

## **Ekaterina Bubnova**

Date of Birth: February 29, 1976  
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### **CONTACT INFORMATION**

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### **EDUCATION**

2005 Ph.D. (Mycology), Ph.D. thesis at Mycology and Algology Department of Moscow State University: "Changes in fungal communities structure along a forest – to – ocean landscape gradient at the White Sea coast (North West Russia)".  
2000–2004 Ph.D. student, Mycology and Algology Dept. of Moscow State University, Moscow, Russia;  
2000 Diploma in Botany (equivalent to M. Sc.), Moscow State University, Moscow, Russia

### **POSITIONS HELD**

2006–till now Researcher, White Sea Biological Station of Moscow State University, Moscow, Russia ([www.wsbs-msu.ru](http://www.wsbs-msu.ru))  
2000–2006 Senior laboratory assistant, White Sea Biological Station of Moscow State University, Moscow, Russia

### **EXPERIENCE SUMMARY**

Research work in soil and marine mycology using cultural methods; light microscopy; electron microscopy; micromycetes identification in pure cultures and on the substrates; statistical analysis in ecological research. Material collection using diving techniques (AOWD and DSD PADI certificates).

### **TEACHING EXPERIENCE**

Supervisor of three M.Sc. students and one PhD student. Practical trainings in mycology and algology at Moscow State University: field ecology and laboratory studying (2001-2012). Lecture on marine mycology at Moscow State University (2010-2014).

## **PRINCIPAL PUBLICATIONS**

### RESEARCH ARTICLES:

- **Bubnova E.N.**, GrumGrzhimaylo O.A., Konovalova O.P., Marfenina O.E. 2014. Fifty Years of mycological studies at the White Sea Biological Station of Moscow State University: challenges, results, and outlook // Moscow University biological sciences bulletin. Vol. 69. No. 1. P. 23-39.
- **Bubnova E. N.** 2014. Fungi of the Blue Bay (Black Sea, Eastern coast near the town of Gelendzhik) // Micologia I Fitopatologia. Vol 48. No. 1. P. 20-30. (IN RUSSIAN).
- Marfenina O.E., **Bubnova E.N.**, Semenova T.A., Ivanova A.E., Danilogorskaya A.A. 2014. A microfungi of the genus *Aspergillus*: distribution nad accumulation in different conditions of natural environments (on example of European Russia) // Micologia I Fitopatologia. Vol. 48. No. 3. P. 139-150. (IN RUSSIAN).
- Konovalova O.P., **Bubnova E.N.**, Sidorova I.I. 2012. Biology of *Stigmidium ascophylli* – fungal symbiont of fucoids in Kandalaksha Bay, White Sea // Micologiya I Fitopatologiya. Vol. 46. No. 6. P. 353-360. (IN RUSSIAN)
- Kopytina N. I., **Bubnova E. N.** 2011. Pleosporalean fungi new for the Black Sea // Micologiya I Fitopatologiya. Vol. 45. No. 4. P. 316-322. (IN RUSSIAN)
- Konovalova O. P., **Bubnova E. N.** 2011. Mycobionts of brown seaweeds *Ascophyllum nodosum* and *Pelvetia canaliculata* in the Kandalaksha bay (White Sea, NW Russia) // Micologiya I Fitopatologiya. Vol. 45. No. 3. P. 240-248. (IN RUSSIAN)
- **Bubnova E. N.** 2010. Fungal diversity in bottom sediments of the Kara Sea // Botanica marina. Vol. 53. P. 595-600.
- **Bubnova E. N.**, Kireev J. V. 2009. Fungal communities associated with brown seaweeds *Fucus* spp. in the Kandalaksha bay (White Sea, NW Russia) // Micologiya I Fitopatologiya. Vol. 43. No. 5. P. 20-29. (IN RUSSIAN)
- **Bubnova E. N.** 2009. Fungi in sediments of the Kandalaksha bay (White sea, NW Russia) // Micologiya I Fitopatologiya. Vol. 43. No. 4. P. 4-11. (IN RUSSIAN)
- **Bubnova E. N.**, Velikanov L. L. 2004. Soil micromycetes from the White Sea biological station of Moscow States University // Micologiya I Fitopatologiya. Vol. 38. No. 2. P. 26-33. (IN RUSSIAN)

### PRESENTATIONS:

- Konovalova O. P., **Bubnova E. N.**, Neretina T. V. 2013. Searching species criteria of marine fungi: an example of *Acremonium fuci* // Asian Mycological Congress 2013 & 13<sup>th</sup> International Marine and Freshwater Mycology Symposium. Aug. 19-23, 2013. China National Convention Center (CNCC), Beijing, China. Abstract Book, P60.
- **Bubnova E. N.**, Kireev J. V., Konovalova O. P. 2013. Fungi and fucoids: relationships in different natural regions // Asian Mycological Congress 2013 & 13<sup>th</sup> International Marine and Freshwater Mycology

Symposium. Aug. 19-23, 2013. China National Convention Center (CNCC), Beijing, China. Abstract Book, P69.

- **Bubnova E. N.** 2010. Fungi of coastal environments: living on the frontier // 9<sup>th</sup> International Mycological Congress. Aug. 1-6, 2010. Edinburgh, UK. Poster CD, P1.056.
- Konovalova O.P., Mague N.S., **Bubnova E.N.** 2009. Mycobionts of *Ascophyllum nodosum* (L.) Le Jolis and *Pelvetia canaliculata* (L.) Dcne & Thur. in the White Sea // Asian Mycological Congress 2009 & 11<sup>th</sup> International Marine and Freshwater Mycology Symposium. Nov. 15-19, 2009. National Museum of Natural Science. Taichung, Taiwan. Abstract Book, O-142-143.
- **Bubnova E.N.** 2009. Fungal diversity in littoral and bottom sediments of the Kara Sea // Asian Mycological Congress 2009 & 11<sup>n</sup> International Marine and Freshwater Mycology Symposium. Nov. 15-19, 2009. National Museum of Natural Science. Taichung, Taiwan. Abstract Book, P-139-140.
- **Bubnova E.**, Kireev J., Konovalova O., Porkhunova N. 2007. The White sea intertidal zone fungi // Asian Mycology Congress 2007 & 10 International Marine and Freshwater Mycology Symposium. Dec. 2-6, 2007. Penang, Malaysia. Abstract Book.
- Kireev J.V., Konovalova O.P., **Bubnova E.N.** 2007. Brown algae of the White sea intertidal zone: the fungal invasion // XV Congress of European mycologist. Sept.16-22, 2007. Saint-Petersburg, Russia. Abstract book, P. 77-78.
- Porkhunova N., **Bubnova E.N.** 2007. Arbuscular mycorrhizal colonization of some plant species in salt marches of the Kandalaksha bay (White Sea) // XV Congress of European mycologist. Sept.16-22, 2007. Saint-Petersburg, Russia. Abstract book, P. 230.

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