February Techinar 2/18/2016

Attendees: Amy Greenwell (CNHP), Dave Speas (BOR), Kevin McAbee (FWS), Travis Francis (FWS), Andy Treble (CPW), Scott Durst (FWS), Tildon Jones (FWS), Kevin Thompson (CPW), Koreen Zolasko (LFL)

Key: Question, Action Item

Review of PowerPoint Presentation (see 2016_02_18 STReaMS Monthly Webinar Presentation.pptx)

- Ben Johnke, CSU programmer, is joining the STReaMS team at 50% time. He will participate in the March 14 & 15 workshop at CSU. CNHP is also hiring a fulltime programmer. The position has closed and we have a strong applicant pool. The new hire will be on board in approximately 2 months.
- Samples will live under Studies. They will replace Sampling Events. An example of how the list will look is in the power point presentation. **Question: Are the fields in the Sample list on the Study page the right set of fields?** The group thought that both start date/time and end date/time was not necessary, and would like to see electrofishing seconds. **Action item: Amy will remove end date/time and add electrofishing seconds to the list.**
- We reviewed site-effort template for native fish in the power point. This is very similar to the site effort template used by programs for non-native fish projects, so it should be familiar to the group. Fields are not required so users just fill out what they can or what makes sense for the particular gear type used. **Action item: Amy will send the template out to the group for one last review. Once it is finalized, CNHP will develop the Samples table.**
- We do need to standardize the units for Turbidity. The group decided we should use cm.
- We can link Encounters in the newer datasets from UC to Samples using the Sample Number.
- **Question: Has San Juan tracked effort data?** Yes, San Juan does use Sample Numbers as well. They are in the same situation as UC, where the effort data are not stored with the native fish data, but they can be linked using a Sample Number.
- **Action Item: Someone will need to look through old reports/data sets and pull out effort data with sample numbers for batch upload to STReaMS. Perhaps this could be the new database manager?**
- We really need to hone in on the right filters for the Browse Encounters and Browse Fish pages. There should be a clear difference between the two pages to prevent confusion. Right now the difference is muddy and there is overlap between the two pages. We also need to keep in mind that we will have an advanced query builder next fall. We don't want to spend too much time developing features for filters that will be part of the query builder. We do, however, want the filters to accommodate many of the simple requests and be available to public with lower data access privileges. Be mindful of the happy medium between the two when finalizing the filters.
- **Question: Do we need to add filters to Browse Encounters for recaptures or ripe individuals?** The group thought a filter for recaptures would be useful, but that a filter for ripe

individuals was not necessary. **Action item: CNHP will add a filter to the Browse Encounters page for recaptures.**

- **Question: Do we need a filter for stocking year?** Year class and year stocked are two separate things. Fish in the same year class can be stocked in different years. You can already get at this by filtering on a stocking encounter and a date range.
- **Question: Do we need Federal Status as a filter?** It does provide you with a way to investigate details about Endangered fish, not just native fish. If we expand the scope of the database at a later date to include non-natives, it will be even more useful. Although it is probably not used much now, it is not causing any harm so we will leave it up and reassess next its utility next year.
- It would be helpful to query on detections and encounters. **Action item: add a new item for "detections and encounters" to the encounter type drop down list.**
- **Question: Do we need to filter on IDs?** People are reporting IDs to Travis when they find dubious records. Amy has had a need for searching IDs as well (when investigating potential data problems). We do need a good solution for making IDs searchable.
- **Question: Is Hogback Weir Test a real project? Is BOR really the stocking agency?** Yes and yes. This is a McInstry project that was a unique situation where Mark got the fish from the hatchery, but BOR really did do the stocking. This brings up a good point that we need to train users on the difference between the source hatchery, where fish were reared, and who stocked them. In the Hogback Weir Test example, the larvae were from SNARCC, the fish were reared in grow out ponds at NAPI, and BOR stocked them. Complex! **Action Item: Amy will fix the stocking organization associated with the Hogback Weir Test project. Right now the stocking org is set to NAPI but it should be set to BOR.**
- There was some discussion if we even need the Browse Fish Page. Tildon has been using the Browse Fish page extensively. He is using it to investigate fish detected on his portable antenna projects. He is most interested in knowing where a fish was stocked and where it was last seen. The Browse Fish page gives him a clean list to sort through since it only returns one row per individual. This way, he doesn't have to sort through a lengthy list of Encounters. He has been looking at razorback suckers to see what stocking cohorts are coming back to spawn.
- Browse Fish should stay, but needs a few tweaks. The ideas Amy proposed in the power point are better suited for the query builder. **Action item: Amy will draft some proposed changes to the Browse Fish page for the group to review. The information from Tildon will guide the new tweaks.**
- Overall, it seems the new filters on the Browse Encounters page are helpful. These are only available on CNHP's test server. There are a few glitches with downloads that need to be sorted out before we can roll this live. We hope to have these live soon. **Action Item: Roll filter changes to the live server next week and email the group when they are available.**
- We need ideas for more advanced exercises for the March workshop, especially examples on how we can investigate movement and stocking success. We are looking for ideas that are intriguing, but not overly complicated given the current constraints of the database. **Action item: If you have good ideas, please email Amy and CNHP will test it out on the test**

server to see if it is feasible. Once the new filters are live, you will be able to test out your ideas.

- We reviewed the agenda and made some minor adjustments. Dave would like to send the agenda out tomorrow. **Action item: Amy will email Dave the latest agenda from the webinar.**

Thanks Everyone!

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