

eDNA and Stream Explorers Surveys

Date added: 15 July 2024

Last modified: 15 July 2024

Project type: Samples

Project visibility: Public

Local Contexts Project ID: e142616a-96eb-4b76-a998-244ef2674241

Project page URL: <https://localcontextshub.org/projects/e142616a-96eb-4b76-a998-244ef2674241>

Level: Sub-Project

Source Project: [Comparing eDNA and Specimen-Based Sampling for Biomonitoring in the Penobscot Watershed](#)

Added by: Ronan F. Davis | | Researcher

Project Contact: Beth Y. Davis | bethy.davis4@gmail.com

Contributors:

- Kylie Holt | Role: Additional Contact
- Ronan F. Davis | Researcher | Role: Additional Contact
- Andy Rominger | Researcher | Role: Additional Contact

Project Description:

Collected water eDNA samples as well as specimens for tissue extraction alongside Stream Explorers surveying conducted by Maine DEP and the Penobscot Nation Department of Natural Resources. Sampling occurred at two time points - September 2022 and May 2023 - at three stream reaches. eDNA analysis focused on the 12S and COI primers and how well either primer might serve as a biomonitoring tool for benthic macroinvertebrates of interest.

Project Links

- https://github.com/bethydavis/UM_FSM_PNSW22-23

Project Notices



Biocultural Notice

The BC (Biocultural) Notice is a visible notification that there are accompanying cultural rights and responsibilities that need further attention for any future sharing and use of this material or data. The BC Notice recognizes the rights of Indigenous Peoples to permission the use of information, collections, data and digital sequence information (DSI) generated from the biodiversity or genetic resources associated with traditional lands, waters, and territories. The BC Notice may indicate that BC Labels are in development and their implementation is being negotiated.
