

Activities

Theme	Working Group	Node Activities / Priorities
DNA Barcode Library	1.1 Vertebrates	All vertebrates registered in Norway (862 species): <ul style="list-style-type: none"> - 42 freshwater fish species - 268 marine fish species - 6 amphibia species - 6 reptilia species - 90 mammal species - 450 bird species breeding and visiting
	1.2 Land plants	Vascular plants in Norway (2962 species registered) Vascular plants in Svalbard (238 species registered) Bryophytes in Norway (1071 species registered)
	1.3 Fungi	Fungi in Norway (4989 species registered) Lichens in Norway (1985 species registered)
	1.4 Parasites, Pathogens, Vectors)	All Simuliidae in Norway (ca 50 species) Ticks, lice, mosquitoes, parasitic worms
	1.5 Agricultural & Forestry Pests and their Parasitoids	Coleoptera in commercial food items All Symphyta in Norway (483 species) All ants in Norway (53 species) Parasitoid wasps (3257 species registered) All bark beetles in Norway (68 species)
	1.6 Pollinators	All bees and bumblebees in Norway (234 species)
	1.7 Freshwater Bio-surveillance	Chironomidae in Norway (>500 species registered) Psychodoidea in Norway (30 species registered) All Plecoptera in Norway (35 species) All Ephemeroptera in Norway (48 species) Trichoptera in Norway (200 species registered) All freshwater red algae in Norway (ca 20 macro algae species)
	1.8 Marine Bio-surveillance	All Nudibranchs in Norway (90 species) Polychaetes (612 species registered) Amphipods (539 species registered) Decapods (119 species registered) Ophiuroidea (36 species registered)
	1.9 Terrestrial Bio-surveillance	All Lepidoptera in Norway (2208 species) All Orthoptera in Norway (30 species) All Blattodea in Norway (10 species) All Dermaptera in Norway (4 species) Red-listed Coleoptera of Norway (829 species) All Mycetophilidae in Norway (589 species) Staphylinidae in Norway (>1000 species registered) Megaloptera in Norway (5 species registered) Neuroptera (58 species registered) Spiders in Norway (564 species registered) All earthworms in Norway (19 species)

Methods	2.1 Barcoding Biotas	The Ny-Ålesund area in Svalbard is a hot-spot for Arctic research by many nations, and can be a good candidate for this WG (at least for terrestrial life)
	2.2 Museum Life	Type material in Norwegian museum collections. Some ongoing effort has started using new sequencing technology.
	2.3 Sequencing: Methodological Innovation	Some ongoing projects in Norway search for good minibarcodes in various taxa
	2.4 Paleobarcoding	Ongoing projects at NHM: BarFrost (permafrost sample screening with minibarcodes; mosses, fungi, insects, springtails, vertebrates) and ECOCHANGE (permafrost sample screening with minibarcodes (vascular plants)
Administration	5.1 Project Management	Director of NBIC, Ivar Myklebust, member of Board of Directors. Dr. Jan T. Lifjeld and Torbjørn Ekrem members of SSC