

UiO : Naturhistorisk museum

Training a new generation of biosystematists to meet society's needs for biodiversity expertise

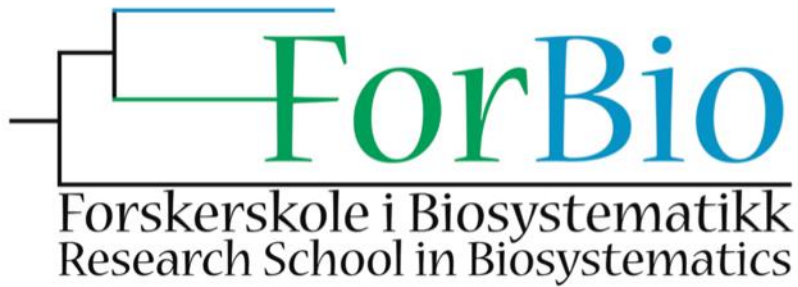
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GLOBAL TAXONOMY INITIATIVE FORUM Online, 2-4 December 2020



Initiatives reverse erosion of taxonomic expertise



ARTSDATABANKEN



- 2009
 - Funds species mapping and taxonomy
 - 3000 species new for Norway
 - 2000 species new to science with STI
- 2010
 - Courses in taxonomy and systematics
 - 100 courses to more than 1000 students
 - Free

Generates capacity-building

- Maintain taxonomic research environments
- Facilitate vertical transmission of taxonomic expertise
- Enable new initiatives



international
BARCODE
OF LIFE



BIOSCAN



Progression beyond taxonomy capacity-building



**NORWEGIAN
ENVIRONMENT
AGENCY**

Commissioned reports

- Criteria for preservation of environmental DNA samples and data (2019)
- Socio-economic analysis of environmental DNA in monitoring and mapping (2020)
- eDNA in marine environments (2020)

Stimulates

- Wider adoption of molecular biodiversity assessments in environmental monitoring
- Reinforces the need for taxonomic expertise in executing national laws on biodiversity
- Encourages coordination of public and private initiatives