

Rouge Fish Surveys 2011-16

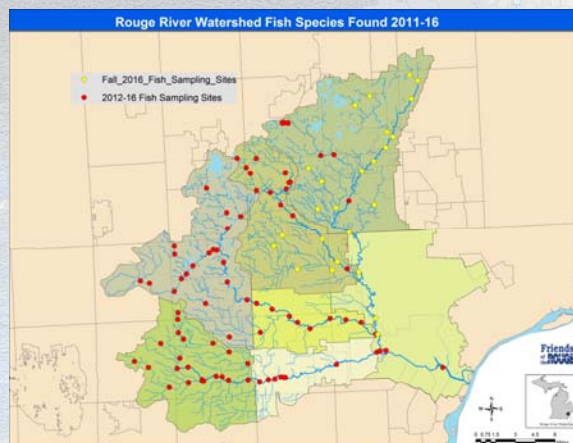
Friends of the Rouge

January 2017

Partially funded by the Areas of Concern Program
Office of the Great Lakes (OGL), DEQ

Additional data provided by MDNR and MDEQ

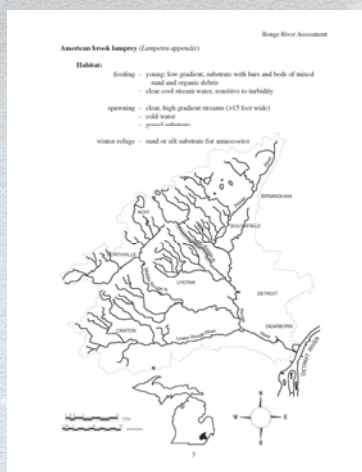
2011-16 Sampling Sites



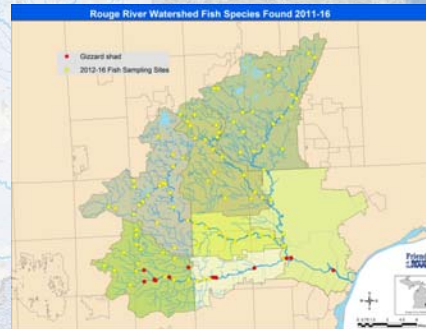
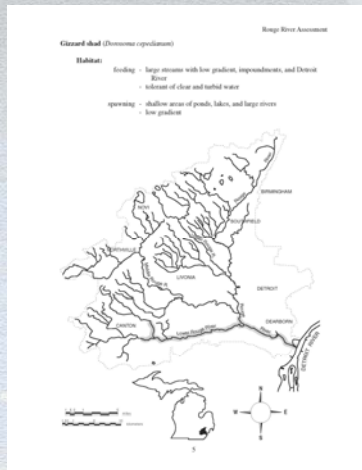
- 36,469 fish
- Sixty one species
- Seven new native species
- Two new non-native species
- Five species in 1998 survey not found



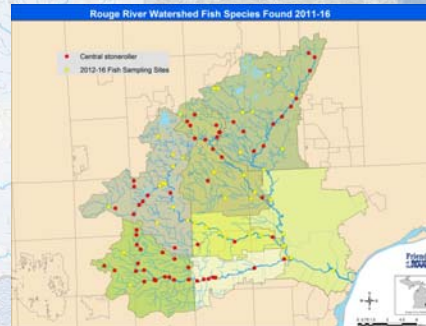
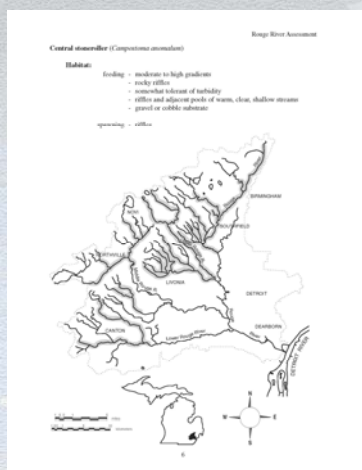
American brook lamprey (*Lampetra appendix*)



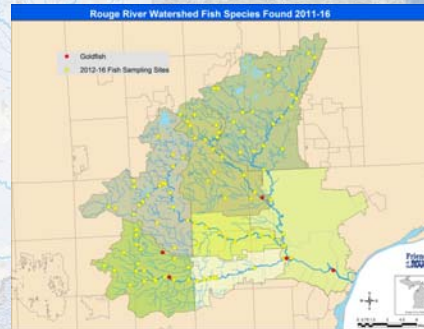
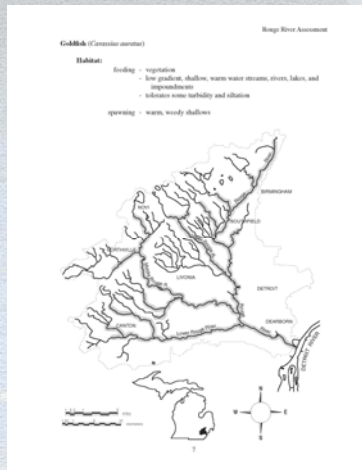
Gizzard shad (*Dorosoma cepedianum*)



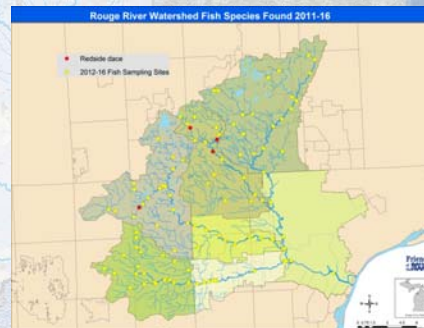
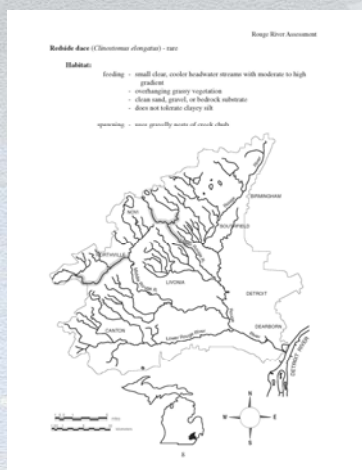
Central stoneroller (*Campostoma anomalum*)



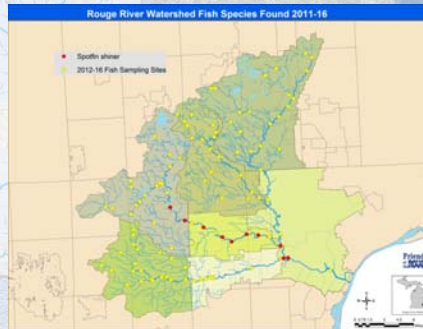
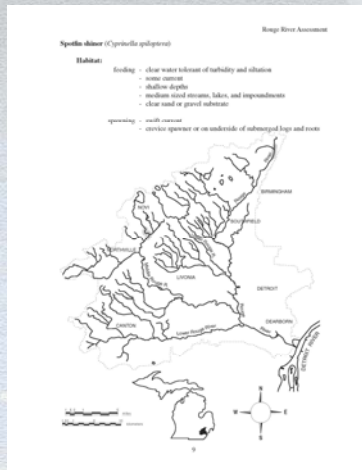
Goldfish (*Carassius auratus*)



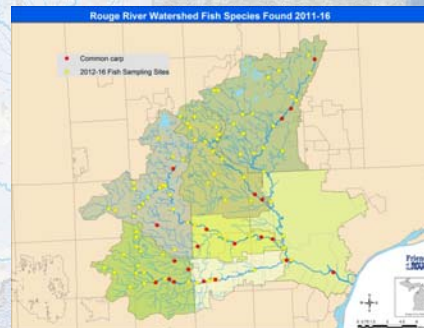
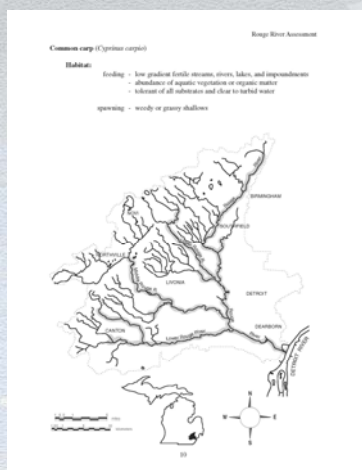
Redside dace (*Clinostomus elongatus*)



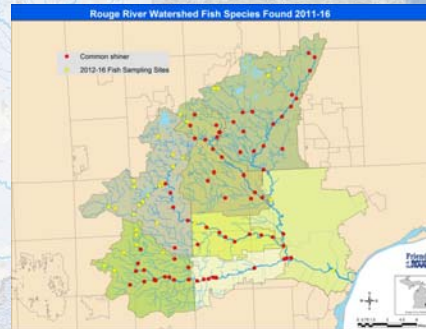
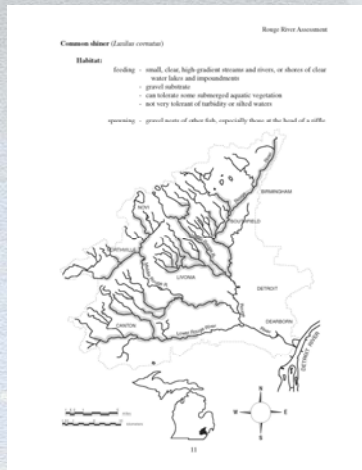
Spotfin shiner (*Cyprinella spiloptera*)



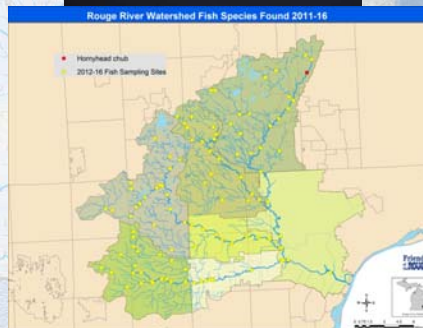
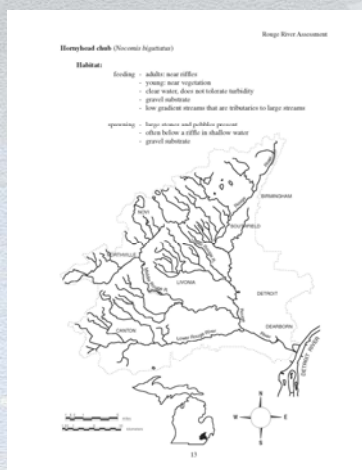
Common carp (*Cyprinus carpio*)



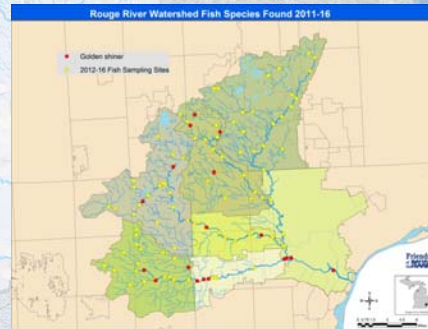
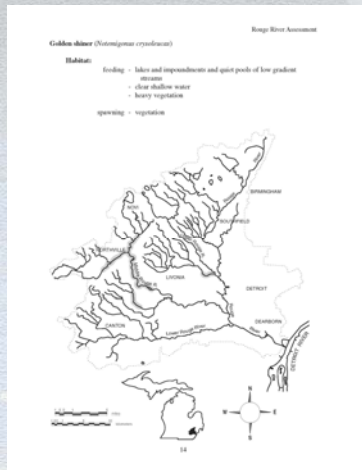
Common shiner (*Luxilus cornutus*)



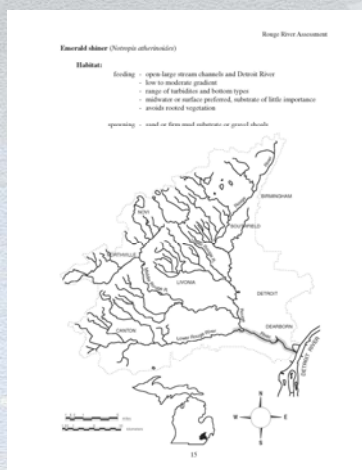
Hornyhead chub (*Nocomis biguttatus*)



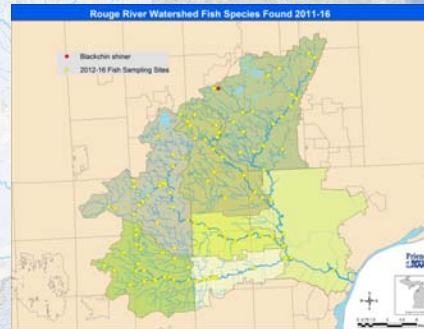
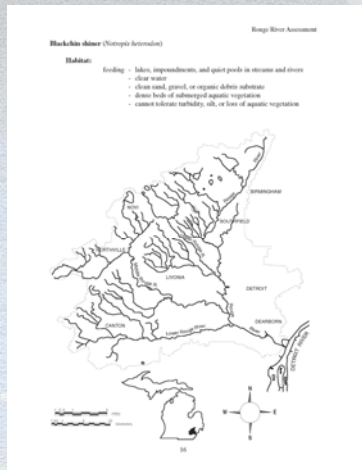
Golden shiner (*Notemigonus crysoleucas*)



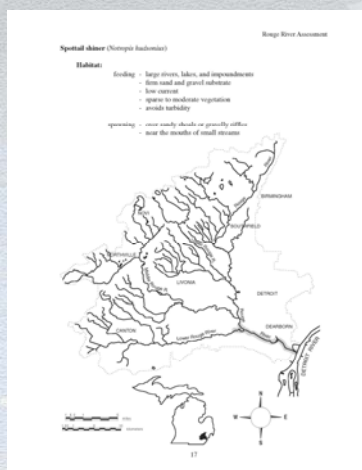
Emerald shiner (*Notropis atherinoides*)



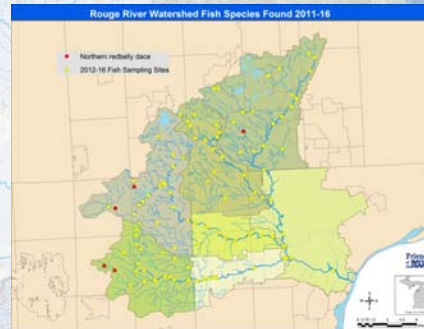
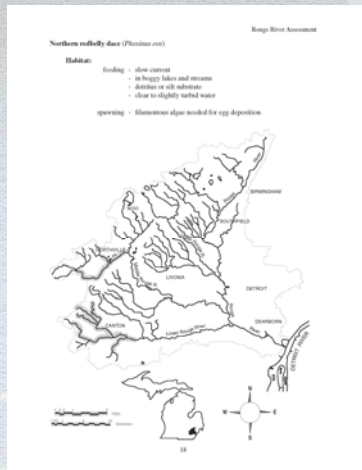
Blackchin shiner (*Notropis heterodon*)



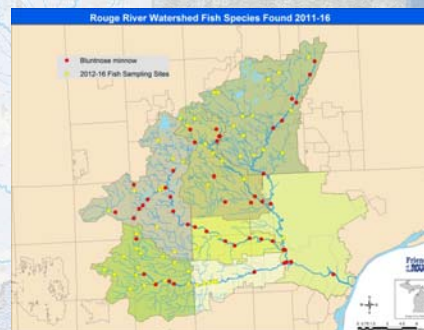
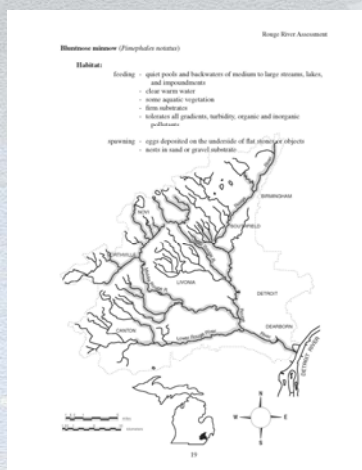
Spottail shiner (*Notropis hudsonius*)



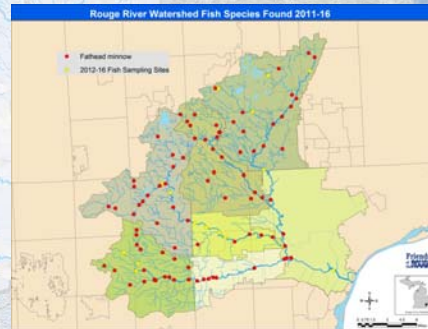
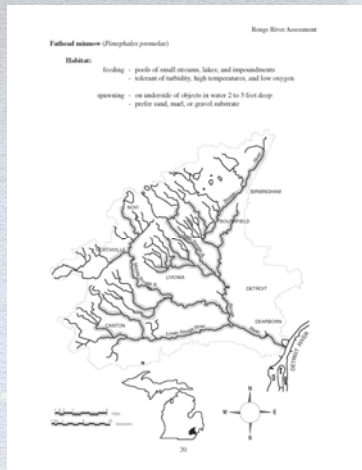
Northern redbelly dace (*Phoxinus eos*)



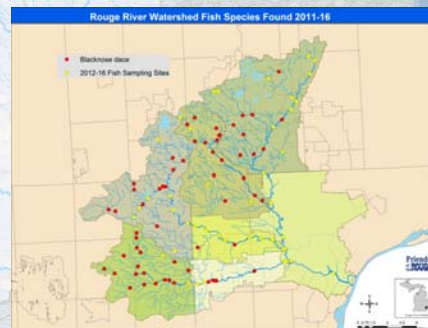
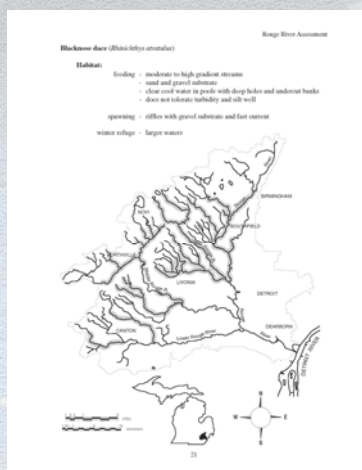
Bluntnose minnow (*Pimephales notatus*)



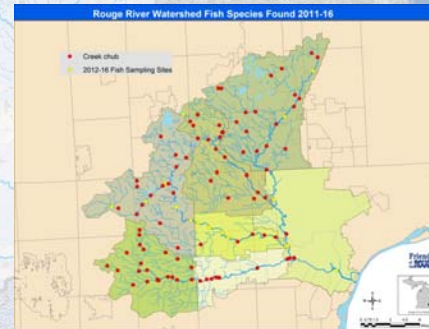
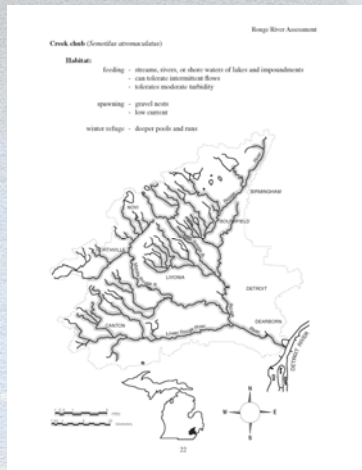
Fathead minnow (*Pimephales promelas*)



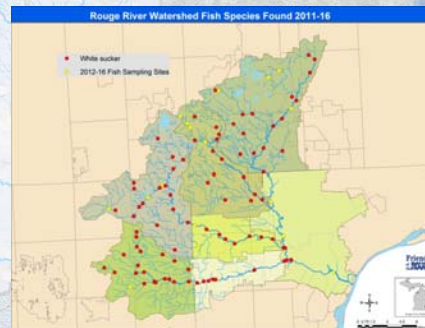
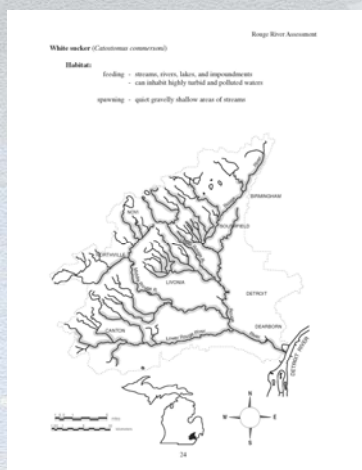
Blacknose dace (*Rhinichthys atratulus*)



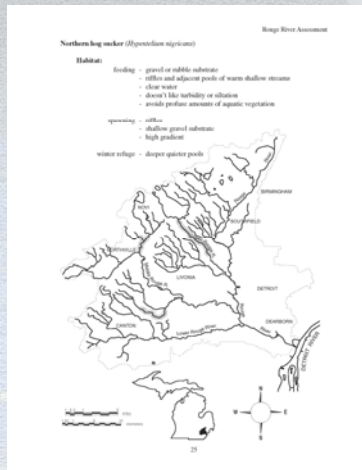
Creek chub (*Semotilus atromaculatus*)



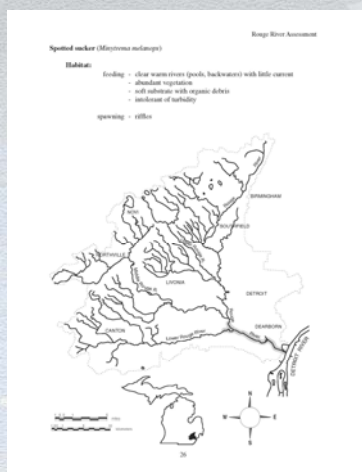
White sucker (*Catostomus commersoni*)



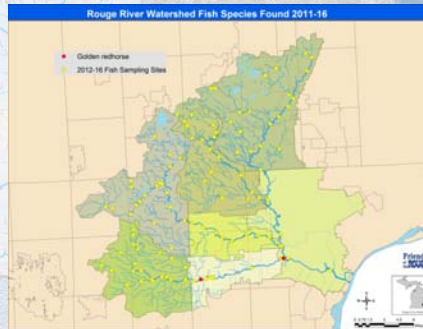
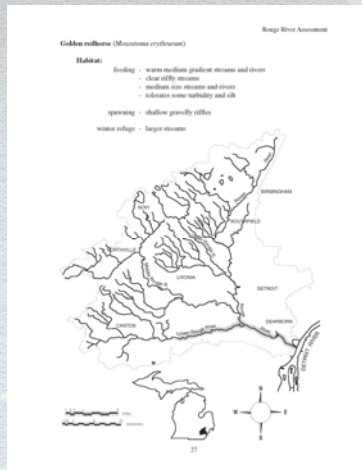
Northern hog sucker (*Hypentelium nigricans*)



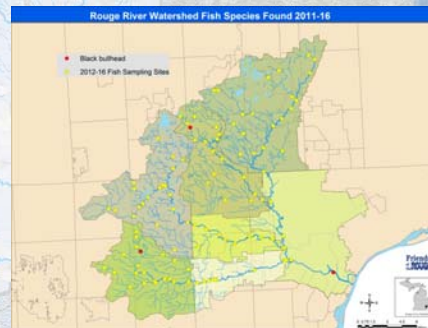
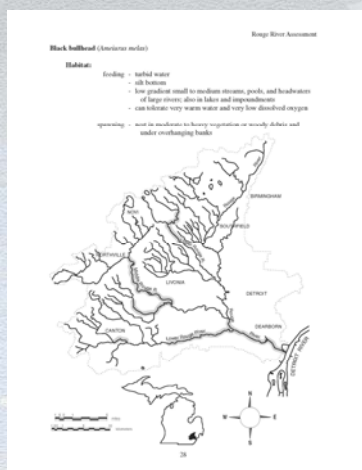
Spotted sucker (*Minytrema melanops*)



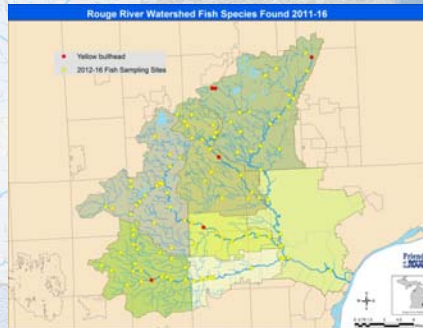
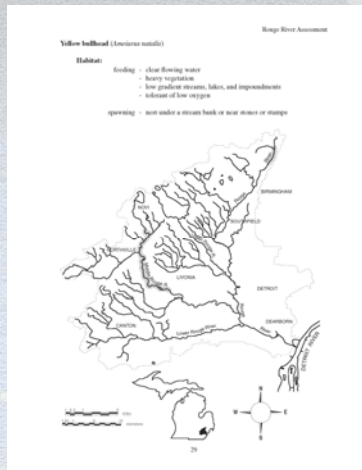
Golden redhorse (*Moxostoma erythrurum*)



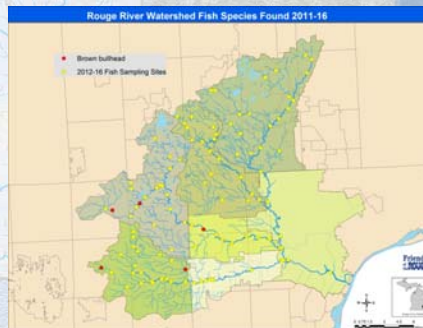
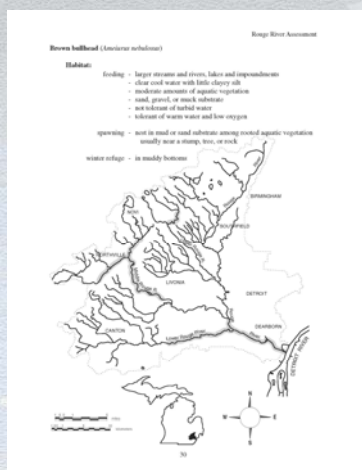
Black bullhead (*Ameiurus melas*)



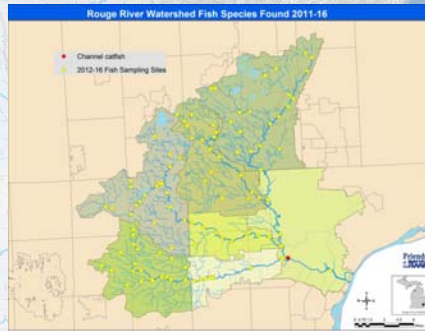
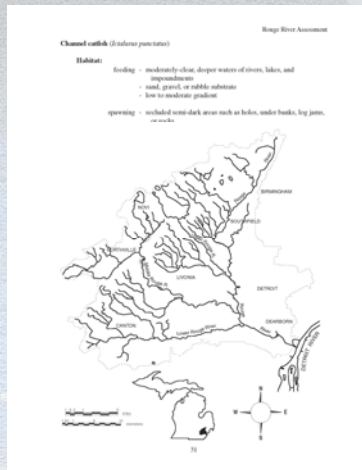
Yellow bullhead (*Ameiurus natalis*)



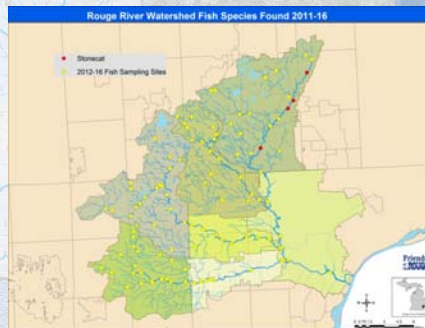
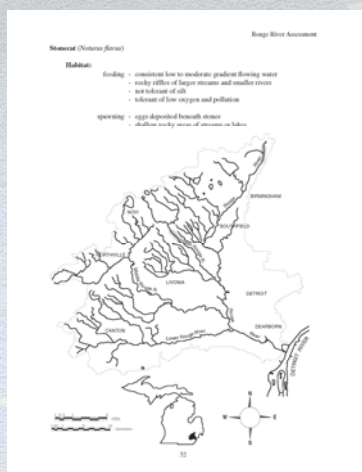
Brown bullhead (*Ameiurus nebulosus*)



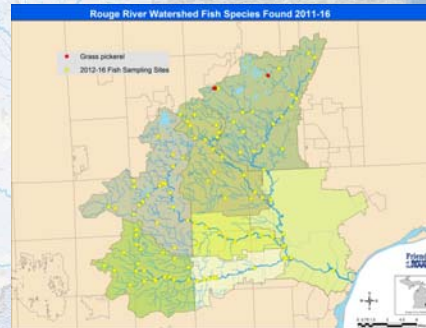
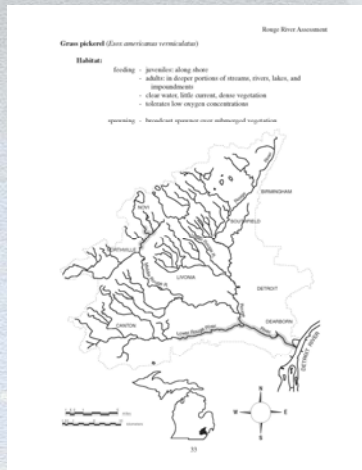
Channel catfish (*Ictalurus punctatus*)



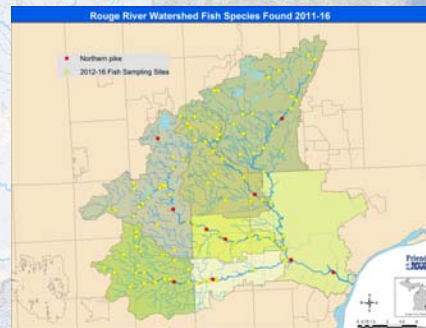
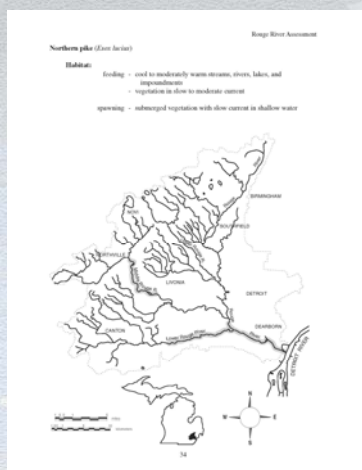
Stonecat (*Noturus flavus*)



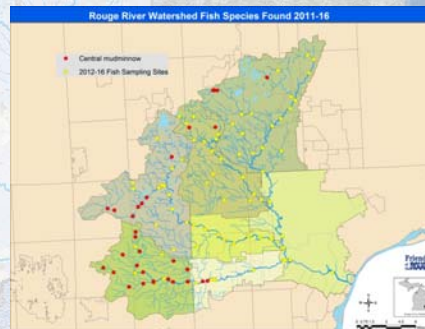
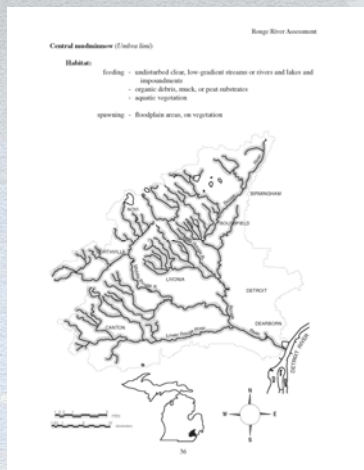
Grass pickerel (*Esox americanus vermiculatus*)



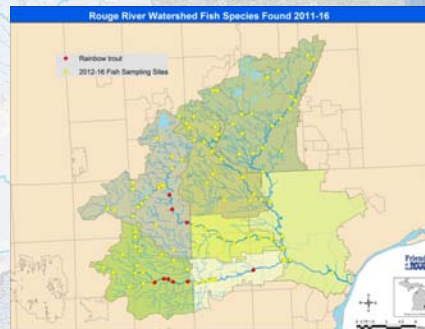
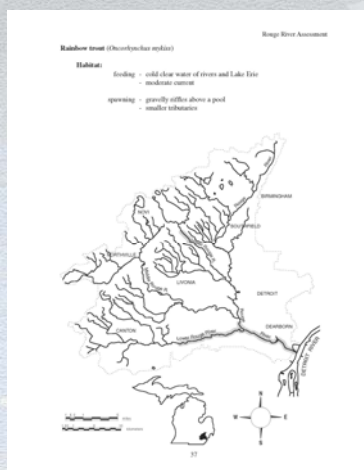
Northern pike (*Esox lucius*)



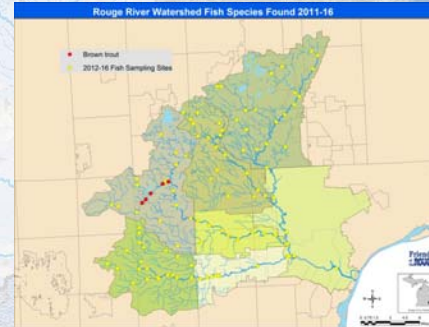
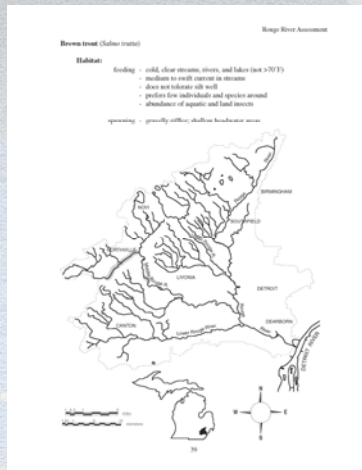
Central mudminnow (*Umbra limi*)



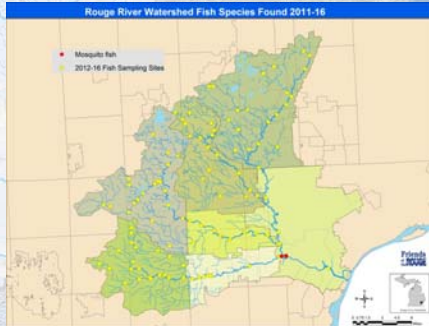
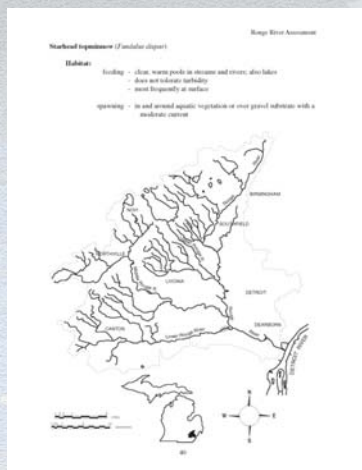
Rainbow trout (*Oncorhynchus mykiss*)



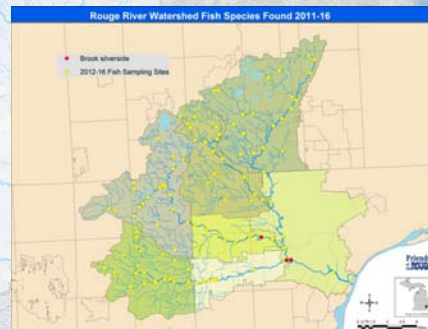
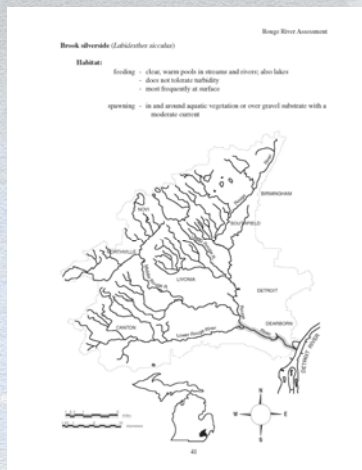
Brown trout (*Salmo trutta*)



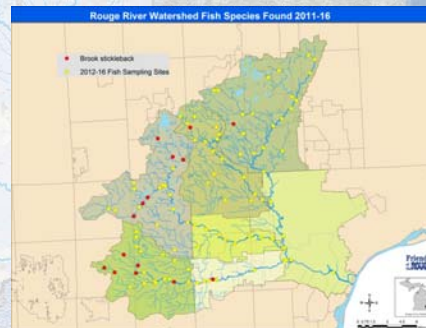
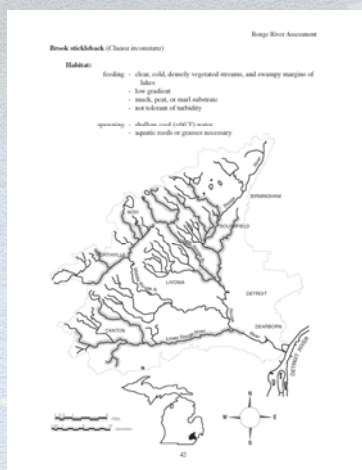
Mosquitofish (*Gambusia affghans*)



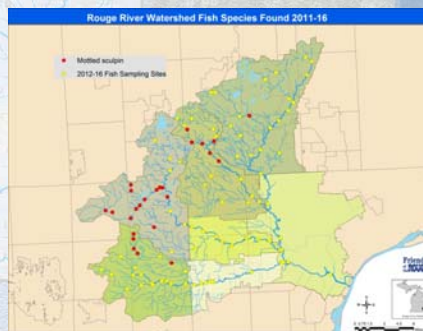
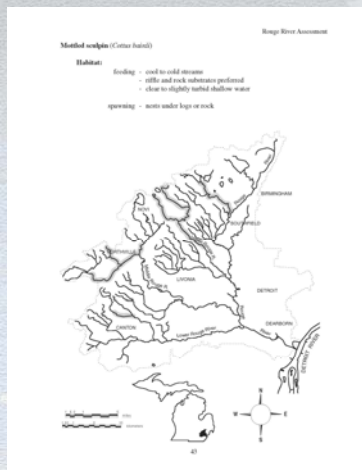
Brook silverside (*Labidesthes sicculus*)



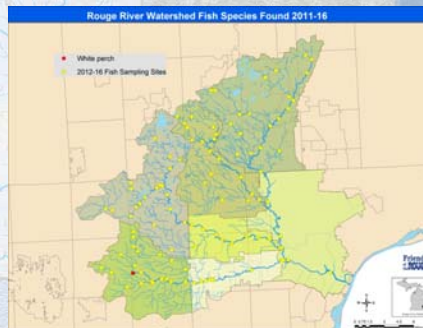
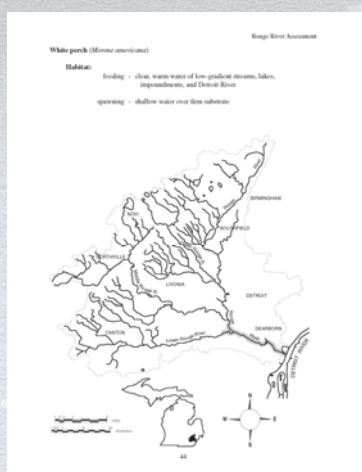
Brook stickleback (*Culaea inconstans*)



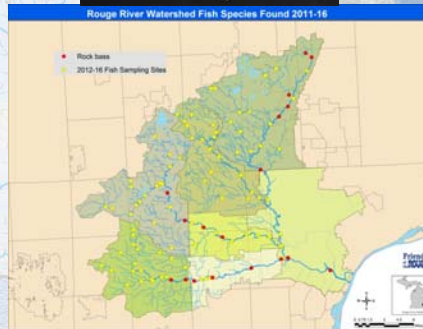
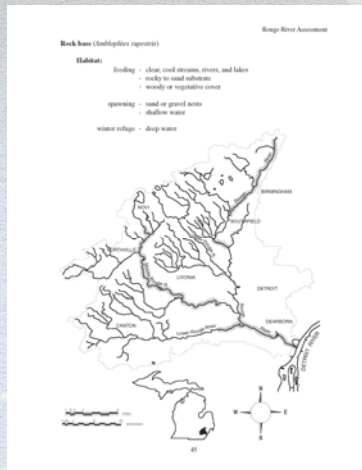
Mottled sculpin (*Cottus bairdi*)



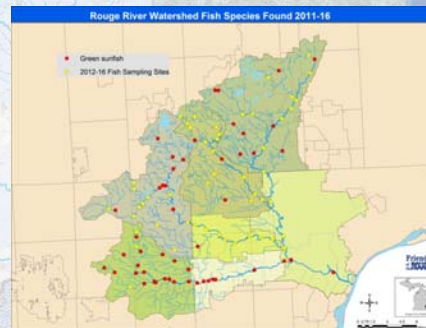
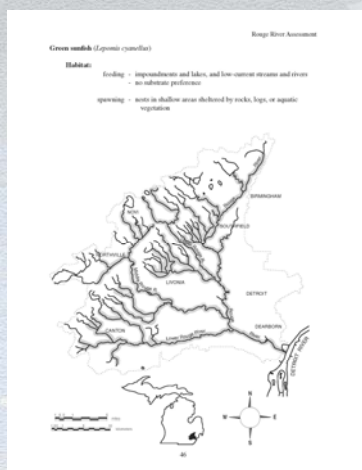
White perch (*Morone americana*)



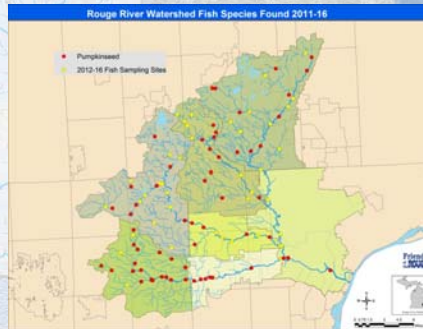
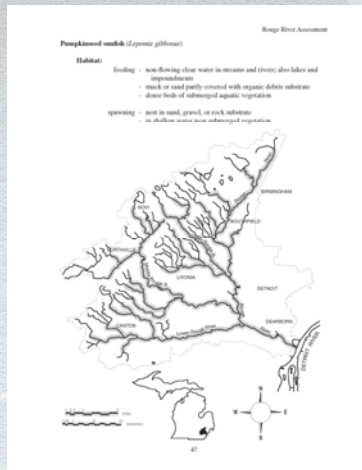
Rock bass (*Ambloplites rupestris*)



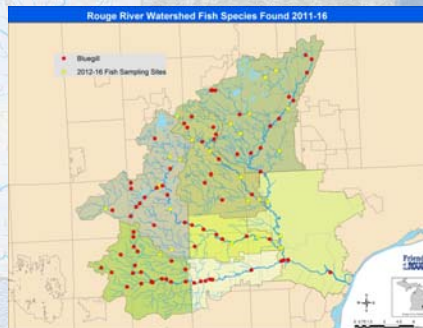
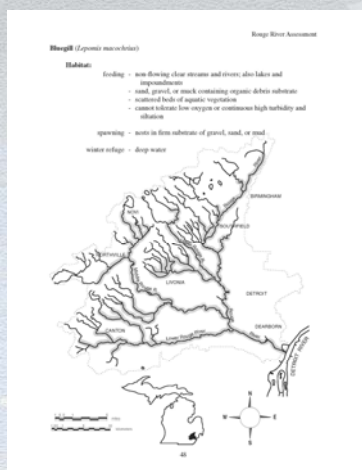
Green sunfish (*Lepomis cyanellus*)



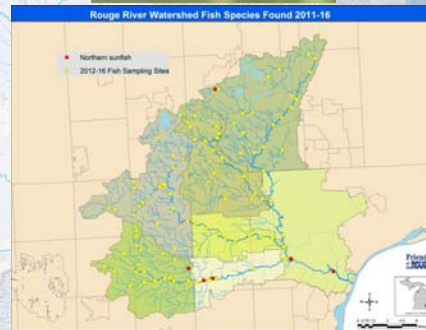
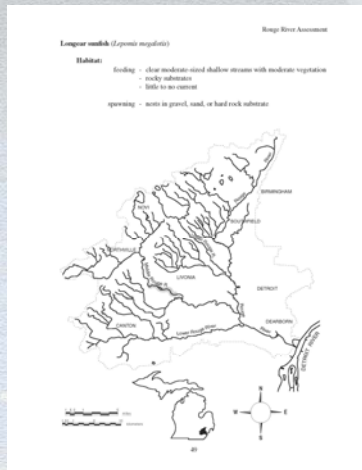
Pumpkinseed sunfish (*Lepomis gibbosus*)



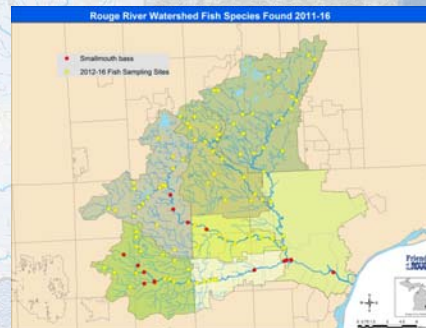
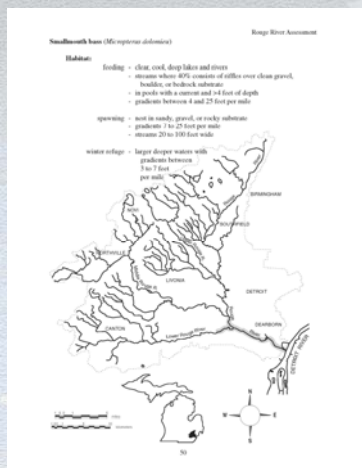
Bluegill (*Lepomis macrochirus*)



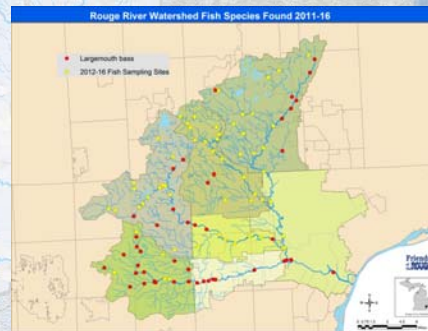
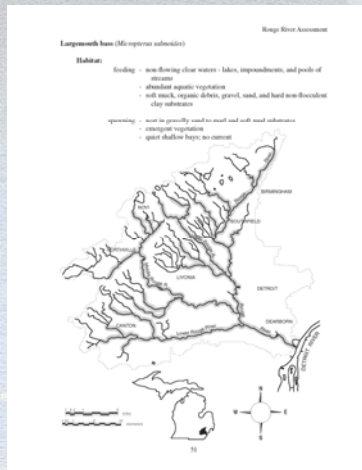
Northern sunfish (*Lepomis peltastes*)



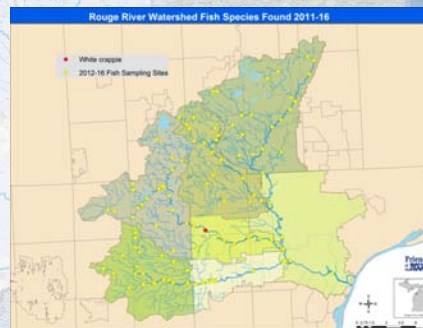
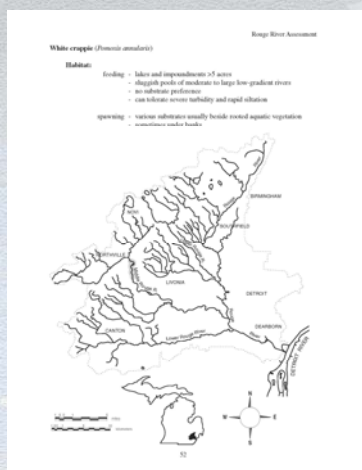
Smallmouth bass (*Micropterus dolomieu*)



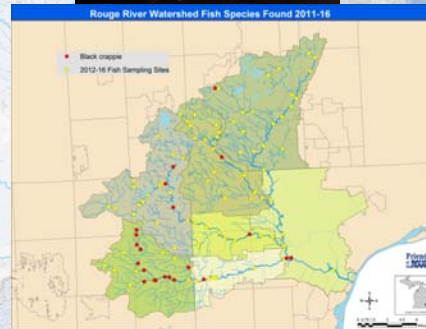
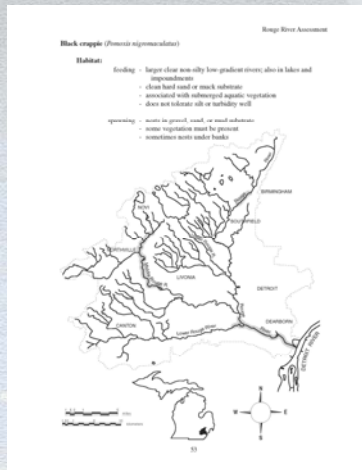
Largemouth bass (*Micropterus salmoides*)



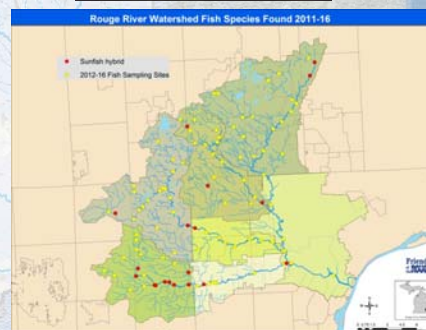
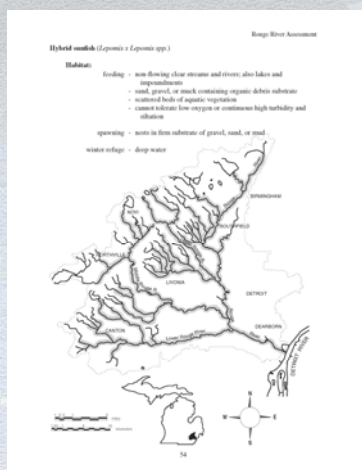
White crappie (*Pomoxis annularis*)



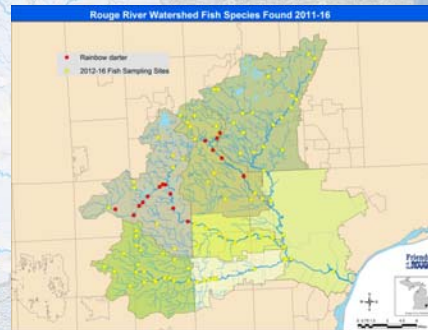
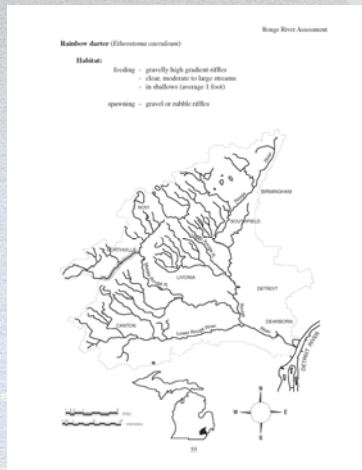
Black crappie (*Pomoxis nigromaculatus*)



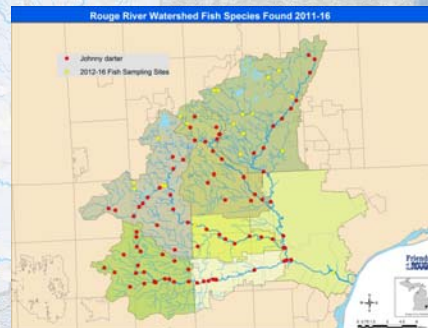
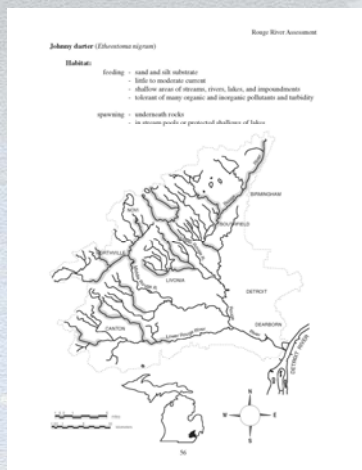
Hybrid sunfish (*Lepomis x Lepomis spp*)



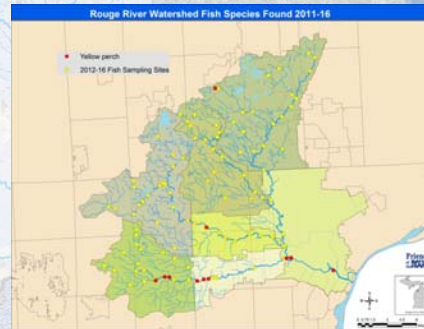
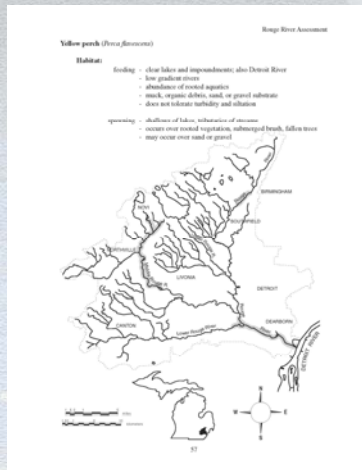
Rainbow darter (*Etheostoma caeruleum*)



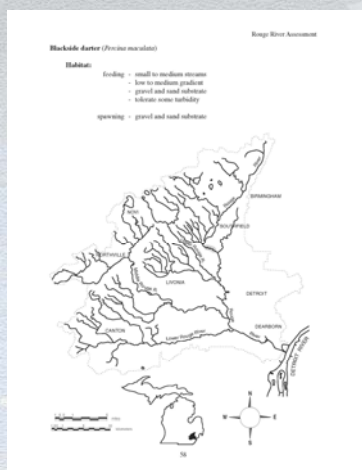
Johnny darter (*Etheostoma nigrum*)



Yellow perch (*Perca flavescens*)



Blackside darter (*Percina maculata*)



New species found

Native

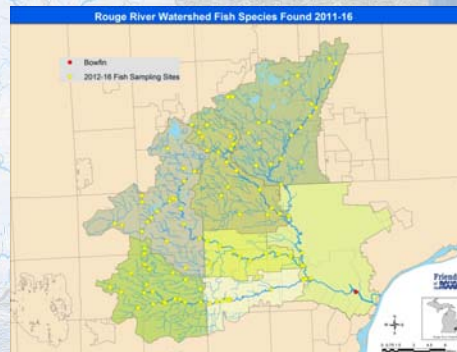
- Iowa darter
- Least darter
- Log perch
- Bowfin
- Striped shiner
- Mimic shiner
- Blacknose shiner

Non-native

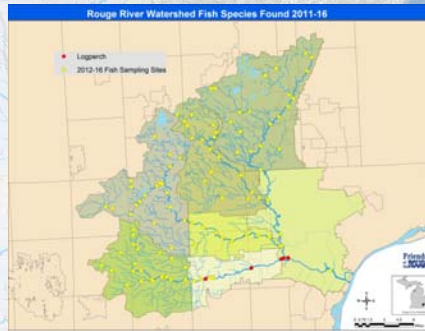
- Mummichog
- Round goby

Bowfin (*Amia calva*)

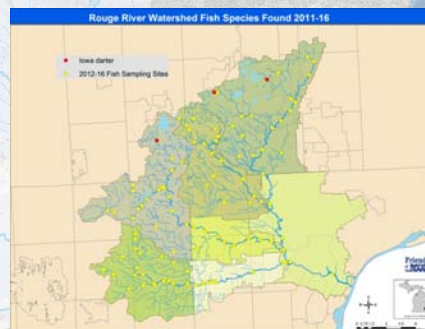
- Not Found in 1998
MDNR Rouge River
Assessment



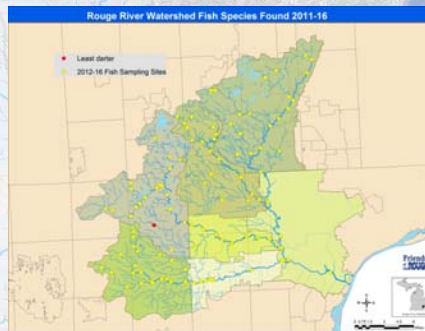
Northern logperch (*Percina caprodes semifasciata*)



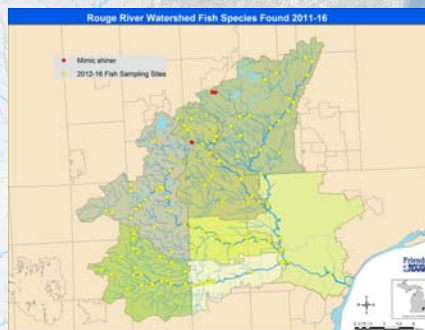
Iowa darter (*Etheostoma exile*)



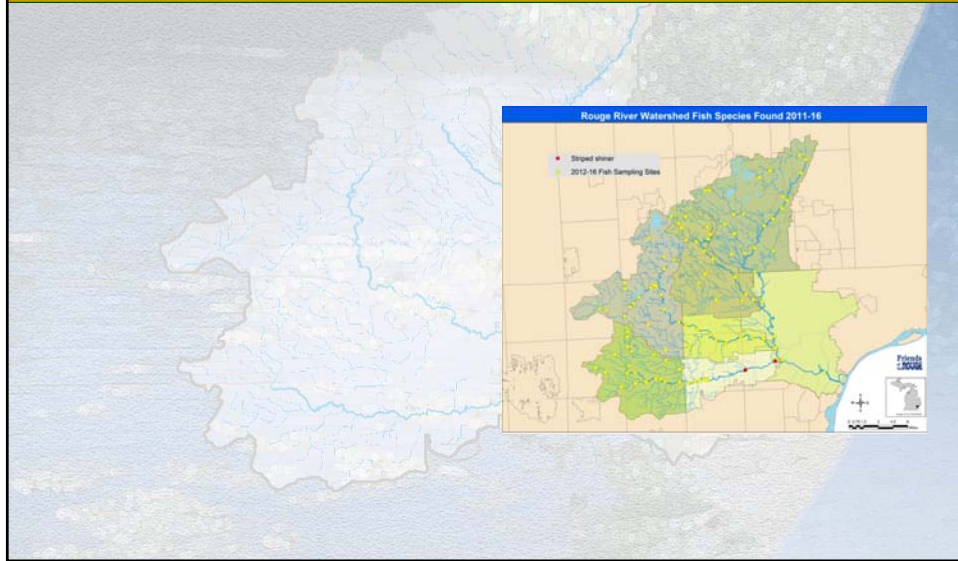
Least darter (*Etheostoma microperca*)



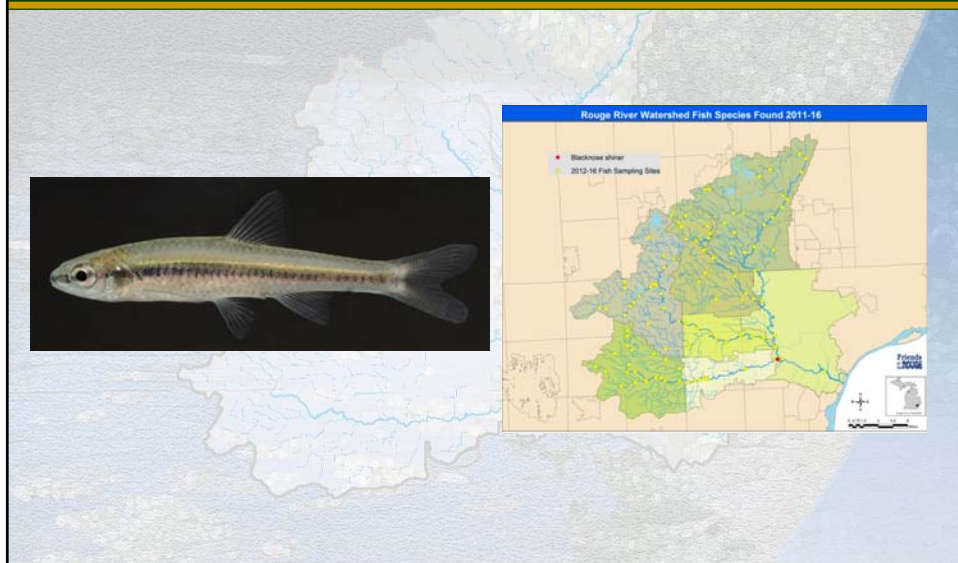
Mimic shiner (*Notropis volucellus*)



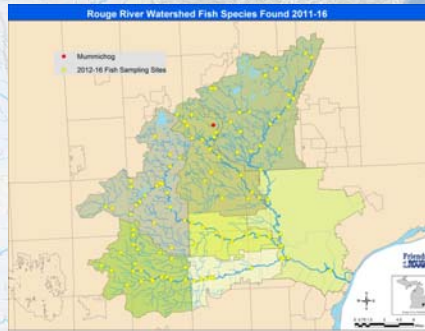
Striped shiner (*Luxilus chrysocephalus*)



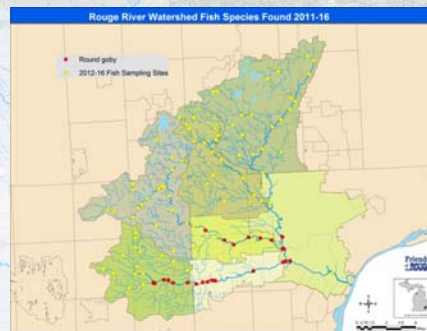
Blacknose shiner (*Notropis heterolepsis*)



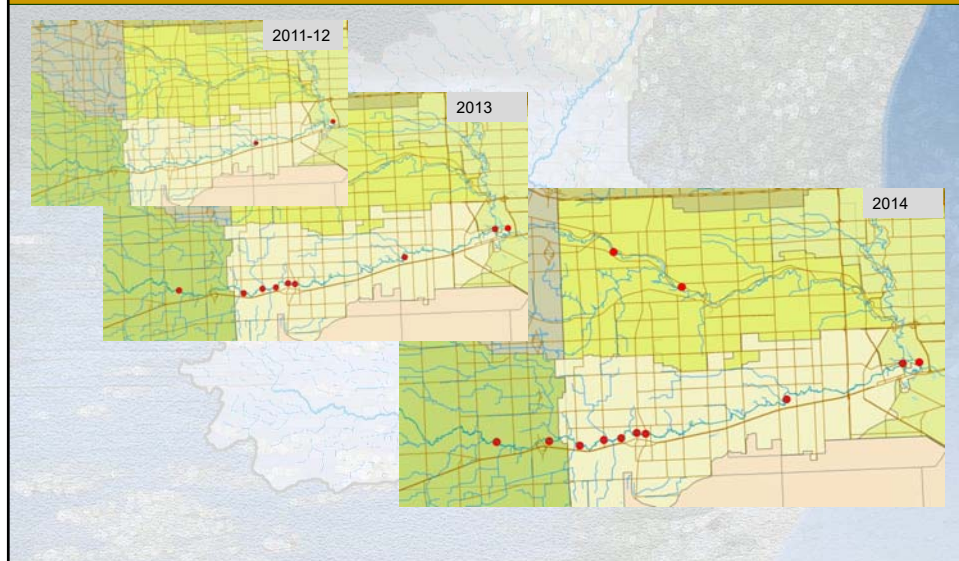
Mummichog (*Fundulus heteroclitus*)



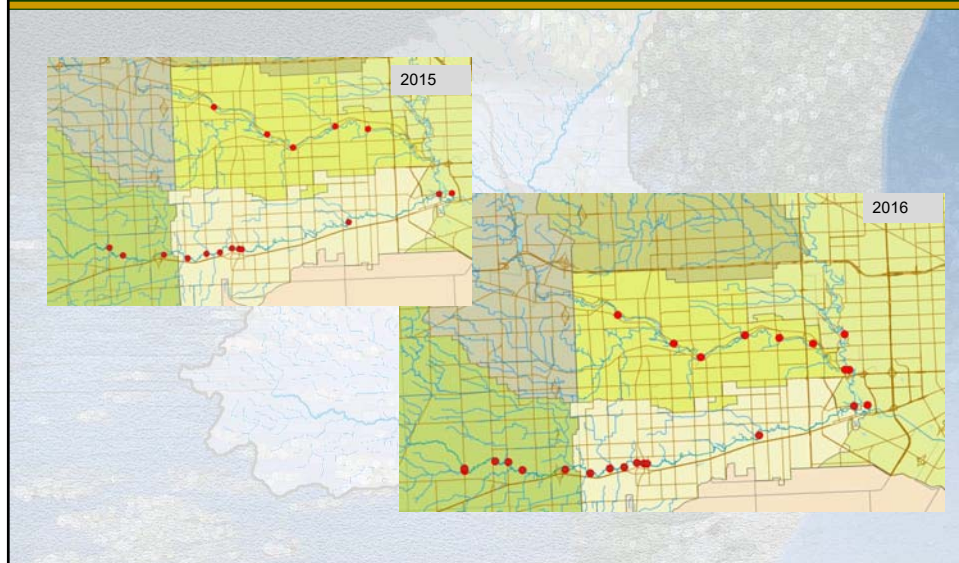
Round goby (*Neogobius melanostomus*)



Round goby (*Neogobius melanostomus*)

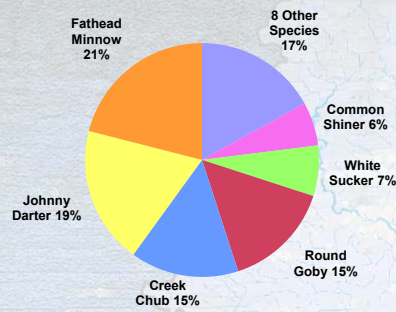


Round goby (*Neogobius melanostomus*)

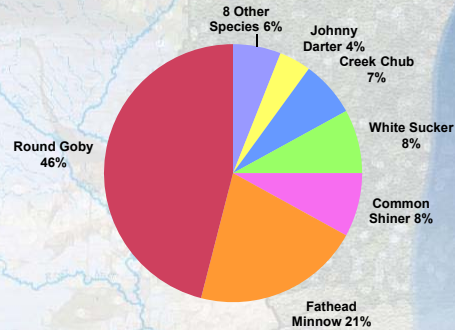


Lower Branch Fish Data

2013 Elizabeth St. & RR Tracks



2015 Elizabeth St & RR Tracks



Fish Found in Lower Rouge at Ford Field Park

1986: 6 Species



1995: 8 Species



2013-2014: 20 Species

