

# Release Notes (9/25/2015)

## New Features

- **New Table of Contents** – We added a small table of contents pane to four edit/details windows in the system: Edit Study, Edit Fish, Edit Encounter and New Record. This table of contents is “sticky” (it remains visible as you scroll up and down) and allows you to jump from heading to heading within the page.

Encounter 744828  
(00336657C6BA7, Xyrauchen texanus)

Tag Details

Individual details

Other encounters

Encounter 744828 (00336657C6BA7, Xyrauchen texanus)

Source file: Entered by hand

Encounter date\* (YYYY-MM-DD): 09-23-2015 00:00:00

Encounter type\*: Capture

Added new tag?

Antenna location: None

Encounter river\*: Blue River

River mile:

Sample number:

Sampled by: --Select--

- **Expanded Filters** – We added a number of new filters to both the fish list and the encounter list. In fish list, you can now filter by Hatchery, Release Type, Harvest Type, Mortality Flag, and two new combinations of encounter type (Stocking & Capture, Stocking & Detection). Grow out ponds is another planned filter on this page.

Browse Fish

You are viewing 901,492 of 901,492 fish. How would you like to filter results?

Tags (>100 is slow):

Species: --All--

Federal Status: --All--

Year Class: --All--

Last Encounter Type: --All--

Last Encounter River: --All--

Source Org (hatchery): --All--

Grow out pond: --All--

Harvest Type: --All--

Release Type: --All--

Mortality Flag: --All--

In the encounter list, you can now filter by two combinations of encounter type (Stocking & Capture, Stocking & Detection), Basin, Parent Organization, and by a date range.

Browse Encounters (filtered)

You are viewing 946,349 of 957,245 encounters. How would you like to filter results?

Tags (>100 is slow):

Species: --All--

Encounter Type: Stocking & Capture

River: --All--

River Mile Start:

River Mile End:

Basin: --All--

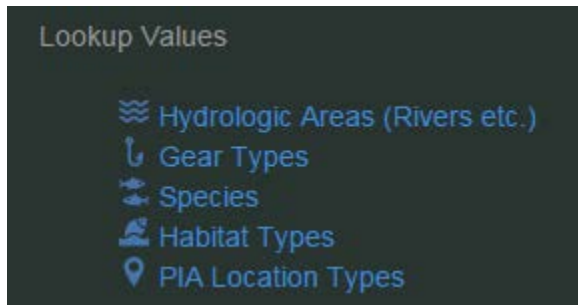
Sampling/Stocking Org: --All--

Parent Org: --All--

Date Range (YYYY-MM-DD): to

All of these filter changes are also accommodated in the increasingly complex “canned” downloads available from the main list pages.

- **More lookup values are viewable online** – although this feature doesn't allow you to edit lookup values yet, you can now browse the lists of acceptable Species, Habitat Types, and PIA Location Types.



## Bug Fixes & Tweaks

### Big Fixes

- **Server performance** - By far the biggest and most important fix was to the server performance. Both the encounter list and the fish list are MUCH faster than they were, with load times down to 1.6 seconds. We got the SQL Profile up and running to examine the details of the transactions between the server and the database, and tracked down the bottle neck.
- **Data clean up and enhancement** – Amy has more details, but I know we've fixed the year class problem, cleaned up all the integer fields in the database, made sure river miles weren't truncated, added harvest type, added release type, and numerous other improvements to data quality.
- **New fish/encounter** – This button just wasn't working, unless you started from within a study. This has been fixed, and the logic managing the deployment of tags has been improved.
- **Inconsistent filters fixed** – Some of the options in the filter lists weren't working. This was an encoding problem, and it has been fixed.

### Minor tweaks

There were so many of these, I've lost track of them all. In no particular order, we cleaned up the layout of the individual details form, we added better tool tips, we improved field validation, and I'm sure there was more.