




Data Downloads: Overview and Portals



Pam Soltis
University of Florida



iDigBio: A Source for Specimen Records



About iDigBio Research Technical Information Education

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Integrated Digitized Biocollections

Making data and images of millions of biological specimens available on the web.

Search the Portal...

or go to [Advanced Search](#)



Portal Statistics

> 147M
Records


Specimens of animals, plants, fungi, other...

> 65M
Media Files

Associated image, audio, and video files

> 1.9K
Recordsets

Data from biodiversity collections in the US



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Take our 30-second survey

The U.S. National Science Foundation and iDigBio are required to collect information on use of digitized collections-based specimen data. Please help us meet this requirement every time you use this search portal. Sustainability of the national digitization effort depends on evidence of data use! **Maybe later.**

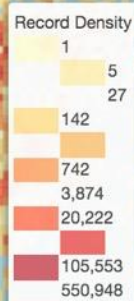
[iDigBio Home](#)[Portal Home](#)[Search Records](#)[Learning Center](#)[Data](#)[Research Collaboration](#)[Feedback](#)

Search Records

[Help](#) [Reset](#)☐ Must have media ☐ Must have map point[Filters](#) [Mapping](#) [Sorting](#) [Download](#)[Clear](#)**Scientific Name**[Add EOL Synonyms](#)☐ Present ☐ Missing**Date Collected**

Start:

End:

☐ Present ☐ Missing**Country**☐ Present ☐ Missing

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Search the iDigBio Portal – Specify Search Criteria

Search Records

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☐ Must have media ☐ Must have map point

Filters

Mapping

Sorting

Download

Add a field

▼

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Scientific Name

Add EOL Synonyms

×

☐ Present ☐ Missing

Date Collected

Start:

End:

×

☐ Present ☐ Missing

Country

×

☐ Present ☐ Missing

Search the iDigBio Portal – Specify Search Criteria

Red Maple

Acer rubrum



Search Records

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**Scientific
Name**

[Add EOL
Synonyms](#)

☐ **Present** ☐ **Missing**

Date Collected

Start:

End:



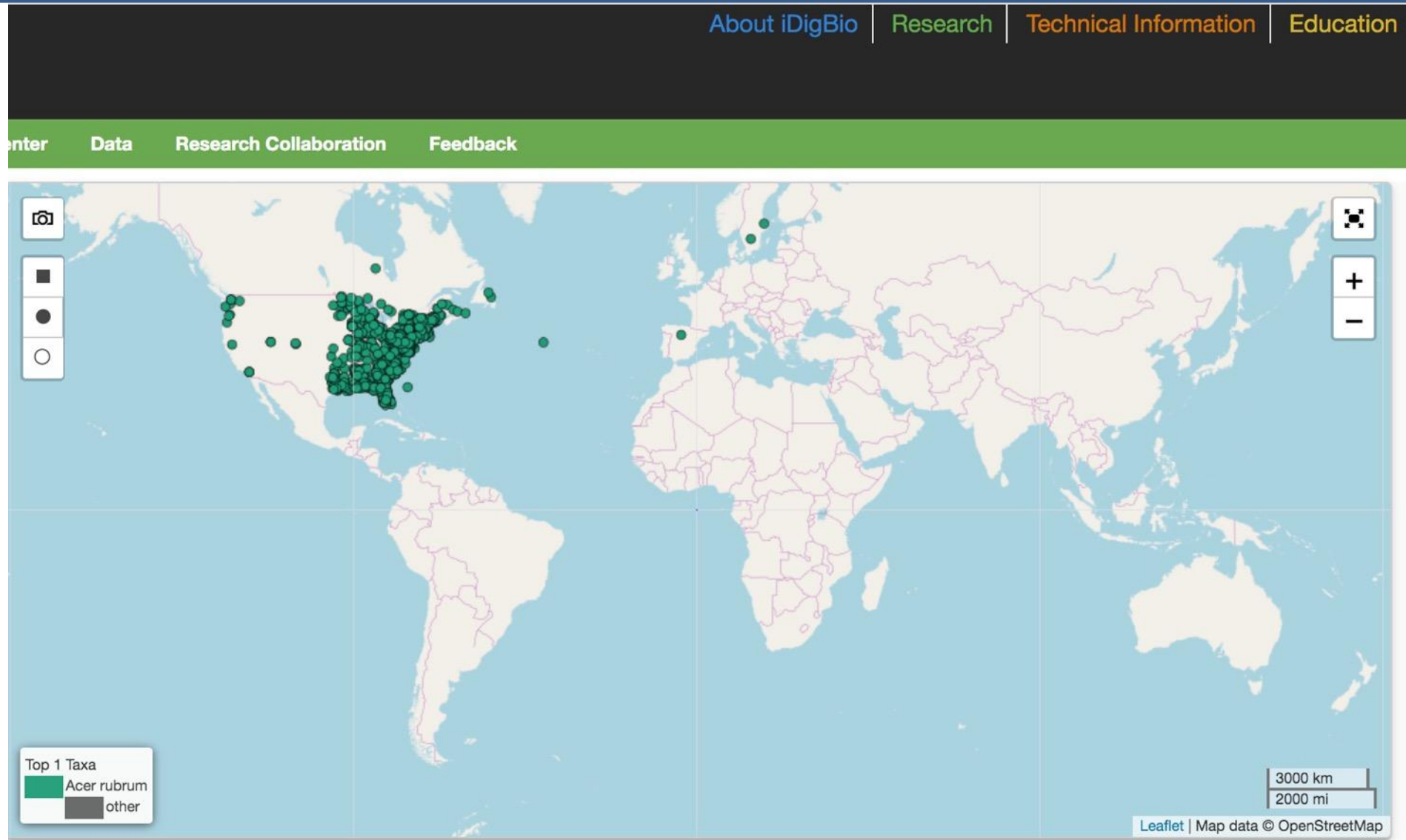
☐ **Present** ☐ **Missing**

Country



☐ **Present** ☐ **Missing**

Search the iDigBio Portal – Results



Search the iDigBio Portal – Record Summary



Search the iDigBio Portal – Specimen Record

[Learning Center](#) [Data](#) [Research Collaboration](#) [Feedback](#)

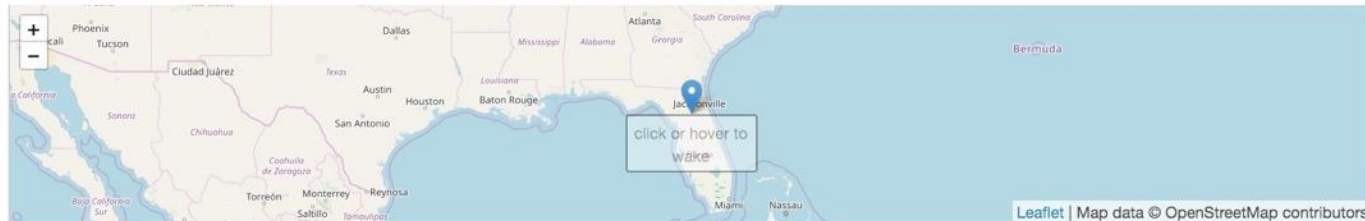
Specimen Record

[Plantae](#) > [Tracheophyta](#) > [Magnoliopsida](#) > [Sapindales](#) > [Sapindaceae](#)

Acer rubrum Linnaeus

From Robert K. Godfrey Herbarium at Florida State University

Continent	North America	Institution Code	Fsu
Country	United States	Collection Code	Fsu
State/Province	Florida	Catalog Number	000002503
County/Parish	Marion	Collected By	Cecil R Slaughter
Locality	Adjacent To Orange Creek Along The Putnam And Marion County Line; At The End Of Nw 77th Tr Road; 1 Mile Nw Of Sr 308.	Date Collected	2001-03-15
Latitude	29.492548000000003		
Longitude	-82.04131472		



Media



From Recordset

[Robert K. Godfrey Herbarium at Florida State University](#)

<http://herbarium.bio.fsu.edu/>



Florida State University's Robert K. Godfrey Herbarium is a museum-quality collection of over 220,000 plant and microalgae specimens. These document the distribution and natural variation of the 2,400 species of flowering plants, ferns, conifers, and cycads found in northern Florida—one of North America's biodiversity hotspots—and the microalgae of Florida's Gulf and Atlantic coasts. Each plant specimen is carefully identified, pressed, dried, and mounted to archival standards, with accompanying data on where and when it was collected. The specimens are a valued resource to local, state, national, and international biologists studying plant and microalgae systematics, ecology, evolution, biogeography, conservation biology, anatomy, and morphology. New specimens are added to the collection each week. As of May 2014, the collection includes all specimens from Stetson University's Herbarium (DLF). In August 2003, Austin Mast became the new director of the herbarium. Though now retired, Loran Anderson remains active in the herbarium. The current curator is Chris Buddenhagen. In August of 2003 the Robert K. Godfrey Herbarium set up a digital imaging system and SQL database. Currently 79,705 of our 220,000+ specimens have been entered into the herbarium's database. In late 2010, Tall Timbers Research Station's Herbarium began serving specimen data and images on this site as well. Currently, data and images for 10,344 of Tall Timbers Research Station's 10,000+ herbarium specimens are being served. Specimen images and data from both institution's can be searched by following the database links on our menu or by clicking here.

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[Citation](#)
[All Data](#)

Search the iDigBio Portal – Link to Media Record (Image)

Media Record

Plantae > Tracheophyta > Magnoliopsida > Sapindales > Sapindaceae

Acer rubrum Linnaeus view specimen record

From Robert K. Godfrey Herbarium at Florida State University



Media retrieved from:

<http://herbarium.bio.fsu.edu/showimage.php?Image=images/herbarium/jpegs/000002503.jpg>

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From Recordset

Robert K. Godfrey Herbarium at Florida State University

<http://herbarium.bio.fsu.edu/>

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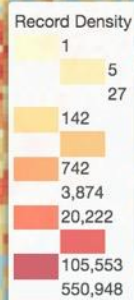
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Search Records

[Help](#) [Reset](#)☐ Must have media ☐ Must have map point[Filters](#) [Mapping](#) [Sorting](#) [Download](#)[Clear](#)**Scientific Name**[Add EOL Synonyms](#)☐ Present ☐ Missing**Date Collected**


Start:

End:

☐ Present ☐ Missing**Country**☐ Present ☐ Missing

Leaflet | Map data © OpenStreetMap

Search the iDigBio Portal: List of Data Records



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Search Records

Help | Reset

search all fields

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Filters | Mapping | Sorting | Download

Add a field ▼ Clear

Genus

dwc:genus

☐ Present ☐ Missing

Add EOL Synonyms

Scientific Name

Acer rubrum

☐ Present ☐ Missing

Add EOL Synonyms

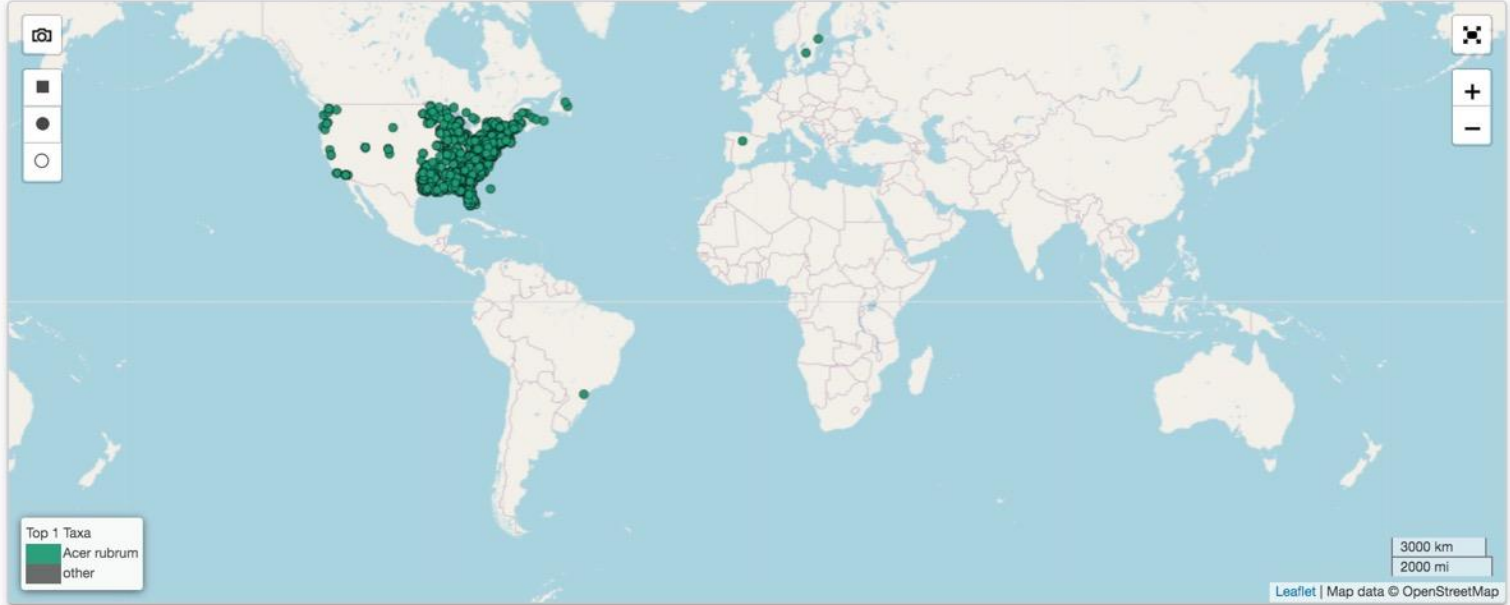
Family

dwc:family

☐ Present ☐ Missing

Add EOL Synonyms

↓ Scroll To Bottom ↓



List | Labels | Media | Recordsets

Total: 2,532

Family	Scientific Name	Date Collected	Country	Institution Code	Basis of Record	Columns
Sapindaceae	Acer rubrum	1841-04-14	United States	PH	PreservedSpecimen	view
Sapindaceae	Acer rubrum	1845-04-22	United States	CM	PreservedSpecimen	view
Sapindaceae	Acer rubrum	1856-04-01	United States of America	University of Maine	PreservedSpecimen	view
Sapindaceae	Acer rubrum	1857/1858	USA	YPM	PreservedSpecimen	view

Search the iDigBio Portal: Download csv

Search Records

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Current Search

Geopoint is present. Scientific Name = Acer rubrum. ▼ ↺

Download CSV

 - Build time: 0 hrs 0 mins 10 secs

Email

⬇

Downloads

Search	Status
Geopoint is present. Scientific Name ...	Click To Download
Geopoint is present. Genus = Rhexia....	pending

Search the iDigBio Portal: Email Download Link

iDigBio Download Ready



data@idigbio.org <data@idigbio.org>

Soltis, Pamela S

Saturday, July 17, 2021 at 6:33 PM

[Show Details](#)

The download you requested from iDigBio is ready and can be retrieved from:

<http://s.idigbio.org/idigbio-downloads/2ff9cd25-01bf-4f78-b82f-7c1f4e5d6a46.zip>



The query that produced this dataset was:

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{"core_type": "records", "rq": {"geopoint": {"type": "exists"}, "scientificname": "Acer rubrum"}, "form": "dwca-csv", "core_source": "indexterms", "mediarecord_fields": null, "record_fields": null, "mq": null}
```

If you have any problems retrieving or using this file, please contact us at data@idigbio.org, or by replying to this email.

Thank You,
The iDigBio Team

Q3    

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	coreid	PreparationP	aec:associati	chrono:Chro	dc:rights	dcterms:acce	dcterms:bibl	dcterms:lang	dcterms:lice	dcterms:mo	dcterms:refe	dcterms:righ	dcterms:righ	dcterms:sou	dcterms:type	dwc:Identific	dwc:Measur	dwc:Resour	dwc:Verbatir	dwc:accepte	dwc:accessR
2	3769b4d2-301b-4843-a1f3-8e2ffa20fcb4				http://creati	http://creativecommons.org/licenses/by-nc-sa/3.0/				#####	http://portal.neherbaria.o		Western Connecticut State University								
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5	83d34bc1-1ac1-4ba4-bdd0-a5c1edc94659				http://creativecommons.org/licenses/by-nc/3.0/					#####	http://portal.neherbaria.o		~© University of Massachusetts, Amherst								
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13	221e5978-ca78-492d-aa1e-4391609fb839				http://creativecommons.org/licenses/by-nc/3.0/					#####	http://portal.neherbaria.o		~© University of Massachusetts, Amherst								
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GBIF: gbif.org



Data ▾

News ▾

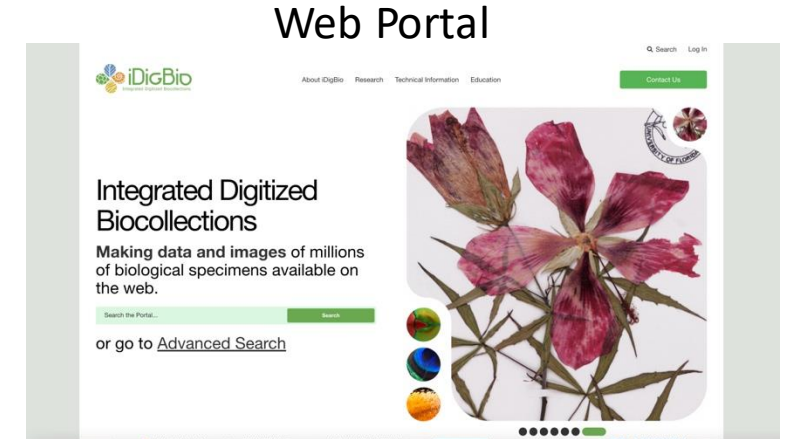
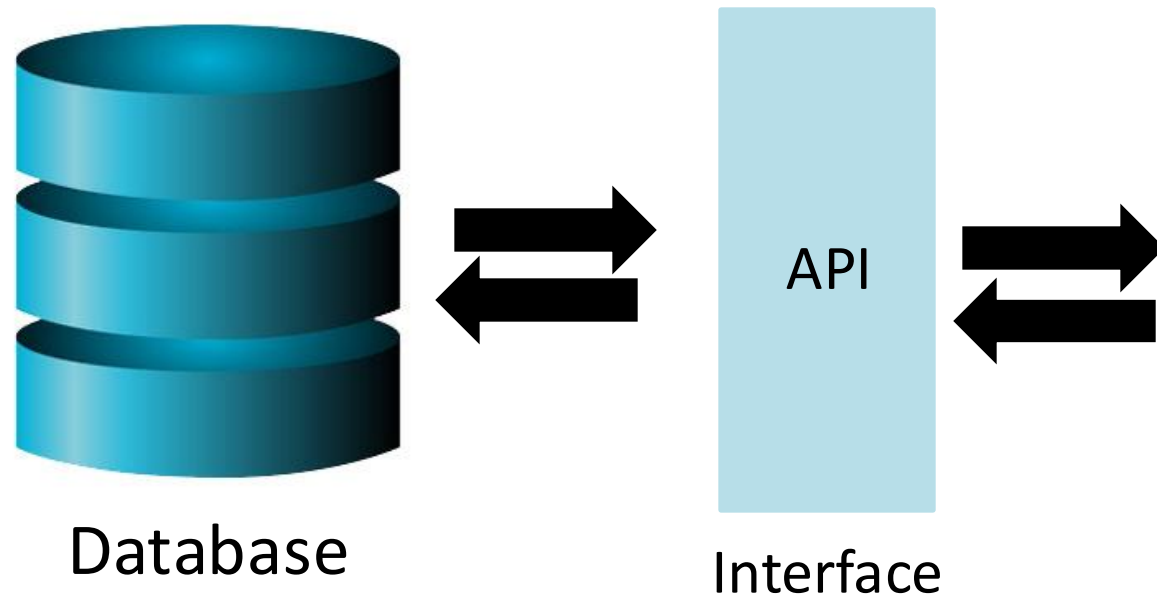
Global Biodiversity Information Facility

Free and Open Access to Biodiversity Data


Other Options for Data Downloads

API = **A**pplication **P**rogramming **I**nterface

- Allows users to interact with a system



Other Options for Data Downloads: APIs



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Workshop Summaries
Working Group List
Specimen Portal

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iDigBio API Overview

This document serves as the starting page of official docum

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DEVELOPER | API DOCS

API Summary

<https://api.gbif.org/v1/>

SUMMARY REGISTRY SPECIES OCCURRENCE MAPS NEWS LITERATURE

The GBIF API is a RESTful JSON based API. The base URL for v1 you should use is: **<https://api.gbif.org/v1/>**

The API should be considered stable, as should this accompanying documentation. It is also available with HTTPS. Please report any issues you find with either the API itself or the documentation using the "feedback" button on the top right.

API Sections

The API is split into logical sections to ease understanding:

- Registry:** Provides means to create, edit, update and search for information about the datasets, organizations (e.g. data publishers), networks and the means to access them (technical endpoints). The
- Species:** Provides services to discover and access information about species and higher taxa, and utility services for interpreting names and looking up the identifiers and complete scientific names u
- Occurrence:** Provides access to occurrence information crawled and indexed by GBIF and search services to do real time paged search and asynchronous download services to do large batch downlo
- Maps:** Provides simple services to show the maps of GBIF mobilized content on other sites.
- News:** Provides services to stream useful information such as papers published using GBIF mobilized content for various themes.

Communication

You can sign up to the [GBIF API users mailing list](#) to post your questions, and to keep informed about the API. We will announce new versions and scheduled maintenance downtimes before they happen.

You can also post questions to the [GBIF Community Forum](#) or using the feedback button at the top of the page.

Bug reports should also be submitted using the feedback button at the top of the page.

Common operations

The following details common cross-cutting parameters used in the API

Other Options for Data Downloads: R packages

- ridigbio
- rgbif
- spocc: Interface to Species Occurrence Data Sources
- gatoRs: **g**eographic **a**nd **t**axonomic **o**ccurrence **R**-based **s**crubbing

