

ViBRANT

Virtual Biodiversity Research

Project reporting

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ViBRANT

Virtual Biodiversity Research and Access Network for Taxonomy

- ❑ EU FP7 project - 3 year
- ❑ Virtual Research Communities call
- ❑ Started 1 December 2010 – end 30 November 2013
- ❑ Budget: 4.750.000 EUR
- ❑ Project website <http://vbrant.eu>

**to provide a more effective framework for
managing biodiversity information on the Web**

Pre-ViBRANT landscape

Complex
Fragmented



Occurrence & vocabulary tools



EMBL-EBI
 BHL
 Scratchpads
biodiversity online
 Community Data Platform
 PESI
 Standards
 EDIT
 European Distributed Institute of Taxonomy
 CDM
 Platform for Cytotaxonomy
 Aggregation Portal
 4D4Life
 EU projects

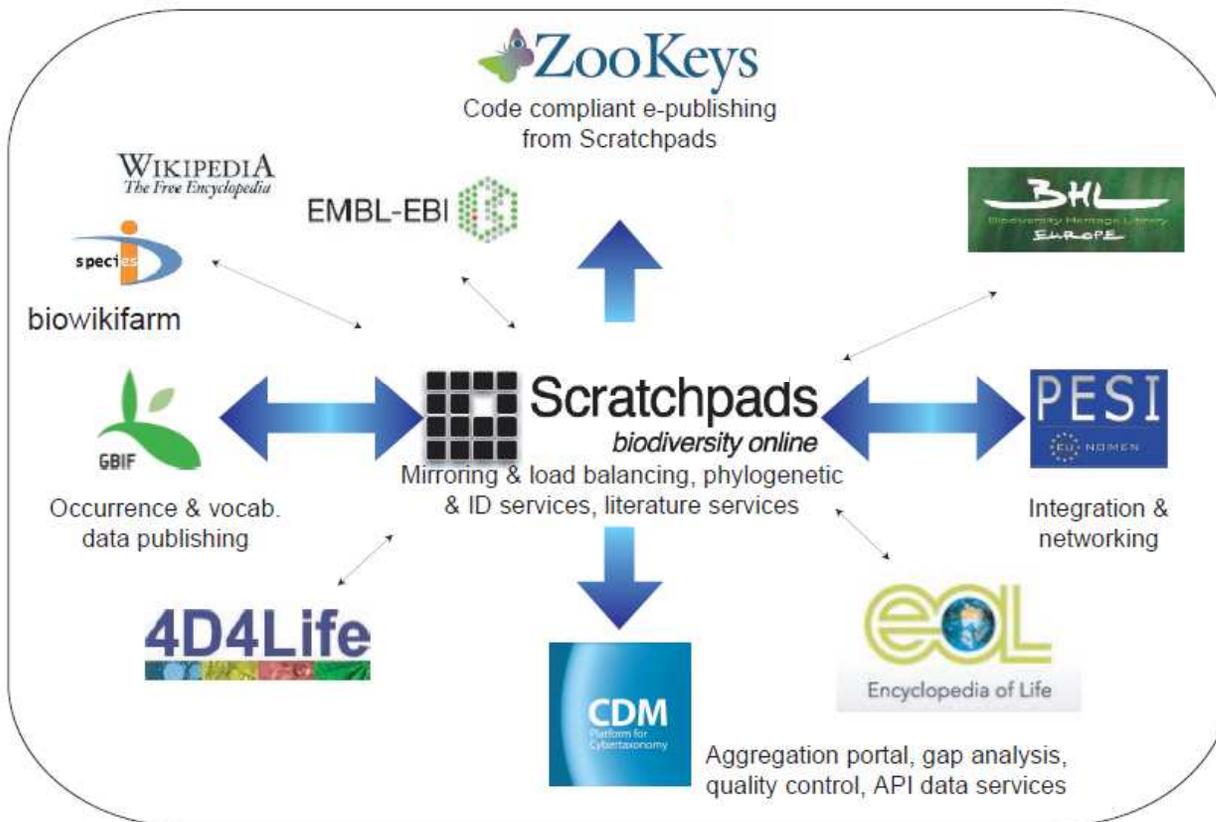


Post-ViBRANT landscape

INTEGRATED SUPPORT

Support Services (help desks, courses, networking)

Sociological research & feedback



ESFRI

LifeWatch (Prototype service centre)

ELIXIR (EBI metadata services)

EMBR (Support for marine research communities)

ViBRANTs contribution



17 partners in 9 countries
(universities, museums & SMEs)



Interoperability, workflows, services, information modeling & user support

Project goals

The “chromosome”

Vision

Connecting the people, data & science of biodiversity

Position

Open & sustainable development of a federated network of biodiversity informatics infrastructures

Mission

Facilitate the mobilisation, sharing and publication of biodiversity data



Some products and services

Scratchpads

Scratchpads

ViBRANT's hub

The collage features several ViBRANT scratchpads, each with a unique color scheme and layout:

- International Commission on Zoological Nomenclature:** A dark blue interface with a search bar and navigation tabs.
- Indian Leafhoppers and their relatives (Membracidea):** An orange interface featuring a large image of a leafhopper and a welcome message.
- Africhthy:** A green interface with a large image of a fish and a welcome message in multiple languages.
- Cypripedioideae:** A blue interface with a search bar and a large image of a slipper orchid.
- the Slipper Orchid:** A white interface with a large image of a slipper orchid and descriptive text.
- Arctic Flora of Canada and Alaska:** A green interface with a search bar and a large image of a white flower.
- Belgian Network for DNA Barcoding:** A blue interface with a search bar and a welcome message.
- Workshop: Virtual tools for the DNA taxonomist:** A white interface with a search bar and a list of upcoming symposiums.
- Lyme Regis Geo-Bio Blitz:** A blue interface with a search bar and a large image of a beetle.
- Sampled Red List Index for Plants:** A red interface with a search bar and a pie chart showing the current status of plants.
- Current status of plants:** A white interface with a search bar and a pie chart showing the current status of plants.

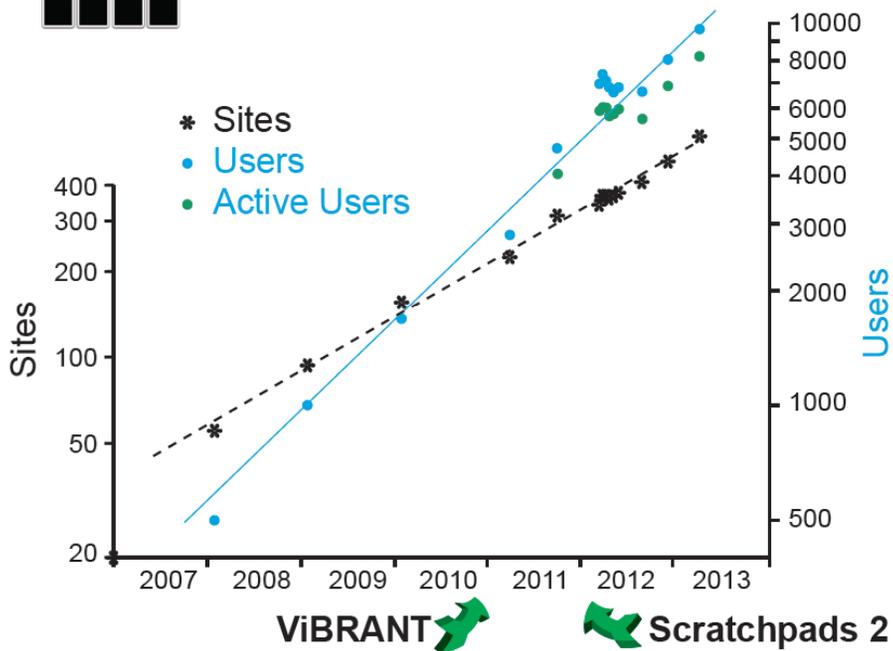



Image credit: NASA/Bill Ingalls

512 websites
6.500 active registered users

Some products and services

Biodiversity data journal

Scholarly publishing



The BDJ is very different...

Pensoft Writing Tool

<http://biodiversitydatajournal.com>

Some products and services

GeoCAT

Data services

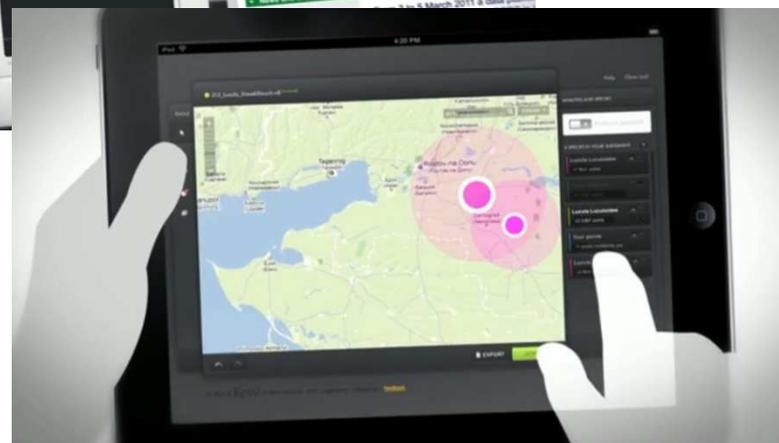
Geospatial Conservation Assessment Tool

Supporting red list threat assessments with GeoCAT

Geospatial Conservation Assessment Tool

Javier de la Torre
Vizzuality

@jatorre



open source tool to perform
geospatial analysis and
visualization of Red List data

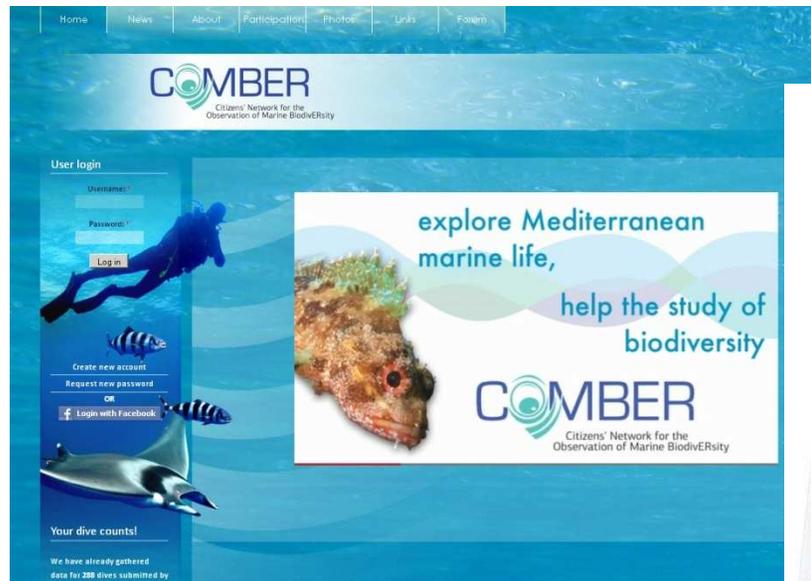
<http://vimeo.com/22739331>

Some products and services

COMBER

Ecological & conservation data mobilisation

Citizens' Network for the Observation of Marine Biodiversity



dive
observe
record
share

<http://www.comber.hcmr.gr>

Sustainability of products and services beyond ViBRANT

	<i>Status</i>
Scratchpads	secure
Platform for Cybertaxonomy.	secure
Biowikifarm	secure
PWT & Scratchpad publication tool	secure
Nodes Portal Toolkit Startup	secure
OBOE	uncertain
RefBank	reasonably secure
GoldenGATE	reasonably secure
Xper2	secure
GeoCAT	secure
CartoDB	secure
COMBER	reasonably secure

Thanks!



Questions?

vibrant.eu