Taller: Información sobre biodiversidad para la conservación medioambiental
15-18 de abril, 2013. Costa Rica

Nodes Portal Toolkit

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Contents

- Introduction
- Nodes Community Requirements
- Way Forward

Nodes Portal Toolkit

- Envisioned as a **suite of informatics tools** designed to help GBIF Participants to **deploy, maintain and extend biodiversity data portals** (at the national, regional or thematic levels).
- Extensible to accommodate custom needs
  - New features added by Nodes community
  - Shared with other Nodes

NPT Objectives

- Deployment, development and maintenance, of national, thematic, regional biodiversity p ortals.
- Develop a technical strategy backed by the GBIF community.
- Establish a mechanism for Nodes to work t ogether on their own portals.

The Situation

Case 1: No website available and little technical capacity. => A simple, hosted web site.

Case 2: No web portal or have a portal with limited functionality => A collaborative web development platform.

Case 3: Established web presence => Access to processed GBIF data.

Case 4: Establish own local data harvesting infrastructure => Access to local raw data

"One-solution-fits-all”
is not an option

A Phased Approach

NPT Startup "Jumpstart" instances [Case 1]

NPT Startup [Case 1, Case 2]

NPT Advanced [Case 2, Case 3, Case 4]

NPT Data Services [Case 3, Case 4]

A website construction platform

- NPT is a website building tool
- Provides a foundation for extending features and capabilities

= NPT

NPT is built on an open source platform

- A “content management system” called Drupal
- Drupal is the basis of millions of websites worldwide
- Actively maintained by over 12,000 developers
- Scratchpads is a Virtual Research Environment to gather, share, and publish information on the biodiversity of life that is in use since 2006.

The basic NPT platform provides everything needed to start a web site

Non-technical staff can just start adding content!

NPT Startup

The target audience:

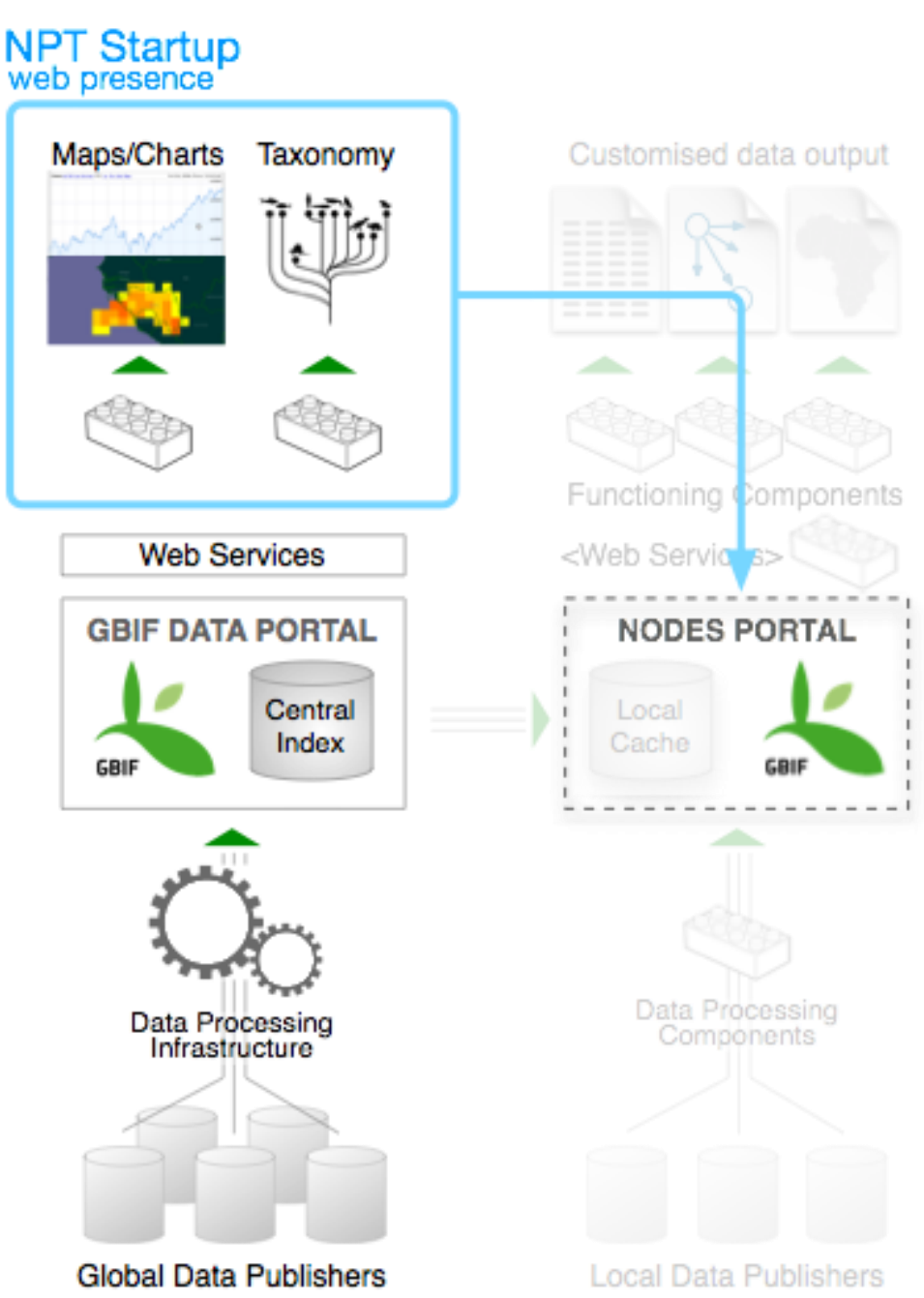
- Nodes that have limited web presence

The approach:

- Using the country checklist generated from the GBIF mediated data to dynamically retrieve biodiversity information from GBIF & EOL.

The result:

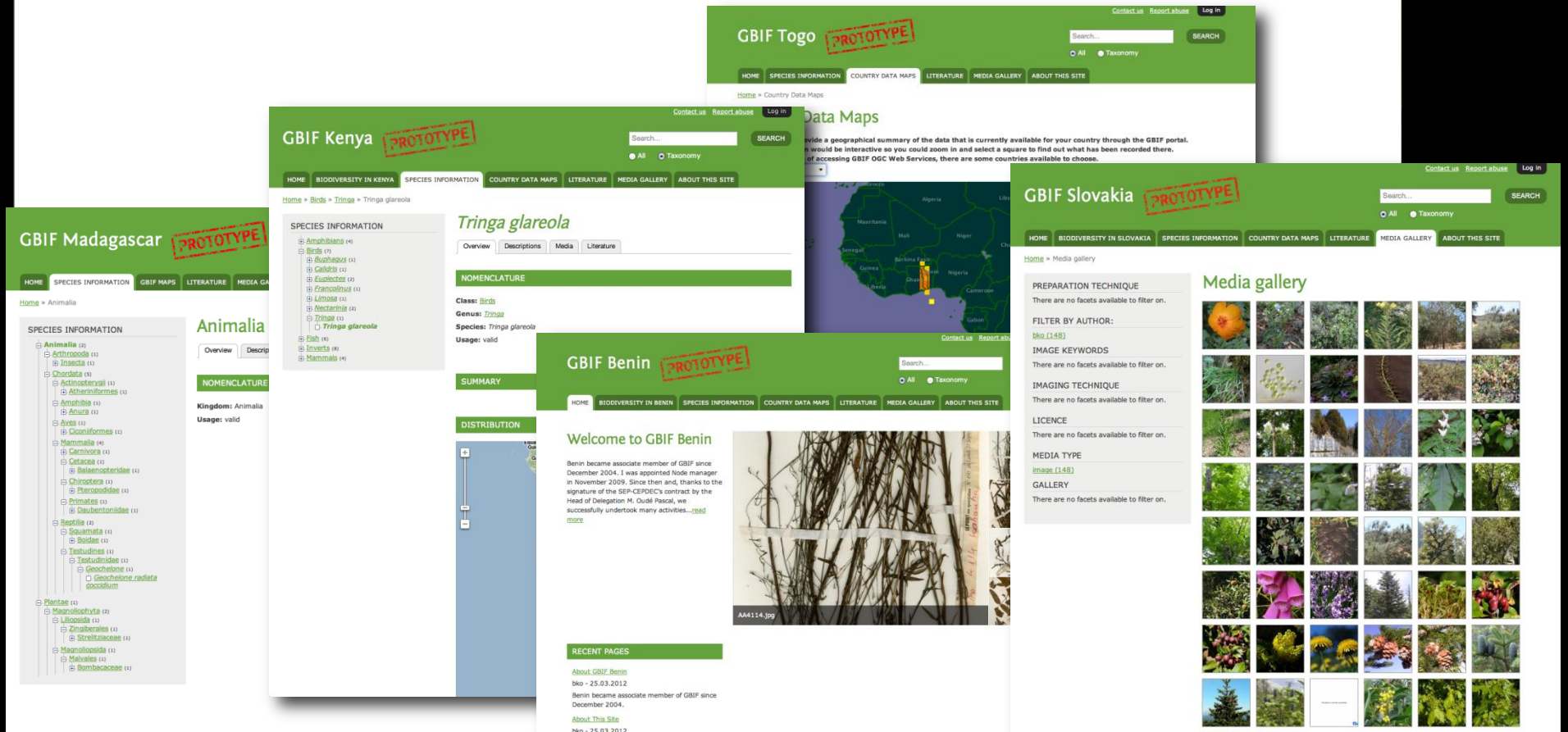
- A web portal that is easy to set up and customise, and enables joint development.



GBIF
www.gbif.org

The Concept Demonstrated

- While building NPT Startup, some country sites were initiated to demonstrate the concept.



Benin

Log in or Create a new account

Search...

All Taxonomy

Home News Facts Media gallery Species information Specimens

Home

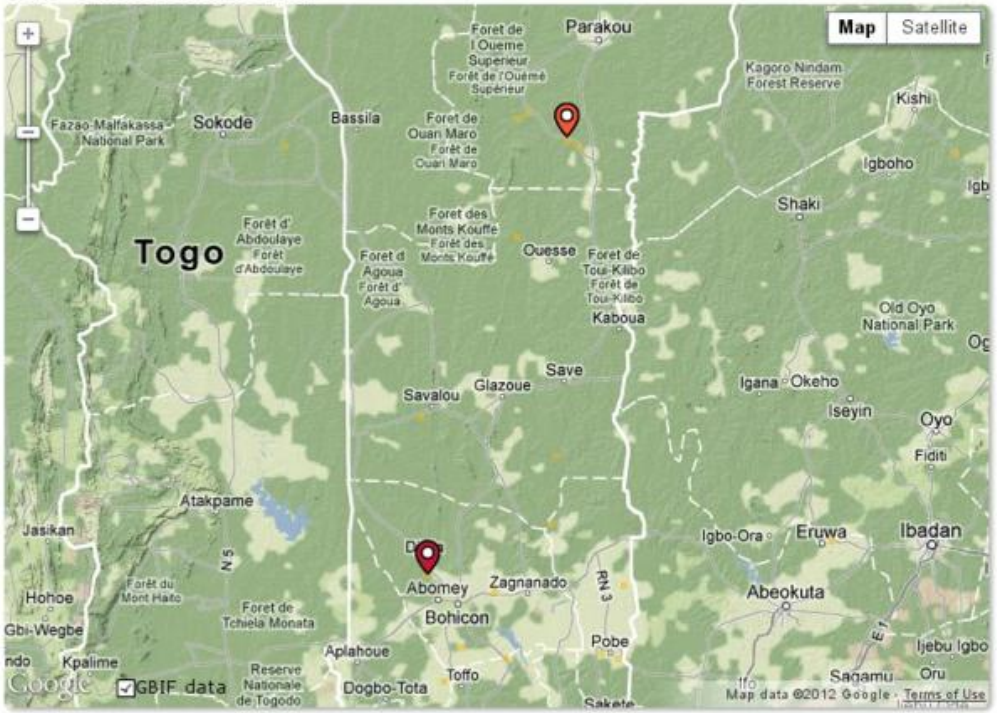
Species information

- **Abrus fruticulosus**
- Abrus precatorius
- Acacia
- Acacia ataxacantha
- Acacia dudgeonii
- Acacia erythrocalyx
- Acacia hockii
- Acacia nilotica subsp. indica
- Acacia polyacantha subsp. campylacantha
- Acacia senegal
- Acacia seyal var. seyal
- Acacia sieberiana var. villosa
- Adenium obesum
- Adenodolichos paniculatus
- Adenopodia scelerata
- Aeschynomene afraspera
- Aeschynomene cristata
- Aeschynomene elaphroxylon
- Aeschynomene nilotica
- Aeschynomene sensitiva
- Aeschynomene tambacoundensis
- Afzelia africana
- Aganope stuhlmannii
- Aidia genipiflora
- Alafia barteri
- Alafia benthamii
- Alafia landolphioides
- Albizia adianthifolia
- Albizia chevalieri
- Albizia glaberrima
- Albizia zygia
- Alternanthera sessilis
- Alysicarpus
- Alysicarpus ovalifolius
- Alysicarpus vaginalis
- Amblygonocarpus andongensis

Abrus fruticulosus

Overview | Descriptions | Media | Maps | Specimens

GBIF Global Distribution



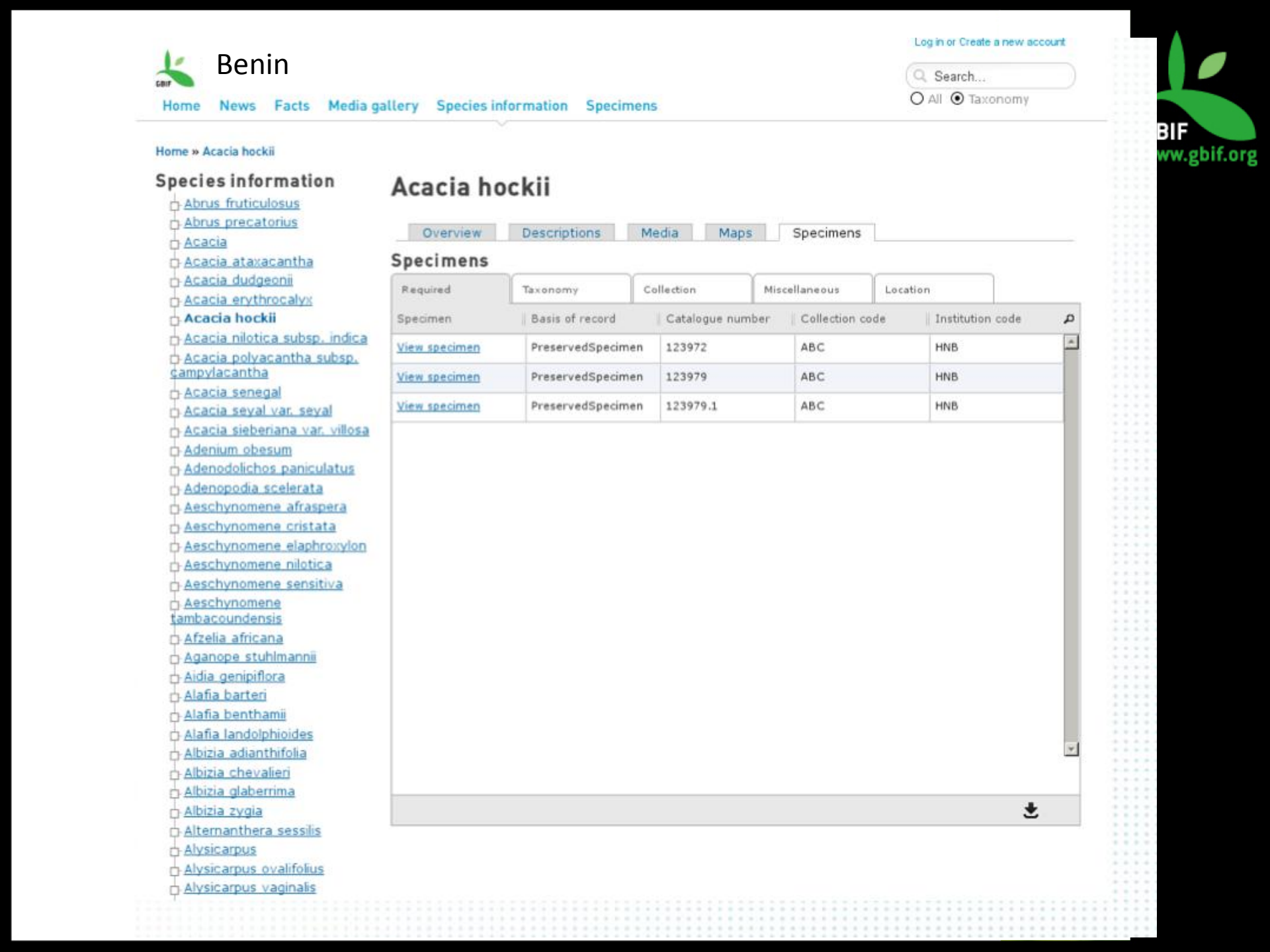
Nomenclature

Unranked: Abrus fruticulosus

Distribution

Specimen count

There are 2 specimens for this taxon.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Search...
All
Taxonomy
Home
News
Facts
Media gallery
Species information
Specimens
Home » Acacia hockii
Species information
Abrus fruticulosus
Abrus precatorius
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Albizia adianthifolia
Albizia chevalieri
Albizia glaberrima
Albizia zygia
Alternanthera sessilis
Alysicarpus
Alysicarpus ovalifolius
Alysicarpus vaginalis
Acacia hockii
Overview
Descriptions
Media
Maps
Specimens
Specimens
Required
Taxonomy
Collection
Miscellaneous
Location
Specimen
Basis of record
Catalogue number
Collection code
Institution code
View specimen
PreservedSpecimen
123972
ABC
HNB
View specimen
PreservedSpecimen
123979
ABC
HNB
View specimen
PreservedSpecimen
123979.1
ABC
HNB
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All Taxonomy Specimen/Observation

Home News Facts Media gallery Species information Specimens

Home

HNB:ABC:123972

2012-11-08 17:10 -- admin
Basis of record:
PreservedSpecimen
Institution code:
HNB
Collection code:
ABC
Catalogue number:
123972
Taxonomic name:
Acacia hockii
Date identified:
to Thursday, February 1, 2001
Field number:
00000000000197

Lou2 (10.316667,3.450000)

2012-11-08 16:46 -- admin
Georeference protocol:
GPS
Locality:
Lou2

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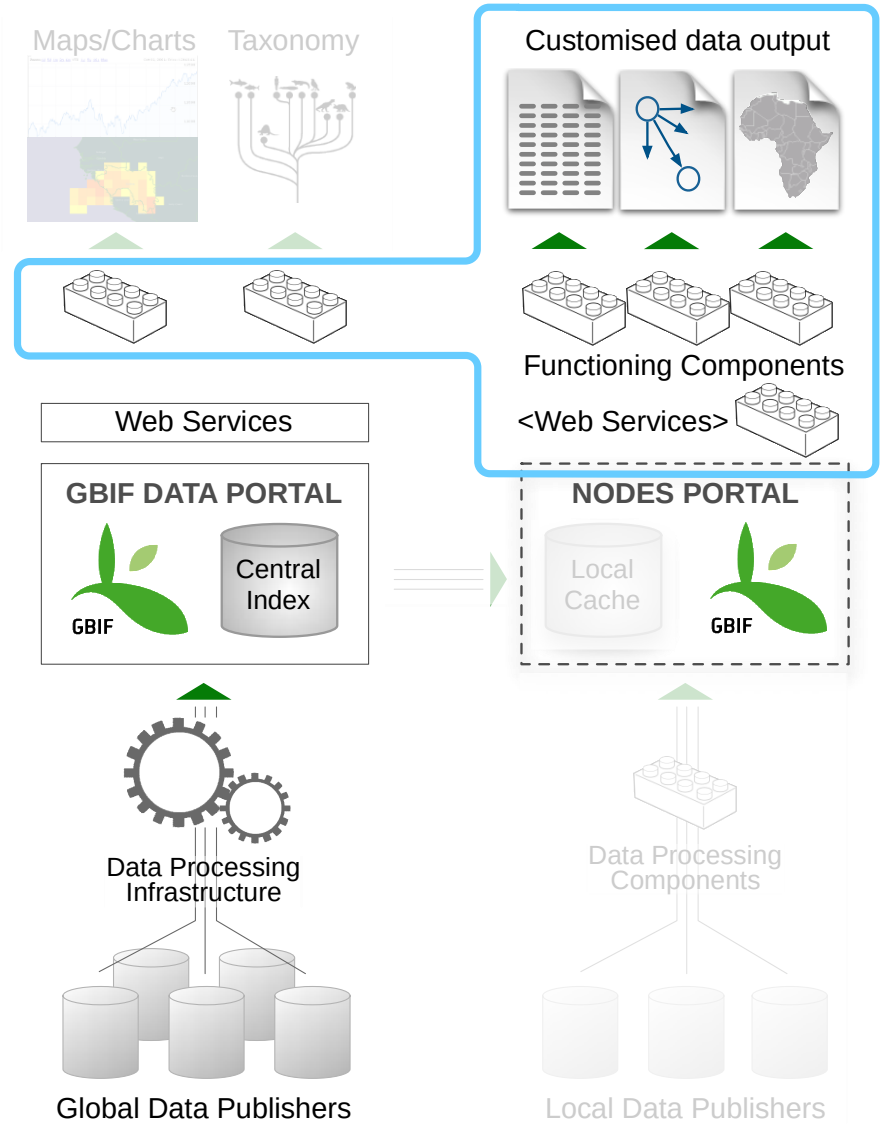
NPT Advanced
site building blocks



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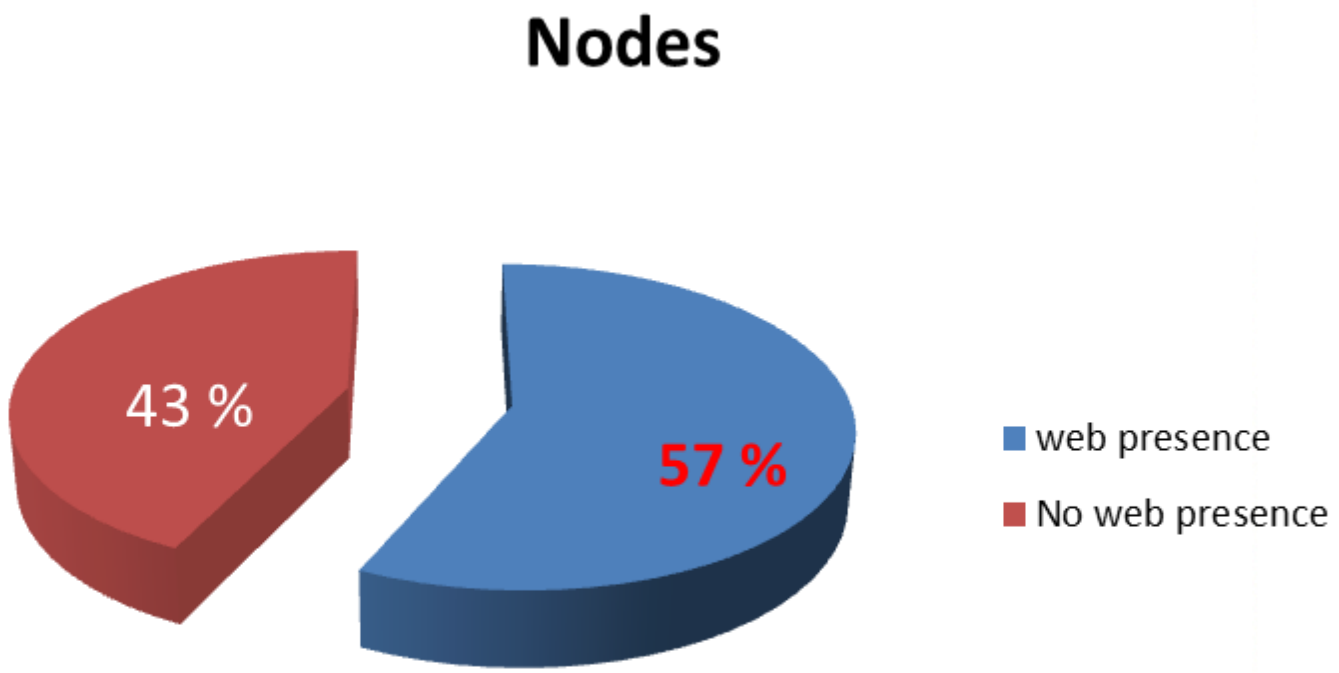
www.gbif.org

Post-GB18 Survey result (2011)

Amount of GBIF Participants without web presence



N = 58 Participant Countries

Post-GB18 Survey result

Question	Overall	Country Participant	Associate Participant
Are you interested in using NPT Startup for your biodiversity data-portal?	47	41	6
Are you interested in participating (development, expertise, funding, hosting, training...) in NPT Startup?	31	26	5
Do you agree that Drupal is fit for the development of your web portal?	38	32	6

NPT Startup

- An example site at http://nptstartup.gbif.org
- The code is available at https://git.scratchpads.eu/git/scratchpads-2.0.git as a branch “gbif-npt”
- Import the checklist requested separately by writing to nodes@gbif.org
- Finish the setup with initial news and textual contents

Way forward

- Establish a task group on developments around NPT Startup/Drupal
  - Nodes comes with development resources
  - To clarify roles of Nodes and GBIFS during the process
- Experience sharing / case studies in the global Nodes meeting at GB20.
- For more information about Nodes Portal Toolkit: *nodes@gbif.org*

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