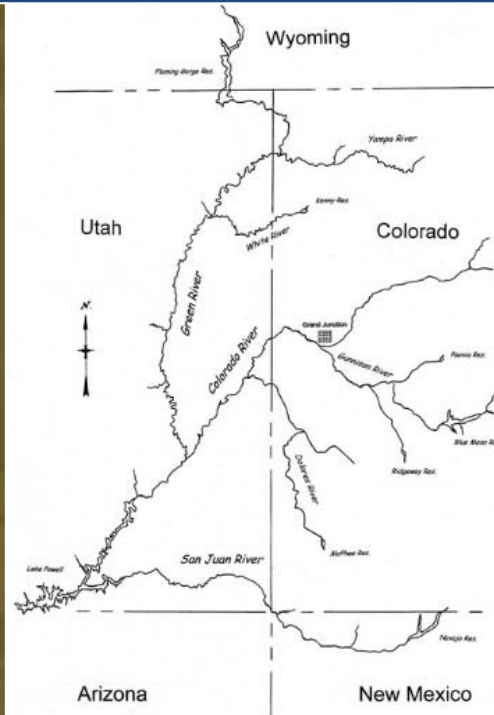


# STReaMS: Species Tagging, Research & Monitoring System

Techinar Presentation

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# Outline

- Lookup values
- Where to store sex & species
- PIT Tag formats (periods or not)
- Development schedule: a monthly breakdown
- Potential working groups
  - Roles, Data Sensitivity
- Action Items
  - Do we have a federal data policy contact?



# Lookup Values

- Categorical data
  - If it changes often, it's in the database
  - Less likely to change, in the code
- “Year class mixed” – ?
- See spreadsheet



# Where to store sex & species

- Individuals vs. Encounters for Sex & Species
  - Our recommendation:
    - Store in Individuals
    - Track revisions
  - Smaller footprint, faster website, etc.
- Any reasons not to?
  - Something something about population estimates



# PIT Tag Formats

- Periods or not?
- Bottom line: fastest if we store it the way you want it reported
  - We can strip them out or put them in during the upload process



# Development Schedule

## General monthly schedule

- 3 weeks of programming/changing the database
- 1 week of testing
- Release new version to the web
  - Release notes posted under “Help & Documentation”
  - Send an email?



# Development Schedule

## March

BETA release (mid-Month)

- “Recapcha” registration
- Preliminary role-based security
- (Maybe) Eliminate Top 1000 limit
- Various bug fixes



# Development Schedule

## April

- Managing people
  - Preliminary role management features
  - Reset your password (set up email on the server)
- Browse/Edit projects
  - Sampling events
    - Encounters in a sampling event
    - Filter encounters by sampling event/study





# Development Schedule

## May

- Antenna management
  - PIA Locations
  - Antennas at a location
    - Antenna performance



# Development Schedule

## June

- Start importing and reformatting data
- Canned data downloads

## July

- Finish importing and reformatting data
- Conditions (at antennas and sampling events)
- Tag lots (tag distribution)
  - Browse, but no edit w/o an upload



# Development Schedule

## August

- Implement role-based security throughout
- TESTING

## September

- Fix big bugs
- Documentation
  - Basic online help (manuals, faqs)
  - Online database dictionary



# Potential Working Groups

- Roles
  - “Public” – limited access, generalized records
  - Researcher – download only
  - Contributor – download, upload, edit
  - Primary Personnel/Principal Investigators –
    - people who manage projects/people
  - Database Management



# Potential Working Groups

- Data Sensitivity
  - Do we have a federal contact on this?

