

Biodiversity Informatics 1.

What things are you interested in?

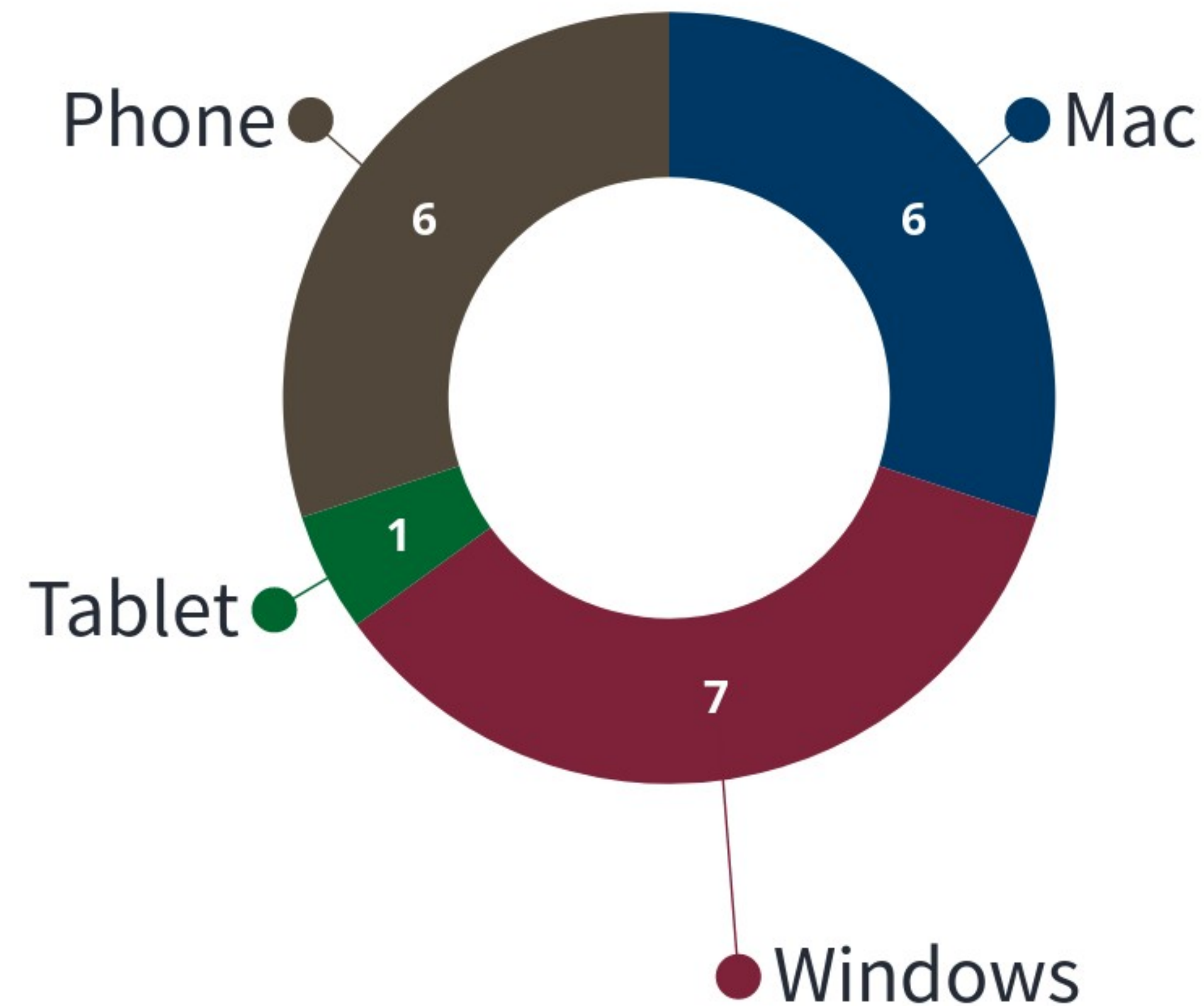
central and south america programming in r python
r python matlab and c epidemiology spatial ecology
biodiversity informatics phylogenetic trees
pinnipeds phylogenetics ecology amr infectious disease
biodiversity phylogeny animal movement
genetics conservation data analysis
measuring biodiversity disease vectors
antimicrobial resistance

What skills do you have?

malaria vector biology
r python matlab and c plu
github aesthetic scicomm
communication
phylogenetics r git hub
r studio
dna barcoding
presentation
qgis and arcgis
microsoft
scicom

computer do you
Linux, iOS, An

Hardware/OS



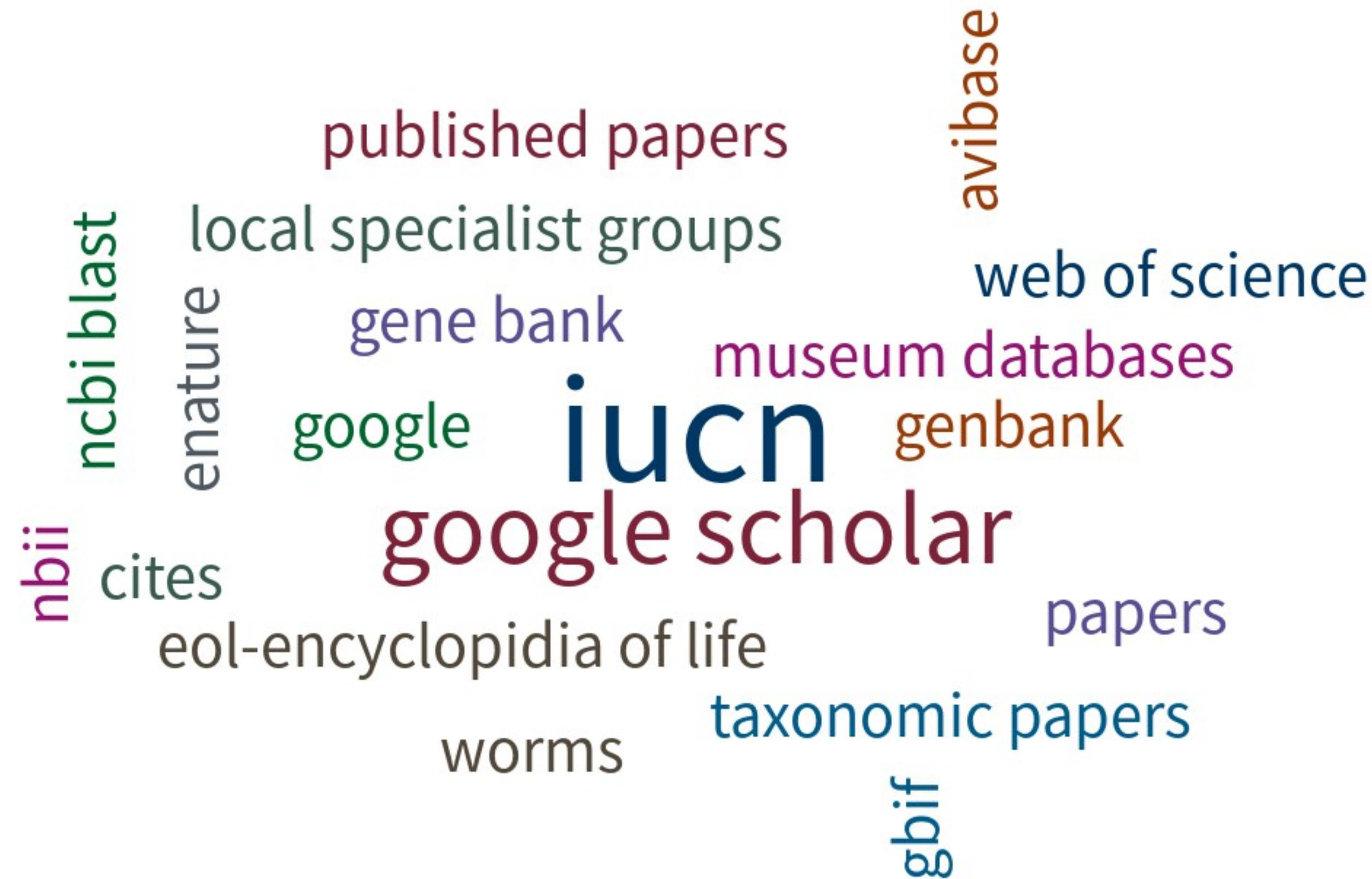
Lecture



Questions on the lecture

3 questions
0 upvotes

What sources of species information are available?



Make a list of sources and their features

<http://bit.ly/2ON8ldi>

Finding out about one species

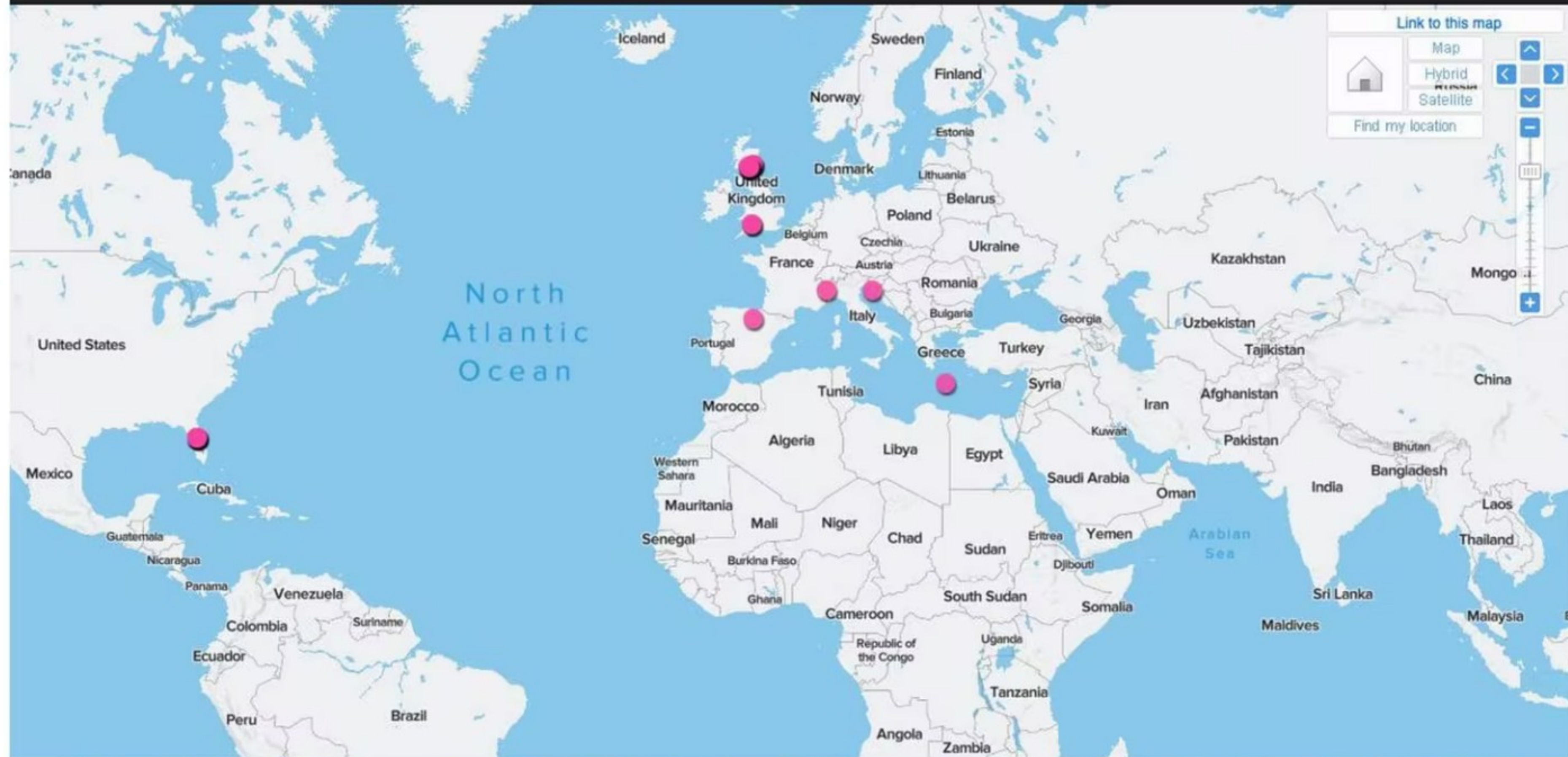
<http://bit.ly/3qyHBuB>

The web is not just for web pages (there's data too)

<http://rdmpage-teaching.herokuapp.com/pgt/services/inspector.php>



RSS feeds



Link to this map

Map
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Flotsam in the [Encyclopedia of Life Images](#) group (170,425)

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mapbox

1000 km
1000 mi

Leaflet | © Mapbox © OpenStreetMap [Improve this map](#)

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Taking data from RSS feed to make your own website

[http://rdmpage-
teaching.herokuapp.com/pgt/course/introduction/leafletrss.html](http://rdmpage-teaching.herokuapp.com/pgt/course/introduction/leafletrss.html)



Mashups

<https://ispecies.org>

What information do you think is missing from the iSpecies mashup?



Observations



Species

Location

Go

Filters

The World

30,938,848
OBSERVATIONS254,896
SPECIES108,918
IDENTIFIERS842,402
OBSERVERS

Map

Grid

List

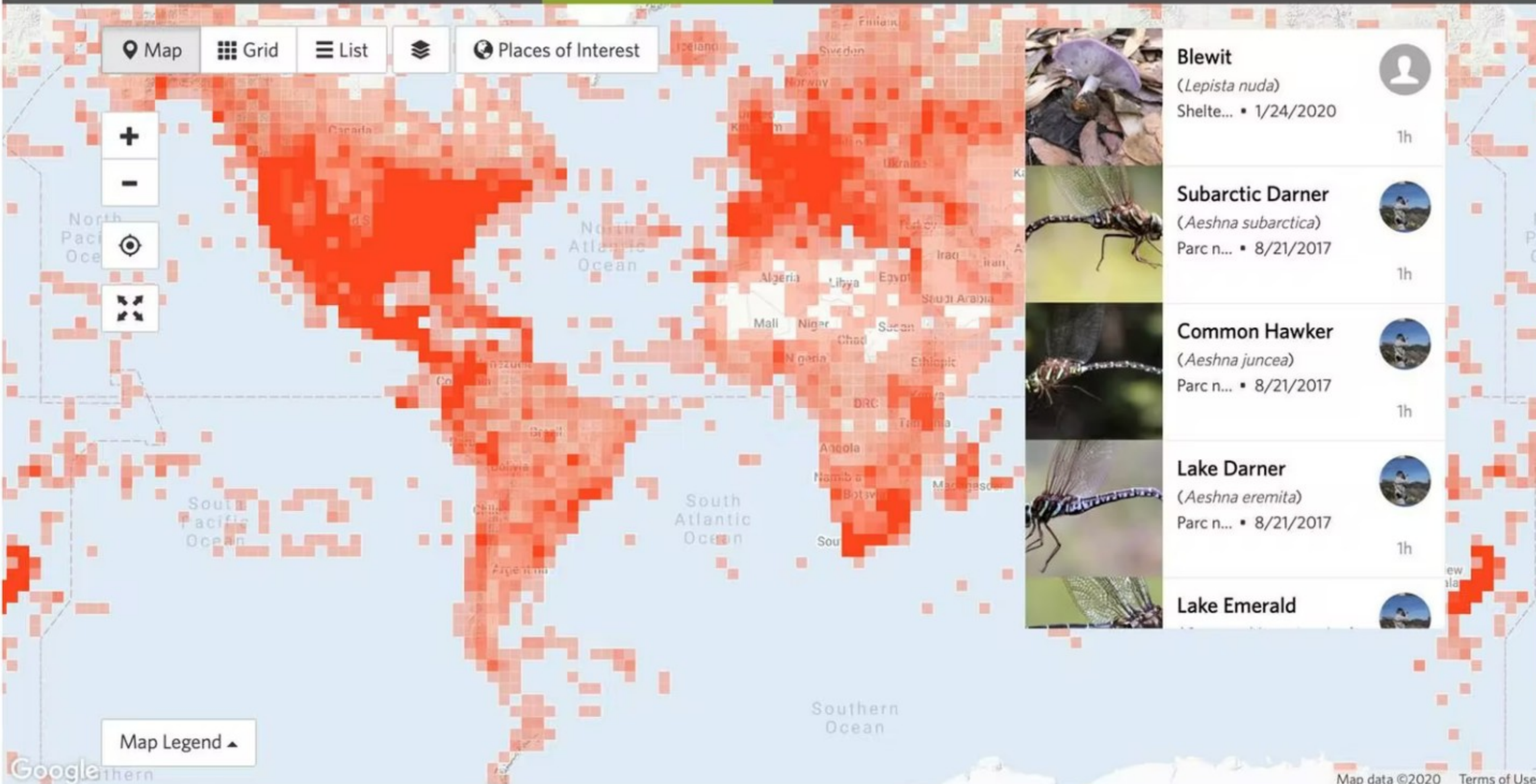


Places of Interest



Map Legend

Google



Blewit

(Lepista nuda)

Shelte... • 1/24/2020



1h

Subarctic Darner

(Aeshna subarctica)

Parc n... • 8/21/2017



1h

Common Hawker

(Aeshna juncea)

Parc n... • 8/21/2017



1h

Lake Darner

(Aeshna eremita)

Parc n... • 8/21/2017



1h

Lake Emerald



Demo

Questions?

3 questions
0 upvotes