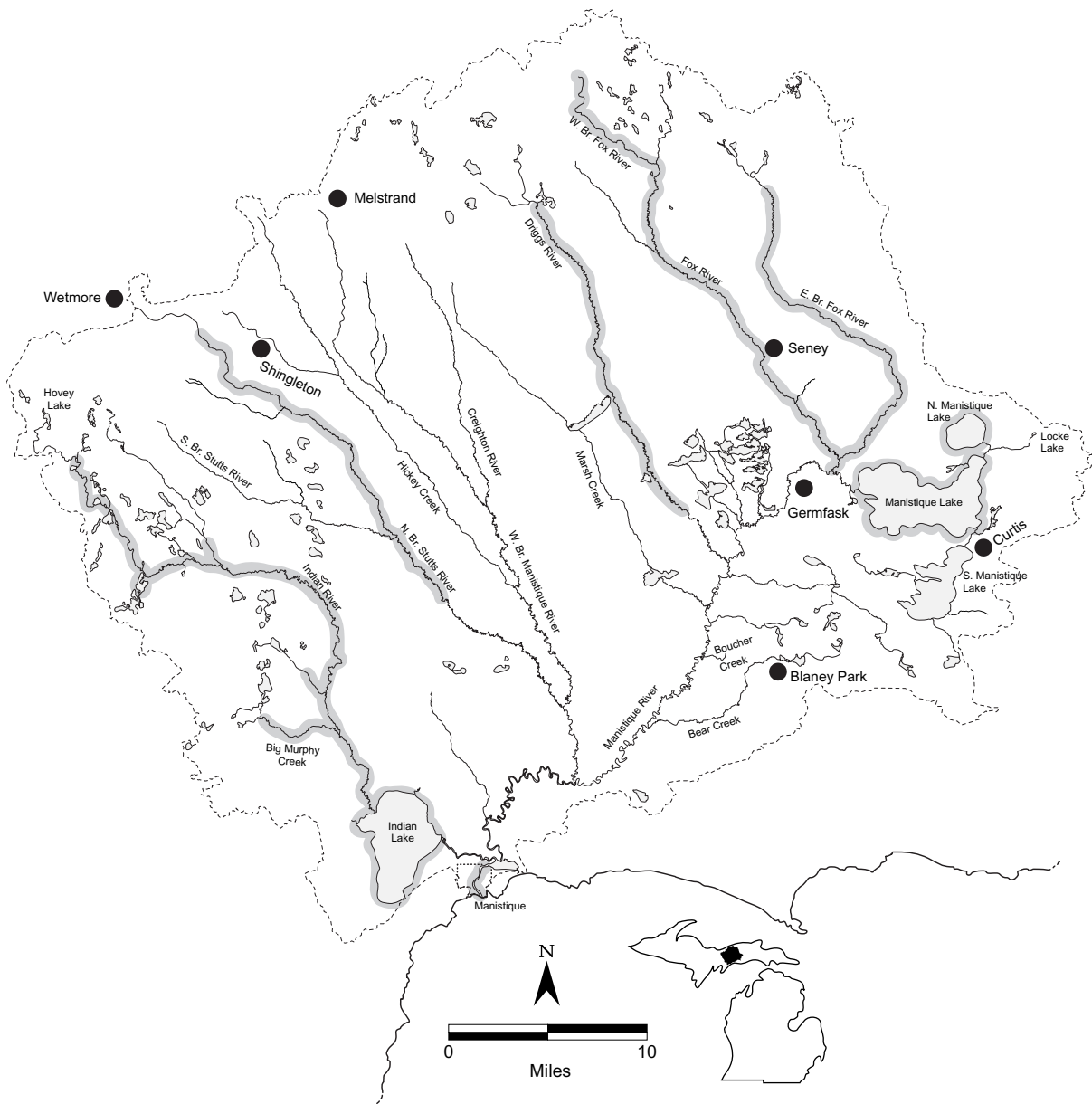


Brown trout (*Salmo trutta*)

Habitat:

- feeding - cold, clear streams, rivers, and lakes (not >70°F)
- medium to swift current in streams
- does not tolerate silt well
- prefers few individuals and species around
- abundance of aquatic and land insects

- spawning - gravelly riffles; shallow headwater areas

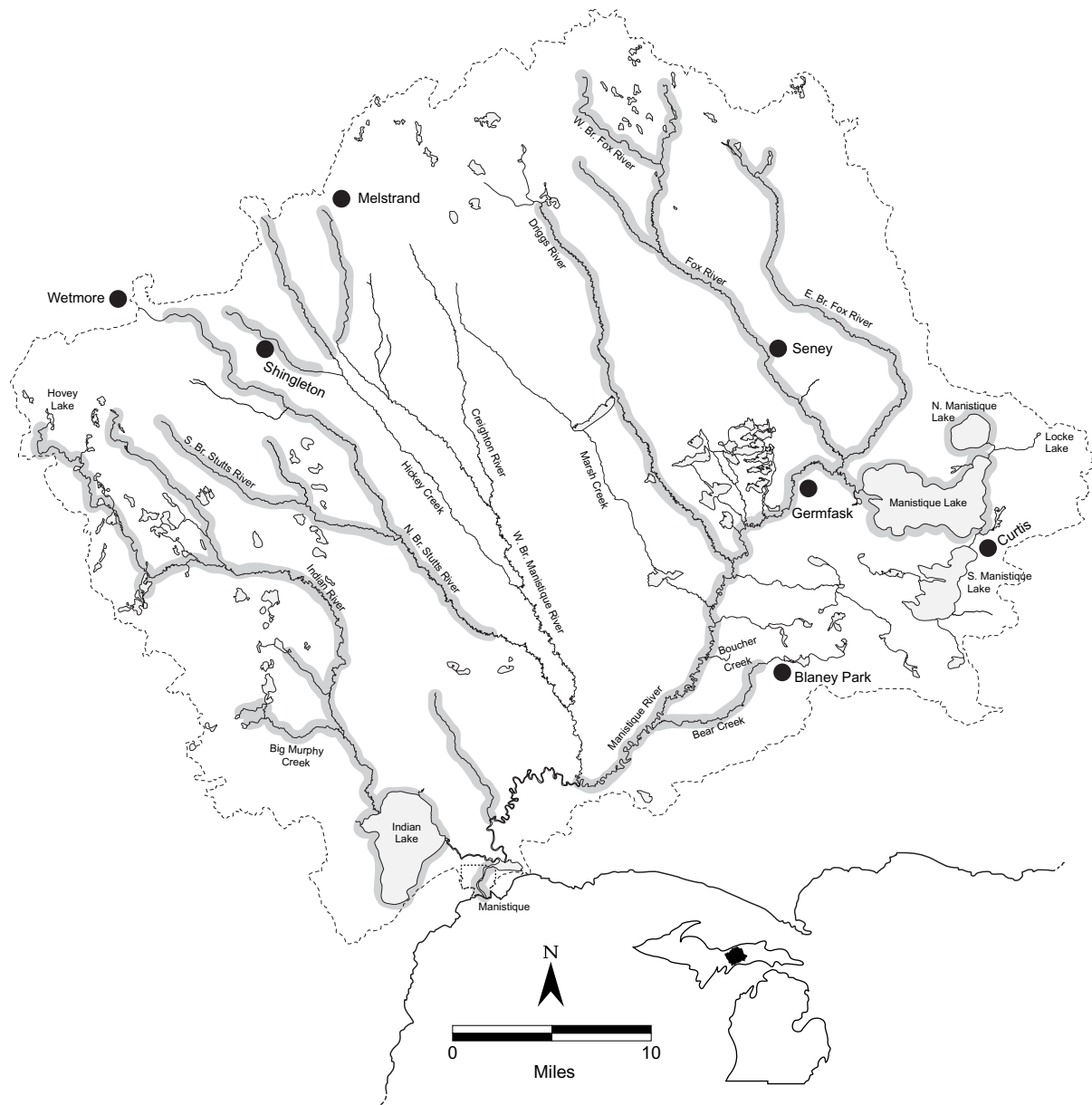


Brook trout (*Salvelinus fontinalis*)

Habitat:

- feeding - cold, clear streams, rivers, and lakes (not >65°F)
- low current
- well oxygenated water

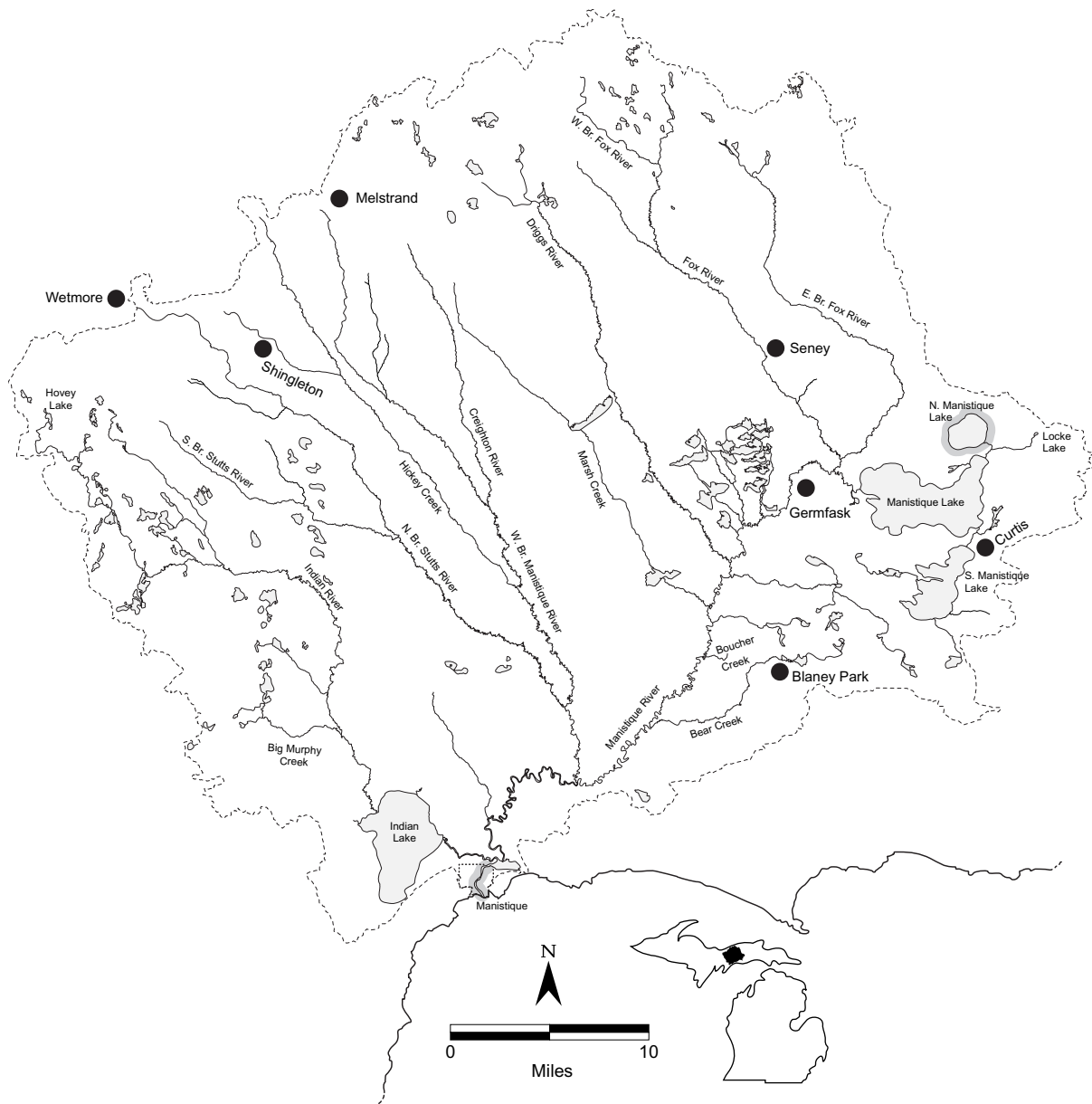
- spawning - gravelly riffles; shallow or headwater streams



Lake trout (*Salvelinus namaycush*)

Habitat:

- feeding - cold lakes and rivers
- spawning - large boulder or rubble substrate
- shallow water of lakes and rivers

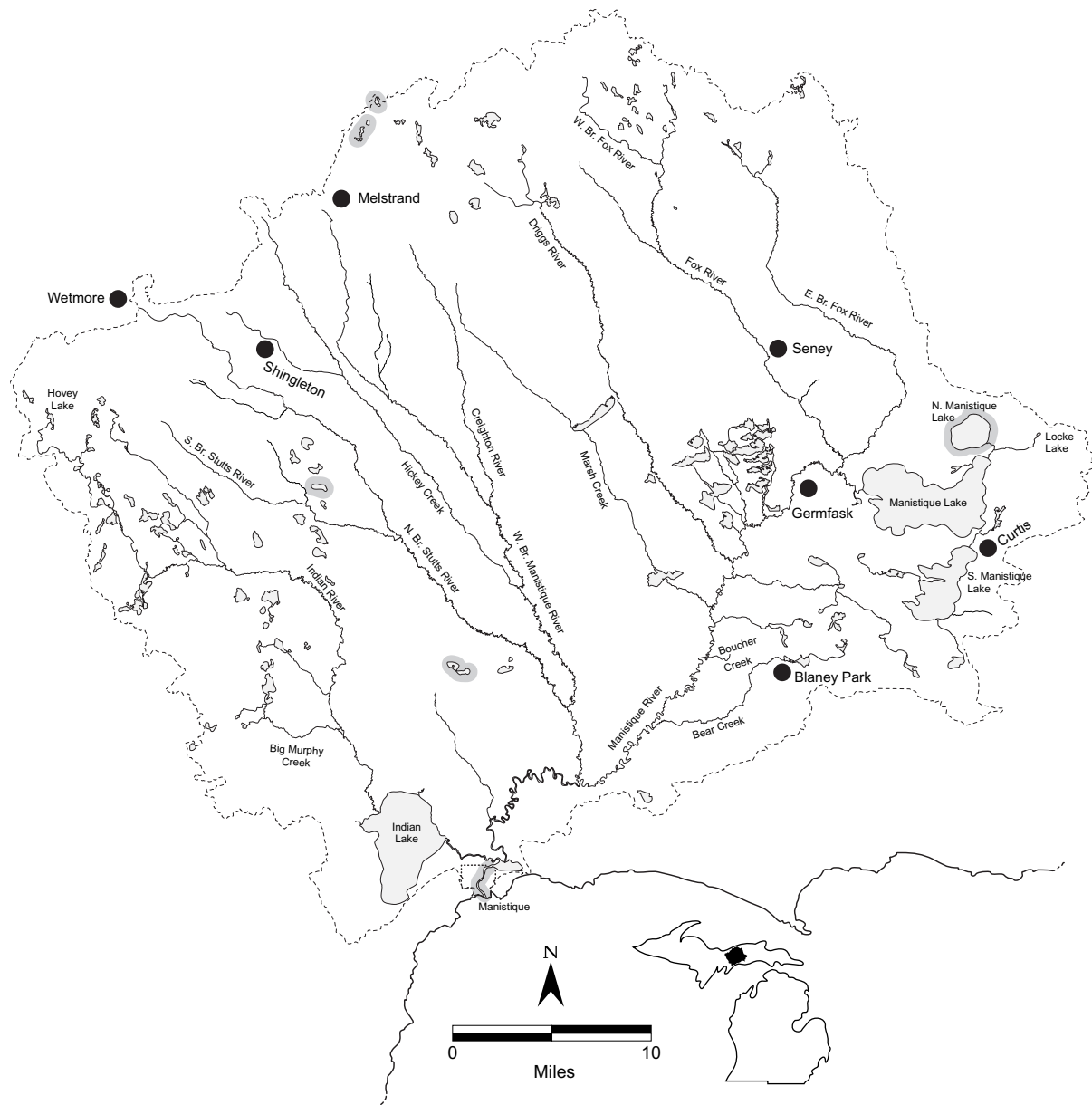


Splake (*Salvelinus fontinalis* x *Salvelinus namaycush*)

Habitat:

- feeding - littoral habitat
- cool water lakes; also Lake Michigan

- spawning - hatchery produced cross of brook and lake trout
- offspring usually fertile, but with lower fecundity than either parent species

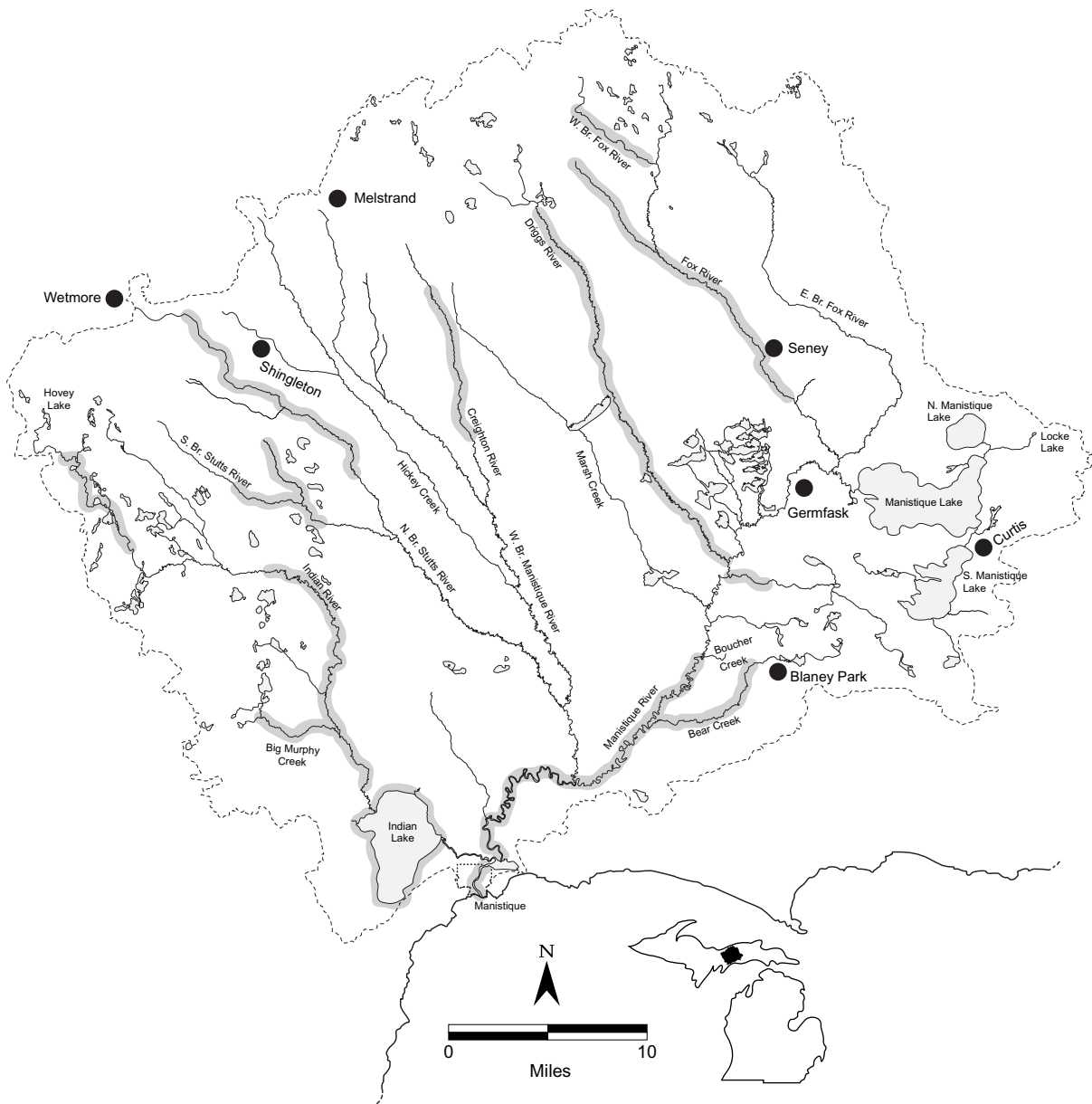


Burbot (*Lota lota*)

Habitat:

- feeding - deep cold lakes and large cool rivers
- mud,sand,rubble,boulder,silt,and gravel substrates

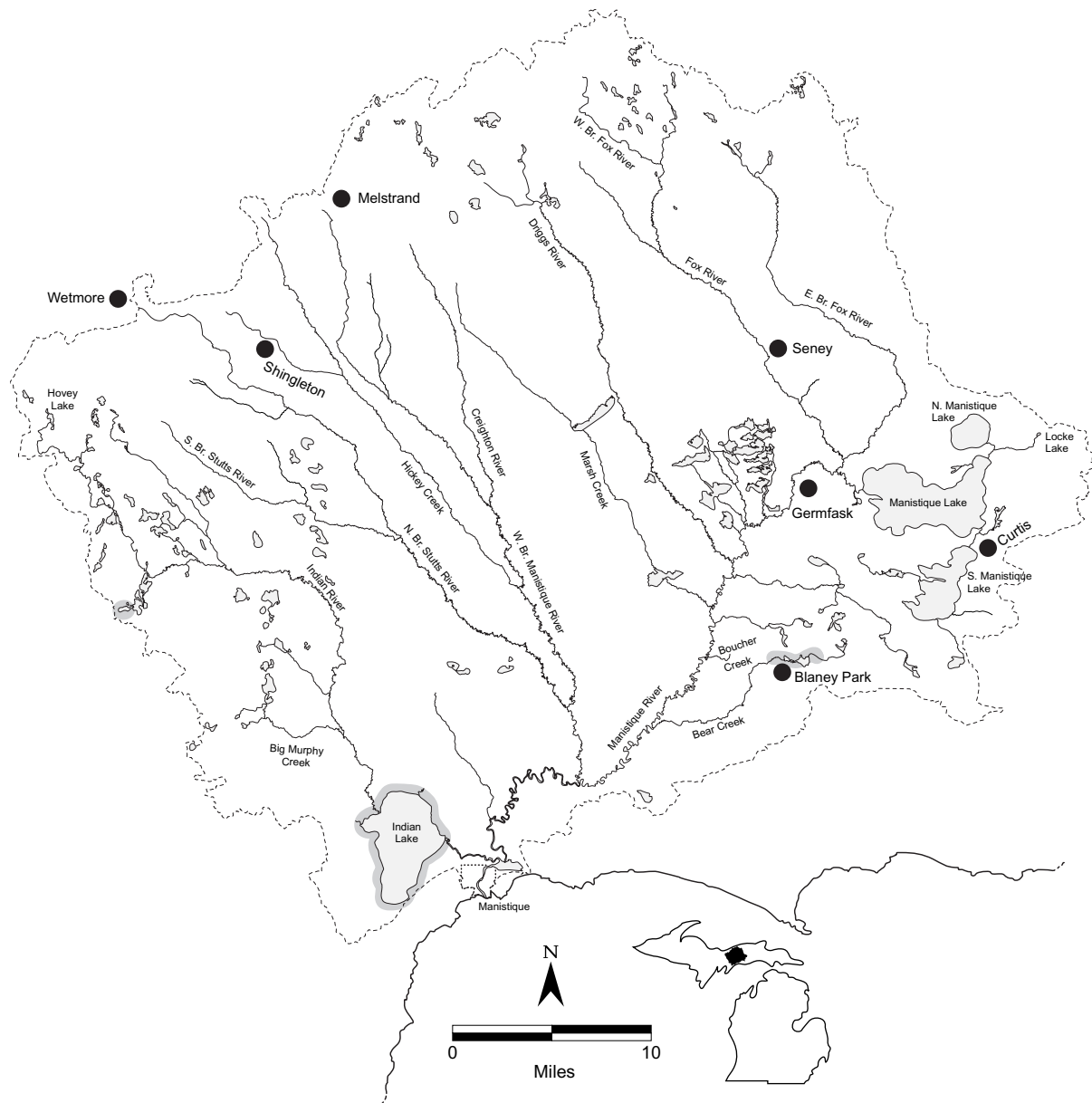
- spawning - in 1 to 4 feet of water in shallow bays or on shoals 5-10 feet deep usually in lakes,sometimes rivers
- over sand or gravel substrate
- under ice



Western banded killifish (*Fundulus diaphanus menona*)

Habitat:

- feeding - quiet backwaters at the mouths of streams and lakes
 - substrate of sand, gravel, and a few boulders
 - also found over detritus substrate where patches of submerged aquatic vegetation are present
- spawning - quiet areas of weedy pools

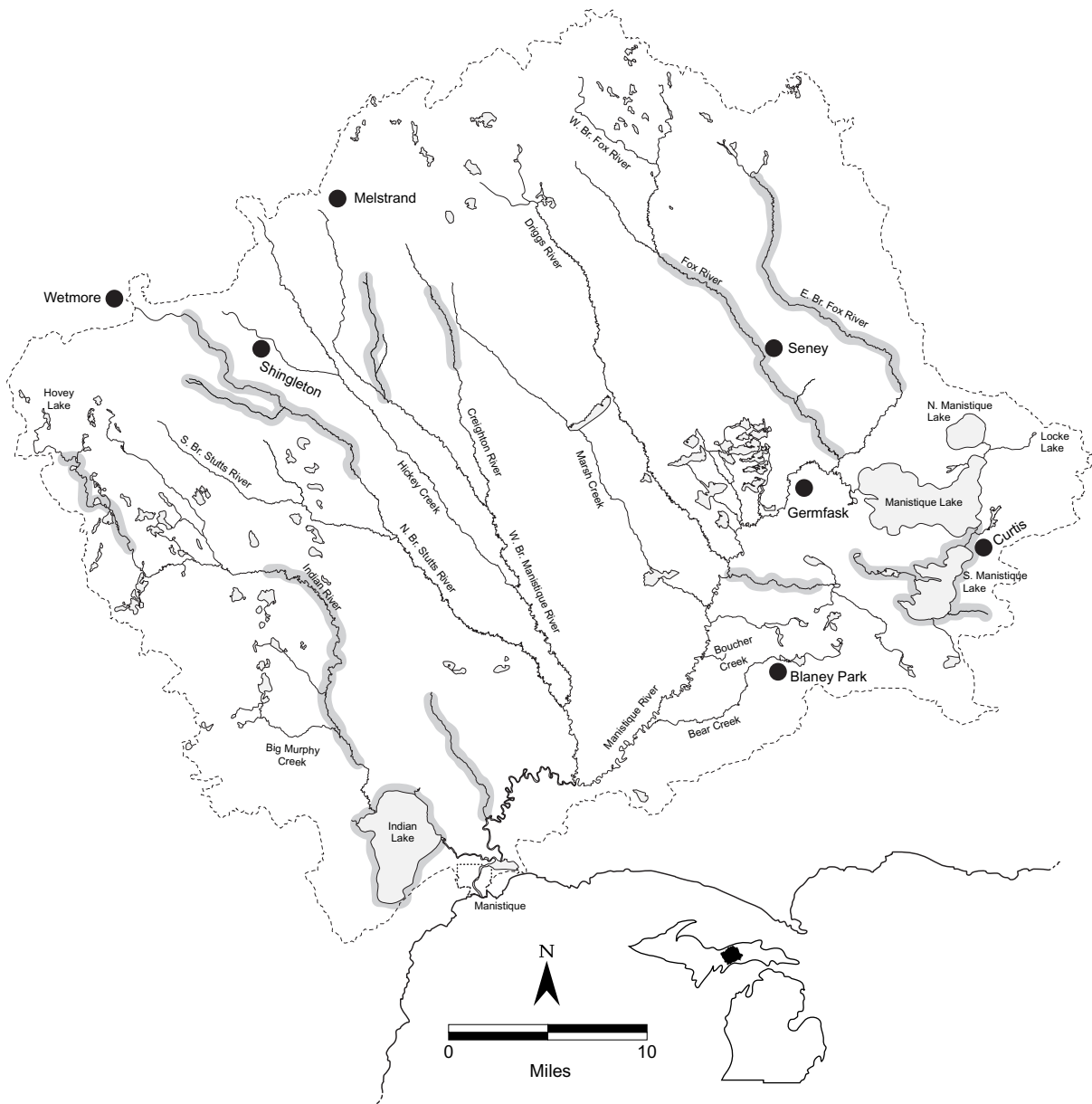


Brook stickleback (*Clupea inconstans*)

Habitat:

- feeding - clear, cold, densely vegetated streams, and swampy margins of lakes
- low gradient
- muck, peat, or marl substrate
- not tolerant of turbidity

- spawning - shallow cool (<66°F) water
- aquatic reeds or grasses necessary

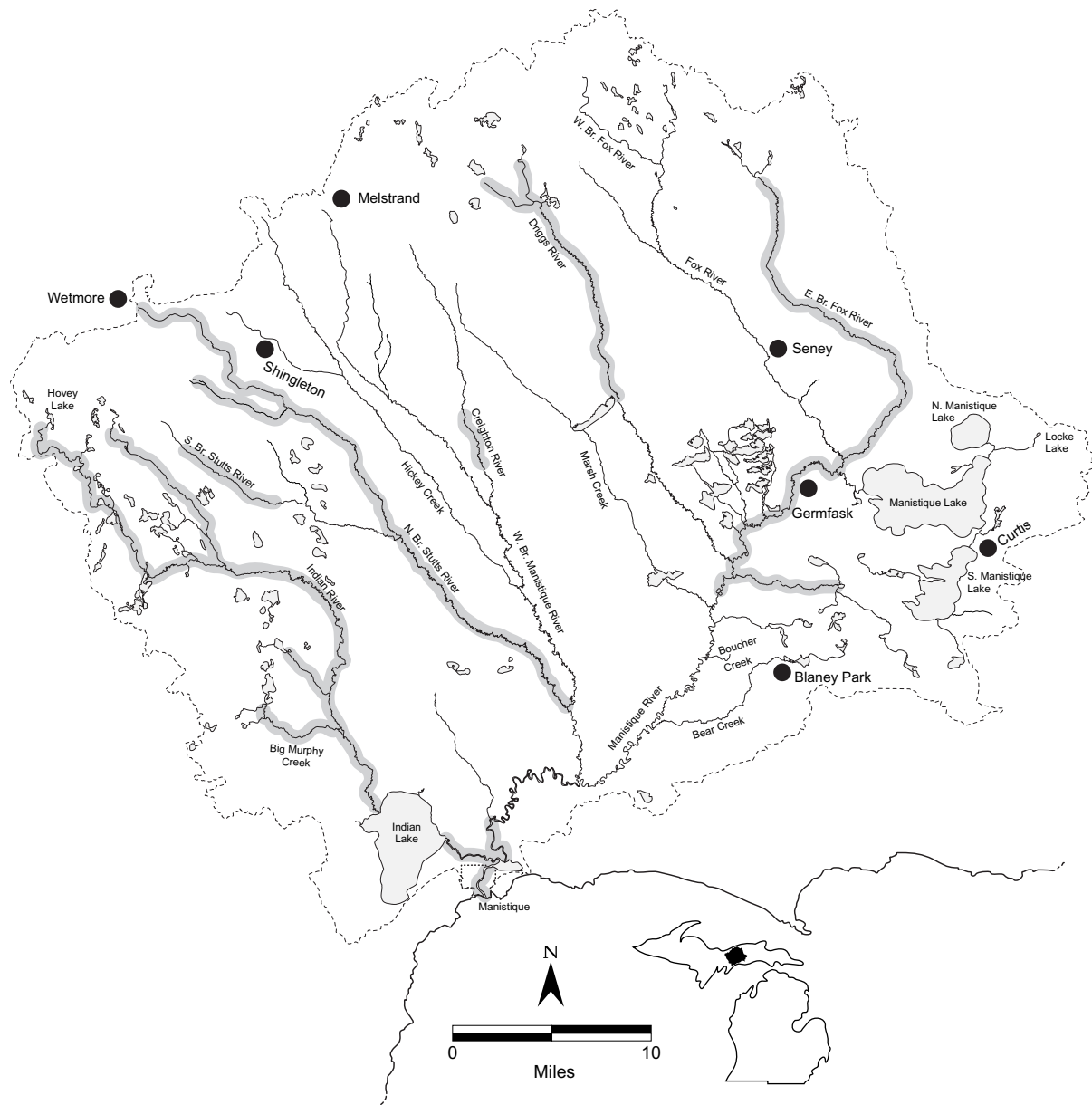


Mottled sculpin (*Cottus bairdii*)

Habitat:

- feeding - cool to cold streams
- riffle and rock substrates preferred
- clear to slightly turbid shallow water

- spawning - nests under logs or rock



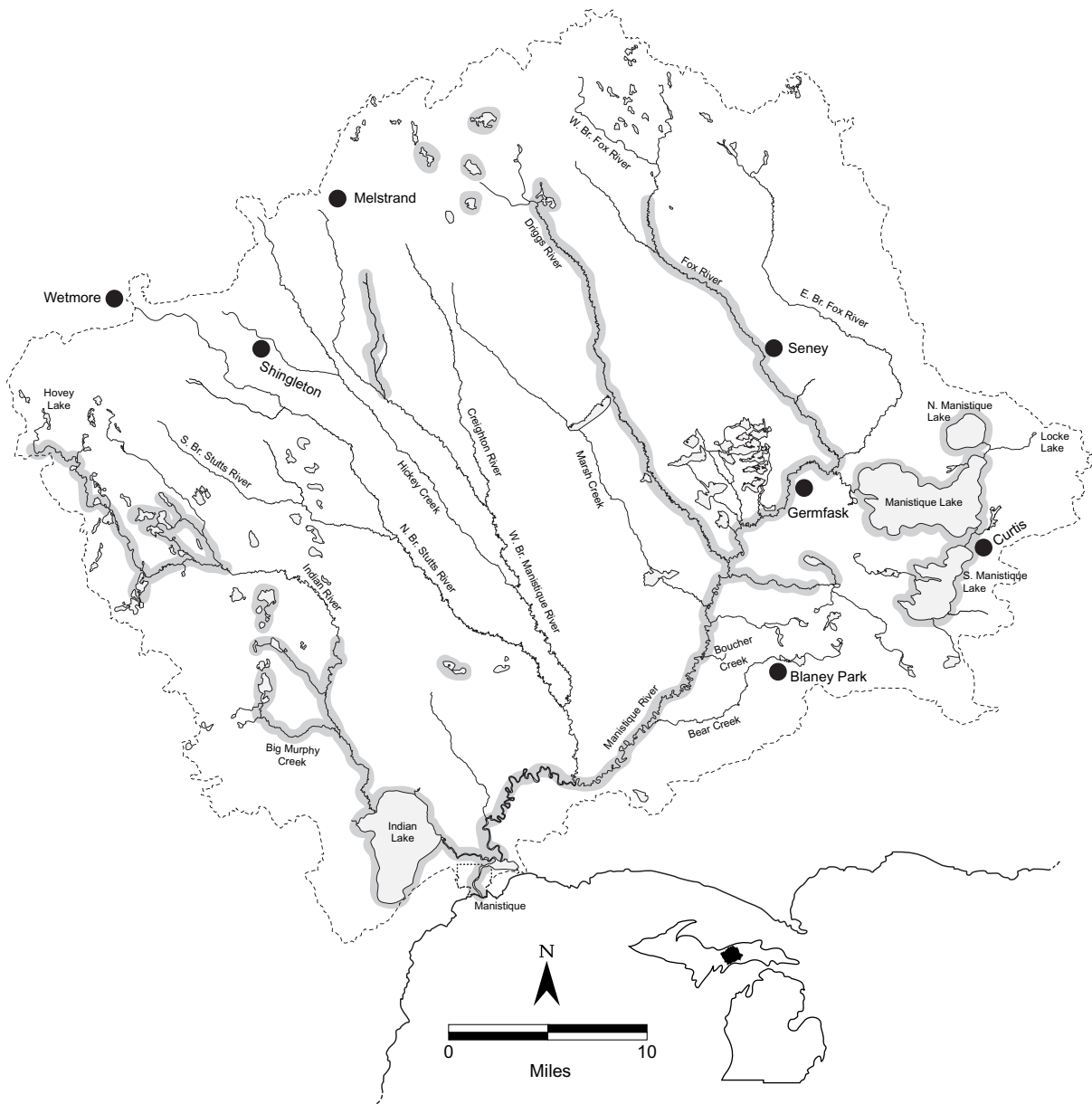
Rock bass (*Ambloplites rupestris*)

Habitat:

- feeding - clear, cool streams, rivers, and lakes
- rocky to sand substrate
- woody or vegetative cover

- spawning - sand or gravel nests
- shallow water

- winter refuge - deep water

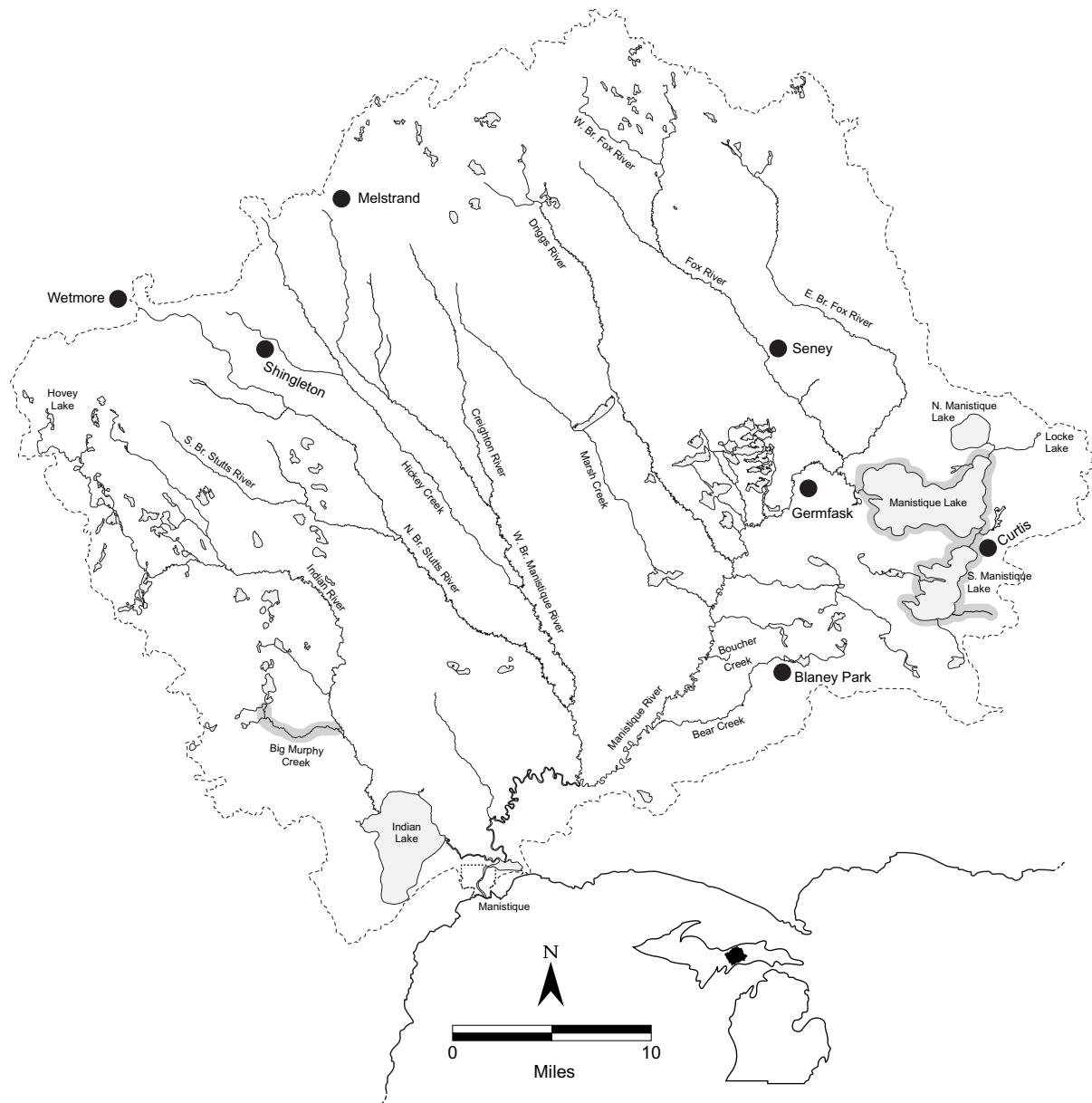


Green sunfish (*Lepomis cyanellus*)

Habitat:

- feeding - impoundments and lakes, and low-current streams and rivers
- no substrate preference

- spawning - nests in shallow areas sheltered by rocks, logs, or aquatic vegetation

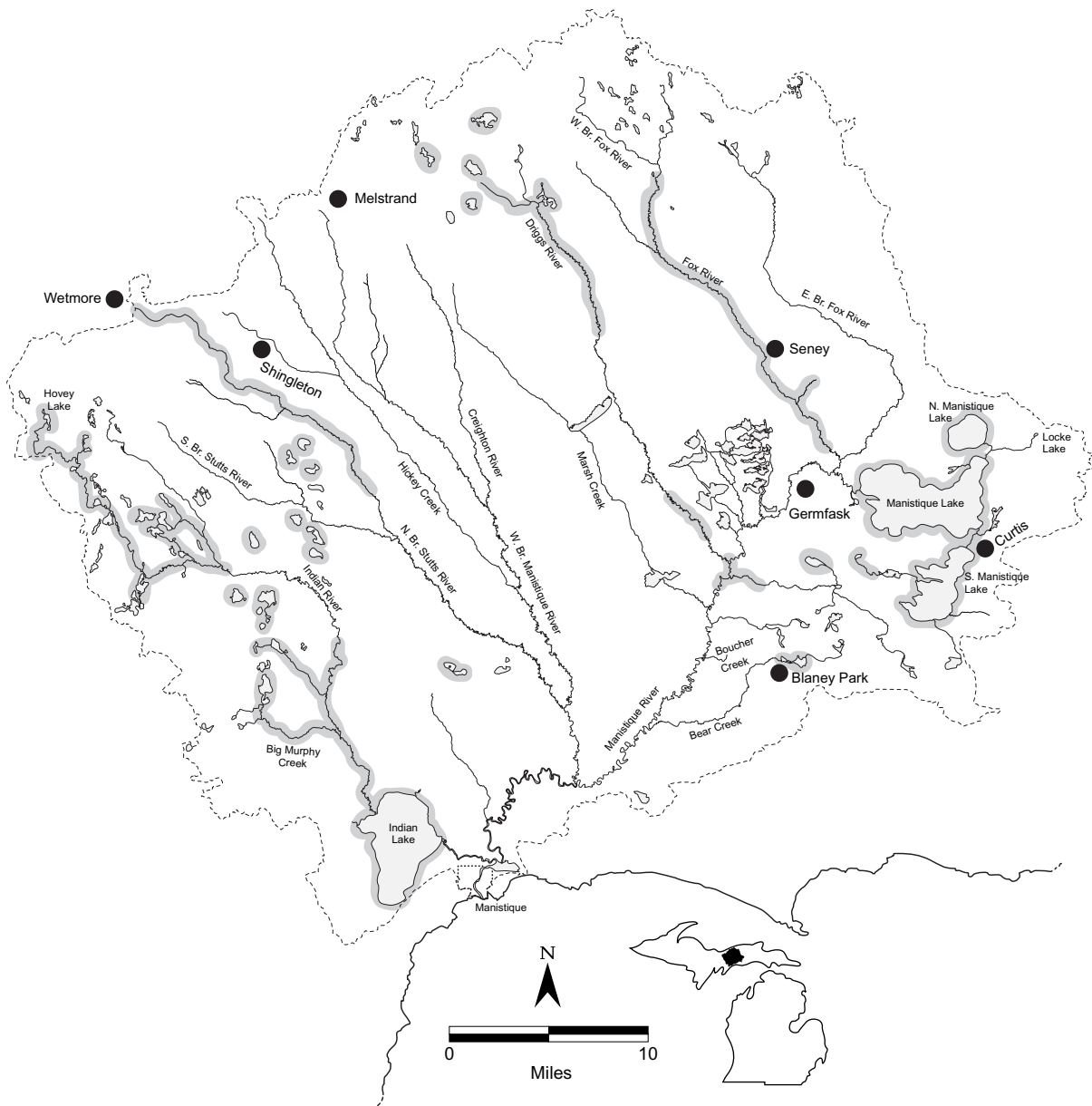


Pumpkinseed sunfish (*Lepomis gibbosus*)

Habitat:

- feeding - non-flowing clear water in streams and rivers; also lakes and impoundments
- muck or sand partly covered with organic debris substrate
- dense beds of submerged aquatic vegetation

- spawning - nest in sand, gravel, or rock substrate
- in shallow water near submerged vegetation



Bluegill (*Lepomis macrochirus*)

Habitat:

- feeding - non-flowing clear streams and rivers; also lakes and impoundments
 - sand, gravel, or muck containing organic debris substrate
 - scattered beds of aquatic vegetation
 - cannot tolerate low oxygen or continuous high turbidity and siltation
- spawning - nests in firm substrate of gravel, sand, or mud
- winter refuge - deep water

