

Rotary Screw Trap (RST) Data Collection Data Standard

Description:

Although there is an existing standard for exchanging data with PTAGIS for individual PIT-tagged fish associated with rotary screw traps (RST), data standards are still needed for additional types of information from rotary screw traps to support analysis using multiple methods. This task will convene regional biologists to discuss common data fields associated with RST operation that are required for analysis. The objective is to provide standard outputs for trap operation data, fish condition data, and abundance data (beyond what is shared with PTAGIS); e.g. trap efficiency metrics, limitations to trap operations. This information should be framed such that it provides an output consumable for population analysis or site-specific questions. The Data Standard (DS) will reference population names, location, and data provider standards from [CAP DES](#). The goal of this task is to find common fields and values or build crosswalks to support related analysis. A future FMWG task is to write a document on best practices for out-migrant analytical approaches and bias and help document analytical codes to share in [MonitoringResources.org](#) or GIT HUB to help improve analytical processes. We recognize that there will be a need for variation but help in standardization will ensure data interoperability for larger regional analysis.

Task Outcomes:

- DS for Site Operation Data
- DS for Fish Condition Data
- DS For Counts/Abundance and Trap Efficiency

Task Application:

- Data use in multiple analytical tools for out-migrant assessments
- Data use in Life Cycle Models
- Building common RST databases for an Agency/Organization

Links to Resources:

- Supporting materials: [draft spreadsheet](#)
- Product Links and Task Folders: *to be added later*
- [PNAMP Fish Monitoring Work Group webpage](#)

Task Status

Rotary Screw Trap (RST) Data Collection Definition Task	Jan 22	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov
Draft Product		x									
Draft Revision							x				
Data Test			x	x	x	x					
Final Product Meeting & Approval											x

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