

Penobscot Salmon Habitat Recovery Unit

2020 Report on 2019 Activities

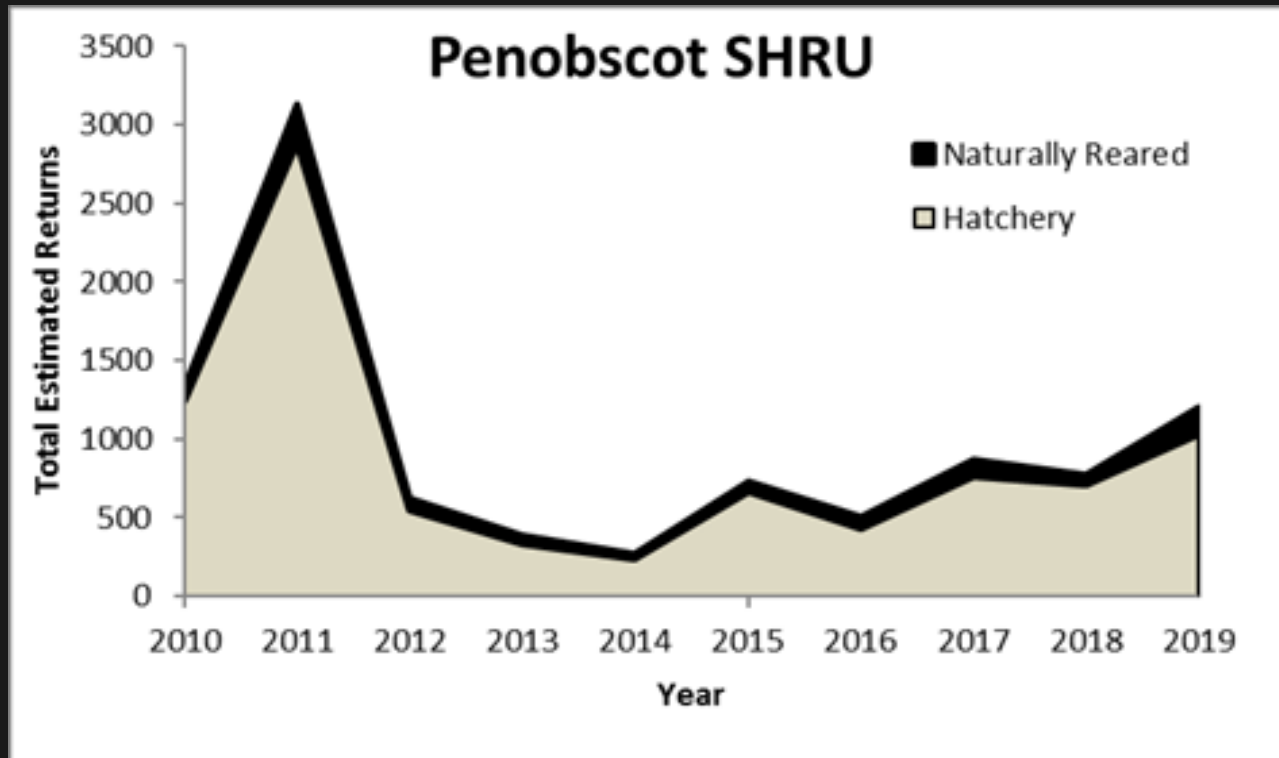
Atlantic Salmon Collaborative Management Strategy

Public Meeting

May 28, 2020

Penobscot SHRU Coordinating Committee:
Anna Harris & Meredith Bartron (FWS, co-chairs)
Dan Kircheis (NOAA)
Mitch Simpson & Peter Ruksznis (MDMR)
Dan McCaw & Jan Paul (Penobscot Nation)

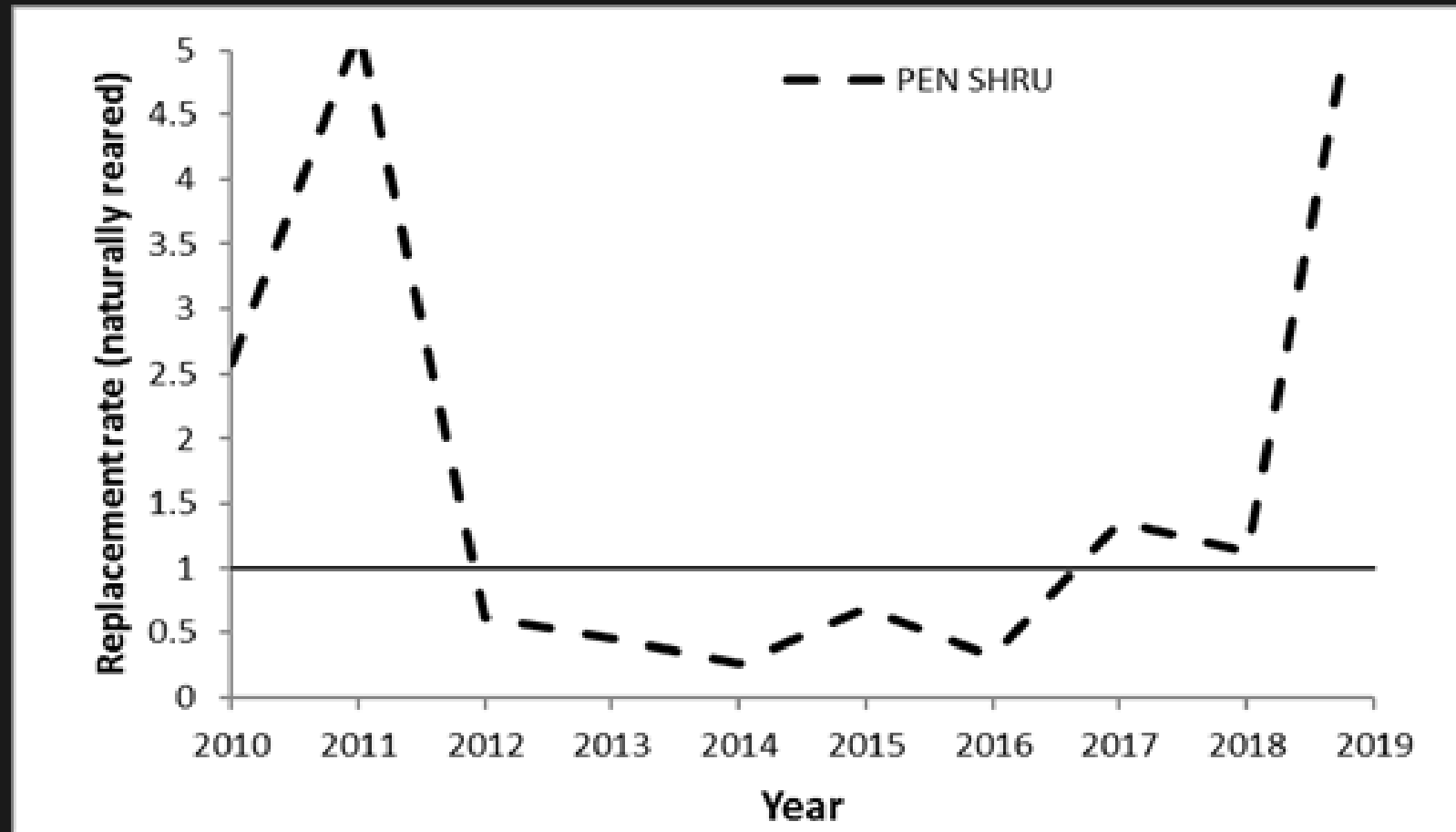
Abundance



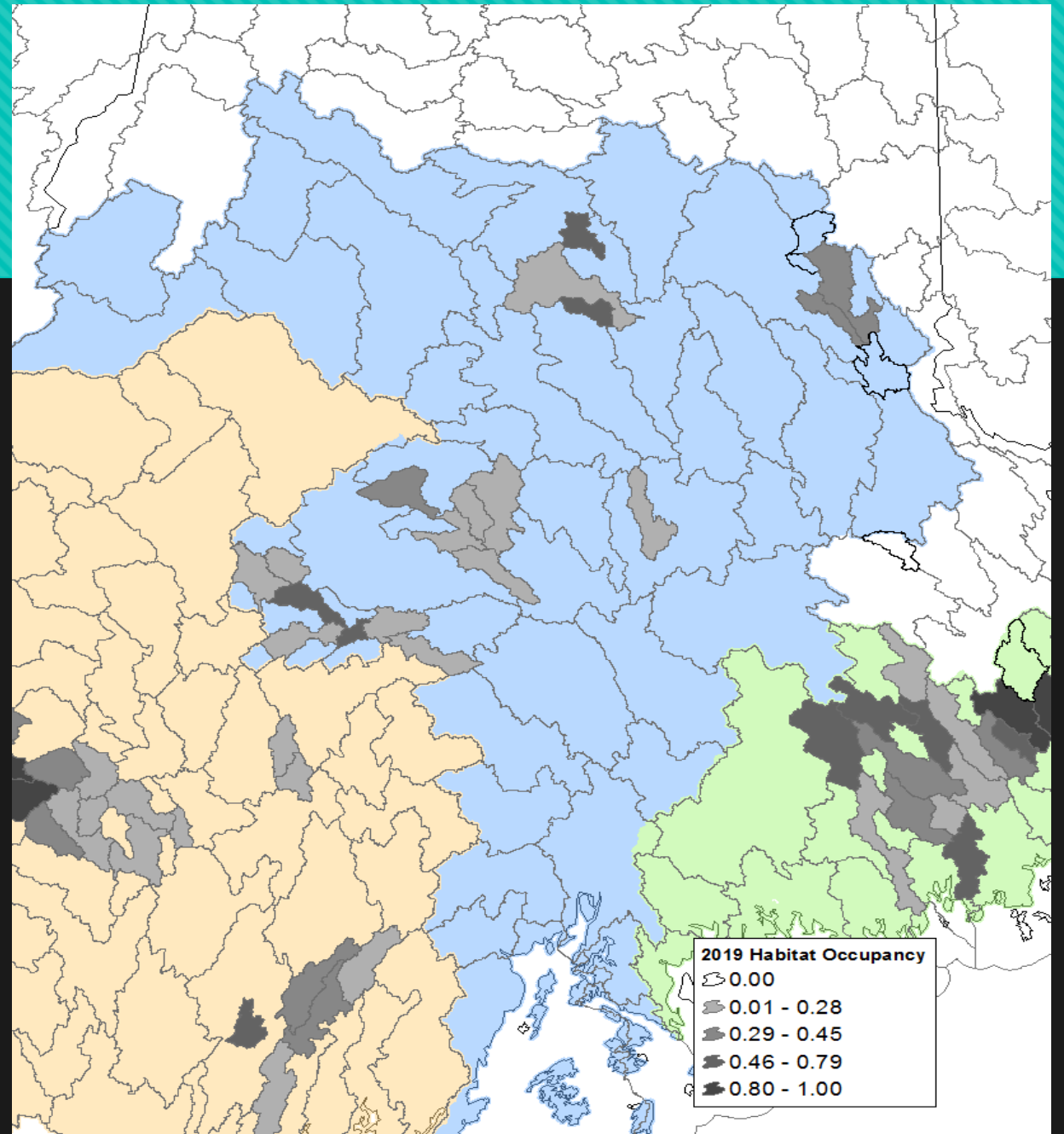
Return Year	Number hatchery reared	Number of naturally reared
2010	1239	88
2011	2878	247
2012	547	77
2013	334	54
2014	239	29
2015	670	61
2016	429	78
2017	761	105
2018	711	61
2019	1028	177

Replacement Rate

- The 10-year mean replacement rate of naturally reared fish is 1.075 between 2009 and 2019

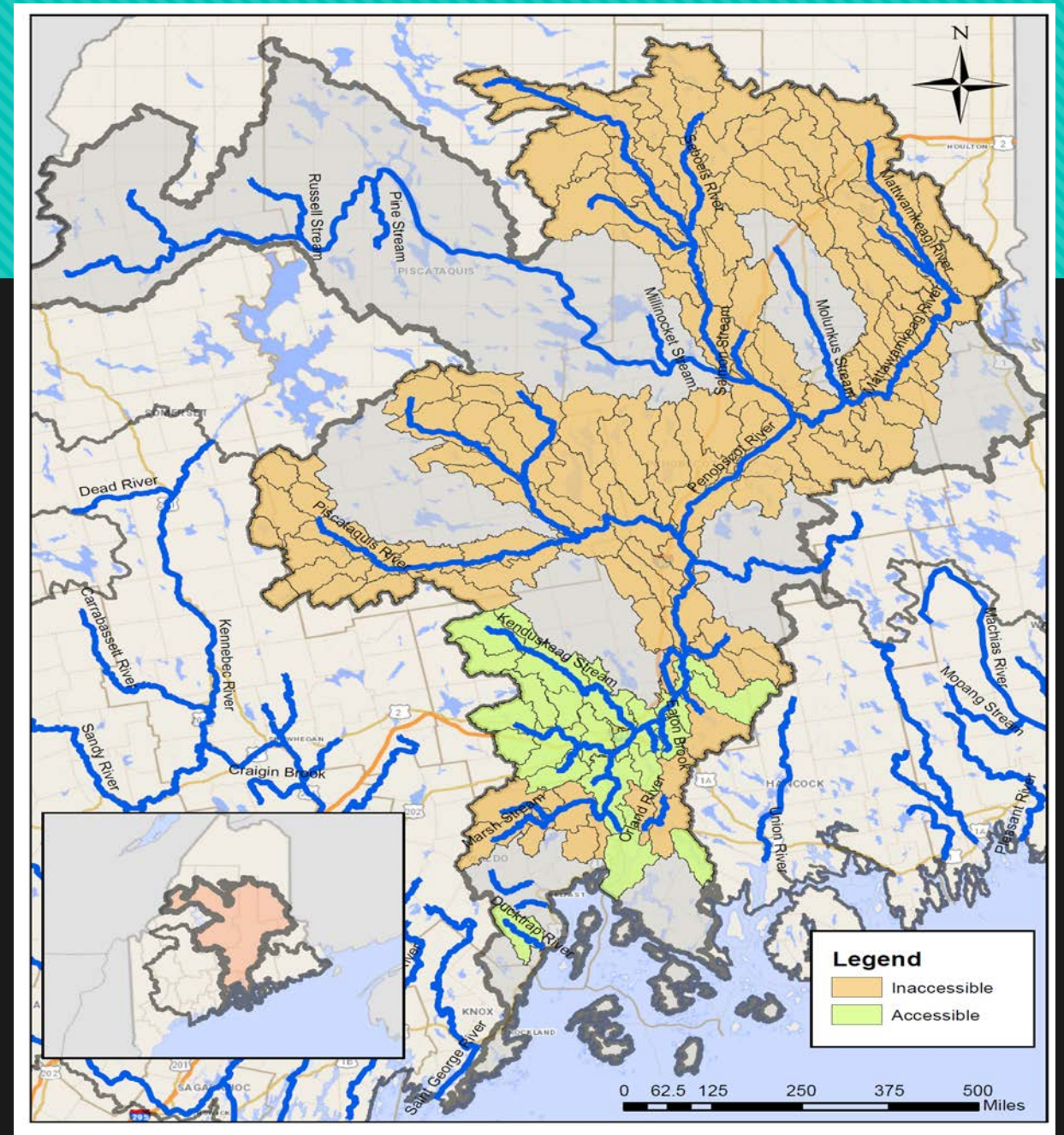


Spatial Distribution



Habitat Access

Map of currently accessible habitat at the Hydrologic Unit 10 level within the Penobscot SHRU based on the definitions of accessible in the final recovery plan





Summary of recovery related projects

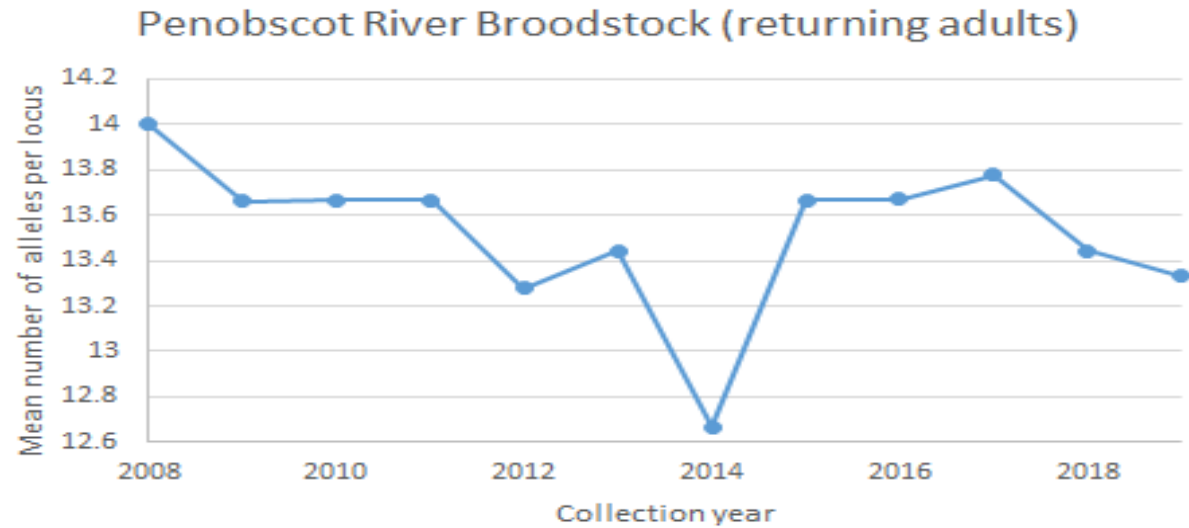
- 21 connectivity/restoration projects by watershed:
 - 3 in the Lower Penobscot
 - 10 in the Piscataquis
 - 2 in the East Branch
 - 3 in the Penobscot
 - 3 in Mattawamkeag
- Over 27 stream miles opened up that count towards recovery



Stocking

River	Life stage	Number
Penobscot	Smolts	555,000
Penobscot	Fry	631,000
Penobscot	Parr	93,000
Penobscot	Eggs	495,000
Penobscot	Adults (pre-spawn)	97*
Penobscot	Adults (Post-spawn)	1437

Diversity:



River	%1SW	%2SW	%3SW	%Repeat spawners	%Age 1 smolt	%Age 2 smolt	%Age 3+ smolt
Penobscot	24%	75%	1%	0	86%	13%	1%
Kenduskeag	17%	83%	0	0		100%*	
Souadabscook	33%	66%	0	0		100%*	



Emerging Issues and Priorities

- Salmon for Maine's Rivers project
- Ongoing and future FERC relicensing
- Ongoing support for the PIT tag arrays used to monitor fish movement

Upcoming Meetings: Please Join Us!

- Tuesday June 16 – 1:00- 2:30 p.m.
 - Theme: Project Scoping
- Tuesday July 21- 1:00 – 2:30 p.m.
 - Theme: Based on project discussions; stocking needs, priorities, resources
- Tuesday August 18 – 1:00 – 2:30 p.m.
 - TBD
- Tuesday September 15 – 1:00 – 2:30 p.m.
 - TBD
- 5-year report draft due September 2020
- Contact Meredith_Bartron@fws.gov or Anna_Harris@fws.gov