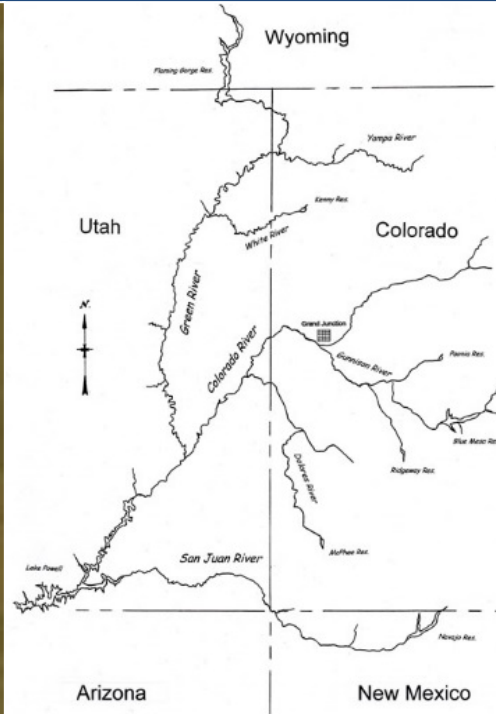


STReaMS: Species Tagging, Research & Monitoring System

Monthly Webinar
1/21/2016



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Agenda

- Overview of Year 2 Development Schedule
- Update on New Release and PIA Imports
- Annual Researchers meeting and STReaMS
- Topics for STReaMS workshop in March at CSU



Development Schedule

- Develop database schema to capture effort – 2016 Q1
- Batch upload capabilities – 2016 Q2
 - Hatchery files
 - Passive Interrogation Arrays
 - Sampling events
- QA/QC features – 2016 Q2
 - Combining records
 - Find duplicates
 - Error checking
 - Revision tracking
- Fourth, “public” role – 2016 Q3
- Online query builder for customizing data downloads – 2016 Q4



New Release Thursday, Jan 14th

- PIT Tag Distributions page
 - Search on Lot Codes, Recipient, and Organization
- New Attributes added to Encounters
 - UTM, Field Recorded Species, Field Recorded Sex
- Encounters are linked to raw data files
 - 2014 data + PIA data
- PIA Locations Filter added to the Encounter List page
- Encounter List added to PIA Location page
- Online Data Dictionary
- Inactive Users



New Target Date Friday, Jan 29th

- PIT Tag Distributions page
 - Search on Lot Codes, Recipient, and Organization
- New Attributes added to Encounters
 - UTM, Field Recorded Species, Field Recorded Sex



Pending PIA Imports

- Hogback Bypass and Intake
 - 133,200 Encounters
- McElmo
 - 38,394 Encounters
- Price River Confluence and Woodside
 - 6,703

178,297

- 1) Existing tag, existing individual, new encounter
- 2) Existing tag, new individual, new encounter
- 3) New tag, new individual, new encounter



Researchers Meeting

- Portable antennas

- Should these be tracked as equipment (i.e. portable PIA) or as effort in a Study? Do we need to track information specific to the equipment? Are portable antennas always associated with a Study?

Start Time	End Time	Location (river & river mile or coordinate?)

- Effort

- Overall survey effort within a study (# of fish captured/hr) when sample details are not available
- If we track Samples, do we need Sampling Events?

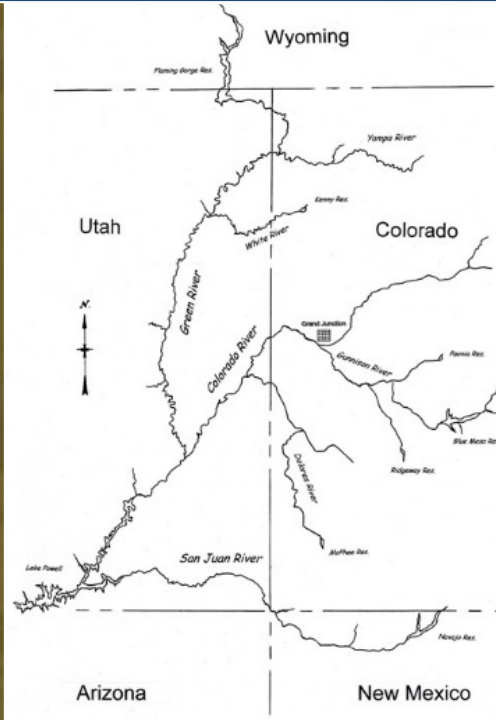
Start Time	End Time	Location (river & river mile or coordinate?)	Gear	# Fish Captured/hr (or some kind of effort metric)

STReaMS Workshop, CSU

- March 14 & 15 at CSU
- Time to work through basic functions, identify a series of exercises or problem they want to solve (ex raw count of recaps vs unmarked fish per some unit of time, first vs last capture of an individual, retrieve fish from xxx survey) – smaller group can generate top 5 questions to work through and then send this out to the larger list to make sure we have captured a range of ideas (make sure hatcheries are included)
- How would a user turn a download into a report?
- Monday morning: brief overview of the site and then move into exercises (start with simple exercises and move to complex later)
- Tuesday morning: review flowchart of batch upload process
- Tuesday wrap-up: feedback, how site is working, needs assessment
- Tuesday early afternoon: more in-depth look at STReaMS , optional (1-4)
- Make a suggestion when sending out the agenda to encourage participants to bring data
- Get antenna data in database and any big hatchery files (not necessarily 2015 field data – Travis has hatchery data from 3 out of 4 hatcheries, Scott's dataset is complete?)



Questions? Comments?



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