

Natural Community Verification Report

Waterbody Name (WBIC): UNNAMED SINGLE-LINE STREAM T36N-R8W-S29 (2375200)

Swims Station ID: 10047172

Survey Sequence Number: 515085696

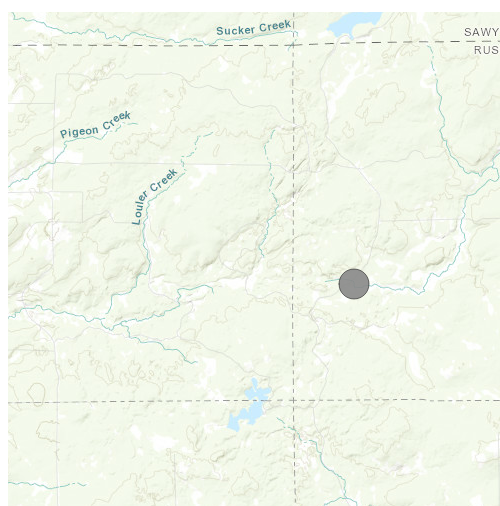
This NC Verification Report was run on Unnamed Tributary to Big Weirgor Creek-Outlet of Star Lake, (10047172), located in RUSK County with fish Survey Sequence Number 515085696 sampled on July 1, 2016. The Natural Community for this station was verified by Joseph Cunningham on November 26, 2019.

The Natural Community was modeled *Coldwater* and is now Verified as *Warm Transition Headwater*

Fish captured

Species	Count
BLACKNOSE SHINER	1
BLUEGILL	7
BROOK STICKLEBACK	25
CENTRAL MUDMINNOW	12
COMMON SHINER	7
FINESCALE DACE	3
GOLDEN SHINER	2
IOWA DARTER	1
JOHNNY DARTER	6
WHITE SUCKER	1

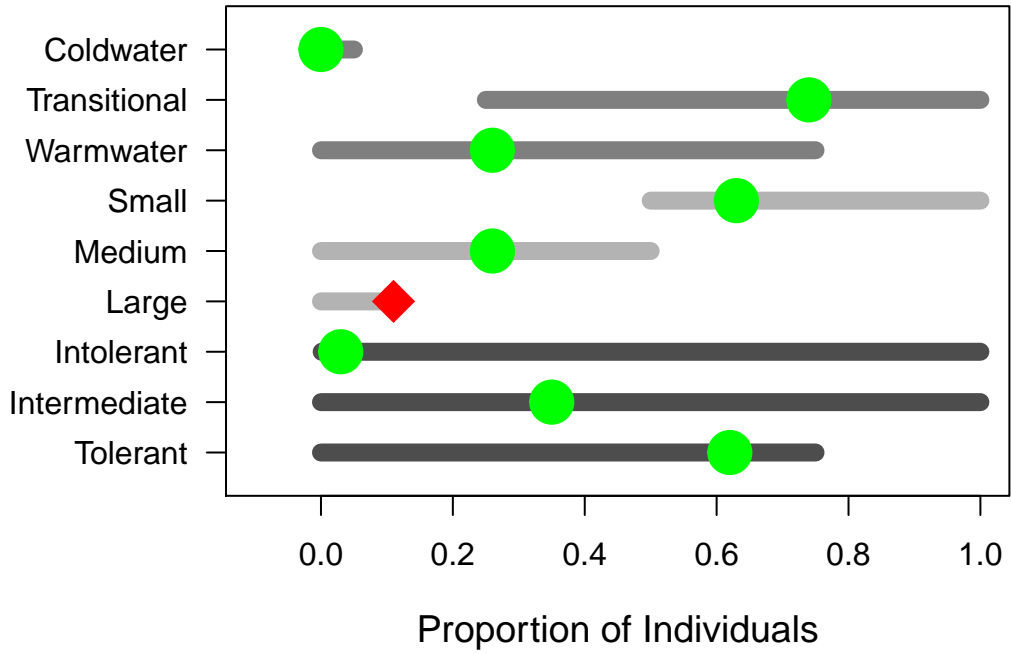
Survey location



Guild percentages

Thermal	Percent.Indiv.	Size	Percent.Indiv.	Tolerance	Percent.Indiv.
Coldwater	0	Small	63	Intolerant	3
Transitional	74	Medium	26	Intermediate	35
Warmwater	26	Large	11	Tolerant	62

Warm Transition Headwater Guild Test



Comments from WR Biologist:

Unnamed Tributary to Big Weirgor Creek (Outlet of Star Lake), downstream of Fire Lane Road. The modeled natural community, Coldwater, is not valid based on failed thermal and fish tolerance tests when running the Shupryt tool. The best alternative natural community, Warm Transition Headwater, is recommended based on passing 8 of 9 guild tests.