

Natural Community Verification Report

Waterbody Name (WBIC): DEER CREEK (2374200)

Swims Station ID: 10029020

Survey Sequence Number: 515085693

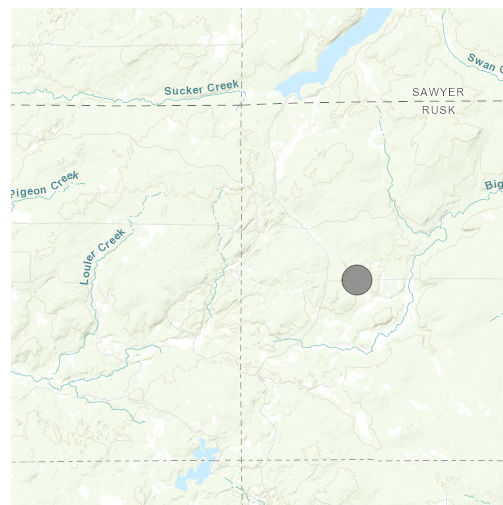
This NC Verification Report was run on Deer Creek Meadow Dam Road, (10029020), located in RUSK County with fish Survey Sequence Number 515085693 sampled on August 18, 2016. The Natural Community for this station was verified by Joseph Cunningham on November 27, 2019.

The Natural Community was modeled *Cold Transition Mainstem* and is now Verified as *Cold Transition Headwater*.

Fish captured

Species	Count
BLACKSIDE DARTER	2
BROOK TROUT	24
BROWN TROUT	1
BURBOT	5
CENTRAL STONEROLLER	6
COMMON SHINER	4
CREEK CHUB	37
FANTAIL DARTER	3
HORNYHEAD CHUB	10
LONGNOSE DACE	70
MOTTLED SCULPIN	2
PEARL DACE	1
WESTERN BLACKNOSE DACE	32
WHITE SUCKER	4

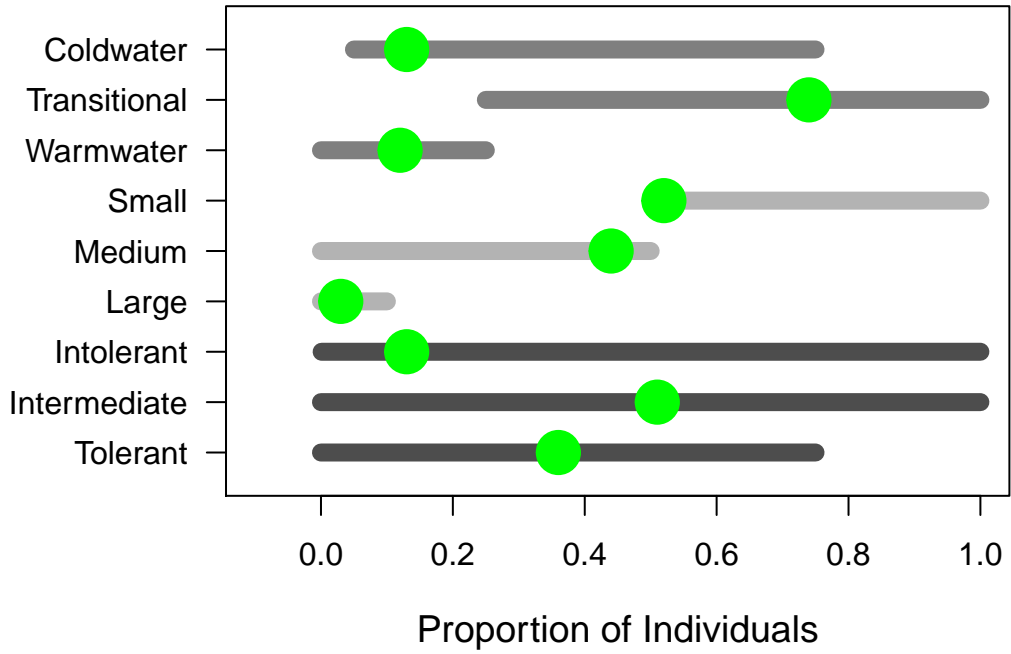
Survey location



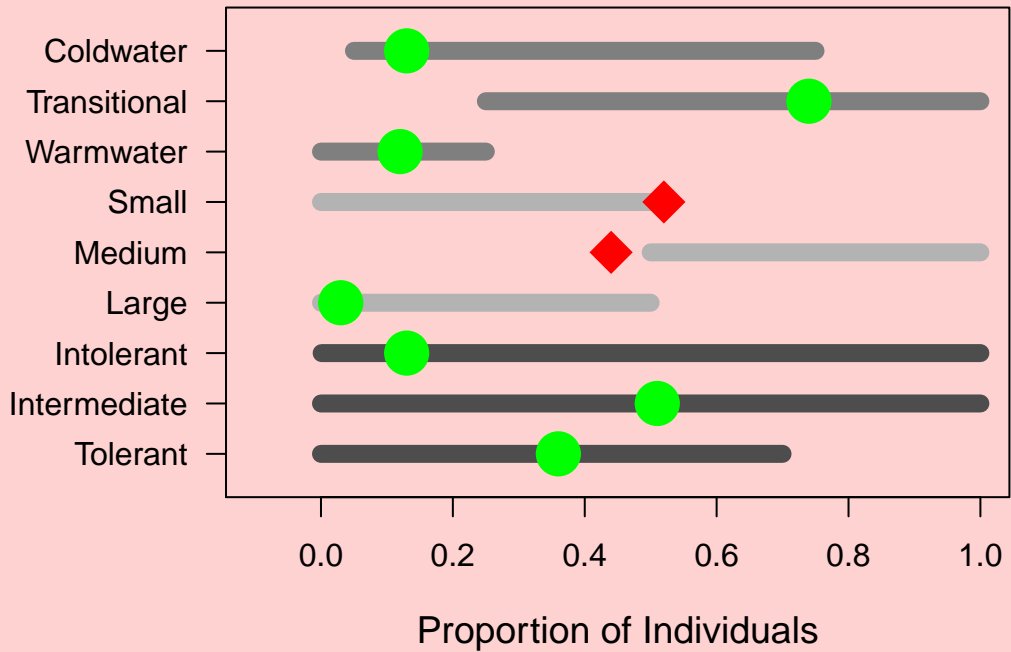
Guild percentages

Thermal	Percent.Indiv.	Size	Percent.Indiv.	Tolerance	Percent.Indiv.
Coldwater	13	Small	52	Intolerant	13
Transitional	74	Medium	44	Intermediate	51
Warmwater	12	Large	3	Tolerant	36

Cold Transition Headwater Guild Test



The NC shown below was considered but NOT selected Cold Transition Mainstem



Comments from WR Biologist:

Deer Creek at Meadow Dam Road, downstream. The modeled natural community, Cold Transition Mainstem, fails the small and medium stream size guild tests, passes 7 of 9 guild tests when run on the Shupryt Tool. The recommended natural community, Cold Transition Headwater, passes 9 of 9 guild tests when run in the Shupryt Tool.