

SPECIFY 6

AN EVOLUTIONARY PROGRESSION

ANDY BENTLEY, SPECIFY PROJECT
UNIVERSITY OF KANSAS BIODIVERSITY INSTITUTE



LAWRENCE, KS





What is Specify?



- ALLOWS FOR efficient computerization and management of biological collections and mobilization of specimen information onto the Internet.
- CONSISTS OF a highly customizable, forms-based interface, powerful querying tools and robust report designer for printed output.
- AIMS TO advance biological collections computing, communication, and collaboration through software and services.
- FREE - Distributed and licensed at no charge for non-profit collections. Open source.

<http://www.specifysoftware.org>



What is Specify?



- Over 10 major releases in 15 years with extensive upgrades and new features.



- Supported by the U.S. National Science Foundation since 1987.



- Staff of 12 people attending to programming, development, conversions, web, DiGIR and user issues.

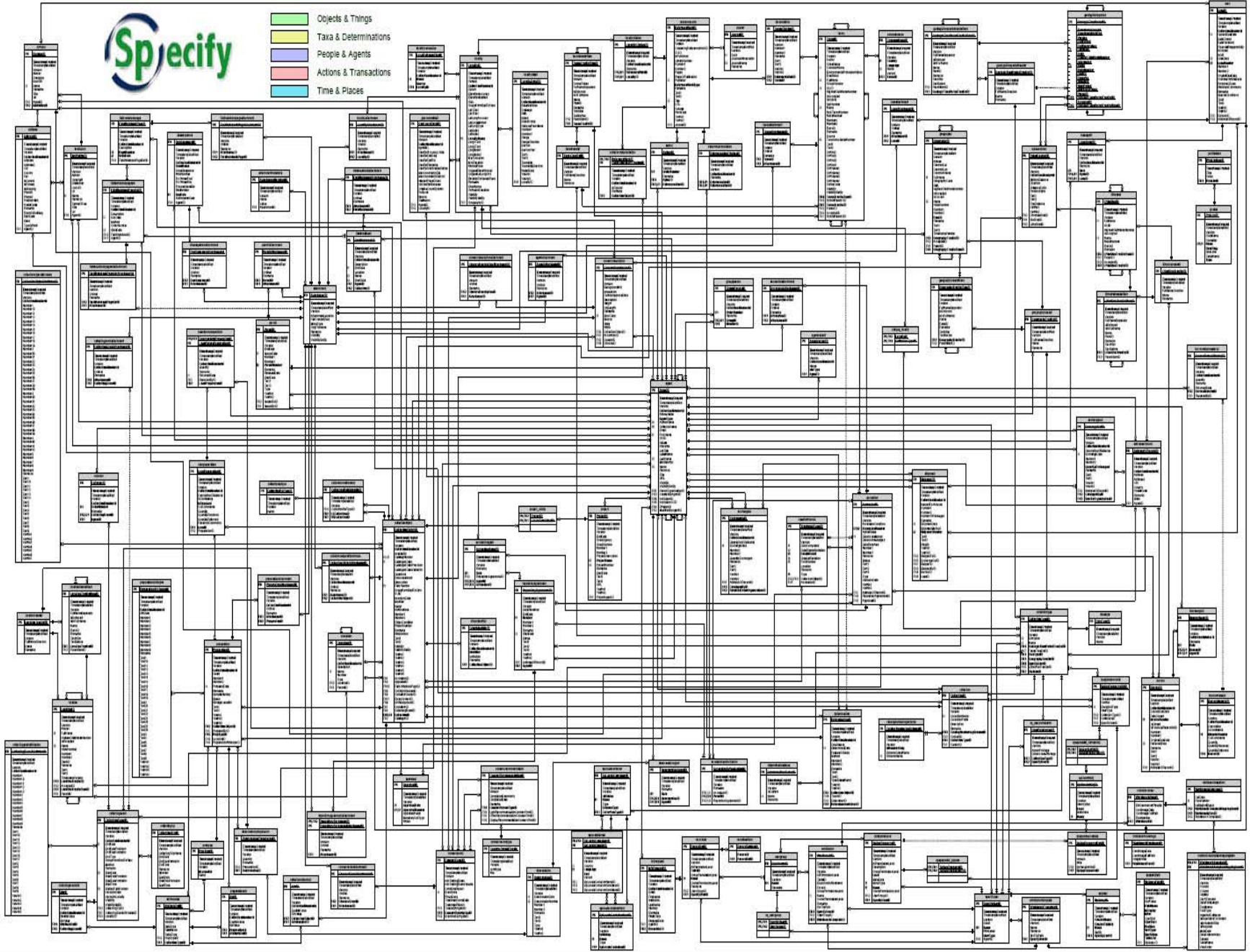


- Representation of all Natural History disciplines
 - Over 300 collections in 23 countries
 - Over 120 US institutions in 41 states
 - Over 20 million specimens cataloged
 - Increasing all the time

Specify 6 Database Schema



- Objects & Things
- Taxa & Determinations
- People & Agents
- Actions & Transactions
- Time & Places





Specify 6



- Written in Java
- PC, Mac and LINUX compatible



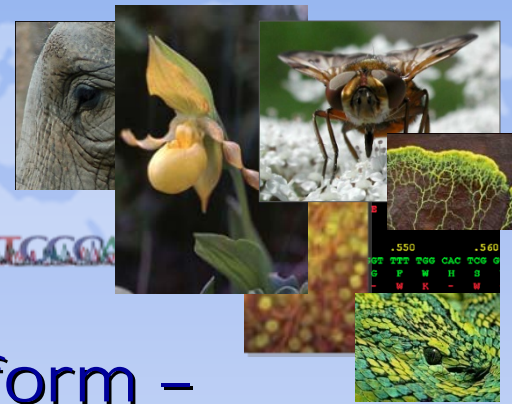
- Database agnostic – MySQL



- Open source – all source code available under FOSS (GPL2)



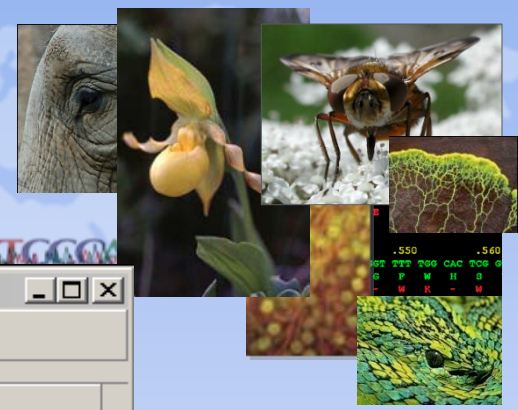
Specify 6



- Collections management platform – pluggable components
- Multi-collection/discipline capable
- 3rd party applications - GEOLocate, Google Earth
- Web services and online providers – ITIS, Fishbase, Lifemapper
- Strategic Partnerships – Filtered push (Harvard), botanical image OCR (Michigan), image bank (MorphBank) and DNA (BCoL)
- Staged, frequent releases with added functionality – smart update




Installation and Setup



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Summary 6.1.07

File Help



Name	Value
IT Username	root
IT Password	*****
Database Name	KUFish
Host Name	localhost
Username	KUFish
Password	KUFish
Turn Security On	No
First Name	Andy
Last Name	Bentley
Middle Initial	
Email	abentley@ku.edu
Username	abentley
Password	Mypassword1234!
Name	KU Biodiversity Institute
Code	KUBI
Address	Dyche Hall
Address	1345 Jayhawk Boulevard
City	Lawrence
State	KS
Country	USA
Zip Code	66045

Help Back Build Database Cancel

100% Complete

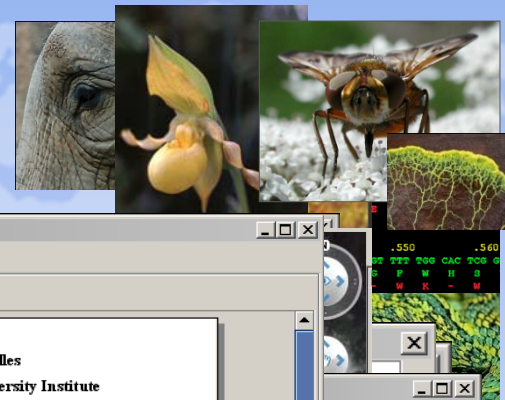
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THE WORKBENCH



Specify 6.0

File Edit Tabs Help

Fly To Find Busin

Fly to e.g., 37.25.81

Specify 6.0

File Edit Tabs Help

Actions

- Import Data
- Import Images
- New Data Set
- Export Data Set
- Export MS Excel Template

Reports

- Data Set Summary
- Basic Label
- Chart
- Top 10

Data Sets

- Botany
- Botany2
- ento
- ichthy1
- Ichthyology

Trash

WorkBench

Labels

Page 1 of 26

guest WorkBench

4°39'35.05" S 55°23'07.82" E elev -2 ft Nov 10, 2004 Eye alt 36862 ft

Fauna of Seychelles
University of Kansas Biodiversity Institute

Acanthuridae
Ctenochaetus truncatus

Baie Ternay - left hand side of bay

-4.639	55.371	m	-4.65	55.378	m
ACB 05-07		04/18/2005	ACB 05-12		04/21/2005
Bentley 2008					

Fauna of Seychelles
University of Kansas Biodiversity Institute

Acanthuridae
Acanthurus lineatus

Port Launay - North rocks

-4.639	55.371	m	-4.65	55.378	m
ACB 05-07		04/18/2005	ACB 05-12		04/21/2005
Bentley 2008					

Fauna of Seychelles
University of Kansas Biodiversity Institute

Acanthuridae
Acanthurus nigricauda

Baie Ternay - right hand side of bay

-4.637	55.375	m	-4.661	55.48	m
ACB 05-08		04/19/2005	ACB 05-14		04/22/2005
Bentley 2008					

Fauna of Seychelles
University of Kansas Biodiversity Institute

Acanthuridae
Acanthurus nigrofasciatus

South of Pointe L'Escalier

-4.637	55.375	m	-4.661	55.48	m
ACB 05-08		04/19/2005	ACB 05-14		04/22/2005
Bentley 2008					

Fauna of Seychelles
University of Kansas Biodiversity Institute

Acanthuridae
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-4.637	55.375	m	-4.661	55.48	m
ACB 05-08		04/19/2005	ACB 05-14		04/22/2005
Bentley 2008					

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Workbench - upload



Specify Beta 6.2.30

File Edit Data System Tools Debug Help

Welcome Data Entry Trees Reports Interactions Statistics Query WorkBench

Search 2007

Actions

- Import Data
- Import Images
- New Data Set
- Export Data Set
- Export MS Excel Template

Reports

- Data Set Summary
- Basic Label
- Chart
- Top 10

Data Sets

- Ichthyology

	Catalog number	Family	Genus	Species	FieldNumber	Date	Locality/Name	Country	State	County	Latitude	Longitude
1	8803	Acanthuridae	Ctenochaetus	truncatus	ACB 05-07	04/18/2005	Baie Ternay - left hand side of bay	Seychelles	Mahe	Cap Ternay	-4.6392	55.371
2	8811	Acanthuridae	Acanthurus	nigricauda	ACB 05-08	04/19/2005	Baie Ternay - right hand side of bay	Seychelles	Mahe	Cap Ternay	-4.6367	55.3752
3	8814	Acanthuridae	Zebrasoma	scopas	ACB 05-08	04/19/2005	Baie Ternay - right hand side of bay	Seychelles	Mahe	Cap Ternay	-4.6367	55.3752
4	8864	Acanthuridae	Acanthurus	leucosternon	ACB 05-12	04/21/2005	Port Launay - North rocks	Seychelles	Mahe	Port Launay	-4.6505	55.3785
5	8865	Acanthuridae	Acanthurus	lineatus	ACB 05-12	04/21/2005	Port Launay - North rocks	Seychelles	Mahe	Port Launay	-4.6505	55.3785
6	8893	Acanthuridae	Acanthurus	nigrofusus	ACB 05-14	04/22/2005	South of Pointe L'Escaller	Seychelles	Mahe		-4.661	55.4803
7	8894	Acanthuridae	Acanthurus	nigrofusus	ACB 05-14	04/22/2005	South of Pointe L'Escaller	Seychelles	Mahe		-4.661	55.4803
8	8896	Acanthuridae	Ctenochaetus	truncatus	ACB 05-14	04/22/2005	South of Pointe L'Escaller	Seychelles	Mahe		-4.661	55.4803
9	8930	Acanthuridae	Zebrasoma	scopas	ACB 05-15	04/23/2005	North Point of Conception Island	Seychelles	Mahe	Conception Island	-4.6597	55.3608
10	7007	Acanthuridae	Acanthurus	leucosternon	ACB 05-18	04/27/2005	Les Trois Dames off Port Glaud	Seychelles	Mahe	Port Glaud	-4.6792	55.4193
11	7011	Acanthuridae	Ctenochaetus	striatus	ACB 05-18	04/27/2005	Les Trois Dames off Port Glaud	Seychelles	Mahe	Port Glaud	-4.6792	55.4193
12	7012	Acanthuridae	Ctenochaetus	striatus	ACB 05-18	04/27/2005	Les Trois Dames off Port Glaud	Seychelles	Mahe	Port Glaud	-4.6792	55.4193
13	7037	Acanthuridae	Acanthurus	lineatus	ACB 05-19	04/28/2005	Baie Ternay - left hand side of bay	Seychelles	Mahe	Cap Ternay	-4.6392	55.371
14	7157	Acanthuridae	Naso	brevirostris	PCH 2005-37	05/05/2005	Denis Island - northern side	Seychelles	Denis Island		-3.7628	55.6807
15	7162	Acanthuridae	Naso	brevirostris	PCH 2005-37	05/05/2005	Denis Island - northern side	Seychelles	Denis Island		-3.7628	55.6807
16	7186	Acanthuridae	Zebrasoma	desjardini	PCH 2005-39	05/06/2005	Ile du Nord	Seychelles	Mahe	Ile du Nord	-4.3822	55.2418
17	7198	Acanthuridae	Acanthurus	leucochilus	PCH 2005-37	05/05/2005	Denis Island - northern side	Seychelles	Denis Island		-3.7628	55.6807
18	7218	Acanthuridae	Acanthurus	maia	PCH 2005-39a	05/07/2005	Victoria Fish Market	Seychelles	Mahe	Victoria		
19	7226	Acanthuridae	Ctenochaetus	binotatus	PCH 2005-40	05/07/2005	Baie Aux Chagrins	Seychelles	Mahe	Cap Ternay	-4.629	55.3768
20	7227	Acanthuridae	Ctenochaetus	binotatus	PCH 2005-40	05/07/2005	Baie Aux Chagrins	Seychelles	Mahe	Cap Ternay	-4.629	55.3768
21	7260	Ambassidae	Ambassis	interrupta	PCH 2005-46	05/10/2005	Port Connal Mangrove	Seychelles	Mahe		-4.6548	55.4048
22	8921	Apogonidae	Chelodipterus	macrodon	ACB 05-10	04/19/2005	Port Launay - South beach	Seychelles	Mahe	Port Launay	-4.6537	55.3997
23	8922	Apogonidae	Chelodipterus	macrodon	ACB 05-10	04/19/2005	Port Launay - South beach	Seychelles	Mahe	Port Launay	-4.6537	55.3997
24	8948	Apogonidae	Apogon	holotaenia	ACB 05-10	04/19/2005	Port Launay - South beach	Seychelles	Mahe	Port Launay	-4.6537	55.3997
25	8949	Apogonidae	Apogon	holotaenia	ACB 05-10	04/19/2005	Port Launay - South beach	Seychelles	Mahe	Port Launay	-4.6537	55.3997
26	8876	Apogonidae	Apogon	angustatus	ACB 05-14	04/22/2005	South of Pointe L'Escaller	Seychelles	Mahe		-4.661	55.4803
27	8877	Apogonidae	Apogon	angustatus	ACB 05-14	04/22/2005	South of Pointe L'Escaller	Seychelles	Mahe		-4.661	55.4803
28	8878	Apogonidae	Apogon	savayensis	ACB 05-14	04/22/2005	South of Pointe L'Escaller	Seychelles	Mahe		-4.661	55.4803
29	8879	Apogonidae	Apogon	savayensis	ACB 05-14	04/22/2005	South of Pointe L'Escaller	Seychelles	Mahe		-4.661	55.4803
30	8905	Apogonidae	Apogon	campbelli	ACB 05-14	04/22/2005	South of Pointe L'Escaller	Seychelles	Mahe		-4.661	55.4803
31	8906	Apogonidae	Apogon	campbelli	ACB 05-14	04/22/2005	South of Pointe L'Escaller	Seychelles	Mahe		-4.661	55.4803
32	8939	Apogonidae	Apogon	holotaenia	ACB 05-15	04/23/2005	North Point of Conception Island	Seychelles	Mahe	Conception Island	-4.6597	55.3608
33	8949	Apogonidae	Apogon	semionatus	ACB 05-15	04/23/2005	North Point of Conception Island	Seychelles	Mahe	Conception Island	-4.6597	55.3608
34	8950	Apogonidae	Apogon	semionatus	ACB 05-15	04/23/2005	North Point of Conception Island	Seychelles	Mahe	Conception Island	-4.6597	55.3608

WorkBench Uploader

Uploading Row 1 of 201

Pause

Affected Tables

Table	Records Added
CE Collecting Event	0
CO Collection Object	0
DE Determination	0
GE Geography	0
LO Locality	0
TX Taxon	0

Messages

Dataset structure verified. Click "Validate" to continue.
Dataset validated for upload
Ready to upload.
Uploading...

Validate
Upload
Settings...
Close

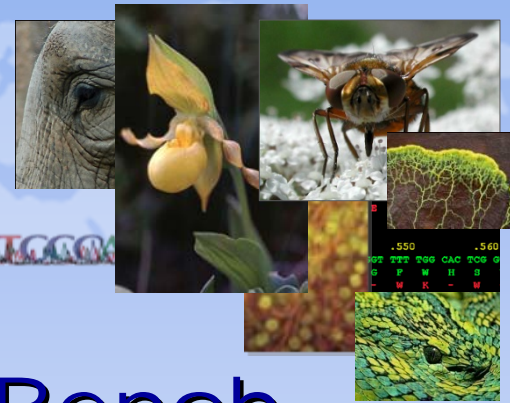
Trash

Uploading

Ichthyology | Main Fish | testuser



Mobile Workbench

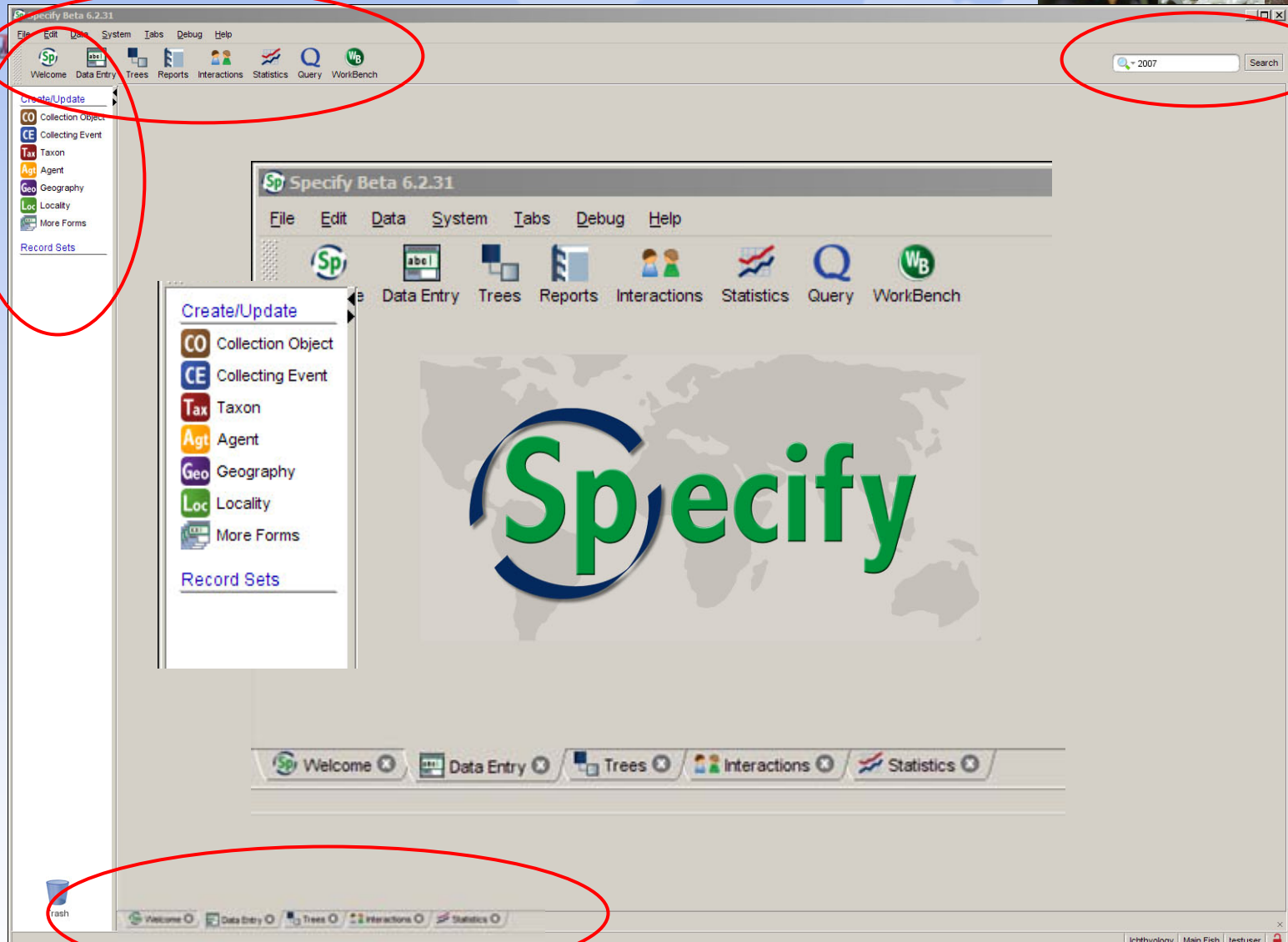
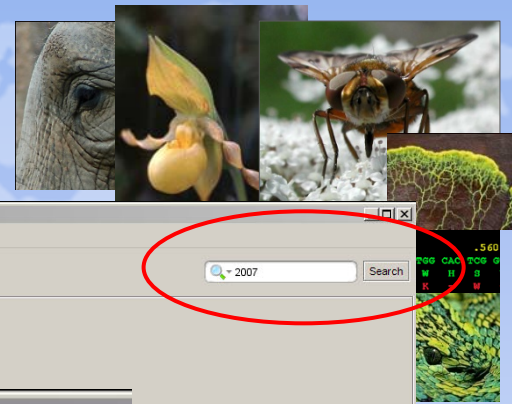


- SPMobile – mobile WorkBench
 - Separate download
 - Full WorkBench capabilities
 - Compatible with internal version
 - USB capable field application



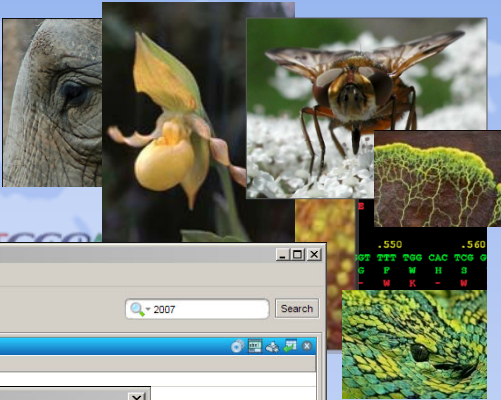


Opening screen





Simple search



Specify Beta 6.2.30

File Edit Data System Tools Debug Help

Welcome Data Entry Trees Reports Interactions Statistics Query WorkBench

Record Sets

Collecting Event - 4

Start Date Station Field Number
MJO2 07-01

Simple Search Configuration

Use the following tabs to configure Simple Search

Select All Search Fields Related Searches Results Ordering

Related Searches

- CO Accepted Name for Collection Object
- Tax Accepted Taxon
- Ag Accession Agents
- CO Accession Collection Objects
- Ag Agent Attachments
- EI Agent Exchanges In
- EO Agent Exchanges Out
- Ag Agent From Variant
- Ag Appraisal Agent
- Ag Borrow Agents
- CE Collecting Event Attachments
- CT Collecting Trip Collecting Events
- Ag CollectingEvent Collectors
- CO Collection Attachments
- CO Collection Object
- CO Collection Object Chronostratigraphy
- CO Collection Object Collectors
- CO Collection Object Lithostratigraphy
- CO Collection Object Permits

Select All Deselect All

Activate: ☐

Description:

Close Help

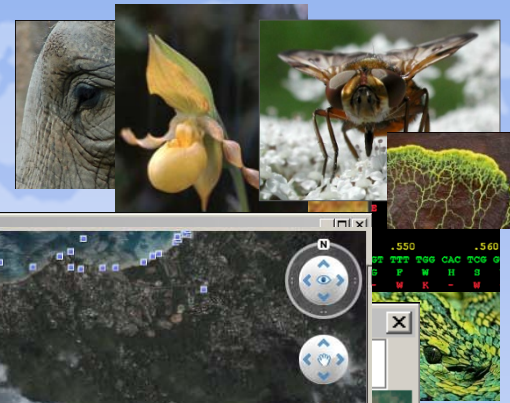
Trash

Welcome Percina Percina caprodes 2006 2005 2004 2003 2002 2007

Ichthyology Main Fish testuser



Data entry



Specific Beta 6.2.30

Fly To Find Businesses Directions

Fly to e.g., 37.25.81° N, 122.05.36° W

Places Add Content

- My Places
- Nepal
- Sightseeing
- Ecuador
- El Salvador
- Temporary Places
- spExport27441.kmz

Layers

- Primary Database
- Geographic Web
- Roads
- 3D Buildings
- Street View
- Borders and Labels
- Traffic
- Weather
- Gallery
- Global Awareness
- Places of Interest
- More
- Terrain

Row 152

Catalog number 6926

Family Holocentridae

Genus Myrpristis

Species berndti

FieldNumber ACB 05-15

Date 04/23/2005

LocalityName North Point of Conception Island

Country Seychelles

State Mahe

County Conception Island

File or URL link

Voucher # RUSI 77853

Latitude -4.66

Longitude 55.361

<http://www.specificsoftware.org>

Image NASA

© 2008 Europa Technologies

Image © 2008 DigitalGlobe

Google

Nov 10, 2004

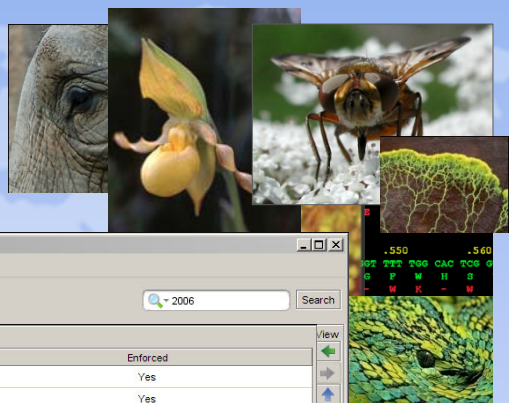
4°39'35.05" S 55°23'07.82" E

elev - 2 ft

Eye alt. 36862 ft



Trees



Specify Beta 6.2.30

File Edit Data System Tabs Debug Help

Sp

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Welcome Data Entry Trees Reports Interactions Statistics Query WorkBench

Edit Trees

Geo

Geography

Sto

Storage

Tax

Taxon

Edit Tree Definitions

Geo

Geography

Sto

Storage

Tax

Taxon

Unlock a Tree

Geo

Geography

Sto

Storage

Tax

Taxon

Fish

Name

Remarks

In Full Name

Enforced

Taxonomy Root		No	Yes
Kingdom		No	Yes
Subkingdom		No	No
Phylum		No	Yes
Subphylum		No	No
Superclass		No	No
Class		No	Yes
Subclass		No	No
Infraclass		No	No
Superorder		No	No
Order		No	Yes
Suborder		No	No
Infraorder		No	No
Superfamily		No	No
Family		No	Yes
Subfamily		No	No
Tribe		No	No
Subtribe		No	No
Genus		Yes	Yes
Subgenus		No	No
Species		Yes	No
Subspecies		Yes	No

Find

Find Next

Welcome

Taxon

Geography

Ichthyology | Main Fish | testuser

2006

Search

View

←

→

↑

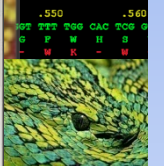
↓

Edit

+

-

Trash



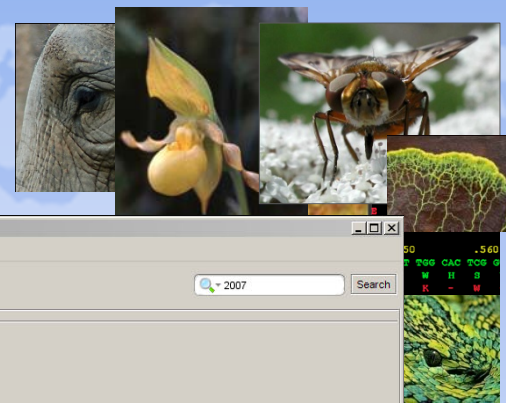


A collage of six images arranged in a grid-like fashion. The top row contains four images: an elephant's eye, a yellow flower, a bee, and a green mold. The bottom row contains two images: a computer window and a green snake. The computer window is a standard Windows-style window with a blue title bar, a menu bar, and a toolbar. It has a yellow background and a grey border. The text 'ies' is visible in the bottom left corner, and '2 X' is visible in the bottom right corner. The green snake is a close-up of its head and body, showing a pattern of green and yellow scales.





Interactions



Specify Beta 6.2.30

File Edit Data System Tabs Debug Help

Welcome Data Entry Trees Reports Interactions Statistics Query Work/Bench

Create/Update

- Accession
- Permit
- Loan
- Exchange In
- Exchange Out
- Borrow
- Information Request
- Record Sets
- Record set

Information Request

Info Req Number: 2009-### Agent: Bentley, Andy

Request Date: 03/16/2009 Reply Date: MM/DD/YYYY

Remarks:

Items

Cataloged Date	Catalog Number	Field Number	Determinations	Locality Name	Latitude1	Longitude1	Preparations
06/26/2007	39946		Notropis stramineus (current)	Yellowstone Creek	36.9995300000	-98.8509800000	EtOH - 2
05/02/2007	39703		Cyprinella lutrensis (current)	Tributary of Waterfall Creek, 5 mi. ...	33.8132209778	-94.8271636963	EtOH - 4
03/12/2007	39392		Dorosoma cepedianum (current)	Walnut Creek, 1 mi. E of Prue	36.2407455444	-96.2954483032	EtOH - 1
01/18/2007	39015		Camptostoma anomalum (current)	Pole Creek	39.9769200000	-96.2245100000	EtOH - 2
06/27/2007	40040				39.0194800000	-101.3509400000	EtOH - 61
04/10/2007	39646				38.7671800000	-94.9884600000	EtOH - 1
06/27/2007	40036				39.1097800000	-101.4530900000	EtOH - 2
02/09/2007	38194				38.5785400000	-96.0188200000	EtOH - 2
06/26/2007	39934				39.0571600000	-101.3925700000	EtOH - 15
03/14/2007	39519				38.9320259094	-95.3304519653	EtOH - 1

Send Email on Save

Create Loan from Preparations

38 Preparation(s) selected

- ☒ 38700 - Etheostoma spectabile
EtOH 1 of 2
- ☒ 40080 - Micropterus salmoides
EtOH 3 of 12
- ☒ 40130 - Notropis stramineus
EtOH 7 of 40
- ☒ 40229 - Pomoxis annularis
EtOH 27 of 77

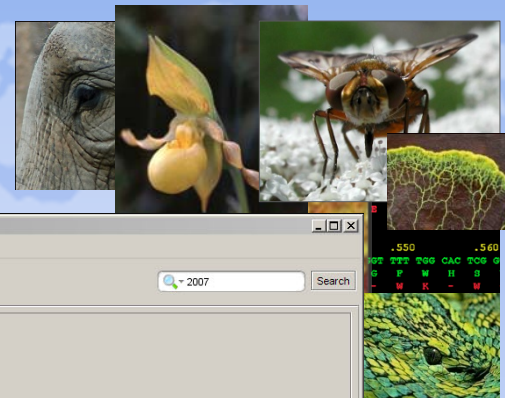
OK Cancel Select All Help

Save

Ichthyology | Main Fish | testuser



Query builder



Specify Beta 6.2.31

File Edit Data System Tools Debug Help

Sp Data Entry Trees Reports Interactions Statistics Query WorkBench

2007 Search

Create Query

- Agent
- Collecting Event
- Collection Object
- Loan
- Locality
- Taxon
- More Tables

Saved Queries

- Accession
- Agent
- Collecting Event
- Collection Object
- Geography
- Gift
- Label
- Loan
- Locality
- Taxon

Collection Object

- ✓ Catalog Number
- Cataloged Date
- Cataloged Date Precision
- Cataloged Date Verbatim
- Cataloger
- Collecting Event
- Collection
- Collection Object Attachments

Collecting Event

- End Date
- End Date Precision
- End Date Verbatim
- End Time
- Locality
- Method
- Remarks
- Start Date

Locality

- Datum
- Elevation Accuracy
- Elevation Method
- GML
- GUID
- Geography
- Lat1text
- Lat2text

Geography

- Abbreviation
- Centroid Latitude
- Centroid Longitude
- Common Name
- Continent
- ✓ Country
- ✓ County
- Full Name

Criteria

Criteria	Not Operator	Criteria	Sort	Show	Prompt	Always
CO Catalog Number	<input type="checkbox"/> <	200	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Acc Accession Number	<input type="checkbox"/> Contains		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tax Family	<input type="checkbox"/> =		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tax Full Name	<input type="checkbox"/> Contains		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Det Current	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CE Station Field Number	<input type="checkbox"/> Contains		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CE Start Date	<input type="checkbox"/> =		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Col Collectors [Aggregated]			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ag Last Name	<input type="checkbox"/> Contains		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Loc Locality Name	<input type="checkbox"/> Contains		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Loc Latitude1	<input type="checkbox"/> =		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Loc Latitude2	<input type="checkbox"/> =		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Geo Country	<input type="checkbox"/> =		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Geo State	<input type="checkbox"/> =		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Geo County	<input type="checkbox"/> =		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PT Name	<input type="checkbox"/> Contains		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pre Preparations [Aggregated]			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

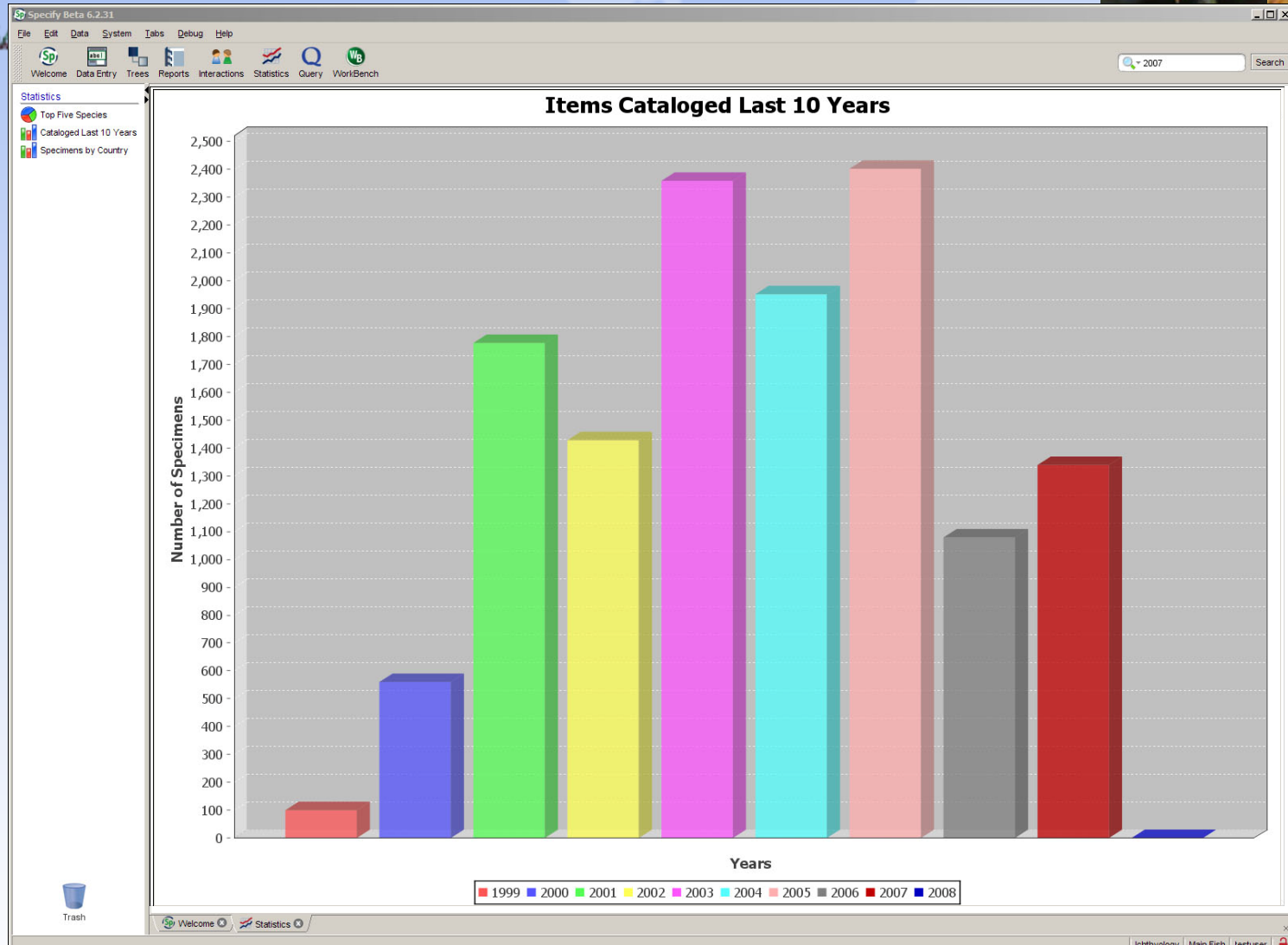
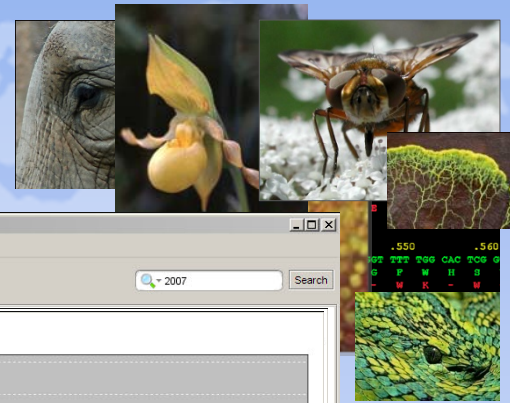
Help

☒ Search Synonyms ☐ Distinct ☐ Count Search Save

Ichthyology Main Fish testuser

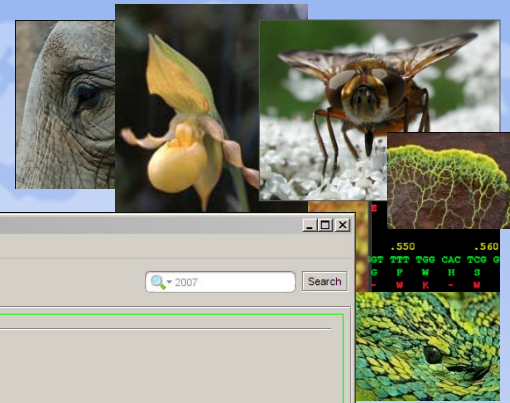


Statistics





Security



Specify Beta 6.2.30

File Edit Data System Tabs Debug Help

Welcome Data Entry Trees Reports Interactions Statistics Query WorkBench

Search 2007

User

User Group: Manager

Name: testuser

Password: [masked]

Password Strength: Needs to be mixed case

Email: testuser@ku.edu

Agent: User, Test

Key: [empty] Generate New Key

Permissions

General Objects Preferences

Name	Enable Preference
Email	<input type="checkbox"/>
Formatting	<input type="checkbox"/>
Google Earth	<input type="checkbox"/>
Login Dialog	<input type="checkbox"/>
MySQL	<input type="checkbox"/>
System	<input type="checkbox"/>

Save

To add a user to a group, right-click on the group and choose 'add new user...' or 'add existing user...'.

Legend

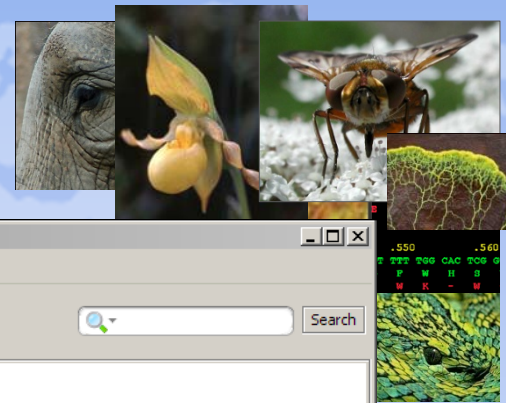
- Group of Users
- User
- Collection

Welcome Data Entry Security Tools

Ichthyology Main Fish testuser



Schema configuration



Specify Alpha 6.1.41

File Edit Data System Tabs Debug Help

Data Entry Reports Interactions Statistics Query WorkBench

Schema Configuration... - English

Tables

- accession
- accessionagent
- accessionauthorization
- address
- addressofrecord
- agent
- agentgeography
- agentspecialty
- agentvariant
- appraisal
- author
- borrow
- borrowagent
- borrowmaterial

Label: Accession

☐ Hide Table

Desc: Also called an acquisition. A consignment of specimens acquired either by field collecting of staff members, gifts, purchases, or exchange with another institution.

Display Format: Accession

Aggregation:

Web Links:

Fields

- accessionAgents
- accessionAttachments
- accessionAuthorizations
- accessionCondition
- accessionNumber
- addressOfRecord
- appraisals
- collectionObjects
- createdByAgent
- dateAccessioned
- dateAcknowledged

Label: Accession Number

☐ Hide Field

Desc: Usually an integer or alphanumeric value that is assigned to material when it enters the collection. The format of accession numbers varies among collections, but all refer to the acquisition of specimens, observations, or other collection objects.

Type: String ☒ Is Required

Length: 60

Format Type: Formatting AccessionNumber [YEAR-AA-###] (Default)

OK Cancel Change Locale Help

Welcome

testuser testfish : Fish



Web and TAPIR access



- Leveraging GBIF IPT client
<http://ipt.gbif.org/index.html>
- Auto mapping of Darwin Core concepts
- Mobilization of data through IPT provider
- Generation of TAPIR address for portal/provider interaction

SPECIFY 6.1 - new features



KU Ichthyology
Collection

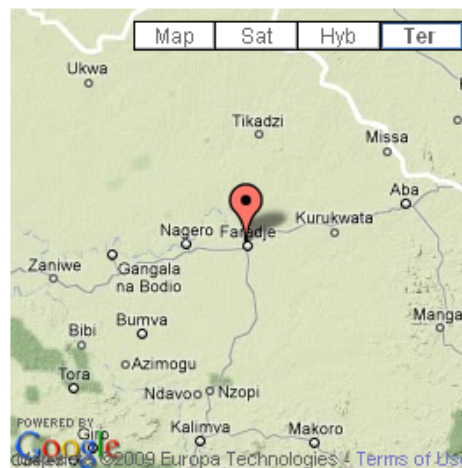
KUI - Unknown catalogue number

Polypterus ornatipinnis

PI GUID e2373dee-7427-4c8c-85bf-06163b7699bd
thi SourceID 23858
ac Data XML
Annotations 0 notes

DarwinCore

InstitutionCode KU
Fi CollectionCode KUI
CatalogNumberNumeric 17512
Sex ---
Preparations C&S - 1; EtOH - 3
Collector Lang, H; Chapin, J
FieldNumber AMNH 6159
IslandGroup ---
Island ---
Country Congo
Se StateProvince Faradje
County Orientale
Locality Dungu River
MinimumDepthInMeters ---
MaximumDepthInMeters ---
DecimalLatitude 3.7500000000
Sc DecimalLongitude 29.7000007629
thi VerbatimLatitude 03:45 N
VerbatimLongitude 29:42 E
IdentifiedBy ---
S TypeStatus ---
ScientificName *Polypterus ornatipinnis*
Kingdom Animalia
Phylum Chordata
Class Actinopterygii
Order Polypteriformes
Family Polypteridae
Genus *Polypterus*



Navigate Taxonomy

Load error!

Navigate Geography

☐ Bermuda
☐ Honduras
☐ Thailand
☐ Bulgaria
☐ Germany
☐ Romania
☐ Mongolia
☐ Kazakhstan
☐ Lagos
☐ Italy
☐ Ecuador?
☐ Uruguay
☐ Portugal
☐ Micronesia
☐ Congo
☒ Faradje
☐ Orientale
☒ Dungu River
☐ San Juan
☐ Comoro Islands
☐ Argentina
☐ Bolivia
☐ Liberia
☐ Lebanon
☐ China
☐ Sri Lanka
☐ Chile
☐ Netherlands
☐ Equatorial Guinea
☐ Florida Keys
☐ USA



SPECIFY 6 - future directions



- Addition of new and Specify 5 patch editing, series pro
- Additional Q/L server
- Additional es and
- Specify Ar t phone entation
- Android ba cation for offsite data accum

