

Activities

Theme	Working Group	Node Activities / Priorities
1: DNA Barcode Library	1.1 Vertebrates 1.1.1 Mammals	Priority: DNA barcode library for rodents and other taxa, DNA barcode library for taiga small mammals. Zoological Institute RAS, Zoological museum of MSU, A.N. Severtsov Institute of Ecology and Evolution (Leaders: Dr. Abramson N.I., Dr. Kholodova M.V., Dr. Lissovsky A.)
	1.1.2 Fish	Priority: DNA barcode library for Russia fish species, DNA barcode library for marine and freshwater fish & shellfish fauna. Working groups: A.V. Zhirmunsky Institute of Marine Biology FEB RAS (Leaders: Dr. Kartavtsev Y.Ph., Dr. Balanov A.A.), Zoological Institute RAS (Leaders: Dr. Bogutskaya N.G., Dr. Naseka A.N.), Institute of Biology and Soil Sciences FEB RAS (Leaders: Dr. Shedko S.V., Dr. Rozkovan K.V.), Institute of Gene Biology RAS (Leaders: Dr. Semenova S.K.), N.I. Vavilov Institute of General Genetics RAS (Leaders: Dr. Polytov D.V., Dr. Zhivotovsky L.A.), Moscow State University (Leaders: Dr. Osinov A.N., Dr. Vasylieva N.D.), Institute of Limnology Siberian Branch (SB) RAS (Leaders: Dr. Kirilchik S.V., Dr. Mamontov A.M.) Institute of Systematics and Animal Ecology SB RAS (Leaders: Dr. Zuikova E.I., Dr. Bochkarev N.A.), Federal Research Institute of Fishery and Oceanography (Leaders: Dr. Muge N.S., Dr. Glubokovsky M.K.), Far Eastern Federal University (Leaders: Dr. Ivankov V.N., Semenchenko A.A.) Research Institute of Biology of South Federal University (Leaders: Dr. Shkurat T.P.)
	1.2 Land plants	Priority: DNA barcode library for bryophytes and angiosperms species from Russia. Working groups: M.V. Lomonosov Moscow State University (Leaders: Dr. Troitsky A.V., Dr. Valiejo-Roman C.M.), V.L. Komarov Botanical Institute RAS (Leaders: Dr. Geltman D.V., Dr. Rodionov A.V., Dr. Machs E.M., Dr. Schneer V.S.) Tsytsin Main Moscow Botanical Garden of RAS (Leaders Schanzer I.A)
1.3 Fungi	Komarov Botanical Institute RAS Leaders Kovalenko A.E., Malysheva V.F. & Malysheva E.F.	

	1.5 Agricultural & Forestry Pests and their Parasitoids. Insects	N.I. Vavilov Institute of General Genetics RAS (Leaders: Dr. Mukha D.V.).
	1.7 Freshwater Bio-surveillance 1.7.1 Copepodes and benthic crustacean, fishes	Zoological Institute RAS (Leaders: Alekseev V.R.),
	1.8 Marine Bio-surveillance 1.8.1 Fishes, molluscs, microalgae (diatoms, dinoflagellates)	Zoological Institute RAS (Leaders: Sirenko B.I., Sukhotin A.A.), A.V. Zhirmunsky Institute of Marine Biology FEB RAS (Leaders: Dr. Kartavtsev Y.Ph., Dr. Balanov A.A., Dr. Balakirev E.S., Dr. Orlova T.Yu., Dr. Zvyagintsev A.Y.)
	1.10 Polar Life	DNA barcode library for near-polar bryophytes (Leader: Dr. Vilnet A.A.)
	2.2 Museum Life 2.2.1 Barcodes for type specimens	Zoological Institute RAS (Leaders: Abramson N.I., Ananjeva N.B.), Institute of Biology and Soil Sciences (Leaders: Dr. Gontcharov A.A.)
	2.3 Sequencing: Methods Development	Estimation of applicability of different molecular markers for barcoding species from various plant groups
	2.4 Paleobarcoding 2.4.1 Barcoding of Pleistocene Mammals	Zoological Institute RAS (Leaders: Abramson N.I, Tikhonov A.N., Baryshnikov G.F.)
5: Administration	5.1 Project Management	The RUS-BOL committee established (Chairman: Dr. Kartavtsev Y.Ph., vice chairmen: Dr. Troitsky A.V. and Dr. Mukha D.V., scientific secretary: Dr. Abramson N.I.)
	5.2 Communications	Chairman: Dr. Kartavtsev Y.Ph., vice chairmen: Dr. Troitsky A.V., Dr. Mukha D.V., scientific secretary: Dr. Abramson N.I.
6: GE3LS	6.1 Equitable Use of Genetic Resources	A.V. Zhirmunsky Institute of Marine Biology FEB RAS (Leaders: Dr. Kartavtsev Y.Ph., Dr. Balanov A.A., ?Dr. Brykov V.A.) VNIRO (Leaders: Dr. N.S. Muge)
	6.2 Regulation of international trade	A.V. Zhirmunsky Institute of Marine Biology FEB RAS (Leaders: Dr. Kartavtsev Y.Ph., Dr. Balanov A.A.) VNIRO (Leaders: Dr. N.S. Muge)
	6.4 Education initiatives for schools and media 6.4.1 Educational activity, training	All institutes involved