

1-5 April 2019, Paris, France

## *Living Atlas Workshop*

# Global Biodiversity Information Facility GBIF Node for Norway



UiO : **Natural History Museum**  
University of Oslo



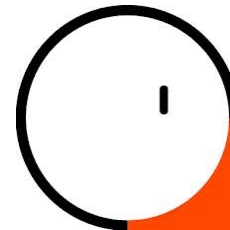
## Node team at NHM, University of Oslo

Dag Endresen, *Node manager*

Rukaya Johaadien, *Data manager*

Vidar Bakken, *part-time*

Fridtjof Mehlum, *board member*

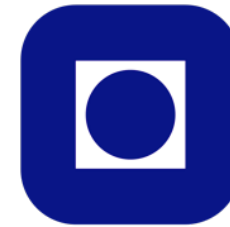


## Artsdatabanken, Trondheim

Wouter Koch, *node member*

Stein A. Hoem, *IT Manager*

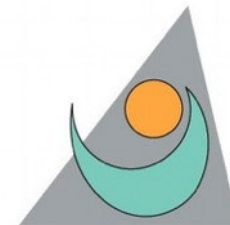
Nils Valland, *board member*



## NTNU University Museum

Anders Finstad, *GBIF Science committee*

Solveig Bakken, *board member*



## Norwegian Institute for Nature Research

Erlend B. Nilsen, *Science ambassador*

Roald Vang, *IT Manager*

Frank Hanssen, *GIS expert*



## Research Council of Norway

Research Infrastructure Team

# GBIF.NO TOWARDS A PERMANENT RESEARCH INFRASTRUCTURE

Funding periods (15 years, 2005-2019, 50 MNOK)

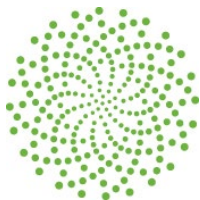
2005-2007 (3 years, RCN 4,5 MNOK, total 5,6 MNOK)

2008-2011 (4 years, RCN 6,3 MNOK, total 12,1 MNOK)

2012-2016 (5 years, RCN 13,0 MNOK, total 20,0 MNOK)

2017-2019 (3 years, RCN 9,2 MNOK, total 12,1 MNOK)

2020 --> *permanent long-term infrastructure*



Forskningsrådet (RCN)

UiO Naturhistorisk  
museum

Artsdatabanken (NBIC)

# PID RESOLVER (PURL + UUID)

**gbif.no resolver**

*23134119 records*

- **Event:** [urn:uuid:00b798d1-09cf-4571-b56a-06455b5de271](#)

**Occurrence:** [urn:uuid:58c84deb-4d82-46e3-a109-527b2bac3d69](#)

**Measurement or Fact:** [urn:uuid:5b0cd1c4-cf9e-4fbb-a995-f2b959d69f6c](#)

# DCAT-AP METADATA CATALOG SERVICES

arts

 Søk

Søket ga 42 treff i datasett, 0 treff i API-er, 0 treff i begreper og 0 treff i informasjonsmodeller

**Datasett (42)**

API-er (0)

Begreper (0)

Informasjonsmodeller (0)

**Relevans**

Sist publisert

^ Tema

- ☐ Miljø (27)
- ☐ Forvaltning og offentlig sektor (13)
- ☐ Økonomi og finans (12)
- ☐ Jordbruk, fiskeri, skogbruk og mat (6)
- ☐ Transport (1)

^ Tilgang

- ☐ Offentlig (41)
- ☐ Unntatt offentlighet (1)

## Artskart - funn av arter

Eier: Artsdatabanken Miljø

Datasettet inneholder stedfestet informasjon om arter observert eller funnet i Norge. Funndataene følger datastandarden Darwin Core Archive (se <http://rs.tdwg.org/dwc/> for detaljer). Datasettet inneholder også informasjo...



**Datasettet er offentlig**

Distribusjonstype: undefined (CSV)





Herb. Univers. Osloensis  
*Heterodermia diademata* (Tayl.) Awas.

KENYA

Rift Valley Prov. Uasin Gishu Distr.

5 km NW of Timboroa summit, on  
moist brush by lake, and fence posts.

0-04 N 35-32 E 2650 m

2/1973 2K19/138 Hildur Krog

O-L-185347

[Sign up](#) or [Sign in!](#)  
(4 transcriptions)

Scientific name: *Heterodermia diademata* (Tayl.) Awas.

Country: Kenya

Province: Rift Valley Prov.

District: Uasin Gishu Distr.

Locality: 5 km NW of Timboroa summit,  
on moist brush by lake, and  
fence posts.

Habitat: moist brush by lake

Position: 0-04n 35-32e  
[Show map...](#)

Elevation: 2650 m

Collector: Hildur Krog

Collector no: 2K19/138

Date: Day 2 1973

[Skip this record...](#) [Next record...](#)

[Show help...](#)

TLC (..../.):

zeorin

atranorin

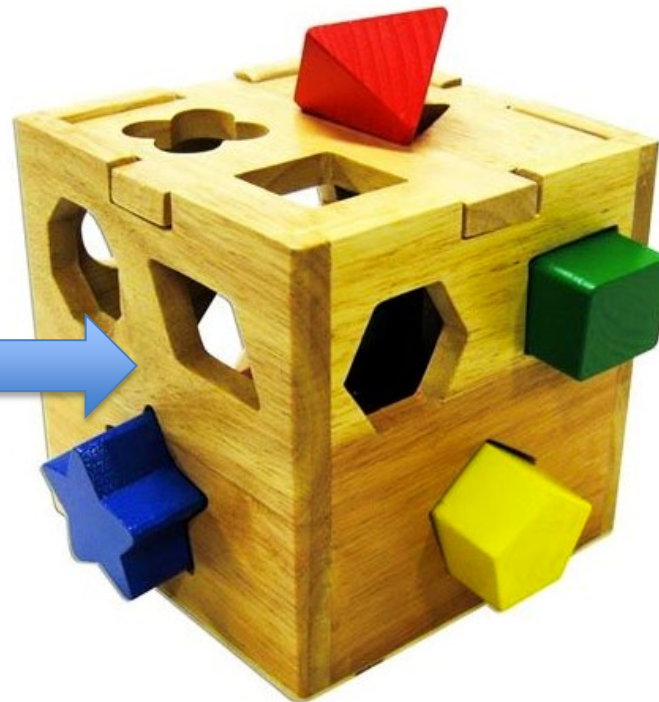
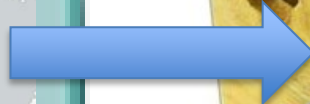
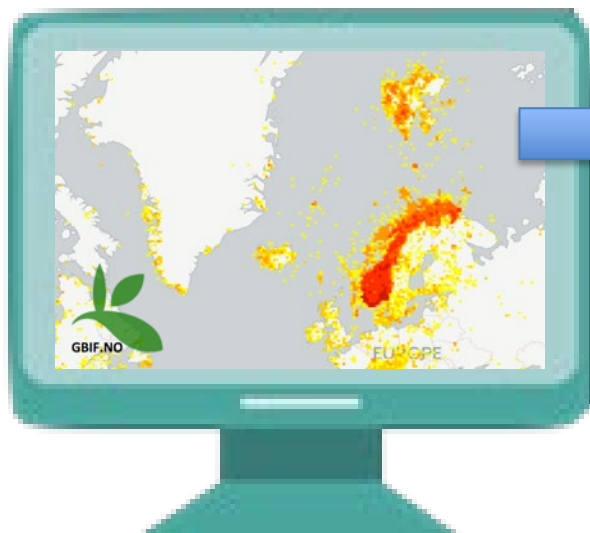
Hildur Krog 19.







# DATA CLEANING SERVICES



# BioDATA



Direktoratet for  
internasjonalisering  
og kvalitetsutvikling  
i høyere utdanning

**Capacity building: Data capture & data publishing**  
**Tajikistan, Belarus, Ukraine, Armenia & Norway**  
UiO NHM, ForBio, GBIF Norway & GBIF Secretariat  
64 students & staff trained  
8 events over three years:

- 2018 Sep Oslo *Kick-off*
- 2019 Feb Minsk Belarus
- 2019 Jun Dushanbe Tajikistan
- 2019 Nov Minsk Belarus
- 2020 Apr Yerevan Armenia
- 2020 Oct Kiev Ukraine
- 2021 March Oslo Norway

**DIKU/SIU grant 2018–2021**

**Gbif.Es**  
elearning hosted by GBIF Spain





# European GBIF Nodes Meeting May 2019

The 2019 annual European GBIF Nodes meeting will be in [Oslo 22 to 24 May](#) at the UiO Natural History Museum in Oslo.



<https://LivingNorway.no>

## “Kick-off” workshop in late June, Trondheim



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About Living Norway ▾

**Living Norway Ecological Data Network** is established as a joint effort to promote management of ecological data from Norwegian research institutions in agreement with **FAIR** principles. This includes data mobilization efforts, development and deployment of new tools and e-infrastructure, contributing to the international development of data standards, and development of education and training for students and established researchers. Living Norway is currently working to secure funding for increased activity. Once established, Living Norway will contribute to and be part of the **Living Atlas community**. Living Norway is embedded with the **Norwegian node** of the Global Biodiversity Information Facility (GBIF).



### NEWS

- **Living Norway Ecological Data Network has been launched!**

### TWEETS FROM GBIF NORWAY

Tweets by @GBIFNorway



GBIF Norway Retweeted



**Biodiversity\_Next**  
@biodiv\_next

How do we stop biodiversity loss? What new science & techniques do we need? What new policies? We want to build a global infrastructure for biodiversity data. Together. Join us at Biodiversity\_Next this October. Register [biodiversitynext.org/register-now/](https://biodiversitynext.org/register-now/) #biodiversitynext