



# Release Notes (9/1/2016)

## New Features

- **Ability to toggle between Individual and Encounter lists** – On Browse Encounters, you can create a filtered list of Encounters and switch to a list of related Individuals. On Browse Fish, you can create a filtered list of Individuals and switch to a list of related Encounters. If you update or clear your filter, the toggle is reset.

**Browse Encounters (filtered)**

You are viewing **277,436** of **1,084,560** encounters. [View Related Individuals](#)

How would you like to filter results? [See individual list for this filter](#)

**Browse Encounters (viewing related Individuals)**

You are viewing **251,627** of **906,572** fish. [<< Back to Encounters](#)

How would you like to filter results?

- **Filters improved on Browse Encounters and Browse Fish**– You can now select multiple criteria from each category to create your filter.

**Browse Encounters (filtered)**

You are viewing **277,436** of **1,084,560** encounters. [View Related Individuals](#)

How would you like to filter results?

Tags (>100 is slow):

Species: 2 selected | Encounter Type: --All-- | River: --All-- | Basin: --All-- | River Mile Down: | River Mile Up: | Location: | Date Range (YYYY-MM-DD): | Mortality Flag: --All-- | Recapture: --All--

- Catostomus latipinnis x Xyrauchen texanus
- Catostomus platyrhynchus
- Cottus bairdii
- Gila cypha
- Gila elegans
- Gila elegans x Gila cypha
- Gila robusta

[Filter Results](#) [Download](#) [New Encounter](#)

Show **50** entries

ID	Current Tag	Species	Encounter Type	Date	River	River Mile	Antenna	Notes	Options
1081859	3DD003BC10583	Gila elegans	Detection	2015-09-29	Green River Canal		Green River Canal Company at Tusher Diversion		<a href="#">View Details</a> <a href="#">Delete</a>
1081858	3DD003BC10583	Gila elegans	Detection	2015-09-29	Green River Canal		Green River Canal Company at Tusher Diversion		<a href="#">View Details</a> <a href="#">Delete</a>

- **New filter for Recapture on Browse Encounters** – There is a new filter for recaptures.

**Browse Encounters**

You are viewing 1,089,247 of 1,089,247 encounters. [View Related Individuals](#)

How would you like to filter results?

Tags (>100 is slow):

Species: --All--    Encounter Type: --All--    River: --All--    Basin: --All--    River Mile Down:     River Mile Up:

Study: --All--    Sampling/Stocking Org: --All--    Parent Org: --All--    PIA Location: --All--    Date Range (YYYY-MM-DD):  to

Harvest Type: --All--    Release Type: --All--    Year Class: --All--    Federal Status: --All--    Mortality Flag: --All--    Recapture: --All--

[Filter Results](#)

[Clear Filters](#)    [Download](#)    [New Encounter](#)

- **When you click to View Details for a record in a List, the page opens in a new tab** – Details for records you click on in a List (Fish, Encounters, PIA Locations, etc.) will open in new tab. This will help you track which record in the list you are viewing. You can also drag the tab into a new window so you can simultaneously view the List and the Details.

**STReaMS Fish List**

You are viewing 906,777 of 906,777 encounters.

How would you like to filter results?

Tags (>100 is slow):

Species: --All--    Source: --All--

Show **50** entries

ID	Current Tag
31522	3D91C2C664EE3
31545	3D91C2C664FA9

**STReaMS Fish Details**

**Fish 31522**  
(3D91C2C664EE3, **Xyrauchen texanus**)

[Tag Details](#)  
[Related Studies](#)  
[Encounters](#)

**Fish 31522 (3D91C2C664EE3, Xyrauchen texanus)**

Required fields are indicated with an \* .

Species\*:     Species confirmed?

Sex:     Sex certain?

Dead?     Invalid record?

Individual notes:

Database admin notes:

**Hatchery Details:**

Source hatchery:     Harvest type:     Release type:     Year class:

- **New fields added to Encounter Details** – Study, Standard Length, Disposition Type, and Detection Frequency have been added to the Encounter page. These fields have also been added to the download files.

🔍 **Encounter 900520 (3D91BF1CD5C03, *Xyrauchen texanus*)**

Source file:	Entered by hand
Encounter date* (MM-DD-YYYY):	<input type="text" value="12-06-2014 00:00:00"/>
Encounter type*:	<input type="text" value="Capture"/>
Recapture?	<input checked="" type="checkbox"/>
Antenna:	<input type="text" value="--None--"/>
Added new tag?	<input type="checkbox"/>
New tag code*:	<input type="text"/>
New tag type*:	<input type="text"/>
Transferred from river*:	<input type="text" value="--Select--"/>
Encounter river*:	<input type="text" value="San Juan River"/>
River mile:	<input type="text" value="104.0"/>
Sample number:	<input type="text" value="SJRUPSTREAMMCELM"/>
Sampled by:	<input type="text"/>
Organization:	<input type="text" value="Kansas State University"/>
Study:	<input type="text" value="KSU"/>
Gear type:	<input type="text" value="--Select--"/>
River Right Or Left:	<input type="text"/>
Habitat type (1):	<input type="text"/>
Habitat type (2):	<input type="text"/>
Latitude:	<input type="text"/>
Longitude:	<input type="text"/>
UTM X coordinate:	<input type="text"/>
UTM Y coordinate:	<input type="text"/>
UTM Zone:	<input type="text"/>
Total length (mm):	<input type="text" value="472"/>
Weight (g):	<input type="text"/>
StandardLength (mm):	<input type="text"/>
Tubercles?	<input type="checkbox"/>
Ripe?	<input type="checkbox"/>
Ray count:	<input type="text"/>
Other marks:	<input type="text"/>
Disposition type:	<input type="text" value="--Select--"/>
Notes:	<input type="text" value="3628 Sonic Tag?"/>
Detection Frequency:	<input type="text"/>
Field Recorded Species:	<input type="text" value="XYRTEX"/>
Field Recorded Sex:	<input type="text"/>
Database admin notes:	<input type="text"/>
Upper CO record number:	<input type="text"/>
Original MS Access table:	<input type="text" value="XYRTEX_CAPTURE"/>
Source file:	

- **A Data Lead role has been added to Studies** – A new role has been added to Studies called Data Lead. Data Leads will be able to import and edit data related to a Study.

**Other Details**

**Personnel**

Add a user:  Role: Unknown PI Member **Data Lead**

Show  entries Search:

ID	Name	Email Address	Role	Options
28	Creighton, Katie	katherinecreighton@utah.gov	Member	<input type="button" value="Remove"/> <input type="button" value="Contact"/>

- **Samples are active on the Studies page** – If you view the details of a Study, you will see a Samples list. You can also create a new Sample.

**Samples**

Show  entries Search:

ID	Sample Number	Start Date/Time	End Date/Time	Gear Type	River	Options
12	testsample	07-15-2016 08:26		Cast Net	Green River	<input type="button" value="View Details"/> <input type="button" value="Delete"/>

Showing 1 to 1 of 1 entries Previous  Next

- **Sample Details are active** - Sample Details show all attributes associated with a Sample (derived from the Rare Fish Effort template) and allows users with Data Lead permissions to edit Sample attributes.

**Editing testsample**

Required fields are indicated with an \*.

Agency\*:

Principle Biologist\*:

Study/Program\*:

River\*:

Reach:

Sample Number\*:

Pass:

Gear type:

Start River Mile:

End River Mile:

Start Date/Time:

End Date/Time:

Shoreline:

Habitat Type:

Electrofishing Seconds:

Other Gear Hour:

Boat:

Conductivity:

Crew:

UTM X coordinate:

UTM Y coordinate:

UTM Zone:

Temperature:

Turbidity:

Notes:

- PIT Tag Lots Download button is active** – The download button has been activated for PIT Tag Lots. You can download a filtered set of Tag Lots or all Tag Lots. You will receive all Tags associated with the Tag Lot in your download file (typically 100 Tags per lot)

**Browse Tag Lots (filtered)**

You are viewing **5 of 12,102** tag lots. How would you like to filter results?

Tags (>100 is slow): Lot codes: 

 CM53321  
 CM53333  
 CR67344  
 MISC09

Order code:  Recipient person:  Recipient organization:  Ship Date Range (YYYY-MM-DD):  to

---

Show 50 entries

ID	Lot Code	Recipient Name	Recipient Organization	Ship Date	Purpose	Order Code	Options
6786	CR67344	Jones, Tildon	FWS - Vernal	2009-02-12	BAEZER		<input type="button" value="View Details"/>
6795	MISC09	Jones, Tildon	FWS - Vernal	2009-02-12	BAEZER		<input type="button" value="View Details"/>
9901	CM53333	Furr, Weston	Navajo Agricultural Products Industry Ponds	2009-01-25	SJ RZ TOCK		<input type="button" value="View Details"/>
10221	CM53320	Furr, Weston	Navajo Agricultural Products Industry Ponds	2009-01-25	SJ RZ TOCK		<input type="button" value="View Details"/>
10222	CM53321	Furr, Weston	Navajo Agricultural Products Industry Ponds	2009-01-25	SJ RZ TOCK		<input type="button" value="View Details"/>

Showing 1 to 5 of 5 entries (filtered from 12,102 total entries) Previous 1 Next

### Download file:

J39

	A	B	C	D	E	F	G	H	I
1	TagLotID	LotCode	RecipientPerson	RecipientOrganization	ShipDate	Purpose	OrderCode	TagCode	TagStatus
2	10222	CM53321	Furr, Weston	Navajo Agricultural Products Industry Ponds	1/25/2009	SJ RZ TOCK		3D91C2C5D88FE	Active
3	10222	CM53321	Furr, Weston	Navajo Agricultural Products Industry Ponds	1/25/2009	SJ RZ TOCK		3D91C2C5D9F64	Active
4	10222	CM53321	Furr, Weston	Navajo Agricultural Products Industry Ponds	1/25/2009	SJ RZ TOCK		3D91C2C5DA354	Active
5	10222	CM53321	Furr, Weston	Navajo Agricultural Products Industry Ponds	1/25/2009	SJ RZ TOCK		3D91C2C5DA888	Active
6	10222	CM53321	Furr, Weston	Navajo Agricultural Products Industry Ponds	1/25/2009	SJ RZ TOCK		3D91C2C5DADC7	Active
7	10222	CM53321	Furr, Weston	Navajo Agricultural Products Industry Ponds	1/25/2009	SJ RZ TOCK		3D91C2C5DAF43	Active
8	10222	CM53321	Furr, Weston	Navajo Agricultural Products Industry Ponds	1/25/2009	SJ RZ TOCK		3D91C2C5DB46B	Active
9	10222	CM53321	Furr, Weston	Navajo Agricultural Products Industry Ponds	1/25/2009	SJ RZ TOCK		3D91C2C5DB4F9	Active

- **PIT Tag Lots Details show related Tag Codes and Encounters** – When you View the Details of a Tag Lot, you see the list Tag Codes in the Lot, and any Encounters associated with those Tags.

Edit CAF9006 Tag Lot

Tag Codes

Encounters

**Edit CAF9006 Tag Lot**

Required fields are indicated with an \* .

**Tag Lot Information**

Lot number\*: CAF9006

Recipient name: Gido, Keith

Recipient organization: Kansas State University

Ship date: 11-21-2012

Purpose: MCELMO CREEK

Order code: PSI114344

Save Delete

**Other Details**

**Tag Codes**

Show 100 entries

Tag ID	Tag Code	Tag Type	Tag Status	Lot Code	Deploy Date	Deploy River	Recipient Person	Recipient Org	Options
349053	3D91C2DFE4654	134 khz	Not deployed	CAF9006	Not Deployed	Not Deployed	Gido, Keith	Kansas State University	<a href="#">View Details</a>
349061	3D91C2DFE4D83	134 khz	Not deployed	CAF9006	Not Deployed	Not Deployed	Gido, Keith	Kansas State University	<a href="#">View Details</a>
349069	3D91C2DFE5864	134 khz	Active	CAF9006	Unknown	Unknown	Gido, Keith	Kansas State University	<a href="#">View Details</a>
349077	3D91C2DFE64F6	134 khz	Not deployed	CAF9006	Not Deployed	Not Deployed	Gido, Keith	Kansas State University	<a href="#">View Details</a>
349085	3D91C2DFE793D	134 khz	Not deployed	CAF9006	Not Deployed	Not Deployed	Gido, Keith	Kansas State University	<a href="#">View Details</a>

Showing 1 to 5 of 100 entries (filtered from 1,435,883 total entries) Previous 1 2 3 4 5 ... 20 Next

**Encounters**

Show 100 entries

ID	Current Tag	Species	Encounter Type	Date	River	River Mile	Antenna	Notes	Options
1062173	3D91C2DFE6AF4	Unidentified	Detection	2015-03-28	McElmo Creek		McElmo Creek		<a href="#">View Details</a> <a href="#">Delete</a>
1070767	3D91C2DFE6E2D	Unidentified	Detection	2015-03-27	McElmo Creek		McElmo Creek		<a href="#">View Details</a> <a href="#">Delete</a>
1064140	3D91C2DFE7FE0	Unidentified	Detection	2015-03-28	McElmo Creek		McElmo Creek		<a href="#">View Details</a> <a href="#">Delete</a>
1073128	3D91C2DFE68E	Unidentified	Detection	2015-03-25	McElmo Creek		McElmo Creek		<a href="#">View Details</a> <a href="#">Delete</a>
1061935	3D91C2DFE6481	Unidentified	Detection	2015-03-24	McElmo Creek		McElmo Creek		<a href="#">View Details</a> <a href="#">Delete</a>

- **A new PIT Tags page is available under View & Edit Data** – A new page has been added to search for specific PIT Tags. Downloads for Tag records are activated.

The screenshot shows the application's navigation bar with the following items: Home, View & Edit Data (highlighted), Batch Uploads, Downloads, Help & Documentation, and Contact Us. A dropdown menu is open under 'View & Edit Data', listing: Fish, Encounters, Studies, PIA Locations, PIT Tag Lots, and PIT Tags. Below the navigation, a search bar is visible with the text 'You are viewing 4 of 1,435,883 tags. How would you like to filter results?'. A 'Filter Results' button is located below the search bar, along with 'Clear Filters' and 'Download' buttons.

Show  entries

Tag ID	Tag Code	Tag Type	Tag Status	Lot Code	Deploy Date	Deploy River	Recipient Person	Recipient Org	Options
647850	3D91C2D04E323	134 khz	Active	MISC09	Unknown	Unknown	Jones, Tildon	FWS - Vernal	<a href="#">View Details</a>
647836	3D91C2D03D923	134 khz	Active	MISC09	Unknown	Unknown	Jones, Tildon	FWS - Vernal	<a href="#">View Details</a>
173010	3D91C2D9A7803	134 khz	Active	CV92719	2011-11-08	Animas River, RM 1.0	Webber, Aaron	Uvalde National Fish Hatchery	<a href="#">View Details</a>
1295009	4417054D64	400 khz	Active		2003-11-06	San Juan River, RM 180.2	Unknown	Unknown	<a href="#">View Details</a>

Showing 1 to 4 of 4 entries (filtered from 1,435,883 total entries)

Previous  Next

## Download file:

The screenshot shows an Excel spreadsheet with the following columns: TagID, TagCode, TagType, TagStatus, TagLot, RecipientPerson, RecipientOrganization, ShipDate, Purpose, OrderCode, DeployDate, DeployRiver, DeployRMI, DeployPerson, DeployEncounterID, and IndividualID. The data is organized into rows, with some rows containing multiple entries for the same tag ID.

TagID	TagCode	TagType	TagStatus	TagLot	RecipientPerson	RecipientOrganization	ShipDate	Purpose	OrderCode	DeployDate	DeployRiver	DeployRMI	DeployPerson	DeployEncounterID	IndividualID
647836	3D91C2D03D923	134 khz	Active	MISC09	Jones, Tildon	FWS - Vernal	2/12/2009	BAEZER		Unknown	Unknown		Unknown		368122
1295009	4417054D64	400 khz	Active		Unknown	Uvalde National Fish Hatchery				11/6/2003	San Juan River	180.2	Unknown	947270	183685
173010	3D91C2D9A7803	134 khz	Active	CV92719	Webber, Aaron	Uvalde National Fish Hatchery	1/4/2011	SJ RZ	S492304	11/8/2011	Animas River		1 Unknown	803619	77693
647850	3D91C2D04E323	134 khz	Active	MISC09	Jones, Tildon	FWS - Vernal	2/12/2009	BAEZER		Unknown	Unknown		Unknown		368997

- **New Lookup table for Disposition Types** – Disposition Types were omitted from the database which was an oversight on our part. A look-up table for Disposition Types has been added to the footer of the website. Database Managers can add new Disposition Types or edit existing ones.

Browse Disposition Types

[New Disposition Type](#)

Show  entries Search:

ID	Code	Description	Options
1	DE	Dead, but not preserved	<a href="#">View Details</a> <a href="#">Delete</a>
2	DF	Preserved by freezing	<a href="#">View Details</a> <a href="#">Delete</a>
3	DP	Preserved in formalin or ethanol	<a href="#">View Details</a> <a href="#">Delete</a>
4	FC	Fish and Wildlife Museum, Fort Collins	<a href="#">View Details</a> <a href="#">Delete</a>
5	HA	Placed in Hatchery	<a href="#">View Details</a> <a href="#">Delete</a>
6	RA	Released Alive	<a href="#">View Details</a> <a href="#">Delete</a>
7	RT	Equipped with radio transmitter	<a href="#">View Details</a> <a href="#">Delete</a>
8	SS	Preserved for stomach samples	<a href="#">View Details</a> <a href="#">Delete</a>
9	TL	Trans-located to another part of the river or another water body	<a href="#">View Details</a> <a href="#">Delete</a>
11	TR	Trans-located and equipped with radio transmitter	<a href="#">View Details</a> <a href="#">Delete</a>

Showing 1 to 10 of 10 entries Previous **1** Next

- **Details for Disposition Types** – You can View Details for any Disposition Type. CNHP added a mortality flag for the batch upload process to track which types are associated with dead fish and which types are associated with live fish.

[Disposition Type List](#) > [disposition type 1 Details](#)

Edit DE Disposition Type

Required fields are indicated with an \*.

**Disposition Type Information**

Field Code\*:

Description:

MortalityFlag

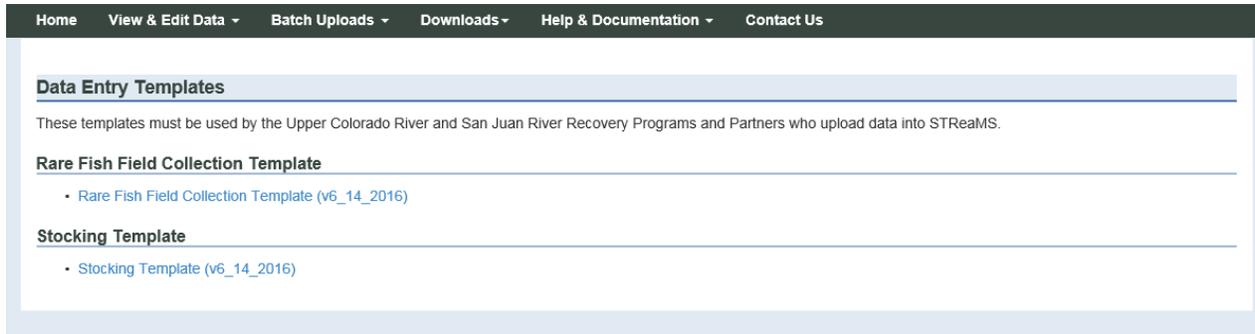
Notes:

[Save](#) [Delete](#)

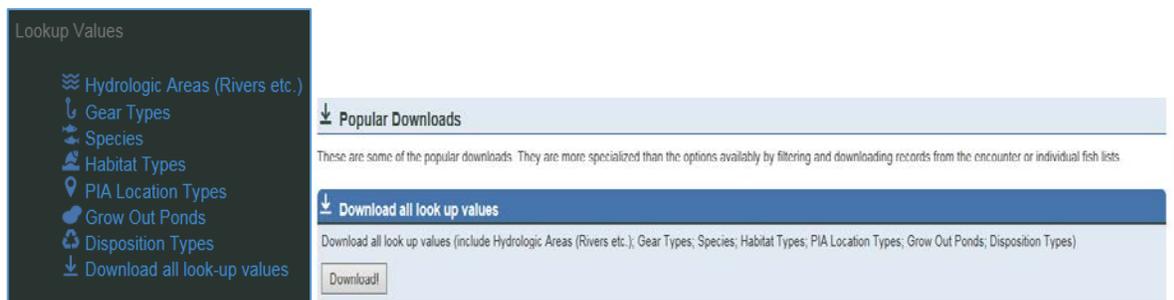
- **New role for Registered Users with limited viewing privileges** - New users are now assigned a lower role called “Registered User”. This role has no editing privileges and limited viewing privileges. These Users can only View Individuals, Encounters and Studies. All specific locational attributes (UTM, Lat/Long, River Mile) and notes are removed from the web pages and download files. Only Database Managers and Data

Administrators within the same organization as the “Registered User” can change the role of a “Registered User” to increase privileges.

- **New page for Templates** – The latest rare fish and stocking templates can be downloaded from STReaMS under Help & Documentation. Check the website to make sure you have the latest version before you go out to the field.



- **A Popular download has been added for Lookup tables** – Users can download the latest Lookup values from STReaMS in one file. Click on the download link in the footer or go to the Downloads menu and select Popular Downloads.



Download file:

	A	B	C
1	Hydrologic Areas (Rivers etc.)		
2	Name	Code	lookUpTableName
3	Animas River	AN	Hydro Areas Rivers
4	Ashley Creek	AS	Hydro Areas Rivers
5	Bear River	BE	Hydro Areas Rivers
6	Big Sandy River	BS	Hydro Areas Rivers

## Bugs Fixes and Issues

- **Encounter Details page, added “seconds” to the date/time field** - Previously, only hours and minutes were displayed on the Encounter Details page, even though seconds are stored in the database. This was causing problems with Detections. If a User visited a Detection and clicked on the calendar, seconds were not visible on the page. This caused the system to read seconds as zero and erroneously reset it in the database.
- **Download file, missing field** - Encounter ID was added to the download file.
- **Download file, translating values** - Many fields are stored as integers in the database, although the actual integer values are meaningless to the User. Recapture, Harvest Type, Release Type, Tubercles, and Ripe were translated so meaningful labels appear in the download file instead of integers.