# **DINA-Web Module Map**

#### Data entities and access APIs

#### Collection Data Module

[based on DINA-Web collection data model (dw-CDM), which is a revised Specify data model]

#### Collections

Institutions, disciplines

## Collection Object

Catalog no, attr., media, determ., preparation

# Locality

Coordinates, elevation, stratigraphy

#### User

Specify role, permissions

## Reference Work

[RefBank]
Journal article, book, etc.

## Transaction

Loan, borrow, deacc., exchange

## Agent

Name, institution, address, etc

## Storage

Room, cabinet, drawer etc

## Separate modules or external services with their own data models

#### Taxonomy [PlutoF]

Reference taxonomies: PlutoF, WORMS, CoL etc

# DNA [SeqDB]

DNA sequences, genotypes, lab data

#### Media

Images, video, sound, documents

#### Geography

Place names, regions countries etc

# Users [keycloak]

DINA role, open auth SSO

# Web portals, UIs and CLI tools

#### DINA CollMan

[http://beta-cm.dina-web.net]
Collection Manager UI

#### **Collection Portal**

[naturarv.se]
Public coll. web portal

#### Admin UI

Generate reports for museum administration

#### **Barcode Portal**

[http://dna-key.se] Portal to barcode libs

# Python CLI

Python library for data wrangling

## DINA-R

R interface for data wrangling

#### BiomediaBank

Public mirrored media repository interface

## Species Pages

[http://naturforskaren.se] Biodiv. encyclopedia