

**GLOBAL
BIODIVERSITY**



INFORMATION FACILITY

GBIF data portal

Francisco Pando, GBIF Spain



NATIONAL MUSEUMS OF KENYA
WHERE HERITAGE LIVES ON

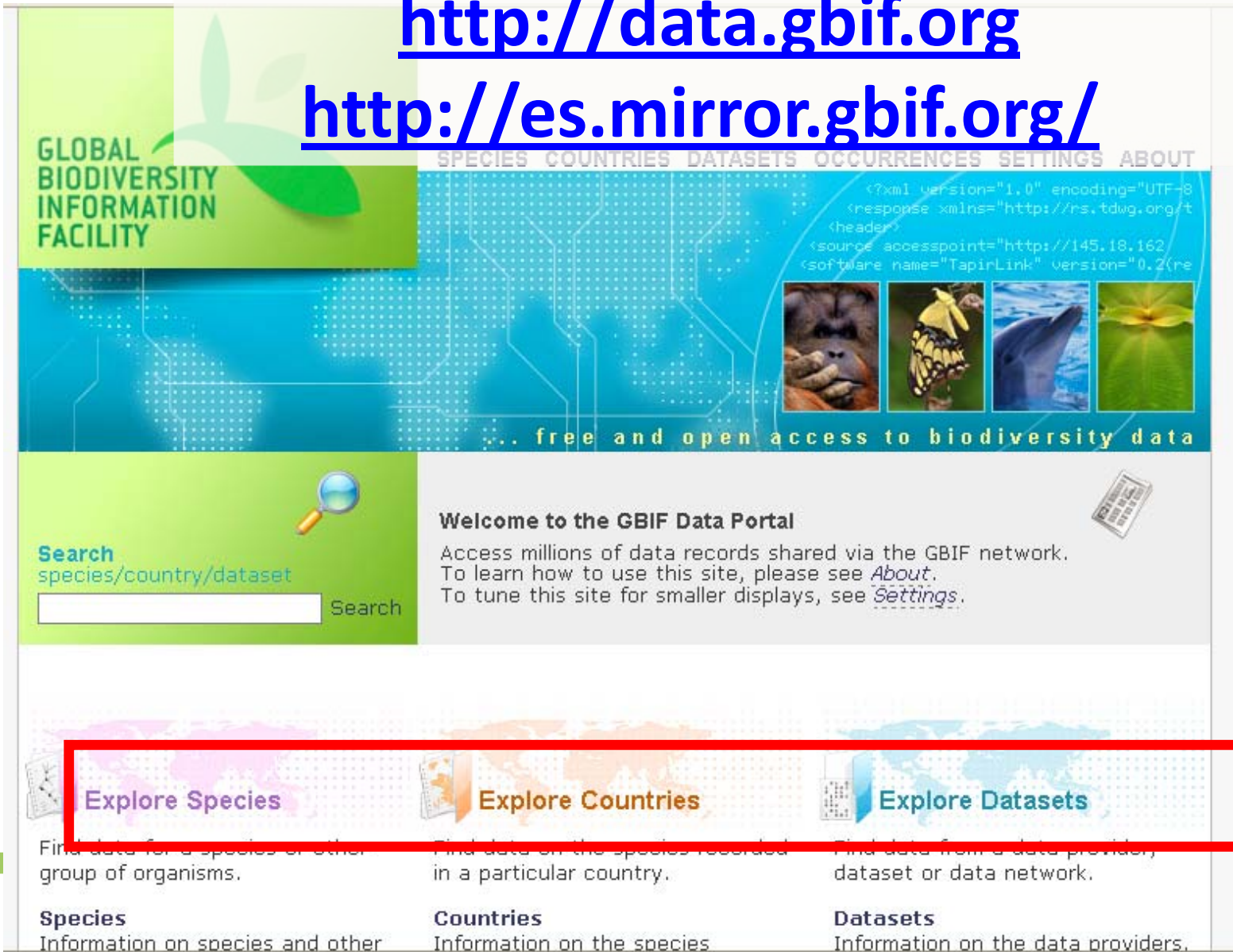
KENBIF TRAINING WORKSHOP

Nairobi, 6th to 7th June 2011

GBIF Data Portal: unified access

<http://data.gbif.org>

<http://es.mirror.gbif.org/>



The screenshot shows the GBIF Data Portal homepage. At the top left is the 'GLOBAL BIODIVERSITY INFORMATION FACILITY' logo. The main navigation bar includes links for 'SPECIES', 'COUNTRIES', 'DATASETS', 'OCCURRENCES', 'SETTINGS', and 'ABOUT'. Below this is a banner with a world map and the text '... free and open access to biodiversity data'. A search bar is located on the left, with a magnifying glass icon and the text 'Search species/country/dataset'. The main content area features a 'Welcome to the GBIF Data Portal' message, followed by a paragraph: 'Access millions of data records shared via the GBIF network. To learn how to use this site, please see *About*. To tune this site for smaller displays, see *Settings*.' Below this are three main navigation buttons: 'Explore Species', 'Explore Countries', and 'Explore Datasets'. Each button is accompanied by a small icon and a brief description of what it offers. A red box highlights the 'Explore Species', 'Explore Countries', and 'Explore Datasets' buttons and their descriptions.

GLOBAL BIODIVERSITY INFORMATION FACILITY

SPECIES COUNTRIES DATASETS OCCURRENCES SETTINGS ABOUT

```
<?xml version="1.0" encoding="UTF-8
<response xmlns="http://rs.tdwg.org/t
<header>
<source accesspoint="http://145.18.162
<software name="TapirLink" version="0.2(re
```

... free and open access to biodiversity data

Search
species/country/dataset

Search

Welcome to the GBIF Data Portal

Access millions of data records shared via the GBIF network.
To learn how to use this site, please see *About*.
To tune this site for smaller displays, see *Settings*.

Explore Species
Find data for a species or other group of organisms.

Explore Countries
Find data on the species recorded in a particular country.

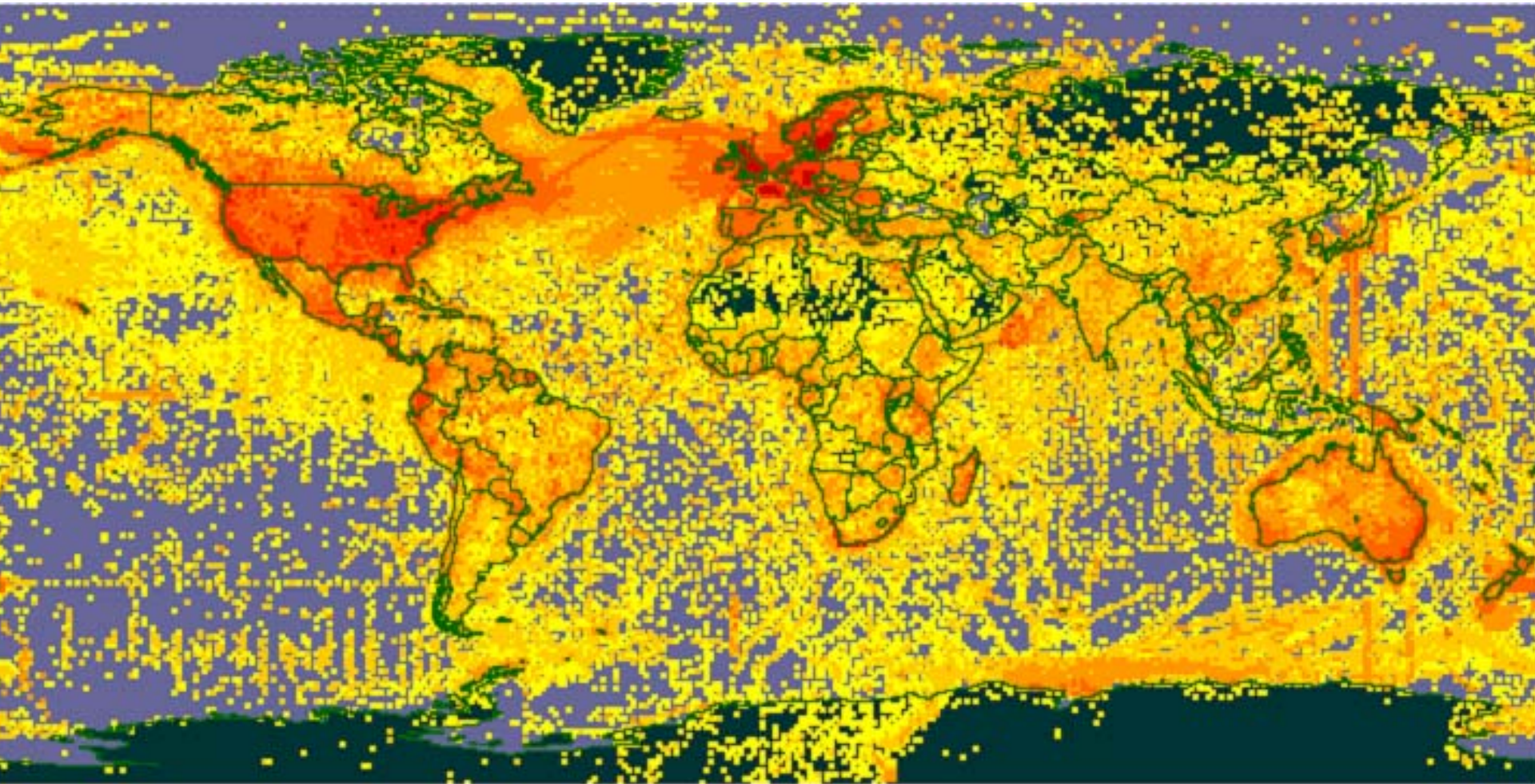
Explore Datasets
Find data from a data provider, dataset or data network.

Species
Information on species and other

Countries
Information on the species

Datasets
Information on the data providers.





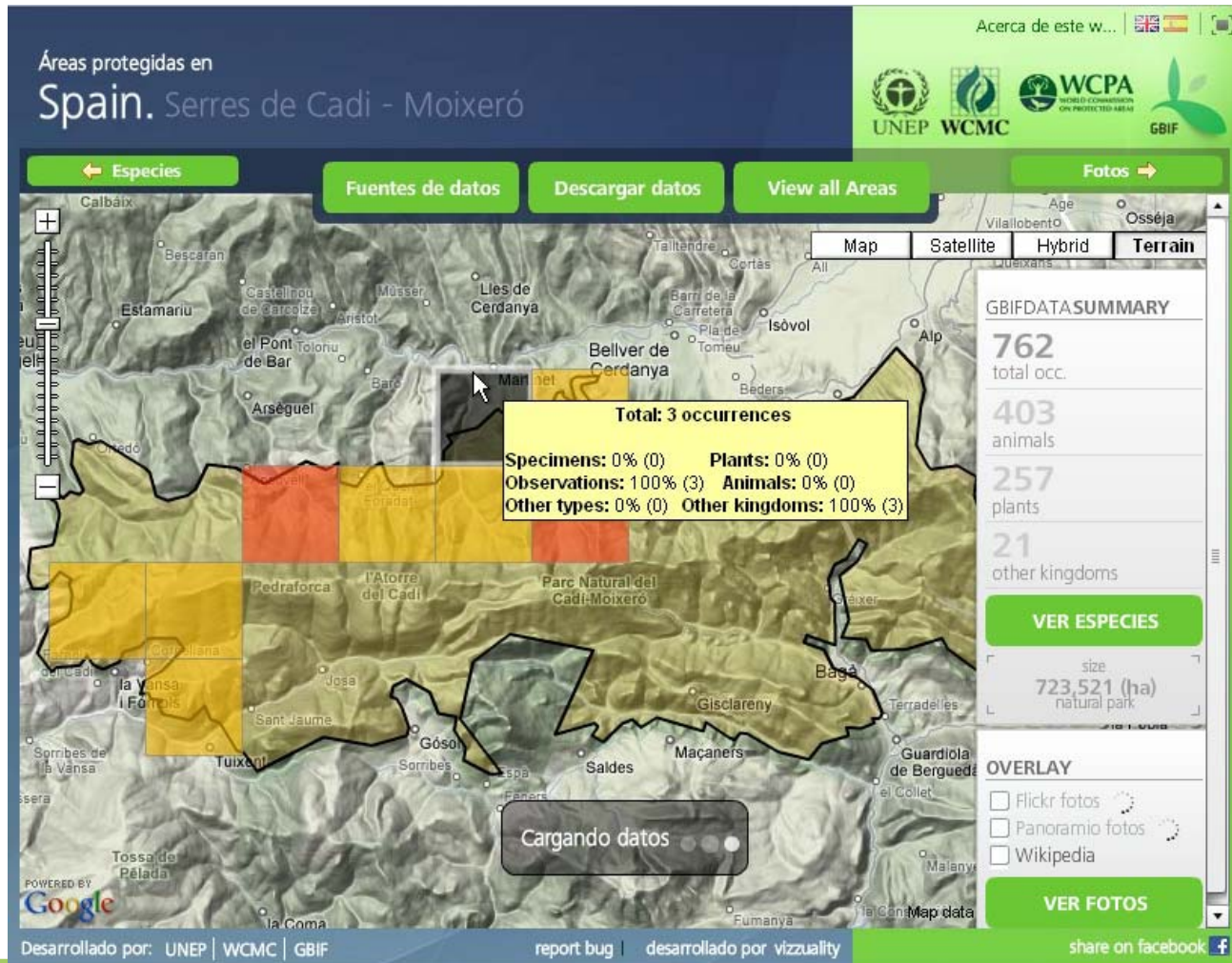
321 servers

10.443 databases


267.374.767 records

<http://data.gbif.org>

Specialized data portals: data integration



Áreas protegidas en Spain. Serres de Cadi - Moixeró

Acerca de este w... | 

UNEP WCMC WCPA GBIF

Especies Fuentes de datos Descargar datos View all Areas Fotos

Map Satellite Hybrid Terrain

Total: 3 occurrences

Specimens: 0% (0)	Plants: 0% (0)
Observations: 100% (3)	Animals: 0% (0)
Other types: 0% (0)	Other kingdoms: 100% (3)

GBIFDATA SUMMARY

762	total occ.
403	animals
257	plants
21	other kingdoms

VER ESPECIES

size 723,521 (ha) natural park

OVERLAY

- Flickr fotos
- Panorámio fotos
- Wikipedia

VER FOTOS

Cargando datos

Desarrollado por: UNEP | WCMC | GBIF report bug desarrollado por vizzuality share on facebook

WCMC-GBIF
"Widget":

Combines
polygone
information
(WCMC
protected areas
database with
occurrence data
(GBIF)



- <http://data.gbif.org>
 - Little functional development in recent months
 - Bug fixing activities only
 - Continues to grow in content
 - Jan 2010: 196 million
 - Aug 2010: 203 million
 - 2500 - 3000 visitors per day (plus web service use)
 - US visitors account approx 22% (2010 traffic)
 - 2nd is UK visitors at 5%

Data Portal Evolutions



- Portal will evolve by end 2011
 - Improved taxonomic services and content
 - Achieved through the Global Names Architecture
 - Improved attribution and provenance
 - Achieve by enhancing the Registry
 - Improved occurrence indexing
 - Scalable solution, richer fields, reduced latency... etc
 - Improved map visualisations
 - Custom information feeds
 - Abstracts, repatriation, records modified
 - Improved dataset metadata
 - Determining fitness for use