

# Curriculum vitae

[28 November 2013]

Family name: Shchigel  
Given names: Dmitry Sergeevich  
Gender: male  
Year / place of birth: 1978 / Moscow, Russia  
Citizenship: Russian Federation  
Current residence: Finland  
Family: married, three children



## Education and degrees

2013  
2009, 17.XII Docentship application positively reviewed, trial lecture given  
PhD, Plant biology (mycology): *Polypore assemblages in boreal old-growth forests, and associated Coleoptera*.  
University of Helsinki, Finland.  
2004, 5.III Candidate of Science, Entomology: *Beetles inhabiting polypore fungi of European Russia*.  
M.V. Lomonosov Moscow State University, Russia.  
2000, 30.VI Master of Science, Zoology: *Complexes of Coleoptera inhabiting polypore fungi of Russian Plain and Crimea*.  
M.V. Lomonosov Moscow State University, Russia.

Courses: Zoology, Botany, History, Philosophy, Economics, Bioethics, Biopolitics, English, Mathematics, Statistics, Physics, General Chemistry, Physical Chemistry, Organic Chemistry, Historical Geology, Anthropology, Evolution Theory, Plant Physiology, Animal and Human Physiology, Cell Biology, Embryology, Biophysics, Biochemistry, Virology, Genetics, Microbiology, Molecular Biology, Environment protection, Ecology, Histology, Acarology, Insect Systematics, Insect Histology, Forest Entomology, Medical Entomology, Insect Morphology, General Entomology, Agricultural Entomology, Technical Entomology, Insect Physiology, Insect Ecology, Insect Endocrinology, Insect Ethology, Paleontomology, Arachnology, Insect Pathology, Philosophy of Science, Wildlife management and conservation, Landscape ecology and GIS, Conference Presentation, Academic Writing, Wood anatomy, Laboratory methods in ecological genetics, Myxomycetes, Polypores

## Languages

Russian Native (mother tongue)  
English Fluent  
Finnish Intermediate

## Work experience

### Current position

1.9.2012-31.08.2015 Postdoctoral researcher, Taxonomy coordinator —  
Metapopulation Research Group & LUOMUS: Finnish Museum  
of Natural History, University of Helsinki.

### Previous professional appointments

1.4.2012-31.08.2012 Taxonomy coordinator — LUOMUS, University of Helsinki  
1.1.2012-31.03.2012 Postdoctoral Researcher, Forest Pathology Research Lab, UH  
1.1.2009-31.12.2011 Postdoctoral Researcher, Metapopulation Research Group, UH.  
1.9.2002-31.12.2008 Doctoral student/Researcher — LUOMUS & PUTTE programme, UH.

### Research

Mycology, biodiversity informatics, dead wood, species interactions, entomology. Molecular ecology and metagenomics, molecular identification and systematics. Host selection and adaptations of fungivorous Coleoptera, wood-decaying fungi, databases, nature conservation, reserve design, boreal and montane ecosystems, and successions.

Professional activities: Field, laboratory, and office work. Data collecting and analysis. Identification and mounting insect and fungal specimens. Database design and maintenance. Writing, translating and editing scientific publications, books and reports. Project planning, organizing and coordinating. Oral and poster presentations. Chairing and participating meetings. Workflow management. Teaching and assisting in fundamental and field courses. Traveling: expeditions, research trips and international symposia. Applying and reporting grants.

## Teaching, supervising

2013-2015 Nordic - Russian Boreal Forest Biodiversity Education Network, PI  
2013 Biodiversity in dead wood (7 ECTS); idea, planning & course leader  
2013 Diversity of wood-inhabiting fungi: polypores of the Białowieża forest (.3 ECTS); course leader  
2009-2012 Conservation Biology in Fragmented Landscapes, University of Helsinki; mentor.  
2010 Forest microbiology and fungal biotechnology, University of Helsinki; invited lecturer.  
2002-2013 Polypore course, University of Helsinki; assistant.  
2000-2006 Entomology field course, Moscow State University; group leader.  
2000-2002 Moscow State 57 School; teacher of biology.  
1995-2001 Young Naturalist Club of Zoological Museum, Moscow State University; teacher.  
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2012 PhD: A. Oghenekaro; advisory board member, University of Helsinki  
2008, 2012, 2013 MSc: UH - V. Koivuranra, M. Faticov, supervisor; MSU - O. Kochetova, I. Viner co-supervisor.  
2011-2014 CIMO: T. Semenova, I. Viner; co-supervisor, University of Helsinki  
2013 BSc: UH - Anu Hakkarainen, scientific supervisor

## Scientific expert positions

### Organizing and chairing scientific symposia

(2014) International Mycological Congress  
(2014) European Congress of Entomology  
2012- Fungal Weekly: subgroup seminars  
2011 Wood-decaying fungi: mol. ecology, UH  
2011 XVI Congress of European Mycologists  
2005-2006 Saproxylic seminar, UH; chair.

### Editorial board membership

2011- Mycology, board editor  
2013- Biodiversity Data Journal, subject editor.  
2012- Peerage of Science, peer.  
2013 Fungal Ecology, invited reviewer.  
2012 Annales Botanici Fennici, invited reviewer.  
2010 Karstenia, invited reviewer.  
2007 La Terre et la Vie – Rev. d'Ecologie, reviewer

### Internet projects

2012-	Taxonomy coordinator	FinBIF / LUOMUS	<a href="http://www.lajitietokeskus.fi">www.lajitietokeskus.fi</a>
2005-	Consultant	EarthCape tools for biodiversity data	<a href="http://www.earthcape.com">www.earthcape.com</a>
2008-2012	Content admin	Basidiomycete Research Group	<a href="http://www.basidio.fi">www.basidio.fi</a>
2005-2010	Editor	Saproxylic Database	<a href="http://www.saproxylic.org">www.saproxylic.org</a>

### Positions of trust: project funding

2012-2015 Academy of Finland, Postdoctoral researcher  
2012, 2013 Academy of Finland, mobility grants (China, Japan)  
2013 Norwegian Centre for International Cooperation in Education SIU + ForBio, course funding  
2013 Oskar Öflunds Stiftelse, research stipend  
2012-2013 CIMO, CIMO-FIRST, funding for trainees and a course  
2012 Vuokko foundation, research stipend  
2005-2013 Bilateral Staff Exchange Programmes of University of Helsinki: Moscow State University  
2011 Kuopion Luonnon Ystävien Yhdistys r. y., research stipend  
2013, 2011, 2010 Chancellor's Travel Grants, University of Helsinki  
2006-2011 Societas pro Fauna et Flora Fennica: research and travel grants.  
2009, 2011 Nordenskiöld-samfundet i Finland R. F., doctoral studies stipend, research stipend

### Visits abroad: conferences, teaching, field work

2013: Sweden, Uppsala, Japan, Kyoto, Italy, Florence, Estonia, Tartu, Malaysia, Borneo, UK, Cardiff  
2012: China, Beijing and Yunnan, UK, Kew & Rothamsted, Spain, Granada, Poland, Białowieża, Sweden, Halland, Russia, Saint Petersburg;  
2011: Greece, Halkidiki, Sweden, Gotland;  
2010: UK, Scotland; Slovenia, Ljubljana, Sweden, Västernordland;  
2009: Madagascar, Marojejy;  
2008: Norway, Trillemarka Germany, Lüneburg;  
2007: Denmark, Nykøping, Portugal, Lisbon;  
2007-2013: Poland, Białowieża;  
2006: France, Vivoin, Australia, Queensland;  
2004: Estonia, Hiiumaa;  
1996-2001 Ukraine, Crimea;  
2000-2013: MSU, Russia.

### Academic awards

1998 Excellent performance "Polypore beetles of Moscow Region" - IFAW

### Publications

Over 40 publications, including 20 in international peer-reviewed journals: original research papers in mycology (molecular ecology, systematics, species interactions), ecology and entomology; 3 books and 63 book translations in natural history; species inventory reports, photographs, maps, and illustrations.

### References

Otso Ovaskainen, Professor  
Metapopulation Research Group  
Faculty of Biological and Environmental Sciences  
PO Box 65 (Viikinkaari 1)  
FI-00014 University of Helsinki, FINLAND  
Phone: +358 9 191 57924  
E-mail: [otso.ovaskainen@helsinki.fi](mailto:otso.ovaskainen@helsinki.fi)

Tuomo Niemelä, Docent  
Botanical Museum  
P.O. Box 7 (Uniouinkatu 44)  
FI-00014 University of Helsinki  
FINLAND  
Phone: +358 9 191 24413  
E-mail: [tuomo.niemela@helsinki.fi](mailto:tuomo.niemela@helsinki.fi)

1999-2004 Astrel, scientific editor.

### Membership in scientific societies

2013- North European Forest Mycologists Network  
2012- Finnish Barcode of Life  
2012- British Mycological Society  
2010- International Society for Fungal Conservation  
2008- Finnish Nature League  
2006- Societas pro Fauna et Flora Fennica  
2004- Nordic Saproxylic Network  
2003- European Mycological Association  
1995-2002 Moscow Society of Naturalists

### Keynote lecture

2013 Ecological Society of Japan