



University of Tartu, Natural History Museum

www.ut.ee



WHO WE ARE

The Natural History Museum was established in 1802. It is the oldest museum of Estonia which includes scientific collections from various fields such as botany, geology, mycology and zoology. One of the priorities of the museum is to participate in the co-operation network for developing the national biodiversity database in order to create an integrated portal (elurikkus.ut.ee) which links the museum's collections to field studies and promotes Citizen Science. The museum also develops DNA-based fungal keys for microbial ecology (unite. ut.ee) and associated analytical tools. The museum's key facilities including its scientific collections and exhibitions are under renovation until 2014..

WHAT OUR EXPERIENCE IS

Natural History Museum is the lead partner in Estonian research infrastructure roadmap project NATARC – *Natural History Archives and Information Network*. During 2012– 2015 NATARC will create an integrated infrastructure which links natural history archives and digital biodiversity archives. Central Baltic INTERREG IVA project *BALTICDIVERSITY – Towards Transboundary Access of Nature Observation Data* is another project led by the museum. This project will develop a transboundary network of national databases for connecting nature observation data from major natural history museums and collections of Estonia, Finland and Sweden.



WHAT WE DO IN EU BON

- » Leading the WP1 Data sources: requirements, gap analysis and data mobilization.
- » Evaluation of biodiversity data sources
- » Mobilization of the molecular data sets of biodiversity
- » Exploring the potentials of citizen-science based approaches for biodiversity assessment and monitoring.

IN EU BON WE MAINLY CONTRIBUTE TO

- WP 1 (Lead)** Data sources: requirements, gap analysis and data mobilization
- WP 2** Data integration and interoperability

WE ARE ALSO INVOLVED IN

- » CETAF
- » OpenUp!
- » BalticDiversity

Prof. Urmas Kõljalg



- » Leading UTARTU team of EU BON
- » Director of Natural History Museum
- » Research interests: Integrated questions on taxonomy, molecular ecology and biodiversity informatics.

Dr. Kessy Abarenkov



- » Researcher, database specialist for eBiodiversity and UNITE databases
- » Research interest: biodiversity informatics; molecular identification and analysis tools in microbial ecology

Veljo Runnel



- » Expert for Citizen Science
- » Research interests: biodiversity and citizen science

Siim Halapuu



- » Software developer
- » Research interests: biodiversity informatics

Marko Peterson



- » ICT systems expert
- » Research interests: biodiversity informatics, GIS, web-based taxon keys and descriptions