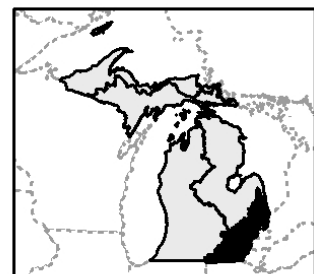


Aquatic Characteristic: Clay Substrates

No Data



0 10 20 40 Kilometers

0 5 10 20 Miles



Aquatic Characteristic: Clay Substrates

Description

Clay substrates are predominately composed of natural earthy material which is plastic when wet, and consist essentially of hydrated silicates of aluminum, less than 4µm.

General Condition of Feature

No data available.

Associated Species of Greatest Conservation Need

CRAYFISH

devil crawfish (*Cambarus diogenes*)

FISH

lake sturgeon (*Acipenser fulvescens*)

grass pickerel (*Esox americanus*)

Associated Threats

HABITAT CONVERSION

- Dredging and channelization

CONSUMPTIVE BIOLOGICAL USES

- Mining practices: clay removal by potters

EDUCATION

- Social attitudes

Conservation Actions Needed (Threats addressed)

LAW & POLICY

- Control the amount of dredging and channelization (dredging and channelization)

EDUCATION & AWARENESS

- Educate the public on the value of clay substrates and the wise use of natural resources (social attitudes)

Research and Survey Needs

- Determine life history requirements for SGCN associated with clay substrates
- Determine severity of threats to clay substrates
- Determine the distribution of clay substrates and its condition in the basin

Monitoring

- Clay mining
- Hydrologic flow