



www.plutof.com

Plutof

online data management platform for the
Biodiversity

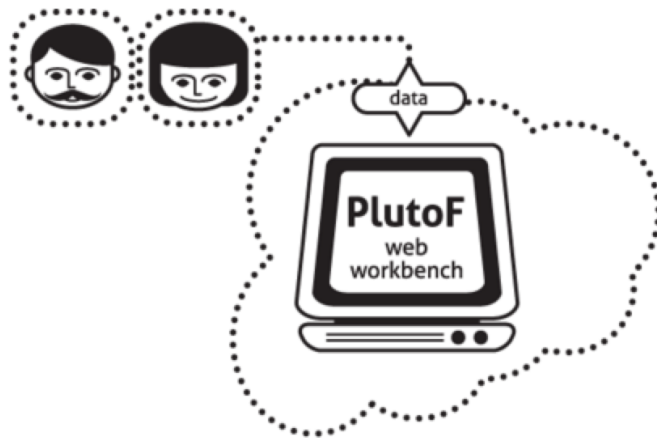
Urmas Kõljalg
University of Tartu, Estonia



2-5 Nov 2016, Tartu, Open Data Course

Free online platform to work with biology-related data

Hosting **all your data in one place**, integrated, ready for the online editing and publishing



Create, manage, share, analyse and publish biology-related databases and projects

[Read more](#)

News

PlutoF and Pensoft started to develop new publishing systems,






In November 9-12, PlutoF team visited academic publishing company Pensoft in Bulgaria. The aim was to develop prototype connecting the two systems - Pensoft's ARPHA writing tool and PlutoF Biodiversity Platform. This is multi-phase development project.

Estonian bird observations are published in global biodiversity portal GBIF

Regular bird observations and observations made with mobile application "Minu loodusheli" are now available through GBIF portal. Original source of data is PlutoF - information system for biodiversity developed by the Natural History Museum (University of Tartu).

[See more](#)

Get Started

-  Projects
-  Collections
-  Monitoring and Conservation
-  Taxonomy
-  Ecology

[See more](#)

LINKED DATA

Persons

Images

Classifications

References

Videos

Projects, Studies, Expeditions

Sounds

Sampling areas

Organisations

Taxa

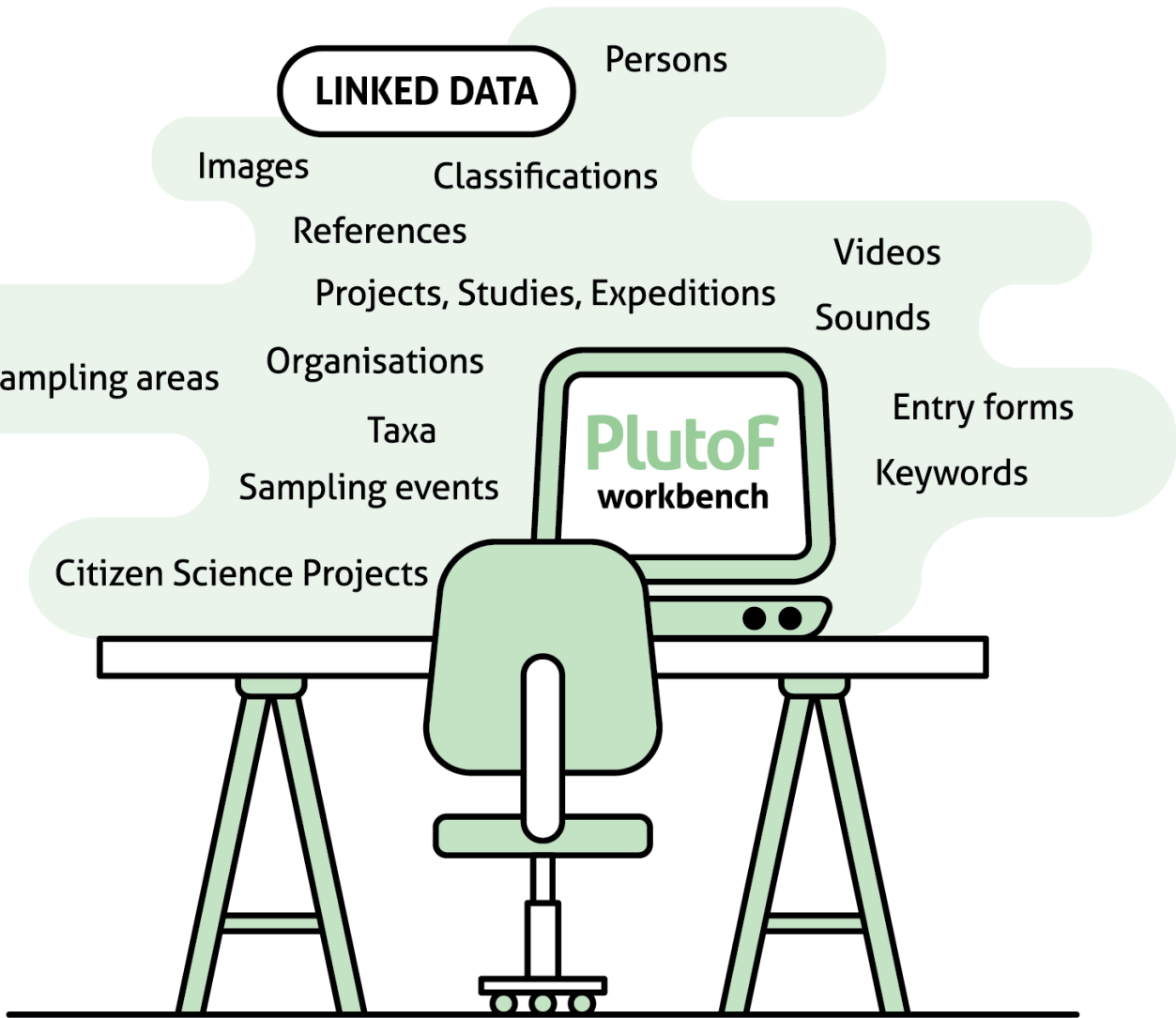
Entry forms

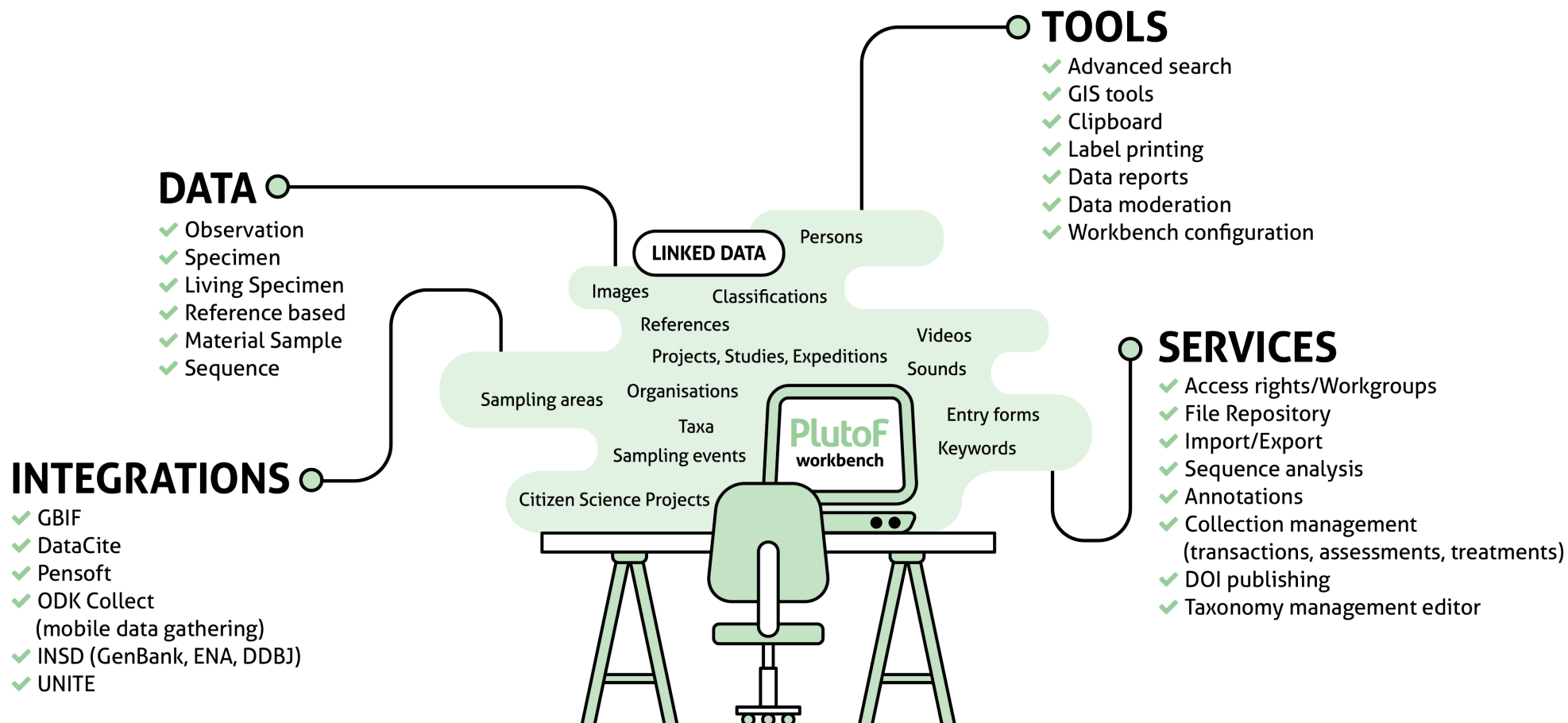
Sampling events

Keywords

Plutof
workbench

Citizen Science Projects





DATA

- ✓ Observation
- ✓ Specimen
- ✓ Living Specimen
- ✓ Reference based
- ✓ Material Sample
- ✓ Sequence

TOOLS

- ✓ Advanced search
- ✓ GIS tools
- ✓ Clipboard
- ✓ Label printing
- ✓ Data reports
- ✓ Data moderation
- ✓ Workbench configuration

INTEGRATIONS

- ✓ GBIF
- ✓ DataCite
- ✓ Pensoft
- ✓ ODK Collect
(mobile data gathering)
- ✓ INSD (GenBank, ENA, DDBJ)
- ✓ UNITE

SERVICES

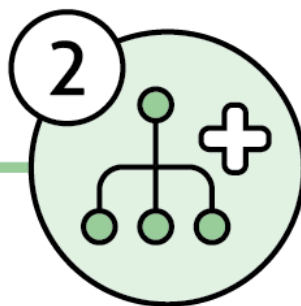
- ✓ Access rights/Workgroups
- ✓ File Repository
- ✓ Import/Export
- ✓ Sequence analysis
- ✓ Annotations
- ✓ Collection management
(transactions, assessments, treatments)
- ✓ DOI publishing
- ✓ Taxonomy management editor

Workflows

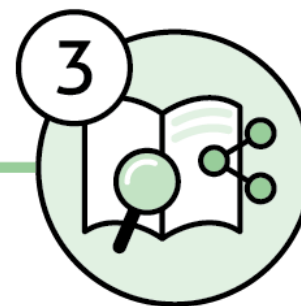
Getting started



Register/Login



Create/Import
Taxon Occurrences



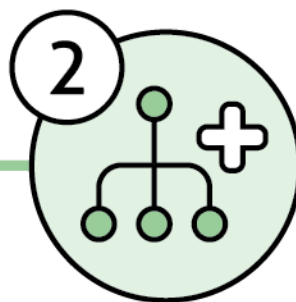
Search
Manage
Share
Publish

Workflows

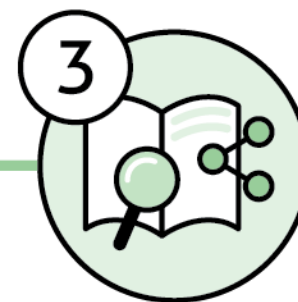
Research Projects



1
Create Project
(Areas and Input Forms)



2
Create/Import
Taxon Occurrences



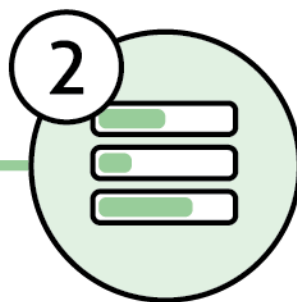
3
Search
Manage
Share
Publish

Workflows

Analyses



Upload Data



Start Analysis
(seriateBLAST, ITSx,
ATOSH)



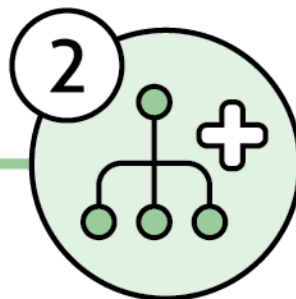
View and
Store Results

Workflows

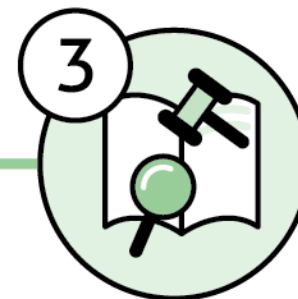
Citizen Science Projects



1
 Create and Configure
 Project
 (Areas, Input Forms,
 Taxon Restrictions,
 Public Page)



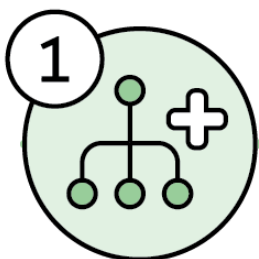
2
 Gather Taxon
 Occurrence Data
 (ODK Collect, mobile
 application, web
 workbench)



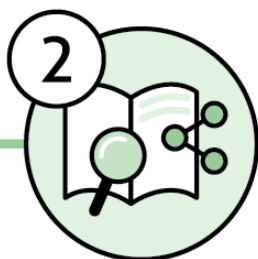
3
 Moderate
 Search
 Manage
 Publish

Workflows

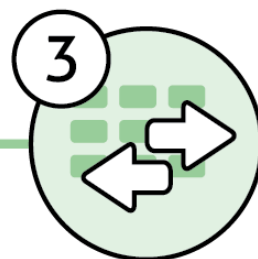
Collections



1
Create/Import
Specimen Records



2
Search
Manage
Share
Publish



3
Collection Transactions
(loans, borrows,
assessments,
treatments)



4
Label printing
and Reports



UNITE Community

<http://unite.ut.ee>





Thank you!

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