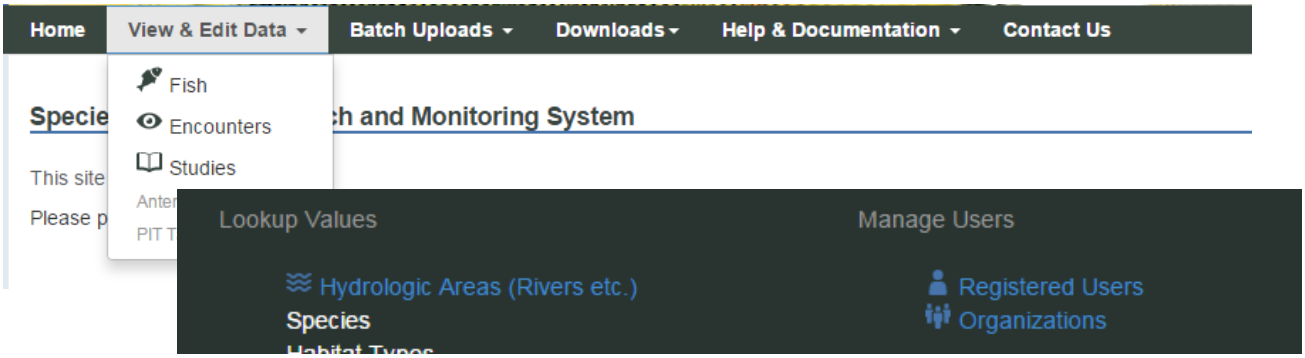
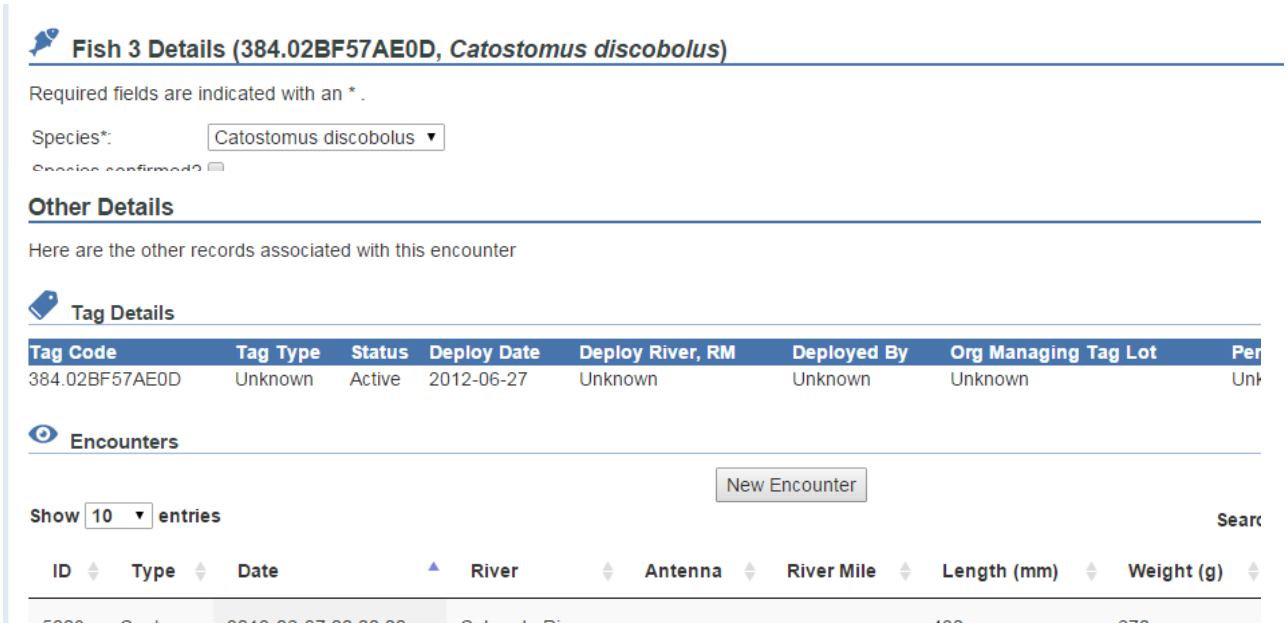
Release Notes (5/29/2015)

New Features

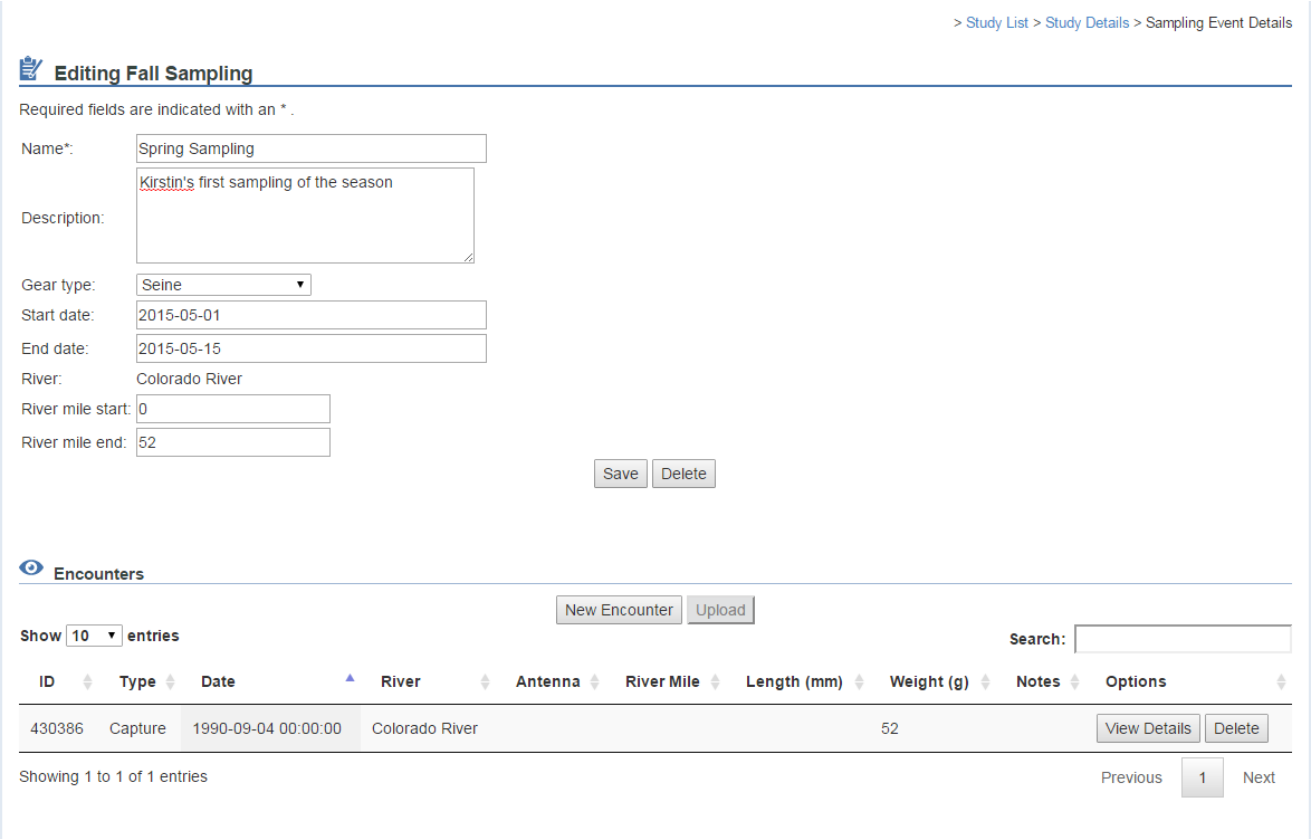
- **Icons** – To reduce confusion, since all the tables look very similar, we added easily identifiable icons throughout out the system.

	Hydro Areas		Study
	Individual Fish		Sampling Event
	Encounter		Person or User
	PIT or FLOY tag		Organization
	Antenna		

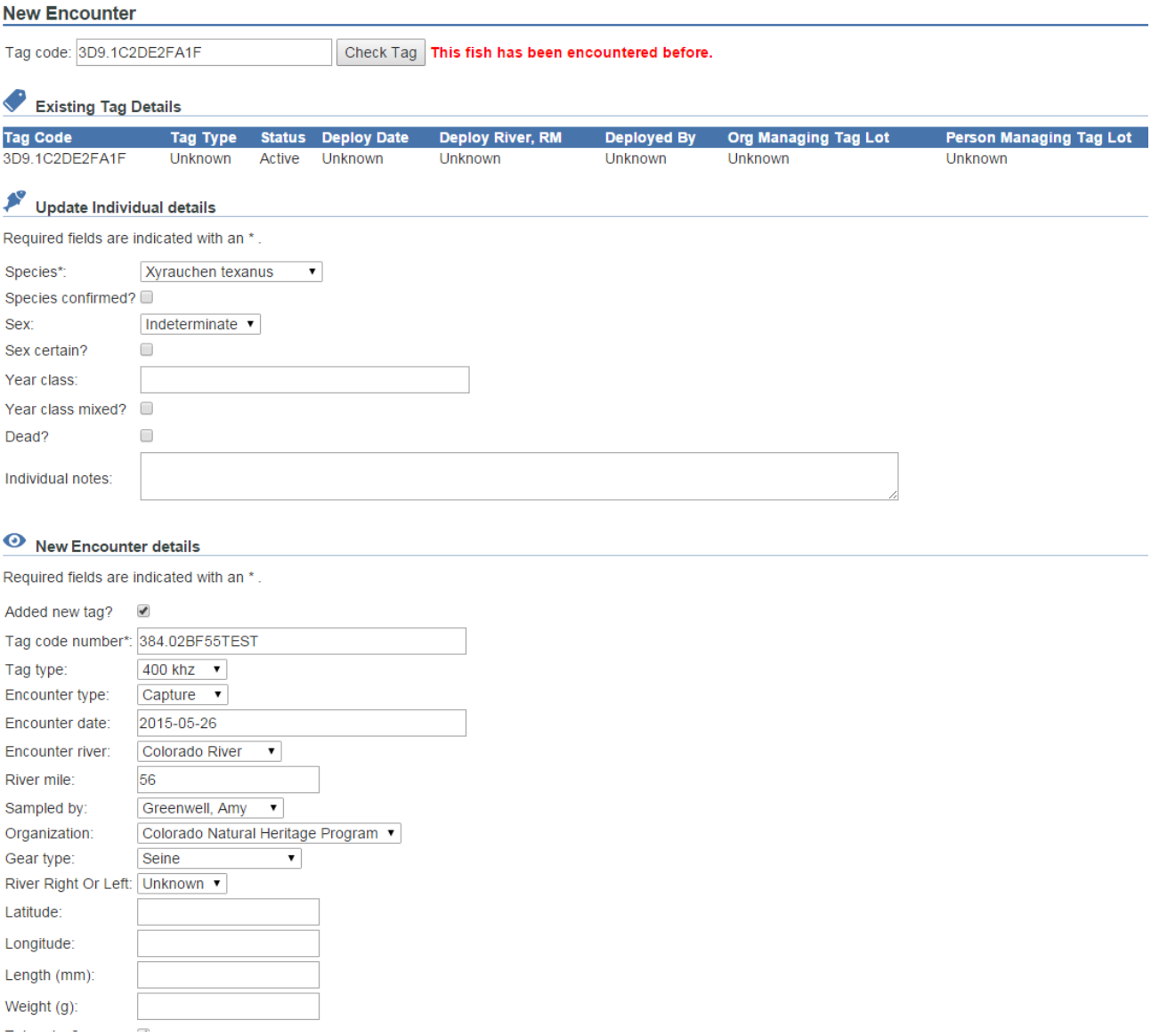




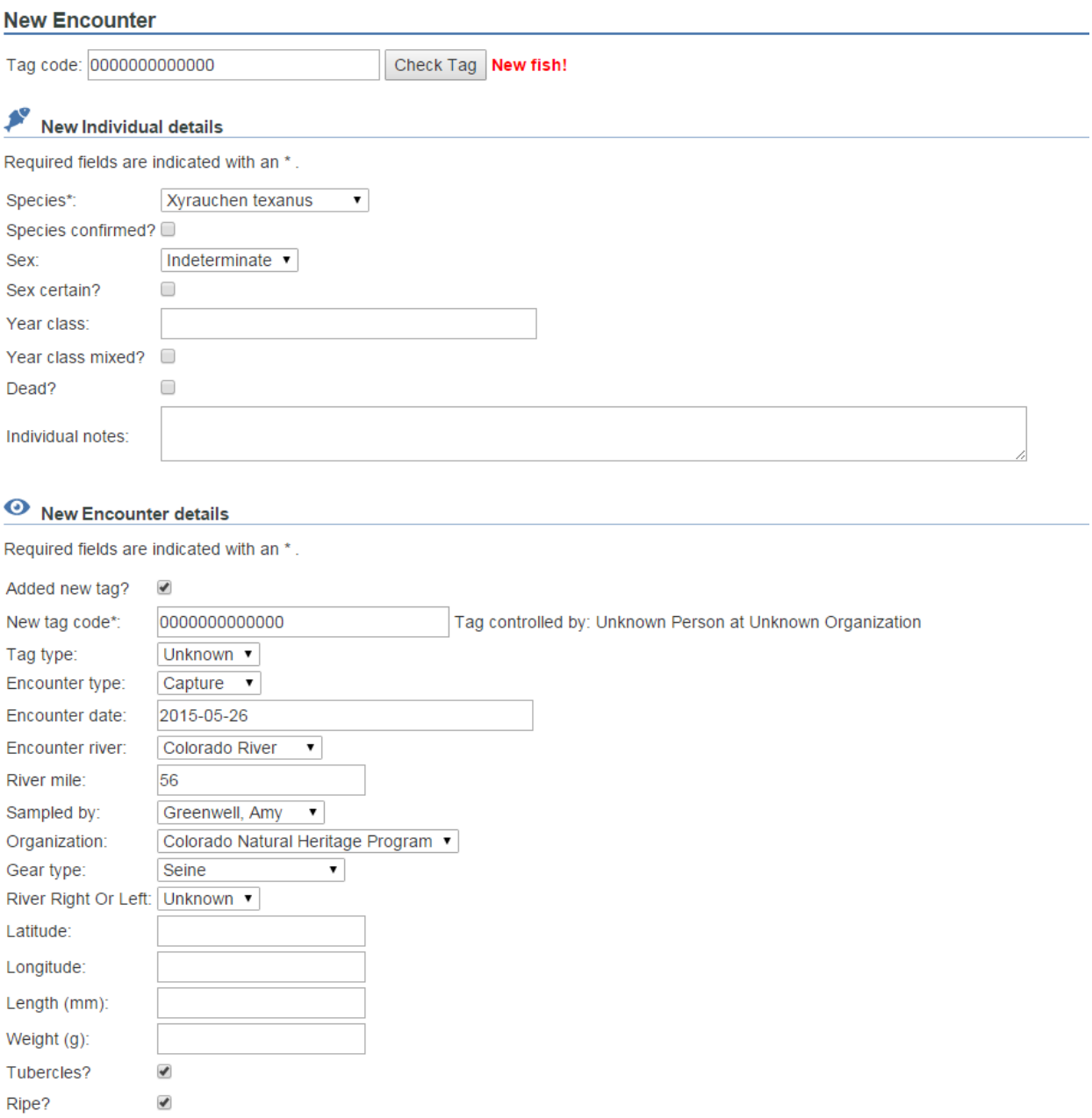
- **Studies** – The browse studies feature is now much more functional. Improvements this month include:
    - Added ability to associate a study with multiple organizations.
    - Changed the roles within a study to be PI and member. Roles within studies are now strictly informational.
    - Added river association
- **Sampling Events** – This new feature is accessed through the studies interface. A study can have multiple sampling events, and each sampling event is a group of encounters.
    - Eventually, this will be a place to upload a spreadsheet, but for now you can get an idea of how things work by adding an encounter or two to a test sampling event.



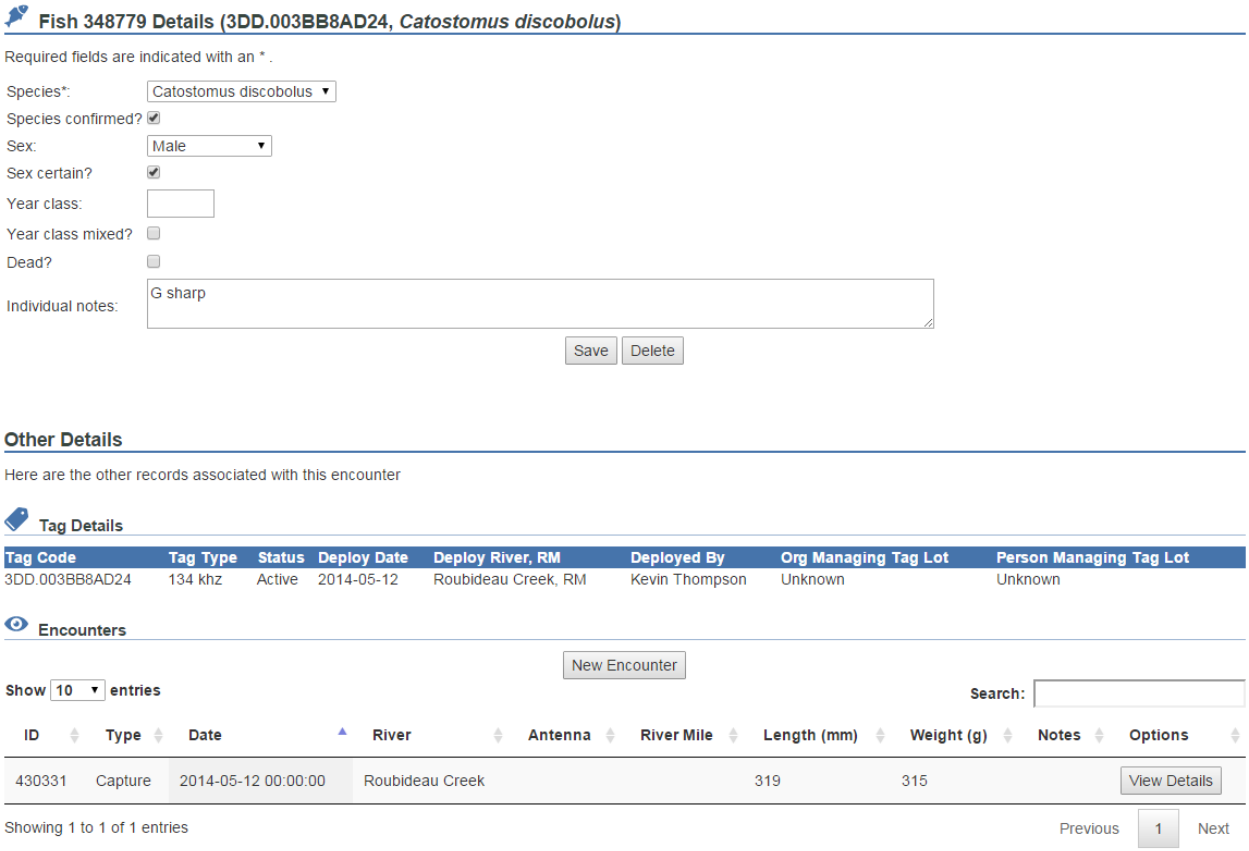
- **New Records** – We completely revised the way new records are entered.
    - Clicking “New Individual” or “New Encounter” anywhere in the system takes you to the same page, where the system does the hard work of determining whether this tag has been encountered before.
        - If the tag is associated with an individual, you can update the record, add an encounter, and add a tag



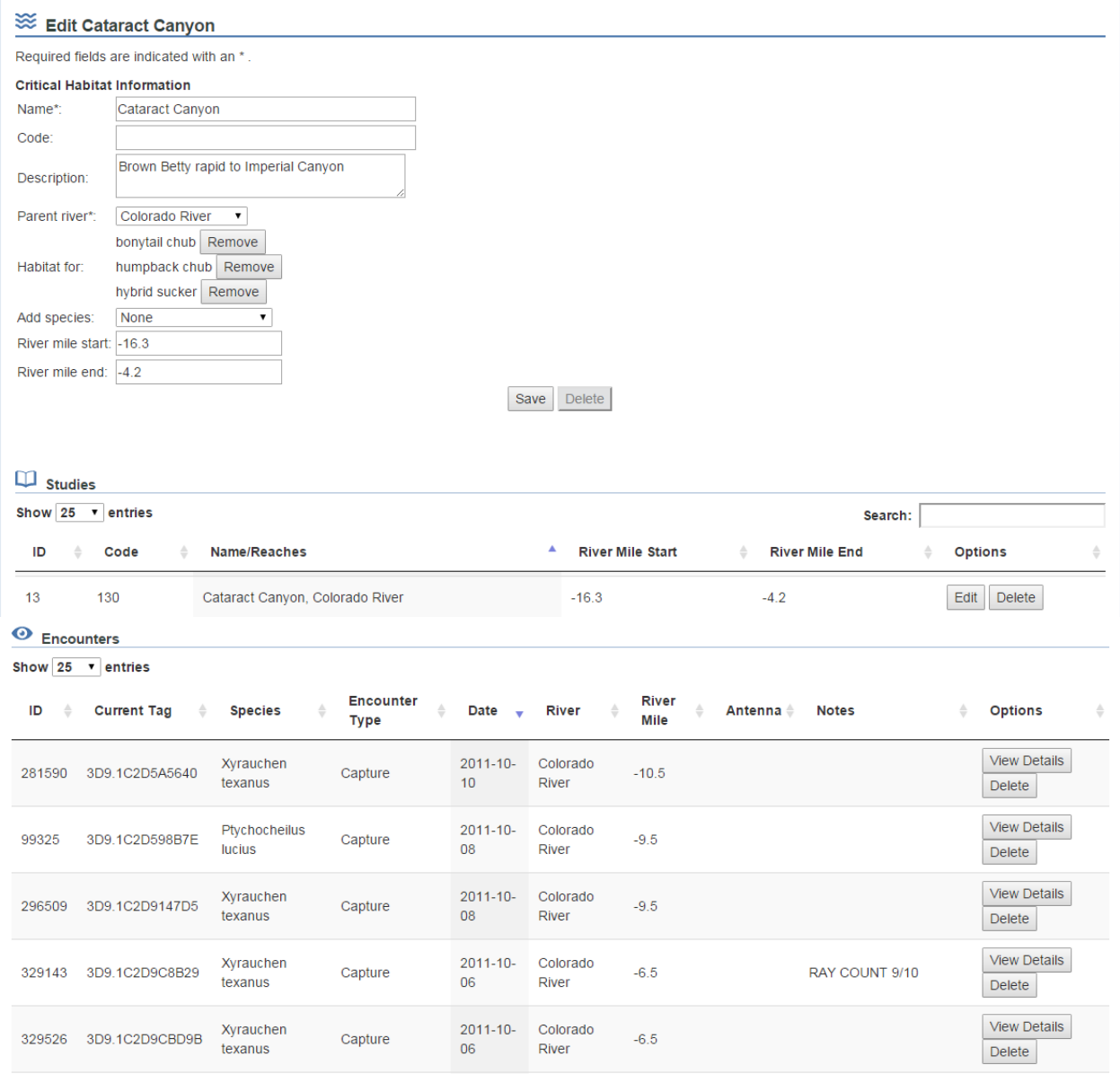
- If the tag is not associated with an individual, the system pulls the PIT Tag distribution information (Unknown Person below, the database isn't complete) and allows you to add a new fish and encounter.



- **Edit Encounters and Edit Individuals** – Each of these “details” pages now displays ALL relevant records for whatever you looked up, and allows you to “drill down” to those details (ie if you look up an individual fish, you can view all tags and encounters, then edit each encounter individually). Before, this was possible to a limited extent for individuals, but not encounters.



- **Edit Hydro Areas** – We added the studies and encounters tables to this window. You can now browse to a critical habitat and see the studies working in that area, or the encounters recorded in that area. Fun!



Edit Cataract Canyon

Required fields are indicated with an * .

Critical Habitat Information

Name*: Cataract Canyon

Code:

Description: Brown Betty rapid to Imperial Canyon

Parent river*: Colorado River

Habitat for: bonytail chub Remove; humpback chub Remove; hybrid sucker Remove

Add species: None

River mile start: -16.3

River mile end: -4.2

Save Delete

Studies

Show 25 entries Search:

ID	Code	Name/Reaches	River Mile Start	River Mile End	Options
13	130	Cataract Canyon, Colorado River	-16.3	-4.2	Edit Delete

Encounters

Show 25 entries

ID	Current Tag	Species	Encounter Type	Date	River	River Mile	Antenna	Notes	Options
281590	3D9.1C2D5A5640	Xyrauchen texanus	Capture	2011-10-10	Colorado River	-10.5			View Details Delete
99325	3D9.1C2D598B7E	Ptychocheilus lucius	Capture	2011-10-08	Colorado River	-9.5			View Details Delete
296509	3D9.1C2D9147D5	Xyrauchen texanus	Capture	2011-10-08	Colorado River	-9.5			View Details Delete
329143	3D9.1C2D9C8B29	Xyrauchen texanus	Capture	2011-10-06	Colorado River	-6.5		RAY COUNT 9/10	View Details Delete
329526	3D9.1C2D9CBD9B	Xyrauchen texanus	Capture	2011-10-06	Colorado River	-6.5			View Details Delete

- **Edit Organizations** – We added the studies tables to this window. You can now view all the studies associated with an organization from its edit window.

Bug Fixes & Tweaks

- **Encounter List** –
    - Delete button now works
    - Changed the default order of the list to be most recent encounter first and added an index to the database to increase processing speed of that column.

- **Hydro Areas –**
    - You can no longer change type for these. Once you create a river, you can't turn it into a reach or a lake.
    - New Rivers - The error checking we added last month broke the new river feature. It required rivers to have an end mile greater than the start mile, even though there is no end mile on a river. This has been corrected, and tooltips have been improved.
    - Critical Habitats – Improved, so you don't have to click save after selecting a species for this critical habitat.
- Breadcrumbs throughout – We still have some work on these, but they are now much more consistent in both verbiage and behavior
- Delete buttons throughout the system tested and fixed where broken (also moved them all to be centered, hopefully)
- Moved repeated code into web service calls – We often want to see the same table or form on multiple different pages. To do this with less effort, I moved the code into one central location that I call from different places.