Synthemisidae s.l.) from eastern Cambodia. International Dragonfly Fund Report. Vol. 121. P. 1-26.

Kosterin, O.E. 2018. Spring aspect of Odonata of the Abrau Peninsula, the Black Sea coast of the West Caucasus, as observed in May 2018. International Dragonfly Fund Report. Vol. 120. P. 1-13.

Kosterin O.E., Borisov S.N. 2018. New records and migration strategy of *Anax ephippiger* (Burmeister, 1839) (Odonata, Aeshnidae) in the territory of Russian Federation. // Euroasian Entomological Journal. Vol. 17. Issue 1. P. 73-79.
<http://dx.doi.org/10.15298/euroasentj.17.1.08>

Ivonin, V.V., Kosterin, O.E., Nikolaev, S.N., Yudina, M.A. 2018. Butterflies (Lepidoptera, Diurna) of Novosibirsk Oblast', Russia. 5. Updates and general discussion. // Euroasian Entomological Journal. Vol. 17. Issue 1. P. 25-52.
<http://dx.doi.org/10.15298/euroasentj.17.1.04>

Kosterin, O.E., Kompier, T. 2018. *Amphicnemis valentini* sp. nov. from the Cardamom ecoregion in Cambodia and Vietnam (Odonata: Coenagrionidae). // Zootaxa. Vol. 4429. No. 2. P. 281-294.
<https://doi.org/10.11646/zootaxa.4429.2.4>

Karube H., Kosterin, O.E. 2018. *Mattigomphus* gen. nov., a new gomphid genus from Indochina region, separated from *Anisogomphus* (Odonata: Gomphidae). // Tombo. Vol. 60. P. 61-65.

Kosterin, O.E., Ahmadi, A. 2018. Odonata observed in Central Zagros, Iran, in late May 2017. // International Dragonfly Fund Report. Vol. 117. P. 1-65.

Kosterin, O.E., Zaika, V.V. 2018. Update to the knowledge of Odonata of Tuva and southern Krasnoyarskiy Kray, Siberia, Russia. // International Dragonfly Fund Report. Vol. 113. P. 1-28.

Schorr, M., Kosterin, O.E., Borisov, S.N., Marinov, M. 2018. *Anormogomphus kiritshenkoi* Bartenev, 1913 (Odonata: Gomphidae): a literature review of the

variable spelling of the species epithet, choice of the correct spelling and notes on the type locality of the species. // Zootaxa. Vol. 4370. Issue 4. P. 439-445.
<https://doi.org/10.11646/zootaxa.4370.4.9>

Kosterin, O.E. 2018. Too pervert: an attempt of an interfamilial homosexual copulation wheel in damselflies. // Agrion, Vol. 22. Issue 1. P. 52-53.

Kosterin, O.E. 2017. On three cultivated subspecies of pea (*Pisum sativum* L.). // Vavilovskii Zhurnal Genetiki i Selekcii = Vavilov Journal of Genetics and Breeding. Vol. 21, Issue 6, p. 694-700.
<http://dx.doi.org/10.18699/VJ17.287>

Solovyev V.I., Dubatolov V.V., Vavilova V.Y., Kosterin O.E. 2017. Otsenka vremeni formirovaniya razobshchennykh arealov u palearkticheskikh lentochnikov Limenitis (Lepidoptera: Nymphalidae) [Estimate of time of formation of disjunctions in the Palaearctic admirals of the genus Limenitis (Lepidoptera: Nymphalidae)]. // Belyaev Conference. A triumphant event in commemoration of the centenary of the birth of Academician Dmitri Belyaev. Abstracts August 7-10, Novosibirsk, Russia. p. 37 (in Russian)

Zaytseva O.O., Bogdanova V.S., Mglinets A.V., Kosterin O.E. 2017. Refinement of the collection of wild peas (*Pisum* L.) and search for the area of pea domestication with a deletion in the plastidic *psbA-trnH* spacer. // Genetic Resources and Crop Evolution. Vol. 64. Issue 6. P. 1417-1430.
<http://dx.doi.org/10.1007/s10722-016-0446-4>

Kosterin O.E. 2017. Abyssinian pea (*Lathyrus schaeferi* Kosterin nom. nov. pro *Pisum abyssinicum* A. Br.) is a problematic taxon. // Vavilovskii Zhurnal Genetiki i Selekcii = Vavilov Journal of Genetics and Breeding. Vol. 21. Issue 2. P. 158-169 (in Russian, English summary)
DOI 10.18699/VJ17.234

English version: Kosterin, O.E. Abyssinian pea (*Lathyrus schaeferi* Kosterin pro *Pisum abyssinicum* A. Br.) – a problematic taxon. // Acta Biologica Sibirica. Vol. 3. No. 3. P. 97-110.
<http://dx.doi.org/10.14258/abs.v3i3.3621>

Ilinsky, Y., Kosterin, O.E. 2017. Molecular diversity of *Wolbachia* in Lepidoptera: prevalent allelic content and high recombination of MLST genes. // Molecular Phylogenetics and Evolution. Vol. 109. P. 164-179.
<http://dx.doi.org/10.1016/j.ympev.2016.12.034>

Grichanov, I.Y., Ahmadi, A., Kosterin O.E. 2017. New records of long-legged flies (Diptera, Dolichopodidae) from Central and North-Eastern Iran. // Acta Biologica Sibirica. Vol. 3. No. 4. P. 99-112.
<http://dx.doi.org/10.14258/abs.v3i4.3636>

Grichanov, I.Y., Kosterin O.E., Ahmadi, A. 2017. New records of long-legged flies (Diptera, Dolichopodidae) from Novosibirsk Region of Russia. // Acta Biologica Sibirica. Vol. 3, No. 4. P. 23-30.
<http://dx.doi.org/10.14258/abs.v3i4.3630>

Kosterin, O.E. 2017. Update to Odonata of the Black Sea coast of the western Caucasus, Russia. // International Dragonfly Fund Report. Vol. 110. P. 1-23.

Litvinskaya S.A., Kosterin O.E. 2017. Gorokh vysokiy *Pisum elatius* Bieb. 1808 [*P. sativum* L. subsp. *elatius* (M. Bieb.) Asch. et Graebn.]. // S.A. Litvinskaya (ed.) Krasnaya Kniga Krasnodarskogo Kraya. Rasteniya i griby. [Red Data Book of Krasnodarskiy Kray. Plants and Fungi]. 3rd edition. 2017. Krasnodarskiy Kray Administration, Krasnodar, p. 289-290. (In Russian).

Krasnaya Kniga Respubliki Altai. Zhivotnye [Red Data Book of Altai Republic. Animals]. 3rd edition. 2017. A.V. Bondarenko ed., Gorno-Altaysk, 368 p. Articles: A.V. Bondarenko, R.V. Yakovlev, O.E. Kosterin: *Erebia fletcheri* Elwes, 1899 (p. 63-64); *Oeneis aktashi* Lukhtanov, 1984 (p. 66-67); V.V. Dubatolov, O.E. Kosterin: *Eversmannia exornata* (Eversmann, 1837) (p. 79); O. E. Kosterin: *Sympetrum croceolum* Selys, 1883 (p. 33-35); *Anax parthenope* Selys, 1839 (p. 36-37); *Ischnura pumilio* Charpentier, 1825 (p. 37-38); *Nechalennia speciosa* Charpentier, 1840 (p. 39-41); *Neolycaena davidii* (Oberthur, 1881) (p. 72-74); O.E. Kosterin, V.V. Ivonin: *Polyommatus icadius* (Groum-Grshimailo, 1890) (p. 76-78); O.E. Kosterin, R.V. Yakovlev: *Hyponephele cadusina* (Staudinger, 1881) (p. 68-69); O.E. Kosterin, M.A. Lebedeva, R.V. Yakovlev, P.Y. Malkov: *Erebia kindermanni* Staudinger, 1881 (p. 61-63); O.E. Kosterin, R.V. Yakovlev, P.Y. Malkov, Y.P. Malkov, A.V. Bondarenko: *Parnassius clarius* (Lederer, 1853). (= *P. ariadne* (Eversmann, 1843) (p. 51-53); P.Y. Malkov, O.E. Kosterin, R.V. Yakovlev: *Neolycaena falkovitchi* Zhdanko et Korshunov, 1984 (p. 71-72); P.Y. Malkov, R.V. Yakovlev, O.E. Kosterin, Y.P. Malkov: *Damora sagana* (Doubleday, 1847) (p. 56-57); R.V. Yakovlev, O.E. Kosterin: *Oeneis elwesi* Staudinger, 1901 (p. 65-66); R.V. Yakovlev, O.E. Kosterin, A.V. Bondarenko, Y.P. Malkov: *Glaucopsyche argali* (Elwes, 1899) (p. 74-75); R.V. Yakovlev, P.Y. Malkov, A.V. Bondarenko, O.E. Kosterin, Y.P. Malkov, M.A. Lebedeva, O. P. Vozniichuk: *Parnassius apollo* (Linnaeus, 1758) (p. 48-51); A.Y. Haritonov, O.E. Kosterin: *Macromia amphigena fraenata* Martin, 1906 (p. 41-42). (In Russian)

Kosterin, O.E., Kompier. T. 2017. *Coeliccia rolandorum* sp. nov. from eastern Cambodia and southern Vietnam, the eastern relative of *C. kazukoae* Asahina, 1984 (Odonata: Platycnemididae). // Zootaxa, Vol. 4341, Issue 4, P. 509-527.
<https://doi.org/10.11646/zootaxa.4341.4.4>

Sasamoto A., Futahashi R., Kosterin O.E., Malikova E.I. 2017. Note on *Orthetrum melania* (Anisoptera: Libellulidae) from Kunashir Island with a reference to its subspecific status. // Tombo. Vol. 59. P. 74-76.

Kosterin, O.E., Solovyev V.I. 2017. Odonata found in mid-summer 2015 and 2016 at the north-westernmost Black Sea Coast of the Caucasus, with the first record of *Cordulegaster picta* Selys, 1854 in Russian Federation. // International Dragonfly Fund Report. Vol. 107. P. 1-43.

Kosterin, O.E. 2017. *Calopteryx virgo feminalis* subsp. nov., a long known under the same name but hitherto formally nameless subspecies from the Caucasian Black Sea Coast. // International Dragonfly Fund Report. Vol. 107. P. 45-57.

**Kosterin, O.E., Akimbekova N., Dubatolov V.V., Sivec I. 2017. A stonefly species extinct in Europe (*Taeniopteryx araneoides* Klapalek, 1902, Taeniopterygidae, Plecoptera) is thriving in the Irtysh River in West Siberia and North Kazakhstan. // Zootaxa. Vol. 4247. Issue 2. P. 141-148.
<https://doi.org/10.11646/zootaxa.4247.2.5>**

Kosterin, O.E. 2017. A short survey of Odonata in Stung Treng Province in northern Cambodia in mid-summer 2016. // International Dragonfly Fund Report. Vol. 105. P. 1-40.

Kosterin, O.E., Chartier, G. 2017. Update of 2014 and 2016 to Odonata found at the marshy coast of SW Cambodia including three species added for the country. International Dragonfly Fund Report. Vol. 101. P. 1-26.

Solovyev V.I., Dubatolov V.V., Kosterin O.E. 2016. Moleculyarnaya datirovka dzyunktsiy arealov nemoral'nykh palearkticheskikh lentochnikov *Limenitis* (Lepidoptera: Nymphalidae) [Molecular dating of range disjunctions of nemoral palaeartic admirals *Limenitis* (Lepidoptera: Nymphalidae)] // VII International School for Young Scientists on Molecular Genetics "Genomics and Biology of Living Systems » (14-18 November 2016, Zvenigorod, Russia), Moscow-Zvenigorod. p. 57 (in Russian)

Kosterin O.E. 2016. Osnovy genetiki. Chast' 2. Khromosomnye perestroiki, poliploidiya i aneuploidiya, mobil'nye geneticheskie elementy i geneticheskaya transformatsiya, genetika kolichestvennykh priznakov i populyatsionnaya genetika [Basics of Genetics. Part. 1. Chromosomal rearrangements, polyploidy and aneuploidy, mobil genetic elements and genetic transformation, genetics of quantitative traits and populational genetics]. Novosibirsk State University, Novosibirsk, 246 p. [in Russian]

Erratum: OLEG E. KOSTERIN (2016) Reconsideration of the genera *Merogomphus* Martin, 1904, and *Anisogomphus* Selys, 1857, including erection of

a new genus, with a new species and discussion of additional specimens from Cambodia. *Zootaxa* 4171: P. 051-076. // *Zootaxa*, Vol. 4196. Issue 4. P. 600-600. <http://doi.org/10.11646/zootaxa.4196.4.10>

Kosterin, O.E. 2016. A survey of Odonata of Mondulkiri, the elevated eastern province of Cambodia, for ten days in June 2014. International Dragonfly Fund Report. Vol. 98. P. 1-85.

Kosterin, O.E. 2016. *Coeliccia poungyi dasha* subsp. nov. (Odonata, Platycnemididae, Calicnemiinae) from eastern Cambodia. International Dragonfly Fund Report. Vol. 97. P. 1-16.

Tshikolovets V., O. Kosterin, P. Gorbunov, R. Yakovlev. 2016. The Butterflies of Kazakhstan (Lepidoptera, Rhopalocera). The butterflies of Palaearctic Asia XI. Vadim Tshikolovets Publications, Pardubice, 379 pp., 57 pl.

Kosterin, O.E. 2016b. Reconsideration of the genera *Merogomphus* Martin, 1904, and *Anisogomphus* Selys, 1857, including erection of a new genus, with a new species and discussion of additional specimens from Cambodia. // *Zootaxa*, Vol. 4171. Issue 1. P. 051-076. <http://doi.org/10.11646/zootaxa.4171.1.2>

Ivonin, V.V., O.E. Kosterin, S.L. Nikolaev. 2016. Butterflies (Lepidoptera, Diurna) of Novosibirskaya Oblast, Russia. 4. Nymphalidae, Satyrinae. Euroasian Entomological Journal 15 (2): 143-158. (In Russian)

Joshi, S., Kosterin, O.E., Kunte, K. 2016. New status for Fraser's forgotten *Aciagrion approximans krishna*, stat. nov. (Odonata: Zygoptera: Coenagrionidae) from the Western Ghats of India. // *International Journal of Odonatology*, Vol 19. No. 1-2. P. 41-51. <http://dx.doi.org/10.1080/13887890.2016.1166463>

Kosterin, O.E. 2016. *Microgomphus alani* (Odonata, Gomphidae) sp. nov. from Cambodia. // *Zootaxa*, Vol. 4114. Issue 3. P. 341-350. <http://doi.org/10.11646/zootaxa.4114.3.9>

Kosterin, O.E. & Yokoi N. 2016. *Asiagomphus reinhardti* sp. nov. (Odonata, Gomphidae) from eastern Cambodia and southern Laos. *Zootaxa* 4103(1): 35-42. <http://doi.org/10.11646/zootaxa.4103.1.3>

Kosterin O.E. 2015. Osnovy genetiki. Chast' 1. Osnovnye ponyatiya, opredelenie pola i smezhnye voprosy, geneticheskaya recombiniatsiya [Basics of Genetics. Part. 1. Basic concepts, sex determination and related subjects,

genetic recombination]. Novosibirsk State University, Novosibirsk, 410 p. [in Russian]

Kosterin O.E. 2015. Prospects of the use of wild relatives for pea (*Pisum sativum* L.) breeding. // Vavilovskii Zhurnal Genetiki i Seleksii = Vavilov Journal of Genetics and Breeding. Vol. 19. Iss. 2. P. 154-164 (in Russian).

<http://dx.doi.org/10.18699/VJ15.019>

English version:

Kosterin O.E. 2016. Prospects of the use of wild relatives for pea breeding. // Russian Journal of Genetics: Applied Research. Vol. 6. No. 3. P. 233-243.

<http://dx.doi.org/10.1134/S2079059716030047>

Solovyev V.I., Ilinsky Y., Kosterin O.E. 2015. Genetic integrity of four species of *Leptidea* (Pieridae, Lepidoptera) as sampled in sympatry in West Siberia // Comparative Cytogenetics. Vol. 9. Iss. 3. P. 299-324. doi: 10.3897/CompCytogen.v9i3.4636.

<http://dx.doi.org/10.3897/CompCytogen.v9i3.4636>

Solovyev V.I., Bogdanova V.S., Dubatolov V.V., Kosterin O.E. 2015. Range of a Palearctic uraniid moth *Eversmannia exornata* (Lepidoptera: Uraniidae: Epipleminae) was split in the Holocene, as evaluated using histone H1 and COI genes with reference to the Beringian disjunction in the genus *Oreta* (Lepidoptera: Drepanidae). // Organisms Diversity & Evolution. Vol. 15. No. 2. P. 285-300.

<http://dx.doi.org/10.1007/s13127-014-0195-1>

Kosterin O.E., Bogdanova V.S.. 2015. Reciprocal compatibility within the genus *Pisum* L. as studied in F1 hybrids: 1. Crosses involving *P. sativum* L. subsp. *sativum*. // Genetic Resources and Crop Evolution Vol. 62. No. 5. P. 691-709.

<http://dx.doi.org/10.1007/s10722-014-0189-z>

Kosterin O.E. 2015. Pea (*Pisum sativum* L.): the uneasy fate of the first genetical object. // Vavilov Journal of Genetics and Breedings. Vol. 19. Issue 1. P. 13-26. (in Russian).

<http://dx.doi.org/10.18699/VJ15.002>

English version:

Kosterin O.E. 2016. Under the reign of the Pea King (the difficult fate of the first genetical object. // Russian Journal of Genetics: Applied Research. Vol. 6. No. 1. P. 1-14.

<http://dx.doi.org/10.1134/S2079059716010081>

Bogdanova VS, Zaytseva OO, Mglinets AV, Shatskaya NV, Kosterin OE and Vasiliev GV. 2015. Nuclear-cytoplasmic conflict in pea (*Pisum sativum* L.) is associated with nuclear and plastidic candidate genes encoding Acetyl-CoA

carboxylase subunits. // PLoS ONE 10(3): e0119835.
<http://dx.doi.org/0.1371/journal.pone.0119835>

Zaytseva O.O., Gunbin K.V., Mglinets A.V., Kosterin O.E. 2015. Divergence and population traits in evolution of the genus *Pisum* L. as reconstructed using genes of two histone H1 subtypes showing different phylogenetic resolution. // *Gene*. – Vol. 556. – P. 235-244.
<http://dx.doi.org/10.1016/j.gene.2014.11.062>

Kosterin O.E. 2015. Dry season Odonata of the Cardamonean coast (Cambodia and Thailand) revisited. // International Dragonfly Fund Report. Vol. 89. P. 1-36.

Kosterin O.E. 2015. On the Odonata of North Kazakhstan Province. I. First data on Petropavlovsk. // International Dragonfly Fund Report. Vol. 86. P. 1-26.

Kosterin O.E. 2015. Odonata registered on a short excursion to Kyshtovka District, Novosibirsk Province. // International Dragonfly Fund Report. Vol. 86. P. 29-46.

Kosterin O.E. 2015. *Ischnura foylei* sp. nov. (Odonata, Coenagrionidae) from the highlands of Sumatra. // *Zootaxa*. Vol. 4032. Iss. 4. P. 179-189.
<http://dx.doi.org/10.11646/zootaxa.4032.2.2>

Kosterin O.E. 2015. *Prodasineura hoffmanni* sp. nov. (Odonata, Platycnemididae, Disparoneurinae) from eastern Cambodia. *Zootaxa*. Vol. 4027. Iss. 4. P. 565-577.
<http://dx.doi.org/10.11646/zootaxa.4027.4.6>

Dubatolov V.V., Kosterin O.E. 2015. Is *Triodia nubifer* (Lepidoptera, Hepialidae) the only pre- or interglacial relic species of Lepidoptera in the Altai-Sayan Mountain System? *Euroasian Entomological Journal* 14 (2): 134-138.

Zhang H.-m., Kosterin O.E., Cai C.-h. 2015. New species and records of *Burmagomphus* Williamson, 1907 (Odonata, Gomphidae) from China. // *Zootaxa*. Vol. 3999. Issue 1. P. 62-78.
<http://dx.doi.org/10.11646/zootaxa.3999.1.4>

Kosterin O.E. 2015. *Onychargia priydak* sp. nov. (Odonata, Platycnemididae) from eastern Cambodia. // *International Journal of Odonatology*. Vol. 18. Iss. 2. P. 157-168
<http://dx.doi.org/10.1080/13887890.2015.1030786>

Kosterin O.E. 2015. Taxonomic and faunal notes on *Macromia* Rambur, 1842 from Cambodia (Odonata: Macromiidae). *Odonatologica* 44: 117-151

Kosterin O.E. 2015. *Risiphlebia guentheri* sp. nov. (Odonata, Libellulidae) from southeastern Indochina. Zootaxa 3964: 138-145.
<http://dx.doi.org/10.11646/zootaxa.3964.1.10>

Kosterin O.E., H. Karube, R. Futahashi. 2015. Two new subspecies of *Hemicordulia tenera* Lieftinck, 1930 (Corduliidae) from Cambodia and Thailand. // International Dragonfly Fund – Report – Vol. 82 – P. 1-19.

Kosterin O.E., R. Poggi. 2015. Taxonomical notes on *Indolestes* Fraser, 1922 (Lestidae, Zygoptera). 2. *Indolestes birmanus* (Selys, 1891) is bona species. // International Dragonfly Fund – Report 81: 13-20.

Kosterin O.E. 2015. Taxonomical notes on *Indolestes* Fraser, 1922 (Lestidae, Zygoptera). 1. *Indolestes gracilis expressior* ssp. nov. from eastern Cambodia. // International Dragonfly Fund – Report 81: 1-11.

Kosterin O.E. 2014. The lost ancestor or the broad bean (*Vicia faba* L.) and the origin of plant cultivation in the Near East. // Vavilov Journal of Genetics and Breeding. Vol. 18. № 4-1. P. 831-840.
<http://dx.doi.org/10.18699/VJ15.118>

Kosterin OE, Bogdanova VS. 2014. Pea (*Pisum* L.) accessions differ in the stage of flower development best for pollination. Vavilov Journal of Genetics and Breeding 18: 478-485 (in Russian).

Bogdanova VS., OE Kosterin, AK Yadrikhinskiy, 2014. Wild peas vary in their cross-compatibility with cultivated pea (*Pisum sativum* subsp. *sativum* L.) depending on alleles of a nuclear-cytoplasmic incompatibility locus. Theoretical and Applied Genetics 127: 1163-1172.
<http://dx.doi.org/10.1007/s00122-014-2288-9>

Kosterin OE, Bogdanova VS. 2014. Efficiency of hand pollination in different pea (*Pisum*) species and subspecies. The Indian Journal of Genetics and Plant Breeding 74: 50-55.

Zhimulev, I.F., Shnayder E.P., Andreenkova N.G., Tsybulin S.M., Ravkin Yu.S., Shtol F.D., Dolbak E.A., Zhimulev E.I., Deeva T.A., Kosterin O.E., Zhukov V.S., Vartapetov L.G. 2014. [On the birds of Novosibirsk Academy Town]. Materials on the Bird Distributions in the Urals, Priuralye and Western Siberia 19: 37-46 (in Russian).

Borisov, S.N., Kosterin O.E. Dragonflies and damselflies (Odonata) of north-eastern Kazakhstan. Euroasian Entomological Journal 13 (4): 339-345.

Borisov, S.N., Kosterin O.E. 2014. On the fauna of Odonata of Chukotka and other northern regions of the Holarctic. Euroasian Entomological Journal 13 (4): 315-320.

**Kosterin OE, Constant J, Wilson KDP. 2014. Neotype of *Pseudagrion approximans* Selys, 1867 designated to resolve a nomenclatorial confusion in the genus *Aciagrion* Selys, 1891 (Odonata: Coenagrionidae) // International Journal of Odonatology 17: 161-172.
<http://dx.doi.org/10.1080/13887890.2014.959075>**

Kosterin, O.E., G. Chartier. 2014. Two more Odonata species recorded from Cambodia. Cambodian Journal of Natural History 2014: 8-11

Andreenkova, N.G., O.V. Andreenkov, S.V. Bogdanov, V.S. Bogdanova, T.M., Bulyonkova, N.I. Germogenov, E.I. Zhimulev, I.F. Zhimulev, F.I. Zhimulev, I.V. Karyakin, A.V. Kovalenko, T.D. Kolesnikova, S.A. Kopyl, O.E. Kosterin, M.V. Kostin, F.P. Levashkin, A.A. Maslov, A.A. Medvedev, D.V. Petrovskiy, R.O. Sin'kov, I.V. Filippov, E.P. Shnayder, D.A. Shtol'. 2014. Ptitsy Novosibirskogo Akademgorodka [Birds of Novosibirsk Academy Town]. Publischers of Siberian Branch of Russian Academy of Sciences, Novosibirsk, 328 p. (in Russian)

Kosterin, O.E. 2014. Odonata briefly observed on the islands of Bali and Lombok, Lesser Sundas, Indonesia, in the late February 2014. International Dragonfly Fund Report 74: 1-48.

Kosterin, O.E. 2014. Notes on infraspecific variation of some Gomphidae (Odonata) species in Cambodia. International Dragonfly Fund Report 68: 1-16.

Kosterin, O.E. 2014. Odonata of the south-west and north-east of Cambodia as studied in early rainy season of 2013. International Dragonfly Fund Report 67: 1-94.

Kosterin, O.E., V.S. Bogdanova. 2013. [Study of reproductive compatibility of representatives of the genus *Pisum* L. in reciprocal crosses by diallele scheme] // ASG&S Conference 'Problems of Genetics and Selection', Novosibirsk, July 1-7, 2013; scientific programme and abstracts, p. 28 (in Russian).

Zaytseva O.O., K.V. Gunbin, O.E. Kosterin. 2013. [Estimation of divergency time and population dynamics in the genus *Pisum* L. using histone H1 genes] // ASG&S Conference 'Problems of Genetics and Selection', Novosibirsk, July 1-7, 2013; scientific programme and abstracts, p. 24 (in Russian).

Smýkal, P., O. Kosterin. 2013. Introgression lines of wild *Pisum fulvum* in cultivated pea (*P. sativum*) genetic background, as a tool to broaden genetic

diversity. // First Legume Society Conference 2013: A Legume Odyssey, Novi Sad, Serbia. Book of Abstracts, p. 102.

Popova, O.N., S.N. Borisov, O.E. Kosterin, B. Kiauta. 2013. Obituary. Anatoly Yuryevich Haritonov. *Odonatologica* – Vol. 42 – pp. 409-425.

Kosterin O.E. 2013. *Somatochlora arctica* (Zett.) seems to migrate to escape wildfires (Anisoptera, Corduliidae). *Notulae odonatologicae* – Vol. 8 – pp. 35-36.

Kosterin, O.E., E.P. Shnayder, O.V. Andreenkov. 2013. [Occupancy of Akademgorodok by beavers (*Castor fiber*)]. In: I.F. Zhimulev (ed.), *Dinamika ekosistem Novosibirskogo Akademgorodka* [Dynamics of Ecosystems of Novosibirsk Academy Town], SO RAN Press, p. 334-344 (in Russian).

Kosterin O.E. 2013. [New data on dragonflies and damselflies (Odonata) of Akademgorodok and its surroundings.]. In: I.F. Zhimulev (ed.), *Dinamika ekosistem Novosibirskogo Akademgorodka* [Dynamics of Ecosystems of Novosibirsk Academy Town], SO RAN Press, p. 204-209 (in Russian).

Medvedev, A.F., O.E. Kosterin, E.I. Malikova, W. Schneider. 2013. Description date of *Somatochlora exuberata* Bartenev, *Leucorrhinia intermedia* Bartenev and *Sympetrum vulgatum grandis* Bartenev, the fate of A.N. Bartenev's type specimens and designation of the lectotype of *L. intermedia* (Anisoptera: Corduliidae, Libellulidae). *Odonatologica* – Vol. 42 – pp. 211-228.

Ivonin, V.V., O.E. Kosterin, S.L. Nikolaev. 2013. Butterflies (Lepidoptera, Diurna) of Novosibirskaya Oblast, Russia. 3. Nymphalidae (without Satyrinae). *Euroasian Entomological Journal* 12 (2): 177-199. (In Russian)

Kosterin O.E. 2013. Brief Odonata survey in North Ethiopia during heavy rainy season of 2012 // *International Dragonfly Fund Report*, Vol. 56, pp. 1-54.

Zaytseva, O.O., O.E. Kosterin, V.S. Bogdanova. 2012. Histone H1 subtype 5 and 7 genes differ in phylogenetic resolution in peas (*Pisum L.*). // 16th Evolutionary Biology Meeting at Marceilles, September 18th-21st, 2012, Abstracts, p. 120.

Kosterin, O.E., V.S. Bogdanova, A.A. Kechin, O.O. Zaytseva, A.K. Yadrikhinskiy. 2012. Polymorphism in a histone H1 subtype with a short N-terminal domain in three legume species (Fabaceae, Fabaeae). // *Molecular Biology Repots*, Vol. 39, pp. 10681-10695. DOI 10.1007/s11033-012-1959-3

Zaytseva O.O., Bogdanova V.S, Kosterin O.E. 2012. Phylogenetic reconstruction at the species and intraspecies levels in the genus *Pisum* (L.) (peas) using a histone H1 gene. // *Gene*, Vol. 504, pp. 192–202.
[doi:10.1016/j.gene.2012.05.026](https://doi.org/10.1016/j.gene.2012.05.026)

Bogdanova, V.S., E.R. Galieva, A.K. Yadrikhinskiy, O.E. Kosterin. 2012. Inheritance and genetic mapping of two nuclear genes involved in nuclear-cytoplasmic incompatibility in peas (*Pisum sativum* L.). // *Theor. Appl. Genet.*, Vol. 124, pp. 1503-1512.
[http://dx.doi.org/ 10.1007/s00122-012-1804-z](http://dx.doi.org/10.1007/s00122-012-1804-z)

Vishnyakov, E.V., A.N. Tarabarko, V.E. Kirilyuk et al. (eds.) 2012. Krasnaya Kniga Zabaykal'skogo Kraya. Zhivotnye [Red Data Book of Zabaykal'skiy Kray. Animals.] – Novosibirsk Printing House, Novosibirsk, 344 p. Articles: Kosterin, O.E., A.F. Medvedev: *Anisogomphus maacki* (Selys, 1872) – p. 243-244; *Anax parthenope* Selys, 1839 – p. 245-246; Kosterin, O.E., E.A. Maksimenko. *Somatochlora sahlbergi* Trybom, 1889 – p. 246-247; Kosterin O.E., O.V. Korsun. *Pantala flavescens* (Fabricius, 1798) – p. 249-250 (in Russian).

Skalon N.V. (ed.). 2012. Krasnaya Kinga Kemerovskoi oblasti. T. 2. Redkie i nakhodyashchiesya pod ugrozoi ischeznoveniya vidy zhivotnykh. [Red Data Book of Kemerovo Province. V. 2. Rare and threatened animal species] – Asia-Print, Kemerovo, 192 p. Articles: Dronzikova, M.V., O.E. Kosterin, T.N. Skalon: *Calopteryx japonica* Selys, 1869 – p. 23; *Anax parthenope* (Selys, 1839) – p. 24; Skalon, T.N., O.E. Kosterin, N.V. Skalon: *Gomphus vulgatissimus* (Linnaeus, 1758) – p. 26 (in Russian).

Kosterin, O.E., G. Chartier, J. Holden, F.S. Mey. 2012. New records of Odonata from Cambodia, based mostly on photographs. // *Cambodian Journal of Natural History*, Vol. 2012, pp. 150-163.

Kosterin, O.E., N. Makbun, P. Dawwrueng. 2012. *Burmagomphus asahinai* sp. nov., a new species from Cambodia and Thailand, with a description of the male of *B. graciosus* Chaoi, 1954. // *International Journal of Odonatology*, Vol. 15, pp. 275-292.
<http://dx.doi.org/10.1080/13887890.2012.733912>

Kosterin O.E. 2012. A rapid survey of Odonata on Bokor Plateau, Preah Monivong National Park, Cambodia. // *Cambodian Journal of Natural History*, Vol. 2012, pp. 75-86.

Kosterin O. 2012. Odonata of the Cambodian coastal regions in late rainy season of 2011. // *International Dragonfly Fund Report*, Vol. 45, pp. 1-102.

Day, L., D. Farrell, A. Guenther, M. Hämäläinen, E. Klimsa, A. Korshunov, O. Kosterin, N. Makbun, A. Pelegrin, U. Roeder, R. Ruangrong, N. Vikhrev. 2012. New provincial records of Odonata from Thailand mostly based on photographs. Agrion 16: 16-24.

Kosterin, O.E., J. Holden. 2011. Some photographic records of Odonata in Cambodia. International Dragonfly Fund Report 42: 1-6.

Kosterin, O.E., V.V. Zaika. 2011. Fauna of dragonflies and damselflies (Odonata) of Tuva. // Amurian Zoological Journal 3: 210-245 (in Russian)

Kosterin, O. E. 2011. Odonata of the Cambodian coastal regions revisited: beginning of dry season 2010. International Dragonfly Fund Report 40: 1-108.

Kosterin, O.E., N.V. Skalon, T.N. Skalon. 2011. Interesting findings of Odonata in the Kuznetskiy Alatau Mts. north-eastern foothills. Amurian Zoological Journal 3: 124-127

Ivonin, V.V., O.E. Kosterin, S.L. Nikolaev. 2011. Butterflies (Lepidoptera, Diurna) of Novosibirskaya Oblast. 2. Lycaenidae. Euroasian Entomological Journal 10 (2): 217-242.

Kosterin, O., N. Vikhrev, V. Zinchenko, A. Korshunov. 2011. More Odonata records from Thailand. Agrion 15: 12-16.

Smýkal, P., O. Kosterin. 2010. Towards introgression library carrying wild pea (*Pisum fulvum*) segments in cultivated pea (*Pisum sativum* subsp. *sativum* L.) genome background. // Vth International Congress on Legume Genetics and Genomics, Alisomar, July 2-8, 2010. Abstract book. p. 36.

Solovyov, V.I., O.E. Kosterin. 2010. [Estimation of the time of range disjunctions in *Eversmannia exornata* with the use of a histone H1 gene] // IV International School of Young Scientists on Molecular Genetics "Genomics and Cell Biology" November 29 – December 3, 2010, Moscow-Zvenigorod. Abstracts. p. 192-193. (in Russian)

Zaytseva, O.O., O.E. Kosterin, V.S. Bogdanova. 2010. [Analysis of phylogenetic relationships in the genus *Pisum* L. with the use of a histone H1 gene] // IV International School of Young Scientists on Molecular Genetics "Genomics and Cell Biology" November 29 – December 3, 2010 r., Moscow-Zvenigorod. Abstracts. p. 88-89. (in Russian)

Smýkal P., Kenicer G., Flavell A.J., Corander J., Kosterin O., Redden R.J., Ford R., Coyne C.J., Maxted N., Ambrose M.J. and Ellis N.T.H. Phylogeny,

phylogeography and genetic diversity of the *Pisum* genus. // Plant Genetic Resources: Characterization and Utilization, vol. 2010, pp. 1-15.

doi:10.1017/S147926211000033X

Zaytseva O.O., O.E. Kosterin, V.S. Bogdanova. 2010. Phylogenetic relationships of wild and cultivated peas as inferred from His5 gene sequences. //14th Evolutionary Biology Meeting and Marseilles, September 21st - 24th, 2010. Abstract PP5.

Bogdanova, V. S., E. R. Galieva, O. E. Kosterin. 2010. Genetic analysis of nuclear-cytoplasm incompatibility in *Pisum*. The International Conference Plant Genetics, Genomics and Biotechnology, June 7-10, 2010. Abstract book, p. 52.

Kosterin, O. E., V. S. Bogdanova, O. O. Zaytseva. 2010. Phylogeography of wild representatives of *Pisum sativum* L. The International Conference Plant Genetics, Genomics and Biotechnology, June 7-10, 2010. Abstract book, p. 32.

Kosterin O. E., Zaytseva O. O., Bogdanova V. S. , Ambrose M. 2010. New data on three molecular markers from different cellular genomes in Mediterranean accessions reveal new insights into phylogeography of *Pisum sativum* L. subsp. *elatuis* (Beib.) Schmahl. Genet. Resources and crop evolution, 2010 57: 733-739.

DOI 10.1007/s10722-009-9511-6

Zaytseva, O. O., O. E. Kosterin, V. S. Bogdanova. 2010. Phylogenetic relationships of wild and cultivated peas as inferred from His5 gene sequences. 2nd Moscow International Conference "Molecular Phylogenetics" (MolPhy-2) May 18-21, 2010. Abstracts. p. 76.

Rud'ko, G.K., O.E. Kosterin. 2010. Record of Meadow Brown *Maniola jurtina* (Linnaeus, 1758) (Satyriae, Lepidoptera) in Novosibirsk Province. Altai Zoological Journal, issue 4, p. 31-32 (in Russian).

Kosterin, O.E., V.V. Zaika. 2010. Odonata of Tuva, Russia. International Journal of Odonatology 13: 277-328.

Kosterin, O.E. 2010. A glance at the Odonata of the Cambodian coastal regions: end of dry season in 2010. International Dragonfly Fund Report 29: 1-75.

Dubatolov, V.V., O.E. Kosterin. 2010. What is Matveev's Fritillary (*Clossiana matveevi* P. Gorbunov et Korshunov in Korshunov, Gorbunov, 1995)? // Amurian zoological journal 2 (2): 184-188 (in Russian).

Kosterin, O.E., S.N. Borisov. 2010. Dragonflies (Odonata) of the Dzhungarskiy Alatau mountains, South-East Kazakhstan. Eurasian Entomological Journal 9: 299-302. (in Russian)

Kosterin, O. E. 2010. Siberian taxonomical problems concerning European odonate species. 1st European Congress on Odonatology, Programme and abstracts, 2-5 July, Vaira~o - Vila do Conde, Portugal, p. 28.

Kosterin, O. E., P. G. Gorbunov. Notes on the Odonata fauna of Kazakhstan, including the first record of *Ischnura evansi* Morton (Zygoptera: Coenagrionidae). // Notulae odonatologicae, 2010, 7: 45-48.

Bernard, B., O. E. Kosterin. Biogeographical and ecological description of Odonata of eastern Vasyugan Plain, West Siberia, Russia. Odonatologica, 2010, 39: 1-28.

Smýkal, P., G. Kenicer, A.J. Flawell, O. Kosterin, N.T.H. Ellis, M.J. Ambrose. 2009. Morphological and molecular relationship in *Pisum* L. Grain legumes 52: 22-23.

Zaytseva O. O., O. E. Kosterin, V. S. Bogdanova. 2009. Analysis of phylogenetic relationships of cultivated and wild representatives of the genus *Pisum* based on nucleotide sequences of a histone H1 gene. XII All-Russian young scientists school-conference on actual problems of chemistry and biology, September 7-14, 2009, Vladivostok. Abstracts. 25 pages.

Kosterin, O. E. T. D. Kolesnikova. 2009. What Darwin wrote about? The Herald of Vavilov Society for Geneticists and Breeding Scientists 13 (2): 448-479 (in Russian).

Bogdanova V. S., E. R. Galieva, O. E. Kosterin. 2009. Genetic analysis of nuclear-cytoplasmic incompatibility in pea associated with cytoplasm of an accession of wild subspecies *Pisum sativum* subsp. *elatus* (Bieb.) Schmahl. Theor. Appl. Genet. 118 (4): 801-809.

<http://dx.doi.org/10.1007/s00122-008-0940-y>

Kosterin O.E., Galieva E.R., Bogdanova V.S. 2009. The first record of tetrasomy in pea (*Pisum sativum* L.). Euphytica, v. 166, pp. 109-121. DOI 10.1007/s10681-008-9843-x

Zhimulev, I. F., N. G. Andreenkova, O. V. Andreenkov, E. P. Schneider, O. E. Kosterin, D. A. Shtol', Y. N. Ravkin, S. N. Tsybulin, I. V. Filippov, K. O. Sin'kov, E. I. Zhimulev, A. A. Chepurov, S. A. Kopyl, N. V. Priyda, V. S. Zhukov, L. G. Vartapetov, P. S. Kolesnikov, 2009. Novye dannye o ptitsakh okrestnostey Akademgorodka [New data on birds of the environs of Novosibirsk Academy

Town]. In: Materialy k rasprostraneniyu ptits na Urale, v Priuralye i Zapadnoi Sibiri [Materials on distribution of birds in Ural, Priuralye and West Siberia], issue 13. Ekaterinburg University Press, Ekaterinburg, p. 45-53. (in Russian)

Tshikolovets, V., R. Yakovlev, O. Kosterin. 2009. The Butterflies of Altai, Sayans and Tuva. Series "The Butterflies of Palaearctic Asia", Vol. 7, 374 pp., 48 colour plates.

Kosterin, O. E. 2009. Observation of flying activity of *Ophiogomphus spinicornis* Selys, 1978 (Insecta, Odonata. Gomphidae) in Shiveelig-Khem River plain, Ubsunur Hollow, Southern Tuva. - In: Nature of Ubsu-Nur Hollow Reserve. Transaction of "Ubsunur Depression" State Biospheric Reserve. Issue 1, Darma Press, Krasnoyarsk, p. 226-232. (in Russian)

Kosterin, O. E. 2009. Data of 1990 and 2000 expeditions on butterfly (Lepidoptera, Diurna) fauna of the Ubsu-Nur intermontane hollow within Tyva Republic. - In: Nature of Ubsu-Nur Hollow Reserve. Transactions of "Ubsunur Depression" State Biospheric Reserve. Issue 1, Darma Press, Krasnoyarsk, p. 212-225. (in Russian)

Kosterin, O., N. Vikhrev. 2009. Some new provincial records of Odonata made in Thailand in 2007-2009 and a new record for Vietnam. - Agrion 13 (2): 75-79.

Ivonin, V. V., O. E. Kosterin, S. L. Nikolaev. 2009. Butterflies (Lepidoptera, Diurna) of Novosibirsk Province. 1. HesperIIDae, Papilionidae, Pieridae. - Euroasian Entomological Journal 8 (1): 85-104. (in Russian)

Kosterin, O. E., I. I. Lyubchanskii. 2009. Odonata collection from the Bureinskii State Nature Reserve, Khabarovskii Krai, Russia. - Notulae odonatologicae 7 (3): 25-27.

Kosterin, O. E., L. V. Sivtseva. 2009. Odonata of Yakutia (Russia) with description of *Calopteryx splendens njuja* ssp. nov. (Zygoptera: Calopterygidae). - Odonatologica 38 (2): 93-202.

Kosterin, O. E., V. S. Bogdanova, F. L. Gorel, V. A. Berdnikov. 2008. Trisomics of pea (*Pisum sativum* L.) demonstrate an easy response to selection for increased fertility. Doklady Akademii Nauk, 423 (3): 417-420.

Kosterin, O. E. 2008. Obshchaya biologiya. Lektsii dlya psikhologov. [General Biology. Lectures for psychologists] - Novosibirsk State University, Novosibirsk - 386 p. [in Russian]

Kosterin, O. E., V. S. Bogdanova. 2008. Relationship of wild and cultivated forms of *Pisum* L. as inferred from an analysis of three markers, of the

plastid, mitochondrial and nuclear genomes. - Genetic Resources and Crop Evolution 55 (5) 735-755.

<http://dx.doi.org/10.1007/s10722-007-9281-y>

Krasnaya Kinga Novosibirskoi oblasti [Red Data Book of Novosibirsk Province], 2nd edition, V. A. Yudkin, D. N. Shaulo (eds.), Arta, Novosibirsk, 2008, 528 p. (in Russian). Papers: Dubatolov, V. V., O. E. Kosterin - *Mellicta plotina standeli* Dubatolov, 1997 - p. 65; *Proserpinus proserpina* (Pallas, 1772) - p. 80; Dubatolov, V. V., O. E. Kosterin, V. V. Ivonin - *Parnassius apollo* (Linnaeus, 1758) - p. 61-62; *Eudia pavonia* (Linnaeus, 1758) - p. 81; *Eversmannia exornata* (Eversmann, 1873) - p. 82; Kosterin, O. E., O. G. Berezina, V. V. Ivonin - *Erebia jennisseiensis* (Trybom, 1877); Kosterin O. E., V. V. Dubatolov - *Damora sagana relicta* Korshunov, 1984; Kosterin, O. E. & V. V. Ivonin - *Erebia cyclopia* (Eversmann, 1844), c. 72-73; Krasnoborov, I. M., O. E. Kosterin - *Asplenium septentrionale* (L.) Hoffm. (1753) - p. 428; Krasnoborov, I. M., O. E. Kosterin, O. G. Berezina - *Ephedra distachya* L. (1753) - p. 412; Lomonosova. M. N., A. S. Erst, O. E. Kosterin - *Ranunculus polyphyllus* Waldst. et Kit. ex Willd. (1800) - p. 402. (in Russian)

Kosterin O. E. 2008. Records of *Erebia kefersteinii* (Satyridae, Lepidoptera) at moderate elevations in West Altai and Kuznetskii Alatau. - Altai Zoological Journal 2: 95-97 (in Russian)

Zhimulev, I. F., T. D. Kolesnikova, O. E. Kosterin, N. G. Andreenkova, O. V. Andreev, E. P. Schneider, S. N. Tsybulin, Y. N. Ravkin, F. I. Zhimulev, E. G. Nikolenko, 2008. Materialy k rasprostraneniyu ptits v okrestnostyakh Novosibirskogo Akademgorodka [Materials on distribution of birds in the environs of Novosibirsk Academy Town]. - In: Materialy k rasprostraneniyu ptits na Urale, v Priuralye i Zapadnoi Sibiri [Materials on distribution of birds in Ural, Priuralye and West Siberia], issue 13. Ekaterinburg University Press, Ekaterinburg, p. 44-49. (in Russian)

Zhimulev, I. F., N. G. Ananko, O. V. Andreev, O. E. Kosterin. Distribution of raptor nests on the territory of Novosibirsk Academy Town and its nearest surroundings. - Raptors Conservation 11: 73-75.

Kosterin, O. E. 2008. Observations on the crepuscular flight in *Aeshna viridis* Eversman in Omsk Province, West Siberia (Anisoptera: Aeshnidae). - Notulae odonotologicae 7 (2): 18-20.

Kosterin, O. E., N. E. Vikhrev. 2008. Odonatological field notes of two January trips to south-eastern Thailand in 2005 and 2006. - Malangpo 22: 222-236.

Bernard, R., O. Kosterin. 2008. Field notes of two hunters for *Nechalennia speciosa* in boggy Vasyugan Plain, West Siberia. - IDF-Report 12: 1-34.

Bogdanova, V. S., O. E. Kosterin. 2007. Hybridization barrier between *Pisum fulvum* Sibth et Smith and *P. sativum* L. is partly due to nuclear-chloroplast incompatibility. *Pisum Genetics* 39: 8-9.

Kosterin O. E., V. S. Bogdanova, S. M. Rozov. 2007. Priroda Akademgorodka v issledovaniyakh roli genov gistona H1 v makro- i mikroevolyutsii [The nature of Akademgorodok in investigations of the role of the histone H1 genes in macro- and microevolution]. In: Priroda Akademgorodka: 50 let spustya [The Nature of Akademgorodok: 50 years passed], I. F. Zhimulev (ed.), SO RAN Publishing House, Novosibirsk, pp. 201-209. (In Russian)

Kosterin, O. E. 2007. Darwinism as a particular case of "Okkam's Razor". *Filosofia Nauki* 4 (35): 73-103 (in Russian) [an updated version of the below referenced paper].

Kosterin, O. E. 2007. Darwinism as a particular case of "Okkam's Razor". *The Herald of Vavilov Society for Geneticists and Breeding Scientists* 11 (2): 416-431 (in Russian).

Bogdanova, V. S., O. E. Kosterin, V. A. Berdnikov. 2007. Phenotypic effect of substitution of allelic variants for a histone H1 subtype specific for growing tissues in the garden pea (*Pisum sativum* L.). - *Genetica* 130: 61-72.
<http://dx.doi.org/10.1007/s10709-006-0021-6>

Zhimulev, I. F., N. G. Ananko, Yu. S. Ravkin, O. E. Kosterin, O. V. Andreenkov, I. V. Filippov, E. I. Zhimulev, T. D. Kolesnikova. 2007. Novye dannye o ptitsakh Novosibirskogo Akademgorodka i ego okrestnostei. [New data on birds of Novosibirsk Academy Town and its environs]. - In: *Materialy k rasprostraneniyu ptits na Urale, v Priuralye i Zapadnoi Sibiri* [Materials on distribution of birds in Ural, Priuralye and West Siberia], issue 12. Ekaterinburg University Press, Ekaterinburg, p. 93-98. (in Russian)

Krasnaya Kniga Respubliki Altai. Zhivotnye [Red Data Book of Altai Republic. Animals]. 2007. Docent N. P. Malkov, ed., Gorno-Altaysk. Articles: V. V. Dubatolov, O. E. Kosterin: *Eversmannia exornata* (Eversmann, 1837) (p. 101-102); O. E. Kosterin: *Sympetrum croceolum* Selys, 1883 (p. 47-50); *Anax parthenope* Selys, 1839 (p. 50-52); *Ischnura pumilio* Charpentier, 1825 (p. 52); *Nechalennia speciosa* Charpentier, 1840 (c. 53-56); *Neolycaena davidii* (Oberthur, 1881) (p. 93-96); O. E. Kosterin, V. V. Ivonin: *Polyommatus icadius* (Groum-Grshimailo, 1890) (p. 98-101); O. E. Kosterin, R. V. Yakovlev: *Clossiana matveevi* P. Gorbunov et Korshunov, 1995 (p. 74-76); *Hyponephele cadusina* (Staudinger, 1881) (p. 88-90); O. E. Kosterin, R. V. Yakovlev, A. V. Bondarenko: *Erebia embla* (Thunberg, 1891) (p. 77-79); O. E. Koserin, R. V. Yakovlev, M. A. Lebedeva: *Erebia kindermanni* Staudinger, 1881 (p. 81-83); O. E. Kosterin, R. V.

Yakovlev, P. Y. Malkov: *Neolycaena falkovitchi* Zhdanko et Korshunov, 1984 (p. 92-93); O. E. Kosterin, R. V. Yakovlev, P. Y. Malkov, Y. P. Malkov, A. V. Bondarenko: *Parnassius clarius* (Lederer, 1853). (= *P. ariadne* (Eversmann, 1843) (p. 66-69); P. Y. Malkov, R. V. Yakovlev, O. E. Kosterin, Y. P. Malkov, A. V. Bondarenko: *Damora sagana* (Doubleday, 1847) (p. 71-73); R. V. Yakovlev, O. E. Kosterin: *Parnassius tenedius* Eversmann, 1851 (p. 69-71); *Glaucopsyche argali* (Elwes, 1899) (p. 96-97); *Erebia disa* (Thunberg, 1891) (p. 79-80); *Erebia fletcheri* Elwes, 1899 (p. 83-84); *Oeneis elwesi* Staudinger, 1901 (p. 84-86); *Oeneis aktashi* Lukhtanov, 1984 (p. 86-88); R. V. Yakovlev, O. E. Kosterin, P. Y. Malkov, Y. P. Malkov, A. V. Bondarenko, M. A. Lebedeva, S. V. Chesnokova, O. P. Vozniichuk: *Parnassius apollo* (Linnaeus, 1758) (p. 63-66); A. Y. Haritonov, O. E. Kosterin: *Macromia amphigena fraenata* Martin, 1906 (p. 56-58). (In Russian)

Kosterin O. E., V. V. Dubatolov. 2007. Lokal'naya populyatsiya redkogo okhranyaemogo vida babochek Eversmannii ukrashennoi (*Eversmannia exornata* Eversmann, 1837) (Epiplemlidae, Lepidoptera) v Akademgorodke [The local population of a rare protected moth species *Eversmannia exornata* (Eversmann, 1837) (Epiplemlidae, Lepidoptera) in Akademgorodok]. - In: Priroda Akademgorodka: 50 let spustya [The Nature of Akademgorodok: 50 years passed], I. F. Zhimulev (ed.), SO RAN Publishing House, Novosibirsk, pp. 140-144. (In Russian)

Sergeev M. G., O. E. Kosterin. 2007. Golubyanki roda *Maculinea* v Novosibirskom Akademgorodke [Blues of the genus *Maculinea* in Novosibirsk Academy Town]. - In: Priroda Akademgorodka: 50 let spustya [The Nature of Akademgorodok: 50 years passed], I. F. Zhimulev (ed.), SO RAN Publishing House, Novosibirsk, pp. 134-139. (In Russian).

Kosterin, O. E., M. G. Sergeev, V. V. Dubatolov. 2007. Dnevnye babochki (Lepidoptera, Diurna) Akademgorodka [Butterflies (Lepidoptera, Diurna) of Akademgorodok]. - In: Priroda Akademgorodka: 50 let spustya [The Nature of Akademgorodok: 50 years passed], I. F. Zhimulev (ed.), SO RAN Publishing House, Novosibirsk, pp. 105-133. (In Russian).

Kosterin, O. E. 2007. Strekozy (Insecta, Odonata) Akademgorodka [Dragonflies (Insecta, Odonata) of Akademgorodok]. - In: Priroda Akademgorodka: 50 let spustya [The Nature of Akademgorodok: 50 years passed], I. F. Zhimulev (ed.), SO RAN Publishing House, Novosibirsk, pp. 74-91 (In Russian).

Kosterin O. E. 2007. New data on butterfly fauna (Lepidoptera, Diurna) of the Katunskii mountain range (Central Altai). - *Altaiskii zoologicheskii zhurnal* [Altaiian Zoological Journal]. Issue 1, p. 24-34.

Malikova E. I., O. E. Kosterin, V. V. Dubatolov. 2007. A dragonfly (Odonata) collection from the Bolshekhkhtsirskii State Nature Reserve (Khabarovskii Krai,

Russia). II. Seasons 2006 and 2007. - In: Zhivotnyi mir Dal'nego Vostoka [Animal World of the Far East], A. I. Streltsov ed., Issue 6, p. 5-9.

Kosterin, O. E., S. A. Knyazev, A. A. Poteiko, K. B. Ponomarev, T. F. Kosheleva, V. Yu. Teploukhov. 2007. New records of butterflies (Lepidoptera, Rhopalocera) in Omskaya and Tomskaya oblast'. - Eurasian Entomological Journal 6 (4): 473-482. (in Russian).

Kosterin, O. E. 2007. The first record of *Anax* of the West Siberian Plain: *A. p. parthenope* Selys in Omsk (Anisoptera: Aeshnidae). - Notulae Odonatologicae 6 (10): 112-115.

Bernard, R., O. E. Kosterin. 2007. Odonatologiczne impresje z Równiny Wasjuganu, zachodnia Syberia. - Odonatrix 3 (2): 50-58.

Kosterin, O. E. 2007. New records of butterflies (Lepidoptera: Hesperioidea et Papilionoidea) for Tyva Republic (Tuva). IV. The early summer aspect of the fauna of the protected zone of the Khan-Deer cluster of the Ubsunurskaya Kotlovina State Biosphaeral Nature Reserve (West Sayan). Eversmannia. Entomological studies in Russia and adjacent regions 10: 50-58 (in Russian).

Zhimulev, I. F., O. E. Kosterin, T. D. Kolesnikova, N. G. Ananko, F. I. Zhimulev, E. Zhimulev. 2007. Records of some raptors in Academgorodok of Novosibirsk and its vicinities, Russia. - Raptors Conservation 8: 69-74. (in Russian).

Gorbunov, P., Kosterin, O., 2007. The Butterflies (Hesperioidea and Papilionoidea) of North Asia (Asian part of Russia) in Nature. Vol. 2. Rodina & Fodio, Moscow. 408 pp.

Bogdanova, V. S., O. E. Kosterin. 2006. A mitochondrial DNA marker frequently found in wild peas. - Pisum Genetics 38: 1-2.

Bogdanova, V. S., O. E. Kosterin. 2006. A case of anomalous inheritance of chloroplasts in crosses of the garden pea with participation of one of the wild forms. - Doklady Akademii Nauk, 406: 256-259 (in Russian).

Zhimulev, I. F., Y. S. Ravkin, O. E. Kosterin, N. G. Ananko. 2006. O vstrechakh nekotorykh ptits v Novosibirskom Akademgorodke i ego okrestnostyakh [On meeting of some birds in Novosibirsk Academy Town and its surroundings]. - In: Materialy k rasprostraneniyu ptits na Urals, v Priuralye i Zapadnoi Sibiri [Materials on Distribution of Birds in Ural, Praeuralia and West Siberia], issue 11, Ekateringurg University Press, Ekaterinburg - pp. 101-109. (in Russian)

Kosterin, O. E., O. V. Korsun. 2006. A collection of Odonata from the Argun' (Hailar) River basin in Transbaikalia, East Siberia, Russia. - Notulae Odonotologicae 6: 81-85.

Kosterin O. R., Vikhrev N. E. 2006. Odonata seen during three days in a populated lowland part of Cambodia. Malangpo 21: 212-217.

Ivonin, V. V., O. E. Kosterin, A. Yu. Haritonov, R. V. Yakovlev. 2006. Predvaritel'nye ocherki po nasekomym dlya Krasnoy Knigi Respubliki Altai [Preliminary sketches on insects for the Red Data Book of Altai Republic]. In: Redkie zhivotnye Respubliki Altai. Materialy po podgotovke vtorogo izdaniya Krasnoy Knigi Respubliki Altai [Rare Animals of Latai Republic. Materials on preparation of the second edition of the Red Data Book of Altai Republic, N. P. Malkov, ed., Gorno-Altayskiy Pedagogical University, Gorno-Altaysk, pp. 21-58. (in Russian)

Kosterin, O. E. 2006. O spiske nasekomykh, rekomendovannykh Orgkomitetom dlya vklyucheniya vo vtoroe izdanie Krasnoy Knigi Respubliki Altai [On the list of insects recommended by the Organising Committee for inclusion into the second edition of the Red Data Book of Altai Republic]. In: Redkie zhivotnye Respubliki Altai. Materialy po podgotovke vtorogo izdaniya Krasnoy Knigi Respubliki Altai [Rare Animals of Latai Republic. Materials on preparation of the second edition of the Red Data Book of Altai Republic, N. P. Malkov, ed., Gorno-Altayskiy Pedagogical University, Gorno-Altaysk, pp. 11-16. (in Russian)

Bogdanova, V. S., O. E. Kosterin. 2005. A chloroplast DNA marker frequently found in wild peas. - *Pisum Genetics* 37: 40-42.

Kosterin, O. E., Dubatolov V. V. 2005. A dragonfly (Odonata) collection from the Bol'shekhekhtsirskii State Nature Reserve (Khabarovskii Krai, Russia) - Fauna of Russian Far East: collected research papers. Volume 5 - Blagoveshchensk State Pedagogical University, Blagoveshchensk - P. 9-14.

Dubatolov, V.V., Streltsov, A.N., Sergeev, M.G., Kosterin, O.E. 2005. Family Nymphalidae. - In: Key to the insects of Russian Far East. Vol. V. Trichoptera and Lepidoptera. Pt. 5. - Vladivostok: Dal'nauka - P. 286-338. (in Russian)

Krasnaya Kniga Omskoi oblasti. Zhivotnye, rasteniya, lishainiki [Red Data Book of Omsk Province. Animals, Plants, Lichens]. 2005. Omsk State edagogical University Press - Omsk, 459 p. (in Russian). Articles: O. E. Kosterin, V. V. Dubatolov, K. B. Ponomarev, I. I. Bogdanov. *Parnassius apollo* (Linnaeus, 1758) (42-43); O. E. Kosterin, K. B. Ponomarev. *Zegris eupheme* (Esper, 1782) (p. 43-44); O. E. Kosterin. *Ahlbergia frivaldszkyi* (Kindermann in Lederer, 1853) (p. 44-45); O. E. Kosterin, I. I. Bogdanov. *Apatura metis irtyshika* (Korshunov, 1982) (p. 45-47); O. E. Kosterin, S. A. Knyazev. *Apatura iris* (Linnaeus, 1758) (p. 47-48).

Kosterin, O. E. 2005. Western range limits and isolates of eastern odonate species in Siberia and their putative origins. - Odonatologica 34 (3): 219-242.

Dumont, H., A. Y. Haritonov, O. E. Kosterin, E. I. Malikova, O. G. Popova. 2005. A review of the Odonata of Kamchatka peninsula, Russia. - Odonatologica 34 (2): 131-153.

Dubatolov, V. V., R. Yu. Dudko, V. G. Mordkovich, O. B. Korsun, S. E. Chernyshev, D. V. Logunov, Yu. M. Marusik, A. A. Legalov, S. V. Vasilenko, L. G. Grishina, G. S. Zolotareno, A. V. Barkalov, V. P. Petrova, P. Ya. Ustjuzhanin, S. Yu. Gordeev, V. K. Zihcnenko, M. G. Ponomarenko, I. I. Lyubechanskii, N. N. Vinokurov, O. E. Kosterin, E. I. Malikova, A. L. L'vovskii, E. A. Maksimenko, E. E. Malkov, A. N. Streltsov, S. G. Rudykh, D. A. Mil'ko. 2004. Biodiversity of the Sokhondo Nature Reserve. Arthropoda. Sokhondo Nature Reserve, Institute of Systematics and ecology of Animals SB RAS, Novosibirsk, Chita, 415 p. (in Russian) [a part on Odonata, pp. 81-87, by O. E. Kosterin, E. I. Malikova, E. A. Maksimenko, O. V. Korsun]. (in Russian)

Kosterin, O. E., E. I. Malikova, O. E. Haritonov. 2004. Critical species of Odonata in the Asian part of the former USSR and the Republic of Mongolia. - International Journal of Odonatology 7: 341-370.

Kosterin, O. E. 2004. Some Odonata collected in Aldan Ulus of Sakha (Yakutia) Republic in Late June 2002. - Notulae Odonatologicae 6 (3): 27-31.

Kosterin, O. E. 2004. Odonata of the Dauriskii State Nature Reserve area, Transbaikalia, Russia. Odonatologica 33 (1): 41-71.

Berdnikov, V. A., V. S. Bogdanova, F. L. Gorel, O. E. Kosterin, Y. A. Trusov, 2003. Large changes in the structure of the major histone H1 subtype result in small effects on quantitative traits in legumes. - Genetica. 119: 167-82.

Berdnikov, V. A., Gorel, F. L., Kosterin, O. E., Bogdanova, V. S. 2003. Tertiary trisomics in the garden pea as a model of B chromosome evolution in plants. - Heredity 91: 577-583.

Kosterin, O. E., V. V. Zaika. 2003. Odonatological expeditions to the Tyva Republic (Tuva) 2000-2002. - IDF-Report 5: 1-32.

Knyazev, S. A., O. E. Kosterin. 2003. New records of nemoral butterflies *Apatura iris* (L., 1758) and *Maniola jurtina* (L. 1758) in West Siberia and their probable zoogeographical significance. Euroasian entomological journal 2 (3): 193-194 (in Russian).

Gorbunov, P., O. Kosterin. 2003. The Butterflies (Hesperioidea and Papilionoidea) of North Asia (Asian part of Russia) in Nature. Vol. 1. Rodina & Fodio and Gallery Fund, Moscow, Chelyabinsk, 392 p.

Gorel', F.L, Berdnikov, V. A., and Kosterin, O. E. 2002. Mutation *air dots* (*adt*) with slight *uni^{ta}*-like effect on the leaf. - *Pisum Genetics* - Vol. 34 - P. 1-2.

Berdnikov, V. A., Kosterin, O. E., Bogdanova, V. S. 2002. Mortality of pollen grains may result from errors of meiosis: study of pollen tetrads in *Typha latifolia* L. *Heredity* 89 (5):358-362.

Zinchenko, V. K., Kosterin, O. E. 2002. New records of butterflies for Tyva Republic (Tuva). III. Materials on the butterfly (Lepidoptera, Diurna) fauna of the Todzha depression. - *Zhivotnyi mir Dal'nego vostoka: Sbornik nauchnykh trudov* [Animal World of the Far East: a collected paper edition]. Blagoveshchensk State Pedagogical University - Blagoveshchensk. pp. 137-156.

Artemov, A. I., Korolyuk, E. A., Kosterin, O. E. 2002. Flora officinale dell'Altai (sui monti di Siberia). - *Erboristeria Domani* (Milano) No 263 (Ottobre): 62-77.

Kosterin, O. E. 2002. Western borders and isolates of some generally East Asian odonate species in South Siberia and their putative origin. - In: The first Symposium of the SIOROEA (S.I.O. Regional Office in East Asia. Abstracts and program. - National Science Museum, Daejeon, July 26-29 2002 - p. 12-13.

Krasnaya kniga Respubliki Tyva. Zhivotnye [Red Data Book of Tyva Republic. Animals, N. I. Putuintsev, ed.]. 2002. SO RAN Press, Geo Branch, Novosibirsk, 167 p. Articles: Kosterin, O. E. Dedka shiporogii *Ophiogomphus spinicornis* Selys, 1878 - p. 14; Chernushka Erinnin (sayanskaya) *Erebia erynnin* Warren, 1932 (syn. *E. sajanensis* Korshunov, 1972) - p. 41; Kosterin, O. E. Priidak N. V. Barkhatnitsa Hyubnera (barkhatnitsa Narika) *Hyponephele huebneri* Kocak, 1980 (syn. *H. narica* Huebner, 1808-1813) - p. 40. (In Russian)

Kosterin, O. E., Ponomarev, K. B. 2002. New data on the fauna of butterflies (Lepidoptera, Diurna) of the city of Omsk and its closest surroundings. - *Euroasian Entomological Journal* - Vol. 1 - Issue 1 - P. 111-114. (in Russian)

Kosterin, O. E. 2002 New records of butterflies (Lepidoptera, Diurna) for the Tyva Republic [Tuva]. II. Hitherto not reported species and some considerations about the *Erebia magdalena* Strecker, 1880 and *Polyommatus icarus* (Rottemburg, 1775) groups. - *Atalanta* - Vol. 33 - No. 1/2 - p. 177-187, pl. 8-9.

Kosterin O.G. 2002. New butterfly records for the Tyva Republic [Tuva], I. Description of a new subspecies of *Hyponephele narica* (Hubner, [1813]) (=H.

huebneri Kocak, 1980) (Lepidoptera: Satyridae). - Entomologische Zeitschrift 112): 333-336.

Berdnikov, V. A., Gorel', F. L., Kosterin, O. E., Bogdanova, V. S. 2001. Proiskhozhdenie B-khromosom u rastenii. Teoreticheskii i eksperimental'nyi podkhody. [Origin of B-chromosomes in plants. Theoretical and experimental approaches.] In: Evolutsionnaya biologiya. Tom 1. Materialy konferentsii "Problema vida i vidoobrazovaniya", g. Tomsk, 3-6 oktyabrya 2000 g. [Evolutionary Biology. Vol. 1. Materials of the conference 'The Problem of Species and Speciation', Tomsk, 3-6th of October 2000. - Tomsk -Tomsk State University. - P. 163-178.

Kosterin, O. E., Zaika, V. V. 2001. Odonate fauna of the Tyva Republic, or Tuva (Central Siberia). - The Fifteenth International Symposium of Odonatology. Abstracts. Novosibirsk, Russia, July 9-19, 2001 - pp. 10-11.

Kosterin, O. E., Haritonov, A. Y., Inoue, K. 2001. Dragonflies of the part of Novosibirsk Province east of the Ob', Russia. - Sympetrum Hyogo - Vol. 7/8 - p. 24-49 (in English and Japanese).

Gorel', F.L, Kosterin, O. E., and Berdnikov, V. A. 2000. Linkage relationship between the loci Twt and Vam. - *Pisum Genetics* - Vol. 32 - P. 57-58.

Bogdanova, V. S., Kosterin, O. E., and Berdnikov, V. A. 2000. Dominant alleles of the locus Tl may differ in their strength. - *Pisum Genetics* - Vol. 32 - P. 18-19.

Berdnikov, V. A., Gorel, F. L., Bogdanova, V. S., and Kosterin, O. E. 2000. New mutations in the linkage group V have provided stable trisomic lines of pea. - *Pisum Genetics* - Vol. 32 - P. 13-15.

Berdnikov, V. A., Gorel, F. L., Bogdanova, V. S., and Kosterin, O. E. 2000. Interaction of a new leaf mutation *ins-2* with *af*, *uni^{tac}* - and *tl*. - *Pisum Genetics* - Vol. 32 - P. 9-12.

Berdnikov, V. A., Gorel', F. L., and Kosterin, O. E. 2000. A new allele of *crd* disturbs development of the compound leaf.- *Pisum Genetics* - Vol. 32 - P. 6-8.

Krasnaya Kniga Novosibirskoi oblasti. Zhivotnye [Red data Book of Novosibirsk Province. Animals]. - 2000 – Goskomekologiya Novosibirskoi Oblasti - Novosibirsk - 316 p. Items: by O. E. Kosterin: Parusnik Shtubbendorfa, *Parnassius stubbendorffii* (Menetries, 1849) - p. 247-248. O. E. Kosterin, V. V. Dubatolov: Perlamutrovka neparnaya reliktoivaya, *Damora sagana relict*a Korshunov, 1984 - p. 255-256. O. E. Kosterin, O. G. Berezina: Chernushka eniseiskaya -*Erebia jeniseiensis* (Trybom, 1877) - p. 257-258. O. E. Kosterin, V. V. Ivonin: Chernushka Tsiklop, *Erebia cyclopia* (Eversmann, 1844) - p. 259-260. V. V.

Dubatolov, O. E. Kosterin: Shashechnitsa Shtandelya, *Melitaea plotina standeli* Dubatolov, 1997 - p. 251-252; Brazhnik Prozerpina, *Proserpinus proserpina* (Pallas, 1772) - p. 269-270; Pavlinii glaz malyi nochnoi, *Eudia pavonia* (Linnaeus, 1758) - p. 271-272; Epiplema ukrashennaya, *Eversmannia exornata* (Eversmann, 1837) - p. 273. V. V. Dubatolov, O. E. Kosterin, V. V. Ivonin: Apollon obyknovennyi, *Parnassius apollo* (Linnaeus, 1758) - C. 245-246. (In Russian)

Krasnaya Kniga Chitinskoi oblasti i Aginskogo Buryatskogo Avtonomnogo okruga. Zhivotnye [Red Book of Chita Province and Aginskii Buryat Autonomous Region. Animals.]. A. M. Vozmilov, ed. - 2000 - Poisk - Chita. Items: by O. E. Kosterin: Strelka v-chnoe, *Cercion v-nigrum* (Needham, 1930) - p. 140-141; Dedka Maaka, *Anisogomphus maackii* (Selys, 1872) [= *Gomphus m-flavum* (Selys, 1872)] - p. 141-142; Dozorshchik iyul'skii, *Anax parthenope* Selys, 1839, ssp. *julius* Brauer, 1866 - p. 142-143; Brodyazhka ryzhaya, *Pantala flavescens* (Fabricius, 1798) - p. 145-146. By O. E. Kosterin and E. A. Maksimenko: Babka Zal'berga - *Somatochlora sahlbergi* Trybom, 1889 - p. 143-144. By V. V. Dubatolov and O. E. Kosterin: Golubyanka Kiana - *Plbejidea cyane* (Eversmann, 1837) - p. 186. (in Russian)

Flora of Siberia. Volume 1. Lycopodiaceae-Hydrochartaceae. 2000. Prof. I. M. Krasnoborov, ed. Authors: L. I. Kashina, I. M. Krasnoborov, D. N. Shauro, S. A. Timokhina, V. M. Khanminchun, M. I. Danilov, O. E. Kosterin. - Science Publishers, Inc. - Enfield, Plymouth. (A translation of the Russian book)

Dubatolov, V.V., Kosterin, O.E. 2000. Nemoral species of Lepidoptera (Insecta) in Siberia: a novel view on their history and the timing of their disjunctions. - Entomologica Fennica - Vol. 11 - p. 141-166.

Ivonin, V. V., Kosterin, O. E. 2000. A new subspecies of *Polyommatus icadius* Groum-Grshimailo, 1890) from the Russian Altai. - Atalanta - Vol. 31 - No 1/2 - p. 171-177, colour plate XIII.

Mordkovich, V. G., Dubatolov, V. V., Zholnerovskaya, E. I., Kosterin, O. E. 2000. Siberian Zoological Museum of the Institute of Animal Systematics and Ecology, SB RAS (an internet site). - Abstracts of the conference 'Biodiversity and Dynamics of Ecosystems in North Eurasia', Novosibirsk, Russia, August 21-26 2000. Vol. 3. Diversity of the fauna of North Eurasia. Part 1. p. 81-83.

Kosterin, O. E. 2000. Siberian Nature - to Internet! - Abstracts of the conference 'Biodiversity and Dynamics of Ecosystems in North Eurasia', Novosibirsk, Russia, August 21-26 2000. Vol. 1. Part 2. Biodiversity and Dynamics of Ecosystems in North Eurasia: Informational Technologies and Modelling. p. 189-190.

Kosterin, O. E. 2000. Description of a new subspecies of the *Boloria pales* (Denis et Schiffermuller, 1775) sensu Warren (1944) (Lepidoptera, Nymphalidae) from Altai. - Far East Entomologist, No. 86 - P. 1-10

Kosterin, O. E. 2000. Observation of an intergeneric copulation between a male *Cordulia aenea* (L.) and a female *Epitheca bimaculata* (Charp.) (Anisoptera: Corduliidae). - Notulae Odonatologicae, Vol. 5, No. 5, p. 55-56.

Kosterin, O. E., N. V. Pukhnacheva, F. L. Gorel, V. A. Berdnikov. 1999. Equations for estimation of recombination fraction between a marker and a translocation breakpoint. - Pisum Genetics - Vol. 31 - pp. 33-34.

Kosterin, O. E., V. A. Berdnikov, V.A., F. L. 1999. Equations for estimation of recombination fraction between a marker and a sporophytic lethal in F2 progenies with the maximum likelihood method. - Pisum Genetics - Vol. 31 - p. 33.

Rozov, S. M., O. Kosterin, A. Y. Borisov, and V. Tsyganov. 1999. The history of the pea gene maps: last revolutions and the new symbiotic genes. - Pisum Genetics - Vol. 31 - P. 55-56.

Kosterin, O. E., N. V. Pukhnacheva, F. L. Gorel, and V. A. Berdnikov. 1999. Location of the breakpoints of four reciprocal translocations involving linkage group V and their influence on recombination distances between neighbouring markers. - Pisum Genetics - Vol. 31 - P. 13-20.

Kosterin, O. E., V. A. Berdnikov, and F. L. Gorel. 1999. EMS-induced lethal in the vicinity of the locus *lf*. - Pisum Genetics - Vol. 31 - P. 11-12.

Kosterin, O. E. 1999. A floral homeiotic mutation affecting B function of florigenesis control in the pea. - Pisum Genetics - Vol. 31 -P. 9-10.

Gorel, F. L., V. A. Berdnikov, and O. E. Kosterin. 1999. A new xantha-type mutation *golden* (*gld*) on the short arm of chromosome 5. - Pisum Genetics - Vol. 31 - P. 5-8.

Berdnikov, V. A., F. L. Gorel and O. E. Kosterin. Two simultaneously induced lethal mutations provide a system for automatic reproduction of a heterozygote for the Hammarlund translocation. - Pisum Genetics - 1999 -Vol. 31 - P. 1-4.

Berdnikov, V.A., F.L. Gorel, V.S. Bogdanova, O.E. Kosterin, Y.A. Trusov, and S.M. Rozov. 1999. Effect of a substitution of a short chromosome segment carrying a histone H1 locus on expression of the homeiotic gene *Tl* in heterozygote in the garden pea *Pisum sativum* L. - Genetical Research - Vol. 70 - P. 93-109.

Kosterin, O. E. 1999. The observation of *Cystopteris (Rhizomatopteris) montana* (Lam.) Desv. and *Cryptogramma stelleri* (S.G. Gmel.) Prantl. in the Tyshkantau Mountains (Southern Dzhungarian Alatau Mountain Chain). - Turczaninovia (Barnaul) - Vol. 2, Part 1, p. 40-42. (in Russian)

Dubatolov, V.V., O.E. Kosterin. 1999. [Butterflies (Lepidoptera, Hesperioidea, Papilionoidea) of the Argun' basin]. - In: Nasekomye Daurii i sopredel'nykh territorii (Sbornik nauchnykh trudov). Vypusk II. [Insects of Dauria and Adjacent Territories. (Collected scientific works). Issue II]. - Novosibirsk - P. 195-221. (in Russian)

Dubatolov, V.V., O.E. Kosterin. 1999. [Butterflies (Lepidoptera, Hesperioidea, Papilionoidea) of the Dauria International Nature Reserve]. - In: Nasekomye Daurii i sopredel'nykh territorii (Sbornik nauchnykh trudov). Vypusk II. [Insects of Dauria and Adjacent Territories. (Collected scientific works). Issue II]. - Novosibirsk - P. 138-194. (in Russian)

Kosterin, O. E. 1999. Dragonflies (Odonata) of the Dauriskii State Nature Reserve and its surroundings. - In: Nasekomye Daurii i sopredel'nykh territorii (Sbornik nauchnykh trudov). Vypusk II. [Insects of Dauria and Adjacent Territories. (Collected scientific works). Issue II]. - Novosibirsk - P. 5-40. (in Russian).

Krasnaya kniga Novosibirskoi oblasti. Rasteniya [Red Book of Novosibirsk Province. Plants] - 1998 - Nauka, Siberian Division - Novosibirsk. Items: I.M. Krasnoborov, O. E. Kosterin. *Asplenium septentrionale*; I. M. Krasnoborov, O. E. Kosterin, O. G. Berezina. *Cerastium maxima*, *Ephedra distachya*; M. N. Lomonosova, O. E. Kosterin. *Ranunculus polyphyllus*. (in Russian)

Kosterin, O.E. 1998. K faune dnevnykh babochek (Lepidoptera, Diurna) goroda Omska i ego blizhaishikh okrestnostei. To the butterfly (Lepidoptera, Diurna) fauna of the Omsk city and its closest surroundings]. - In: Biologicheskoe raznoobrazie zhivotnykh Sibiri [Biological Diversity of Animals in Siberia], materials of scientific conference devoted to 110 anniversary of the beginning of regular zoological studies in Siberia. Tomsk, 28-30th of October P. 69-70. in Russian)

Dubatolov, V.V., O.E. Kosterin. 1998. Istoriya i proiskhozhdenie nemoral'noi fauny cheshuekrylykh v Sibiri [The history and origin of the fauna of nemoral Lepidoptera in Siberia]. - In: Biologicheskoe raznoobrazie zhivotnykh Sibiri [Biological Diversity of Animals in Siberia], materials of scientific conference devoted to 110 anniversary of the beginning of regular zoological studies in Siberia. Tomsk, 28-30th of October. P. 50-52. (in Russian)

Dubatolov, V.V., Yu.P. Korshunov, P.Yu. Gorbunov, O.E. Kosterin, A.L. Lvovsky. 1998. A review of the *Erebia ligea* -complex (Lepidoptera, Satyridae) from Eastern Asia. - Trans. lepid. Soc. Japan. - Vol. 49 - P. 177-193.

Kosterin, O. E. 1998. Vazhnye nakhodki v faune strekoz (Odonata) Daurskogo zapovednika i ego okrestnostei. [Important findings in the dragonfly (Odonata) fauna of the Dahurian Nature Reserve and its environs]. - In: Problems of Entomology in Russia. - Abstracts for XI Congress of Russian Entomological Society, Saint-Petersburg, - Vol. 1 - P. 210-211. (in Russian)

Berdnikov, V.A., F.L. Gorel, O.E. Kosterin and S.M. Rozov. 1997. A lathyroides-phenotype mutation affecting both foliage and flower structures. - *Pisum Genetics* - Vol. 29 - P. 42-43.

Kosterin, O.E., V.A. Berdnikov, S.M. Rozov, S.M. and F.L. Gorel. 1997. A probable codominant allele of the locus *bt* with a striking effect on the pod. - *Pisum Genetics* - Vol. 29 - P. 34-38.

Gorel, F.L., V.A. Berdnikov, S.M. Rozov and O.E. Kosterin. 1997. Linkage relationships of loci *d*, *Pur* and *Astr*. - *Pisum Genetics* - Vol. 29 - P. 32-33.

Rozov, S.M., F.L. Gorel, O.E. Kosterin and V.A. Berdnikov. 1997. An new homeiotic gene, *biv*, affects flower and inflorescence structures, and display linkage with *d*. - *Pisum Genetics* - Vol. 29 - P. 24-25.

Kosterin, O.E. 1996. Items: *Sympetrum croceolum* Selye 1883; *Ischnura pumilio* Charpentier, 1825; *Nechalonia speciosa* Charpentier, 1840. Zaika, V.V., Kosterin O.E. Item: *Anax parthenope* Selys, 1839. Korshunov, Yu.P., Kosterin O.E. Items: *Driopa clarius* (Eversmann, 1843); *Erebia kindermanni* Staudinger, 1881. - In: The Red Book of Altai Republic. Animals. Novosibirsk. pp. 44-49, 54-56. (in Russian)

Kosterin, O. 1996. Dragonflies (Odonata) of the city of Omsk. *Acta Hydroentomologica Latvica* - Vol. 3 - P. 10-21.

Kosterin, O.E. 1995. Evaluation of linkage in F2 progenies by the chi-square criterion with codominant genes involved. - *Pisum Genetics* - Vol. 27 - p. 31-32.

Kosterin, O.E., V.S. Bogdanova, F.L. Gorel', V.A. Berdnikov. 1995. Inheritance of a pollen protein and a probable case of inversion in the pea chromosome corresponding to linkage group I. - *Pisum Genetics* - Vol. 27 - p. 5-8.

Bogdanova, V.S., Y.A. Trusov, O.E. Kosterin. 1995. Further data on the genes controlling anthocyanin pigmentation in the pea. - *Pisum Genetics* - Vol. 27 - p. 1-4.

Korshunov, Y.P., O.E. Kosterin, G.S. Zolotarenko, V.V. Dubatolov, R. Yu. Vodyanov, Yu. P. Malkov. 1995. Materialy po cheshuekrylym (Lepidoptera, Insecta) k Krasnoy Knige Respubliki Altai. [Materials on Lepidoptera (Insecta) for the Red Data Book of Altai Republic]. In: Materialy k Krasnoi knige respubliki Altai (zhivotnye). [Materials for the Red Book of Altai Republic (animals)], N. P. Malkov, ed. - Gorno-Altaysk State University - Gorno-Altaysk - p. 97-115 (in Russian)

Korshunov, Y.P., O.E. Kosterin. 1995. Dnevnye cheshuekrylye (Lepidoptera, Diurna), predlagaemye dlya vklyucheniya v Krasnuyu Knigu Respubliki Altai. [Butterflies (Lepidoptera, Diurna) proposed for inclusion to the Red Book of Altai Republic]. In: Materialy k Krasnoi knige Respubliki Altai (zhivotnye). [Materials for the Red Data Book of Altai Republic (animals)], N. P. Malkov, ed. - Gorno-Altaysk State University - Gorno-Altaysk - p. 96-97 (in Russian)

Kosterin, O. E., V. V. Zaika. 1995. Materialy po strekozam (Odonata, Insecta) k Krasnoy Knige Respubliki Altai. [Materials on dragonflies (Odonata, Insecta) Diurna) for the Red Book of Altai Republic]. - In: Materialy k Krasnoi knige Respubliki Altai (zhivotnye). [Materials for the Red Data Book of Altai Republic (animals)], N. P. Malkov, ed. - Gorno-Altaysk State University - Gorno-Altaysk - 1995 - p. 96-97 (in Russian)

Kosterin, O.E., V.S. Bogdanova, F.L. Gorel, S.M. Rozov, Yu.A. Trusov, V.A. Berdnikov. 1994. Histone H1 of the garden pea (*Pisum sativum* L.): composition, developmental changes, allelic polymorphism and inheritance. - Plant Science - Vol. 101 - p. 189-202.

Dubatolov, V.V., O. E. Kosterin. 1994. A new subspecies of the *Euchloe ausonia* Hunber species group from the highlands of the Dzhungarian Alatau (East Kazakhstan). - Atalanta - Vol. 25 (3/4) - P. 513-520.

Kosterin O.E. 1994. Butterflies (Lepidoptera, Diurna) of the Koni Peninsula (Magadan region). - Actias. Russian Journal of Scientific Lepidopterology - Vol. 1 - Iss. 1-2 - P. 77- 81.

Kosterin O.E. 1994. Butterflies (Lepidoptera, Diurna) of the Katunskii mountain ridge (Central Altai). - Actias. Russian Journal of Scientific Lepidopterology - Vol. 1 - Iss. 1-2 - P. 45-76.

Dubatolov, V.V., E. M. Antonova, O. E. Kosterin. 1994. *Eversmannia exornata* (Eversmann, 1837) - the only known representative of the Epiplemidae family in West Palearctic. - Actias. Russian Journal of Scientific Lepidopterology Vol. 1 - Iss. 1-2 - P. 19-23.

Kosterin O.E. 1993. Chromosomal rearrangement in line WL1393. - Pisum Genetics - Vol. 25 - p. 71.

Kosterin, O.E., S.M.Rozov. 1993. Mapping of the new mutation *blb* and the problem of integrity of linkage group 1. - Pisum Genetics - Vol. 25 - p. 27-31

Kosterin, O.E. 1993. Genes *a* and *d* may not be in the same linkage group. - Pisum Genetics - Vol. 25 - p. 23-26

Berdnikov, V.A., O.E.Kosterin. 1993. Mobilizing selection as a factor in macroevolution. - Genetics, Selection, Evolution - Vol. 25 - p. 577-595.
<https://doi.org/10.1186/1297-9686-25-6-577>

Berdnikov, V.A., V.S.Bogdanova, S.M.Rozov, and O.E.Kosterin. 1993. Geographic patterns of histone H1 allelic frequencies formed in the course of *Pisum sativum* L. (pea) cultivation. - Heredity - Vol. 71 - p. 199-209.

Berdnikov, V.A., S.M.Rozov, S.V.Temnykh, F.L.Gorel', O.E. Kosterin. 1993. Adaptive nature of interspecies variation of histone H1 in insects. - Journal of Molecular Evolution - Vol. 36 - p. 497-507.

Kosterin O.E. Dnevnye cheshuekrylye (Lepidoptera, Diurna) khrebta Katunskie Belki (Tsentral'nyi Altai). [Butterflies (Lepidoptera, Diurna) of the Katunskie Belki mountain range (Central Altai)]. Deposited in VINITI - 1993 - 278-B93 - 46 p. (in Russian)

Berdnikov, V.A., Y.A.Trusov, V.S.Bogdanova, O.E.Kosterin, S.M.Rozov, S.V.Nedel'kina, Y.N.Nikulina. 1992. The neoplastic pod gene (*Np*) may be a factor for resistance in pea to the pest *Bruchus pisorum* L. - Pisum Genetics - Vol. 24 - p. 37-39.

Kosterin, O.E. 1992. Mapping of the third locus for histone H1 genes in peas. - Pisum Genetics - Vol. 24 - p. 56-59.

Smirnova, O.G., S.M.Rozov, O.E.Kosterin, V.A.Berdnikov. 1992. Perchloric acid extractable low-Mr albumins SCA and SAA from cotyledons and seed axes of pea (*Pisum sativum* L.). - Plant Science - Vol. 82 - p. 1-13.

Zaika, V.V., O.E.Kosterin. 1992. Some interesting observations of dragonflies (Odonata) in South Tuva. - Acta Hydroentomologica Latvica - ol. 2 - P. 81-84.

Kosterin, O.E. 1992. New distribution records of *Somatochlora sahlbergi* Trybom (Odonata, Corduliidae). - Acta Hydroentomologica Latvica - 1992 - Vol. 2 - P. 22-26.

Smirnova, O.G., S.M.Rozov, O.E.Kosterin. 1991. Proteins SCA and SAA of pea cotyledons: characterization and genetics. - Abstracts of Golden Jubilee Symposium on Genetics and Education: Current Trends and the Next Fifty Years, February 12-15 - New Dehli - Volume III - p. 695-696.

Smirnova, O.G., S.M. Rozov, O.E. Kosterin. 1990. Perchloric acid extraction of pea seed proteins: characterization and inheritance of electrophoretic variants. - In: Genetics of Economically-Valuable Characteristics of Higher Plants. - Institute of Cytology and Genetics of the Siberian Division of the Acad. Sci. of the USSR - Novosibirsk - p. 158-179. (In Russian)

Berdnikov, V,A, V.S. Bogdanova, S.M. Rozov, O.E. Kosterin. 1989. [Formation of diversity of the histone H1 genes in the course of cultural evolution of the garden pea.]. - In: Vavilov's Heritage in Modern Biology. - Nauka - Moscow - p. 72-89. (in Russian)

Kosterin O.E. 1989. [On the dragonfly fauna of Altai Mts]. - Abstracts of the All-Union Scientific-Practical Conference 'Problems of Ecology of Mountainous Regions'; 9-13 October 1989. Dushanbe. pp. 6-10 (in Russian)

Kosterin, O.E., V.A. Berdnikov. 1988. Mobilizing selection as a factor of macroevolution. - A preprint. - Institute of Cytology and Genetics of the Siberian Division of the Acad. Sci. of the USSR - Novosibirsk - 48 p. (in Russian)

Flora Sibiriae. Lycopodiaceae-Hydrocharitaceae. 1988. Compiled by: L.I. Kashina, I.M. Krasnoborov, D.N. Shaulo, S.A. Timokhina, V.M. Khanminchun, M.I. Danilov, O.E. Kosterin. - Nauka (Siberian Division), Novosibirsk. 199 p. (in Russian)

Berdnikov, V.A., O. E. Kosterin. 1987. [Progressive evolution as a consequence of mobilizing selection.]. - VI All-Union Symposium "Molecular Mechanism of Genetic Processes", Moscow, 3-6 February. Abstracts. - p. 63-34 (in Russian)

Kosterin, O. E. 1987. O bulavouslykh cheshuekrylykh khrebtu Katunskie Belki (Altai) [On club-antenned lepidopterans of the Katunskie Belki Range (Altai)]. - In: Bulavouslye cheshuekrylye SSSR [Club-antenned Lepidopterans of the USSR], Abstracts of reports to the seminar "Systematics, faunistics, ecology and protection of butterflies", 2-5 October 1987, Novosibirsk - P. 56-59. (in Russian)

Kosterin, O.E. 1987 [Dragonfly community of Lake Manzherok]. In: [Problems of formation of communities terrestrial and aquatic biocenoses]. - OmGPI - Omsk. pp. 76-92. (in Russian)

Kosterin, O.E. 1987. Discovery of East-Asiatic dragonfly (Odonata, Libellulidae) at the Manzherock Lake (Altay). In: [Insects, Mites, and Helminths. New and little-

known species of the fauna of Siberia]. - Nauka (Siberian Division) - Novosibirsk. pp. 57-63. (in Russian, English summary)

Zaika, V.V., O. E. Kosterin. 1987. [Community structure and ethological aspects of dragonflies of Lake Manzherok (Altai)]. [Ecology and Geography of Arthropods of Siberia]. - Nauka (Siberian Division) – Novosibirsk. pp. 73-74 (in Russian)

Totally publications in both science fields: 5 monographs, 163 papers in international journals, 90 papers in national and regional journals, 4 'collective monographs', 42 papers in collected article editions, 4 textbooks, 1 preprint, 6 conference proceedings, 27 conference abstracts, 1 deposited paper, 3 errata - in total 333 publications.

Of them, in ISI Web of Science Core Collection journals: 86 papers, citations (WoS core collection): 777, Hirsh index: 16 (5.12.2024); in Scopus: documents: 91, citations: 890, Hirsh Index: 18 (5.05.2024).

Of them in genetics:

70 papers in international journals, 17 papers in national journals, 4 papers in collected article editions, 4 textbooks, 16 conference abstracts, 1 preprint – 112 publications.

Of them in natural history:

5 monographs, 94 papers in international journals, 64 papers in national and regional journals, 4 'collective monographs', 38 papers in collected article editions, 6 conference proceedings, 10 conference abstracts, 1 deposited paper, 3 errata – 226 publications.