

Curriculum Vitae

PhD. Maria G. Khoreva

My main interests in botany are focused on floristic diversity, botanical geography, ecology, biology and conservation of rare and endemic vascular plants of the North of the Russian Far East.

I was born on November 1, 1966, in Magadan, Russia. In 1989 I graduated from the K.A. Timiryazev Moscow Agricultural Academy with thesis “Medicinal plants of the Magadan region”.

I have been working at the Institute of the Biological Problems of the North, Far-Eastern Branch of the Russian Academy of Sciences (IBPN FEB RAS), Magadan, in the laboratory of botany, since 1991.

In 1999 I defended my PhD thesis “Analysis of the Island flora of the Northern Okhotia” in the Main Botanical Garden, Moscow.

My publication list contains over 100 papers including 1 monograph and 4 collective monograph with co-authors from IBPN FEB RAS. My profile on Research Gate: https://www.researchgate.net/profile/Maria_Khoreva

I also took part in several projects supposed by Russian Fund of Fundamental Investigation (RFBR), UK Rufford Small Grants Foundation and other funds, for example:

2005-2006: The peculiarity of the interaction of vascular plants and colonial sea birds on the northern coast of the Okhotsk Sea (Russian Fund of Fundamental Investigations)

2019-2021: Phytogeography of aquatic vascular plants of Beringia (Russian Fund of Fundamental Investigations)

2010-2011: The Research and Conservation of Rare and Threatened Plants and Important Plants Areas of Magadan Region (Northern Far East Asia, Russia),

2012-2013 The research and conservation of rare endemic plants and its habitats in the Magadan Region (Rufford Small Grants Foundation, UK).

2002, 2004, 2006-07, 2009, 2012, 2015, 2016, 2018-19 - different small projects (island flora, bird influence on vegetation, population genetics of some species, etc.) supported by Fund of the Far Eastern Branch of Russian Academy of Sciences.

All my work is closely related to herbarium collection (international code – MAG). Since 2000, I compiled and continue to supplement the database with a list of regional flora

<http://www.ibpn.ru/component/content/article/23-/10/113-1>

Since 2017, I have been the supervisor of the herbarium, continuing my research work.

The herbarium of the Institute of the Biological Problems of the North FEB RAS (MAG) was founded in 1970 by A.P. Khokhrjakov. The most part of the collection is represented by samples from Magadan region and neighboring territories. The collection has now about 110000

sheets of vascular plants. Collection of seeds and fruits numbers over 3600 specimens. Mycological herbarium contains over 10000 samples of macromycetes, collection of lichens has over 4600 samples, and bryophytes – about 4300 samples. Link to Index Herbariorum:

<http://sweetgum.nybg.org/science/ih/herbarium-list/?NamOrganisationAcronym=MAG>

We recently realized the need to digitize our herbarium collections and are taking steps in this direction. The most part of our type collection (32 taxa of vascular plants described mainly by A.P. Khokhryakov) are available on the institution web-site

(<http://www.ibpn.ru/kollektsii/261-tipovye-obraztsy-sosudistykh-rastenij>;

<http://www.ibpn.ru/en/collections/82-tipovye-obraztsy-sosudistykh-rastenij>). There are 20 species represented by isotypes, 10 by isotypes and paratypes, 2 by paratypes.

Complete digitization of our collection will fill taxonomic and geographic gaps in freely accessible data relating to national and regional biodiversity.