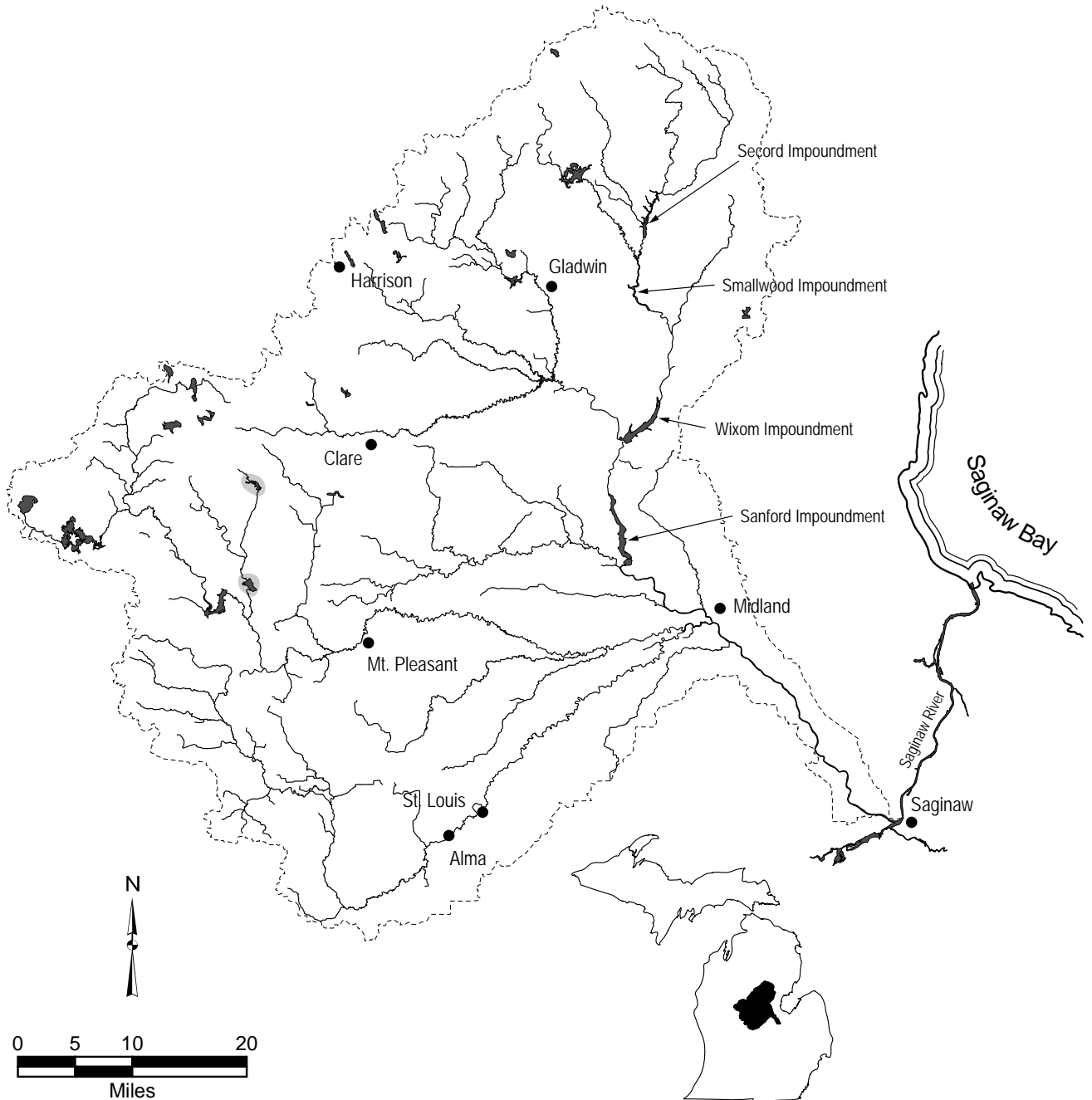


Cisco *Coregonus artedi* - threatened

Habitat:

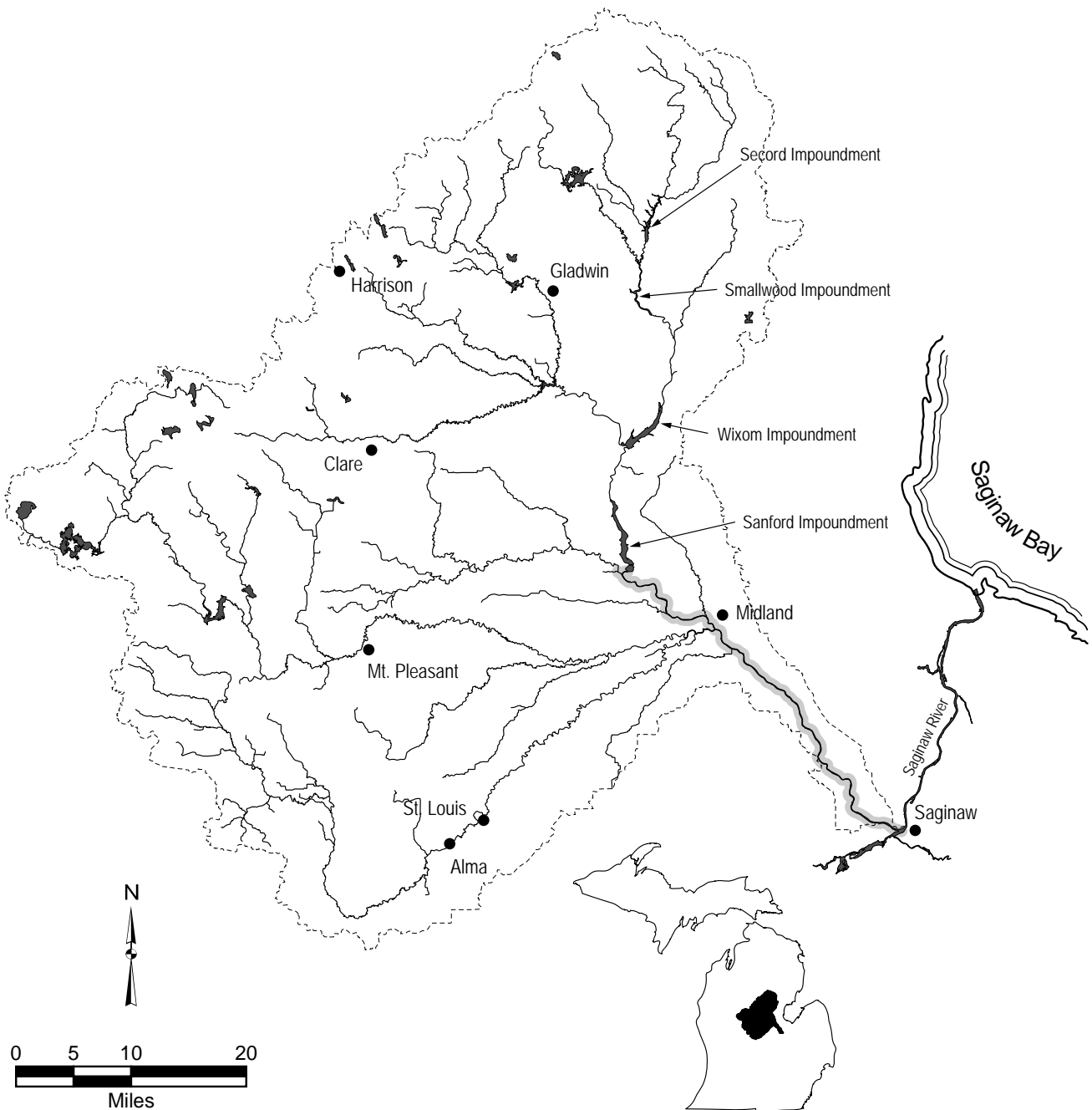
- feeding - deep cool lakes, preferably oligotrophic
- spawning - usually in lakes
 - 3 to 6 feet of water with no vegetation
 - often over gravel or stony substrate



Coho salmon *Oncorhynchus kisutch*

Habitat:

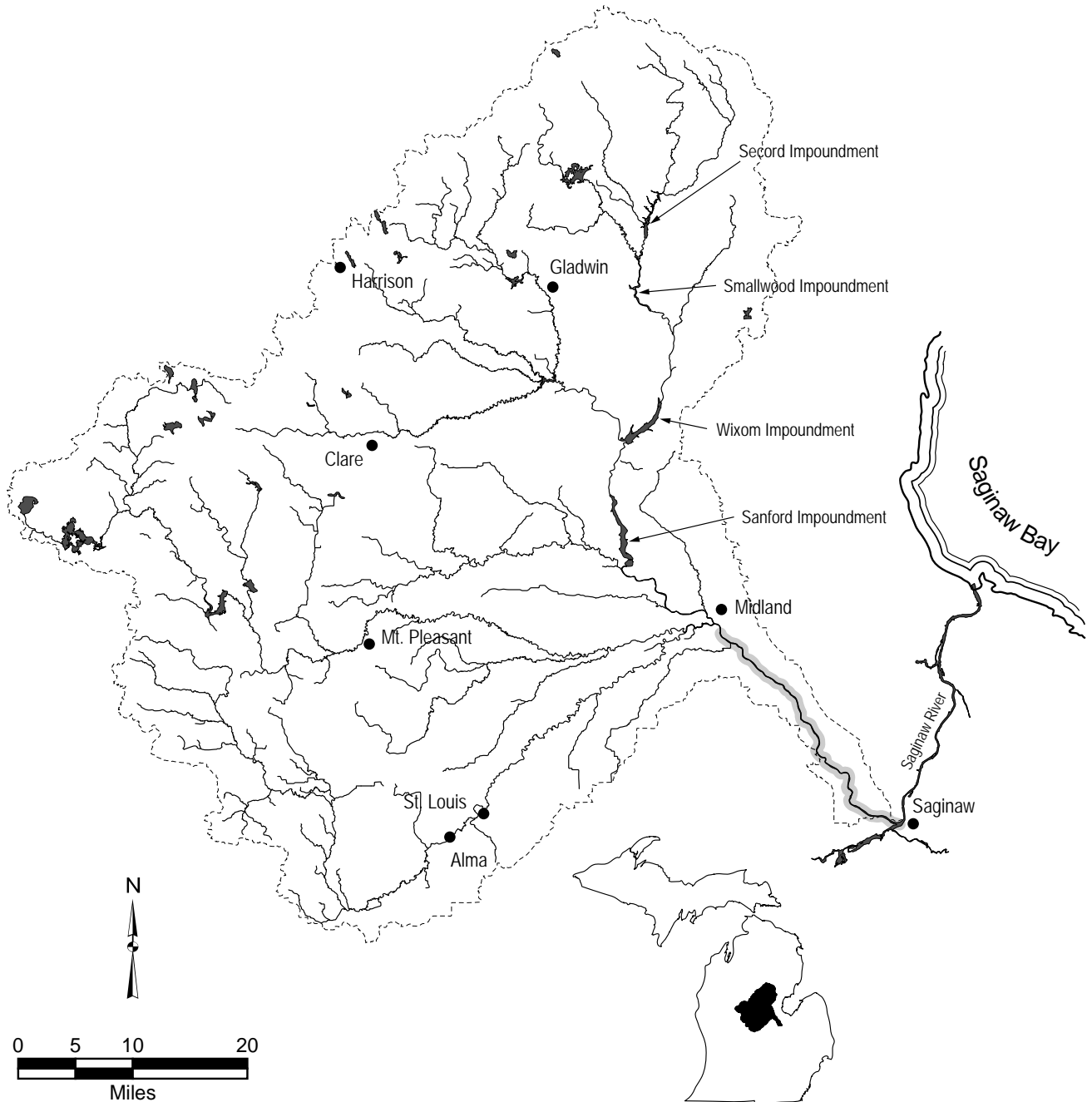
- feeding - adults: Lake Huron
- young: shallow gravel substrate in cold streams, later into pools
- spawning - cold streams and rivers
- swifter water of shallow gravelly substrate



Lake whitefish *Coregonus clupeaformis*

Habitat:

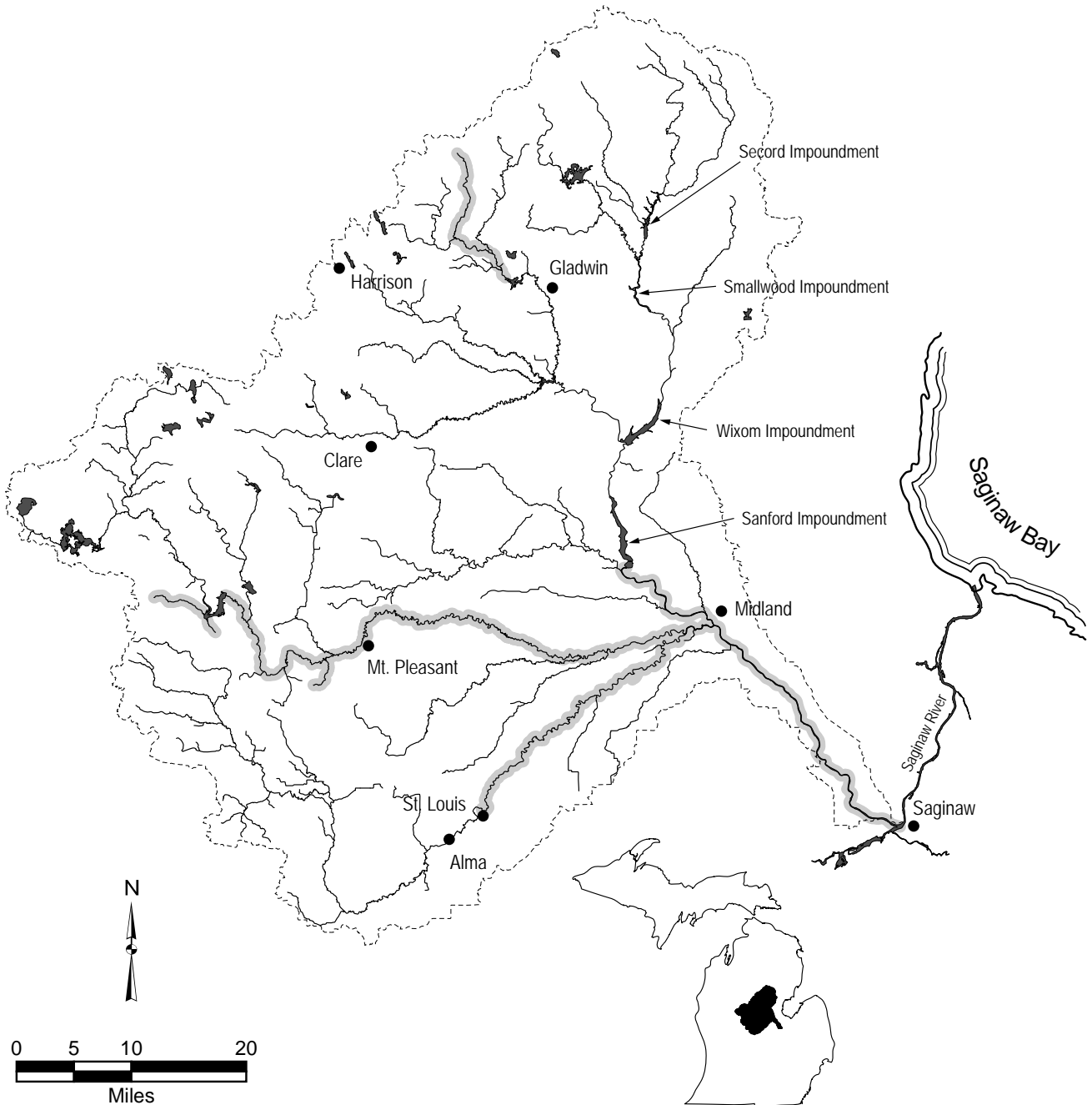
- feeding - shallow water (for coregonids; 55-105 ft.)
- spawning - cold shallow water (<25 ft.)
 - hard, stony, or sand substrate



Rainbow trout *Oncorhynchus mykiss*

Habitat:

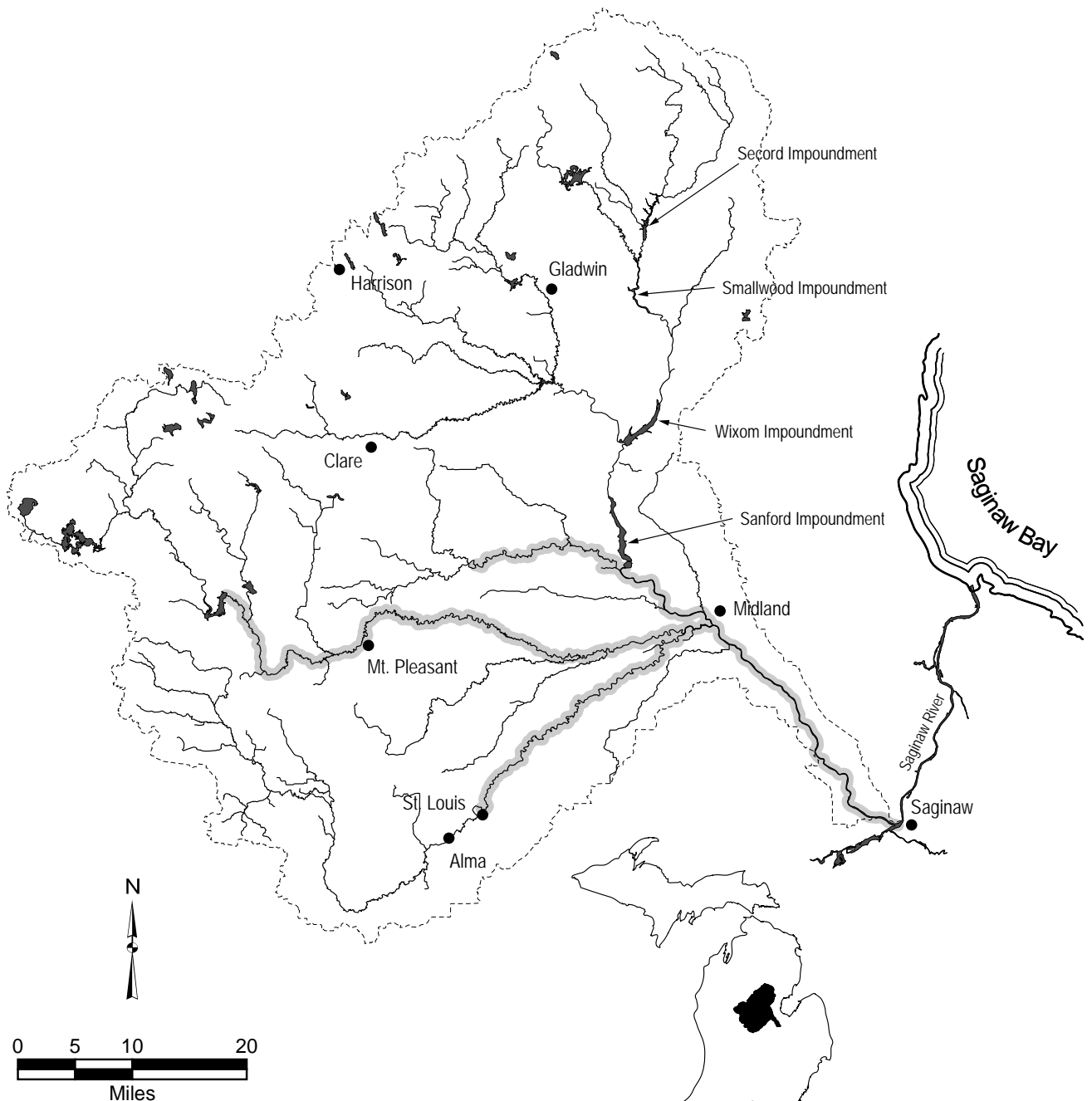
- feeding - cold clear water of rivers and Lake Huron
- moderate current
- spawning - gravelly riffles above a pool
- smaller tributaries



Chinook salmon *Oncorhynchus tshawytscha*

Habitat:

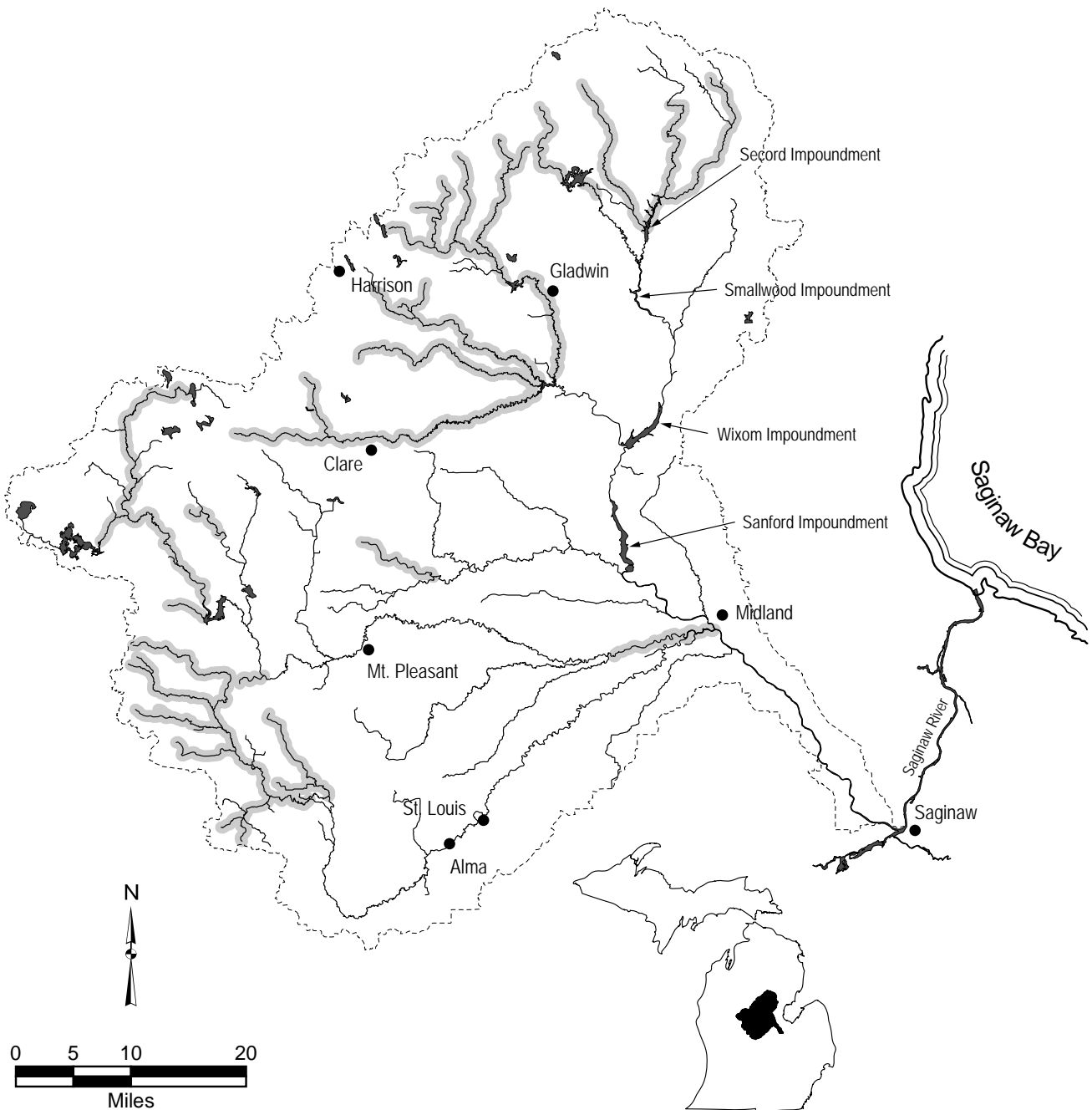
- feeding - adults: Lake Huron
- young: shallow gravel substrate in cool streams, later into pools
- spawning - gravelly substrate in cool streams



Brown trout *Salmo trutta*

Habitat:

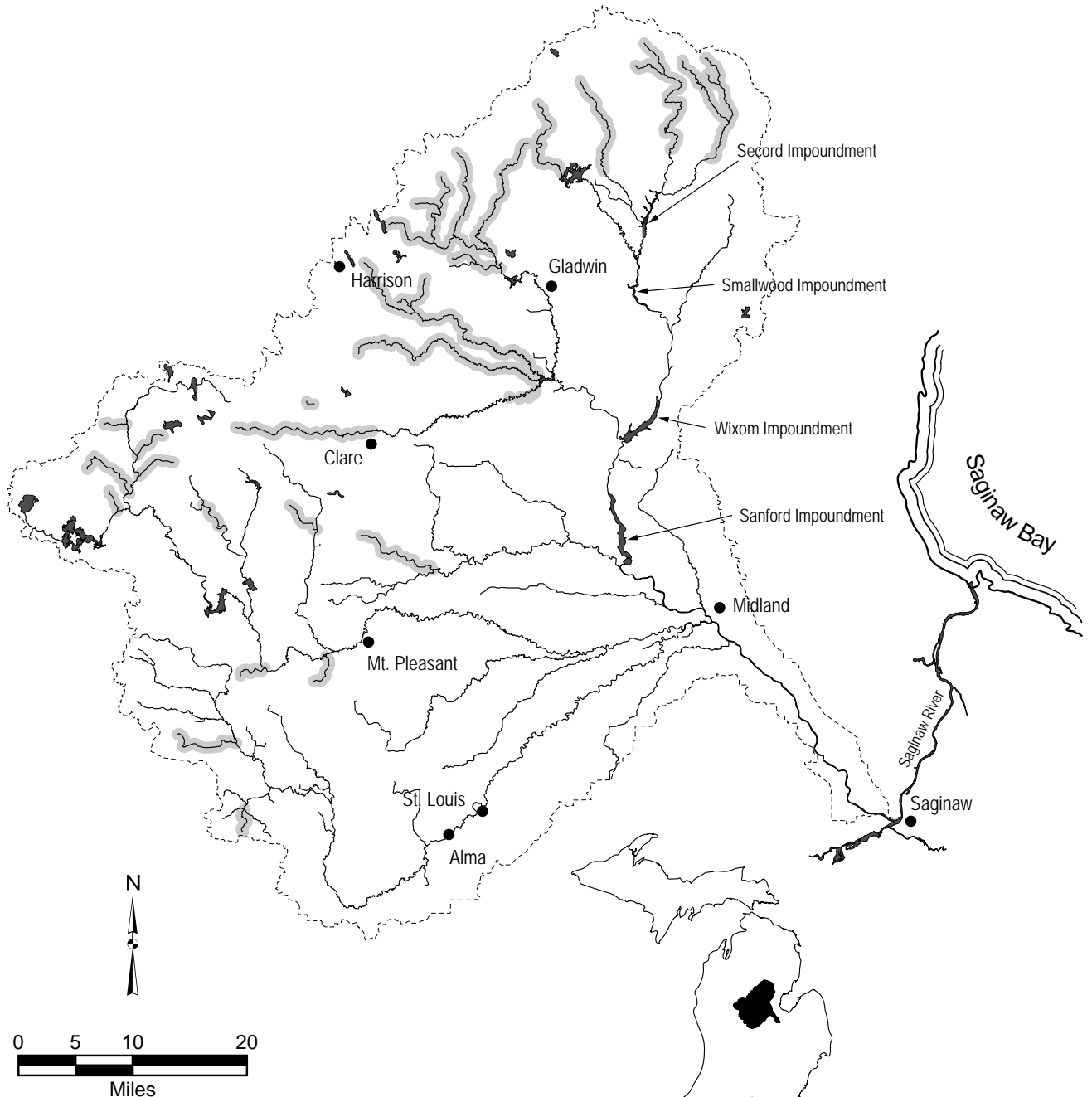
- feeding - cold, clear streams, rivers, and lakes (not >70°F)
- medium to swift current in streams
- does not tolerate silt well
- prefers few individuals and species around
- abundance of aquatic and land insects
- spawning - gravelly riffles; shallow headwater areas



Brook trout *Salvelinus fontinalis*

Habitat:

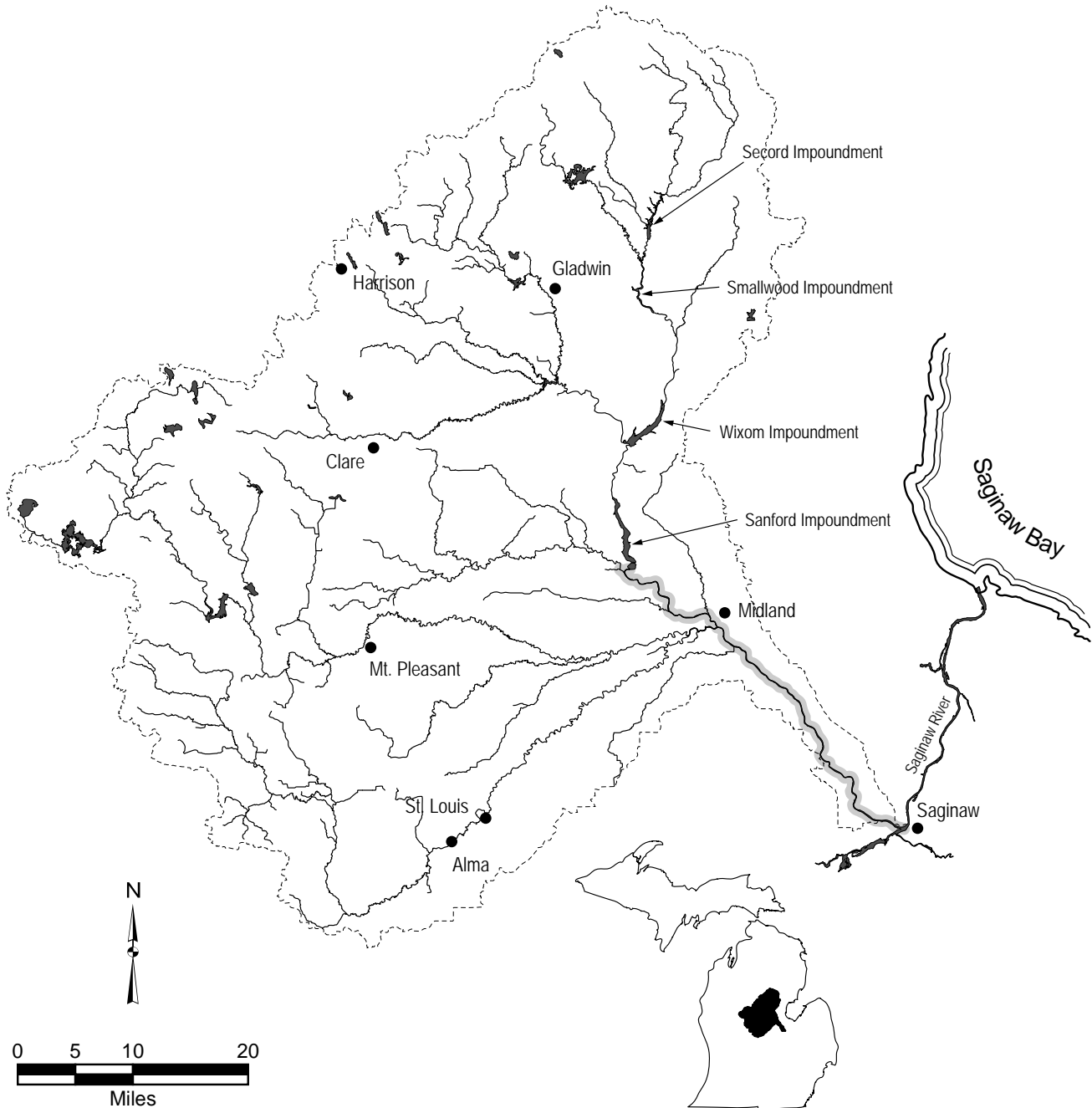
- feeding - cold, clear streams, rivers, and lakes (not >65°F)
- low current
- well oxygenated water
- spawning - gravelly riffles; shallow or headwater streams



Lake trout *Salvelinus namaycush*

Habitat:

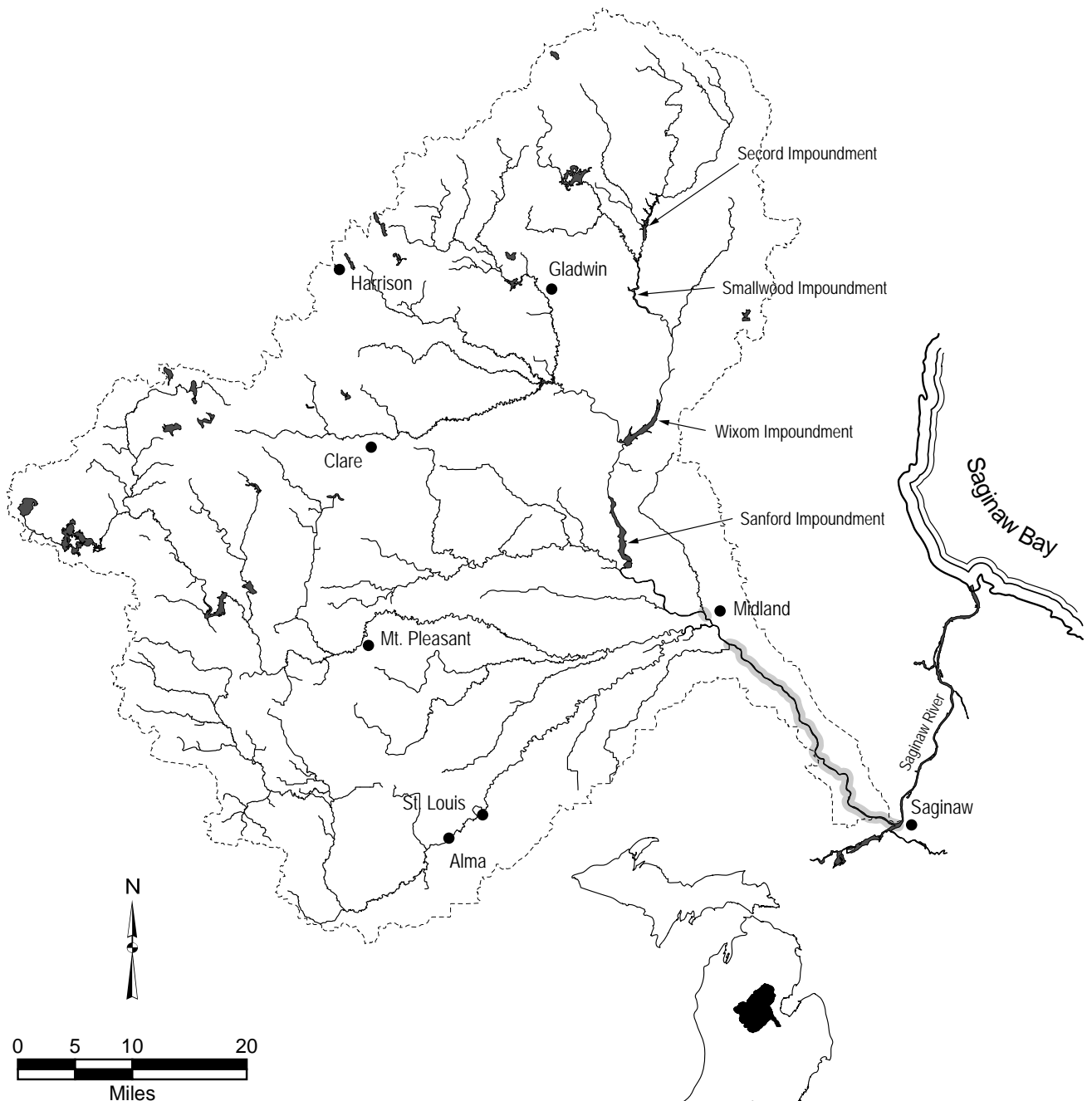
- feeding - cold lakes and rivers
- spawning - large boulder or rubble substrate
- shallow water of lakes and rivers



Trout-perch *Percopsis omiscomaycus*

Habitat:

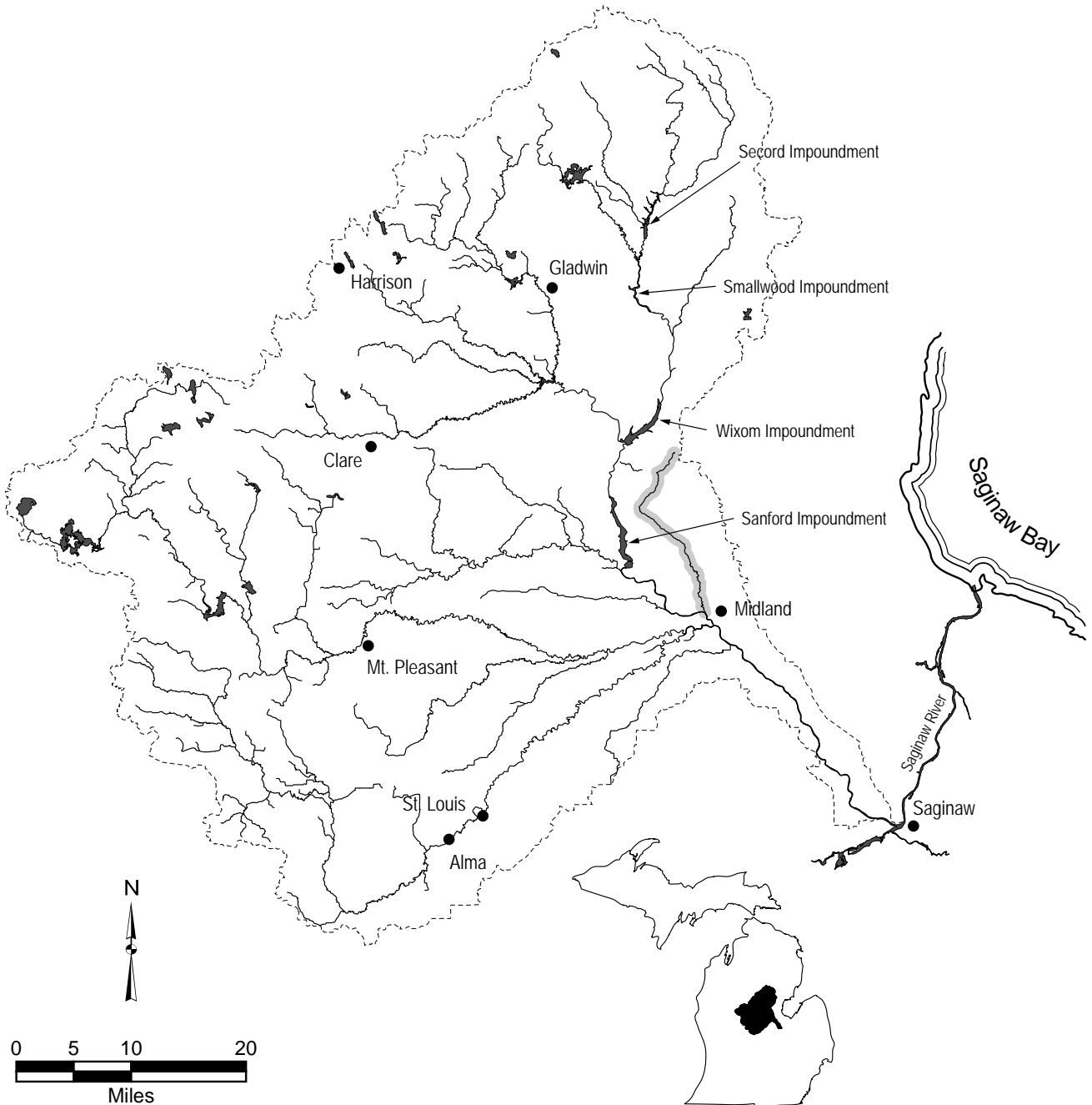
- feeding - clean sand or fine gravel substrate
- long deep pools in low gradient streams and Lake Huron
- highly intolerant of clayey silts
- avoids rooted aquatic vegetation
- spawning - over rocks in shallows
- over sand and gravel substrates in Lake Huron



Pirate perch *Aphredoderus sayanus*

Habitat:

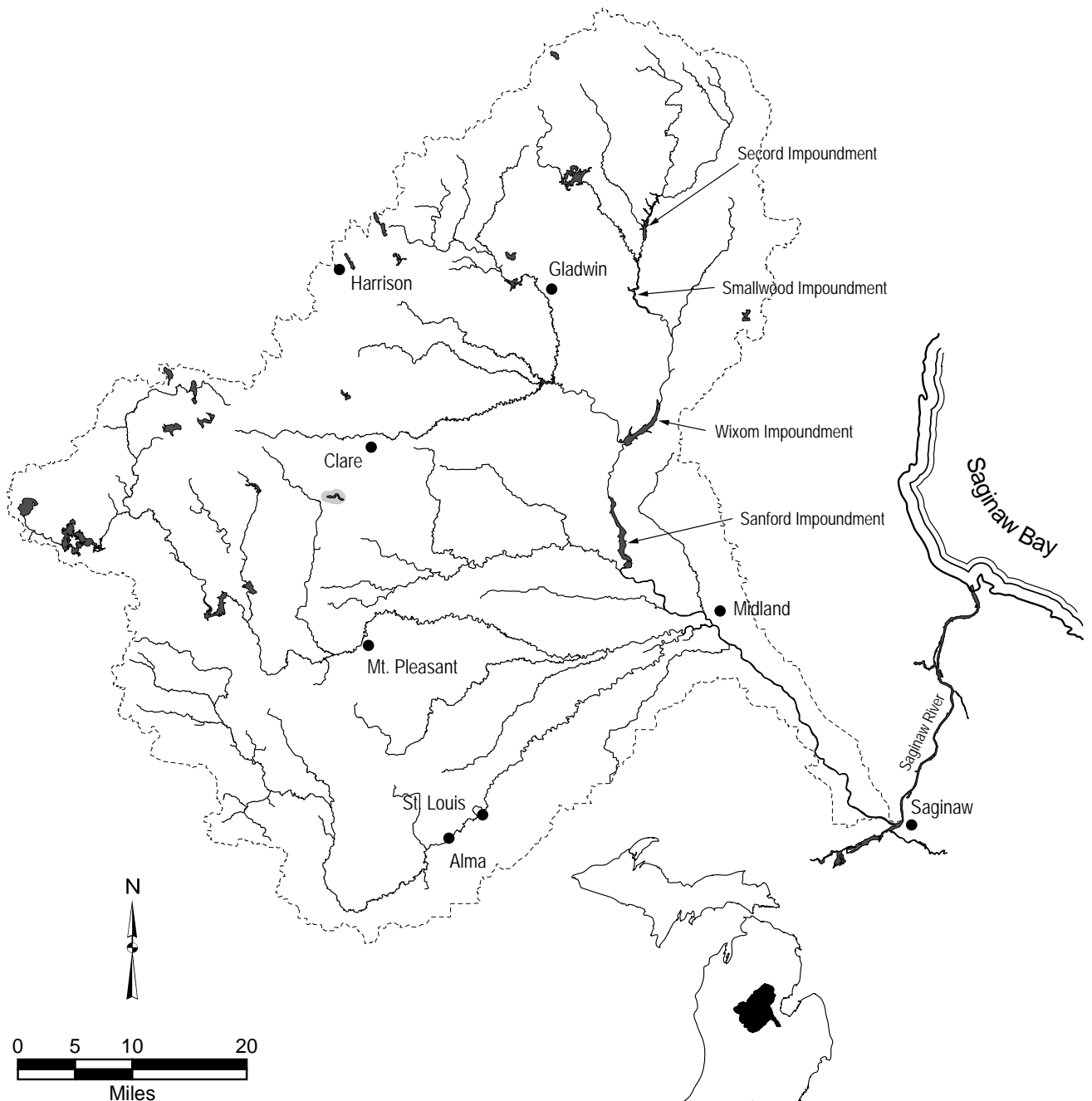
- feeding - oxbows, overflow ponds, marshes, estuaries, pools
- medium to large rivers
- low gradient, less than 3ft/mi
- sand or muck substrates covered with organic debris
- pools bordered by emergent aquatic vegetation
- clear, warm, quiet water



Western banded killifish *Fundulus diaphanus menona*

Habitat:

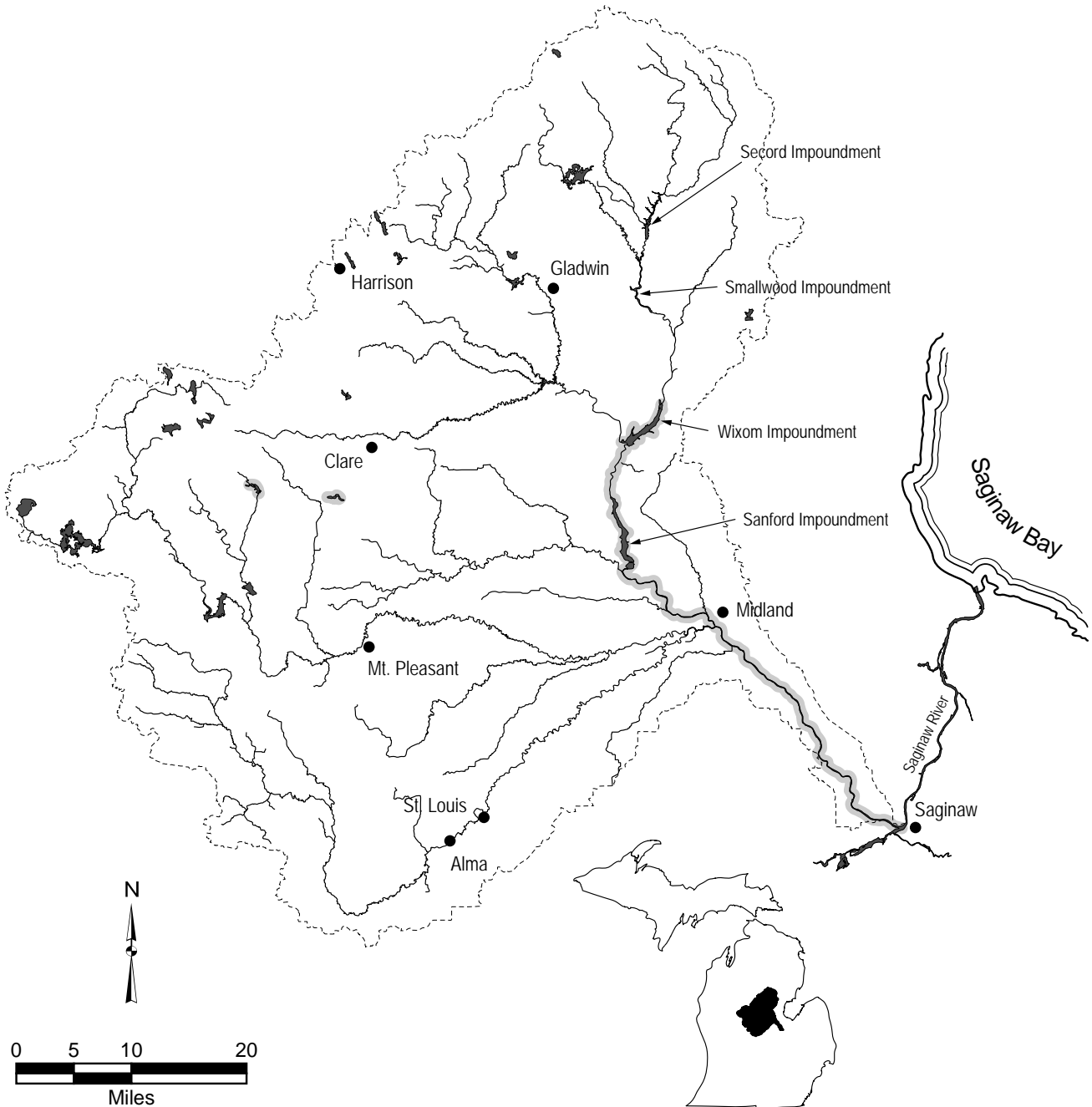
- feeding - quiet backwaters at the mouths of streams and lakes
- substrate of sand, gravel, and a few boulders
- also found over detritus substrate where patches of submerged aquatic vegetation are present
- spawning - quiet areas of weedy pools



Brook silverside *Labidesthes sicculus*

Habitat:

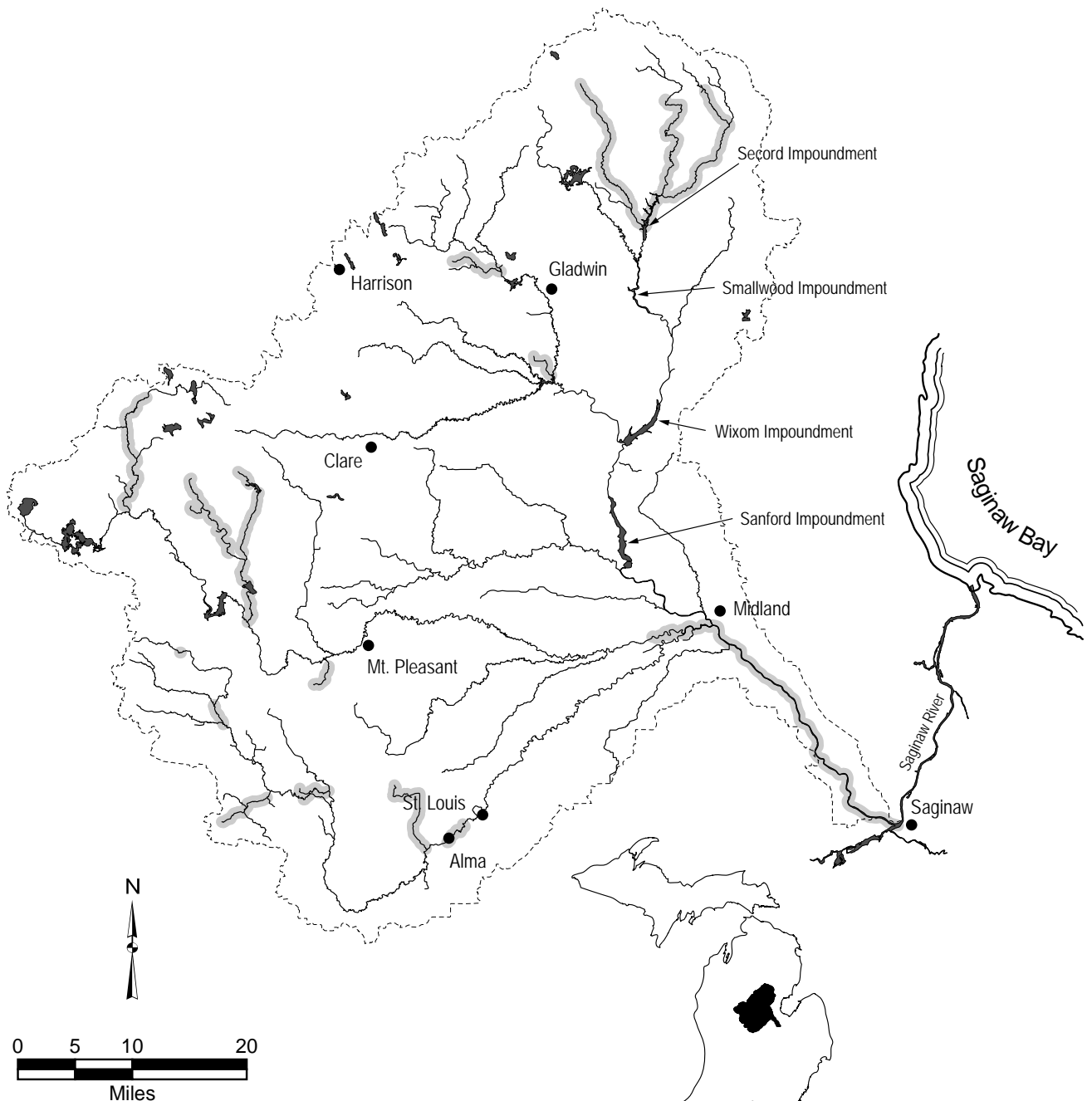
- feeding - clear, warm pools in streams and rivers; also lakes
- does not tolerate turbidity
- most frequently at surface
- spawning - in and around aquatic vegetation or over gravel substrate with a moderate current



Brook stickleback *Culaea inconstans*

Habitat:

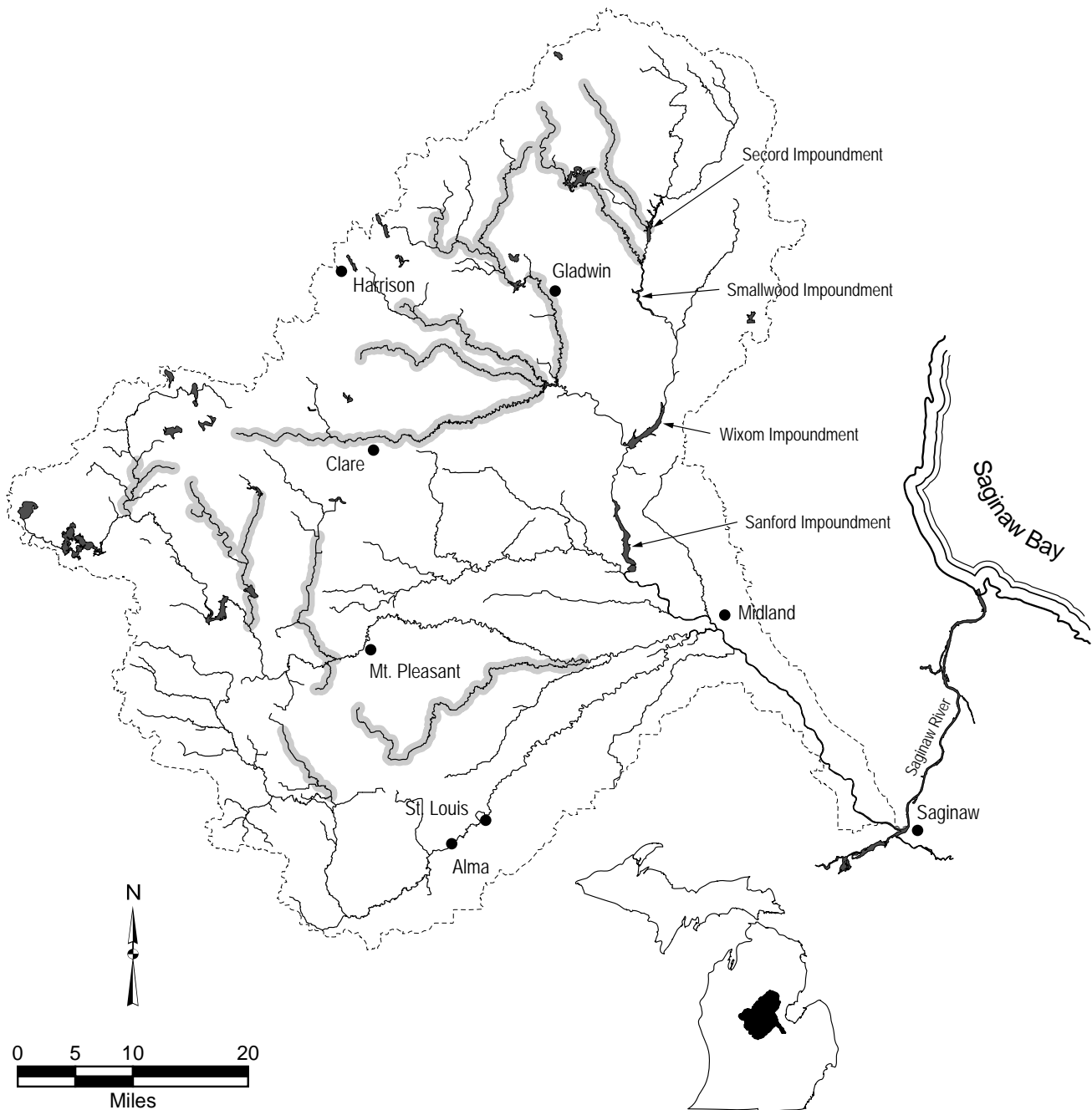
- feeding - clear, cold, densely vegetated streams, and swampy margins of lakes
- low gradient
- muck, peat, or marl substrate
- not tolerant of turbidity
- spawning - shallow cool (<66°F) water
- aquatic reeds or grasses necessary



Mottled sculpin *Cottus bairdii*

Habitat:

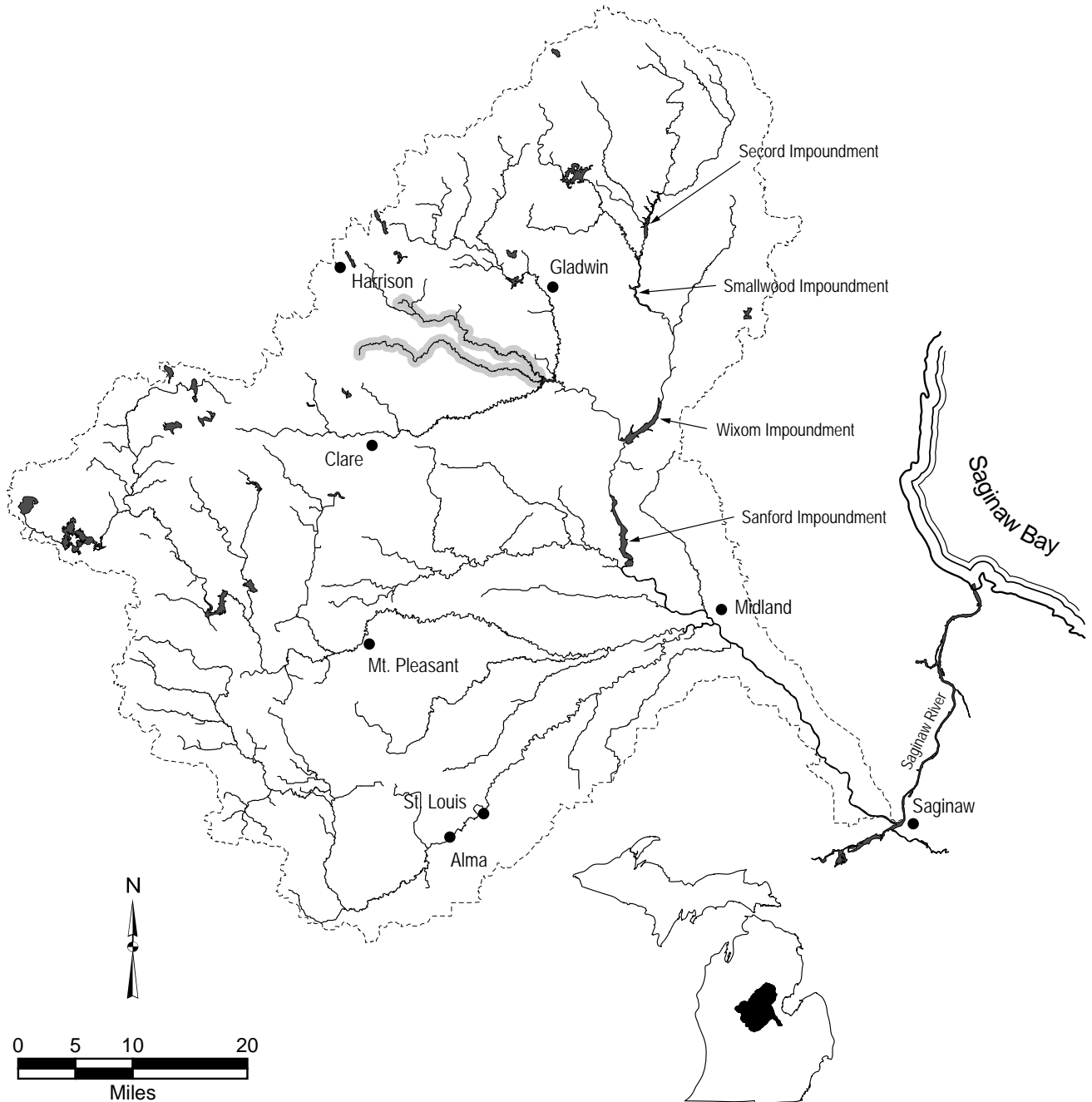
- feeding - cool to cold streams
- riffle and rock substrates preferred
- clear to slightly turbid shallow water
- spawning - nests under logs or rock



Slimy sculpin *Cottus cognatus*

Habitat:

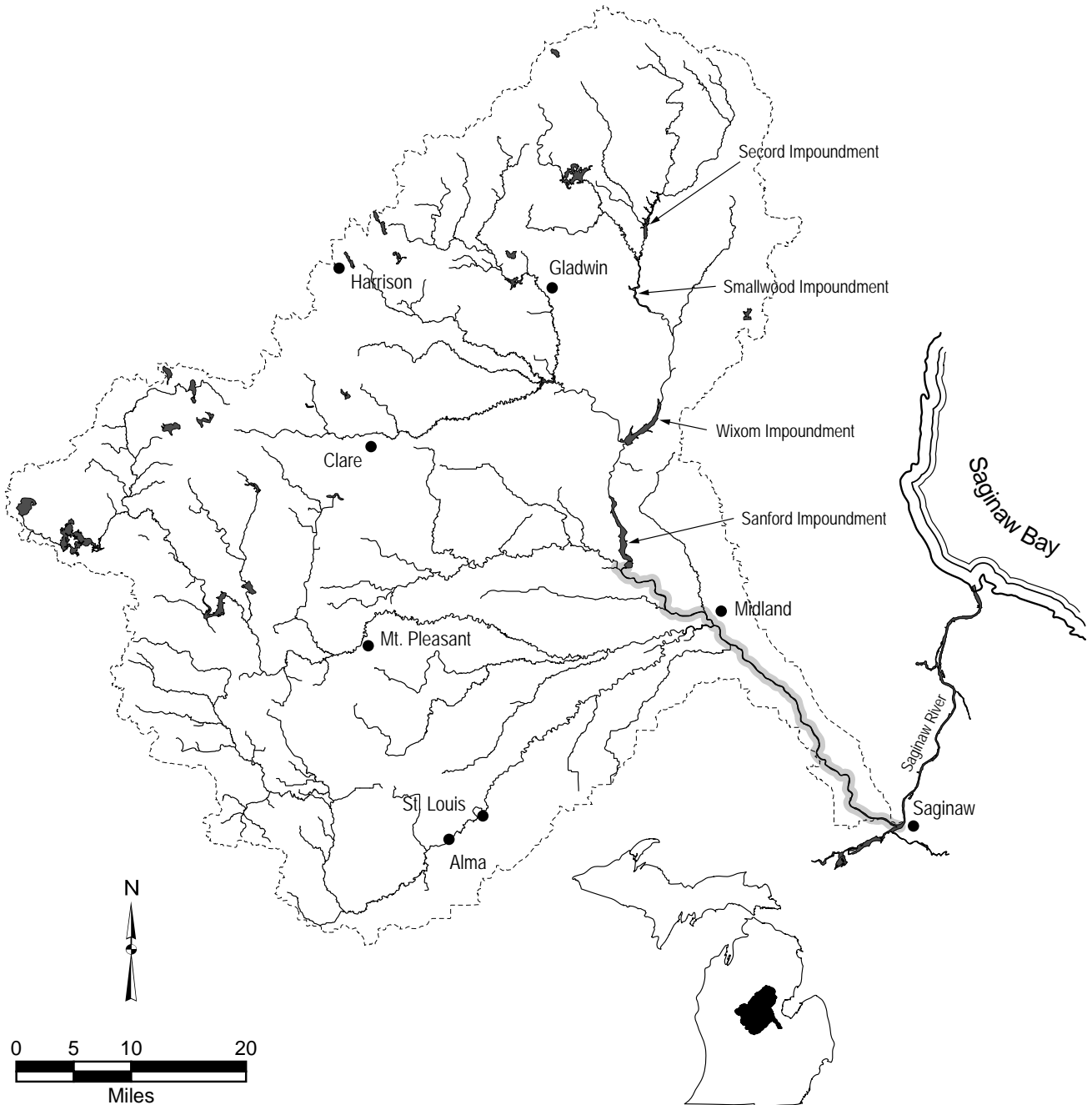
- feeding - cool lakes, impoundments, rivers, and streams
 - gravel or rock substrate
- spawning - nest in shallow areas of lakes
 - gravel substrate or rock ledge
 - male parental care



White perch *Morone americana*

Habitat:

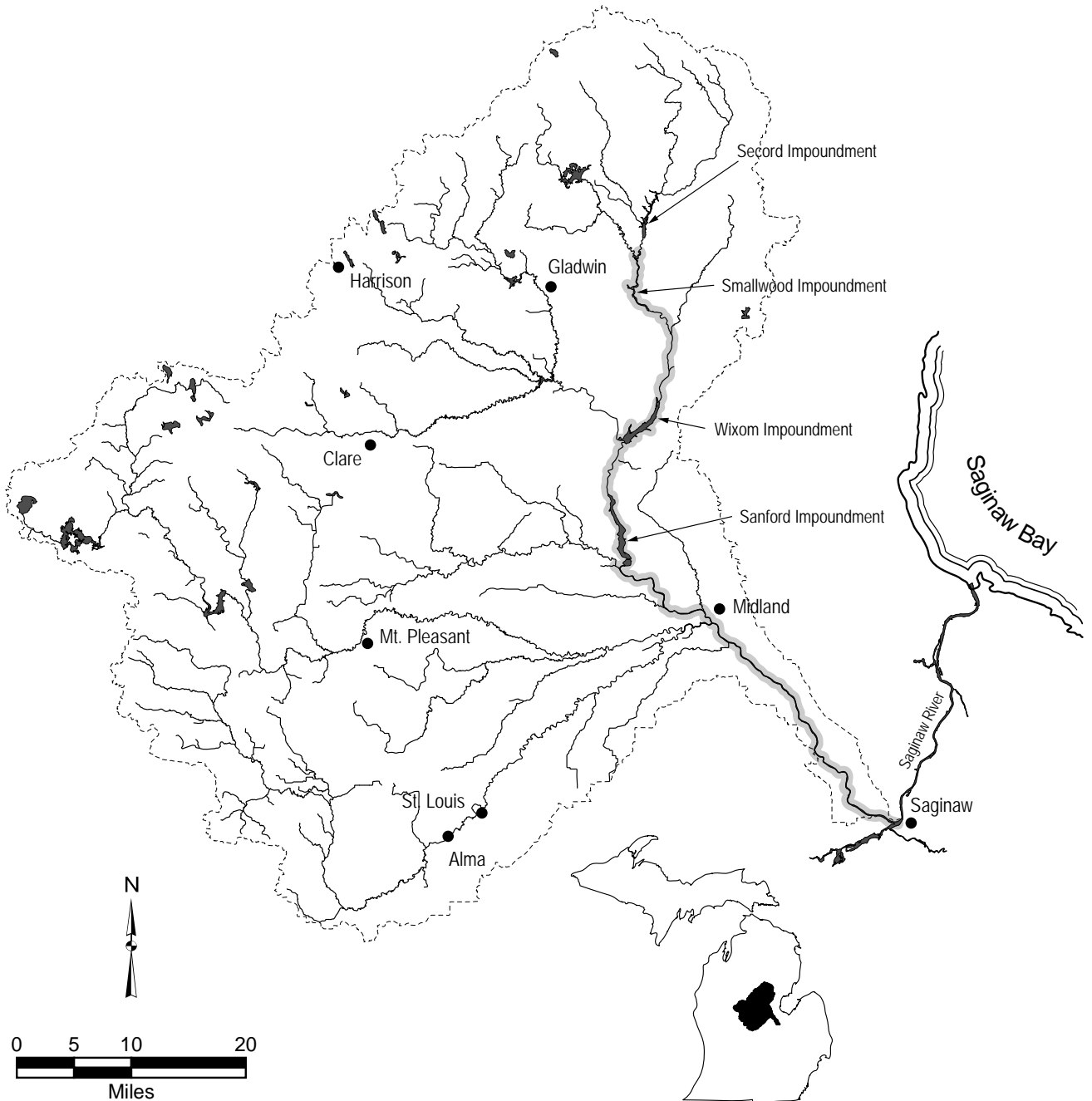
- feeding - clear, warm water of low-gradient streams, lakes, impoundments, and Lake Huron
- spawning - shallow water over firm substrate



White bass *Morone chrysops*

Habitat:

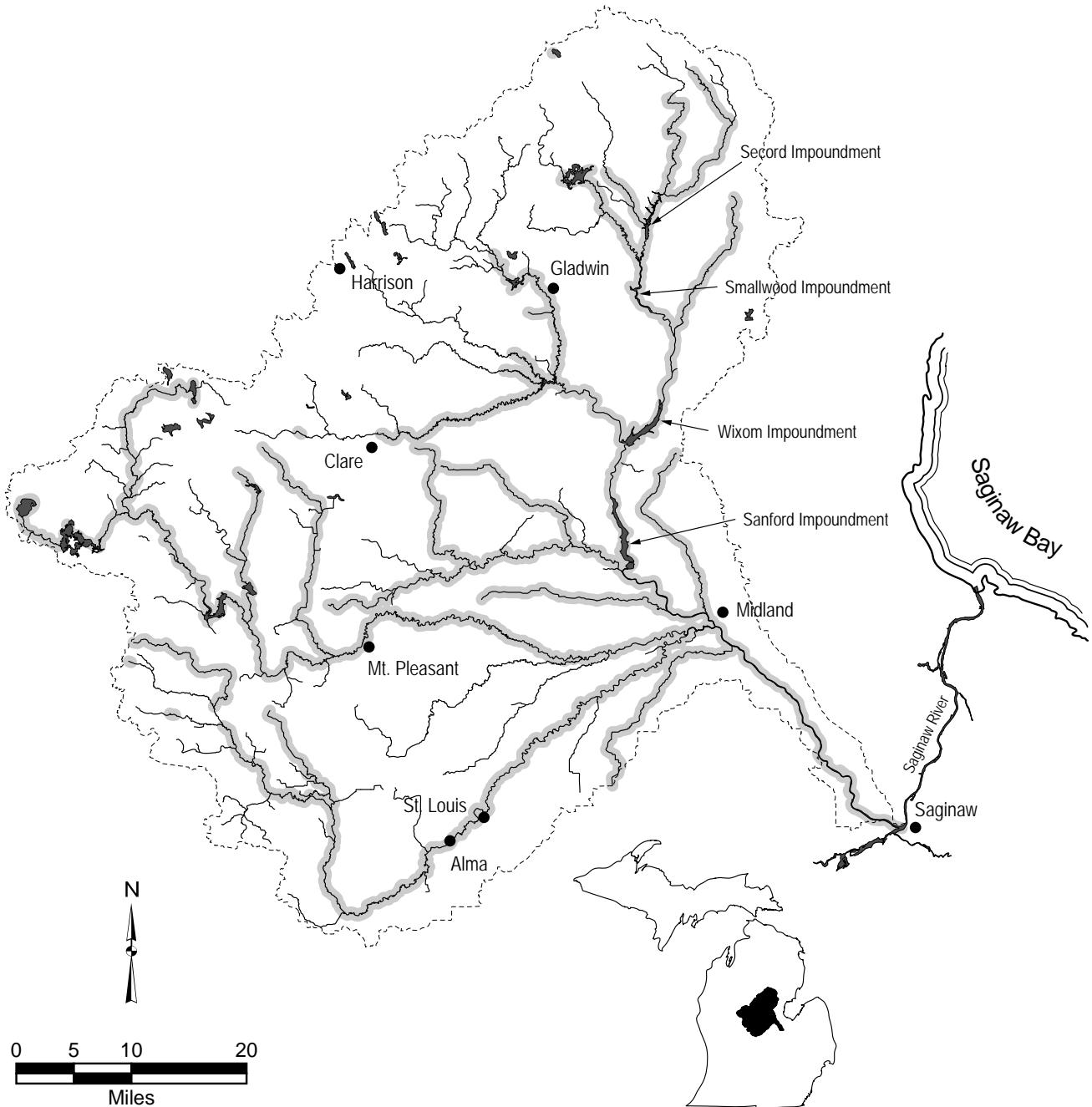
- feeding - large lakes, impoundments, and Lake Huron
- clear water of 30 feet or less depth
- firm substrate
- spawning - tributary streams or shallow water of lakes
- over firm substrate



Rock bass *Ambloplites rupestris*

Habitat:

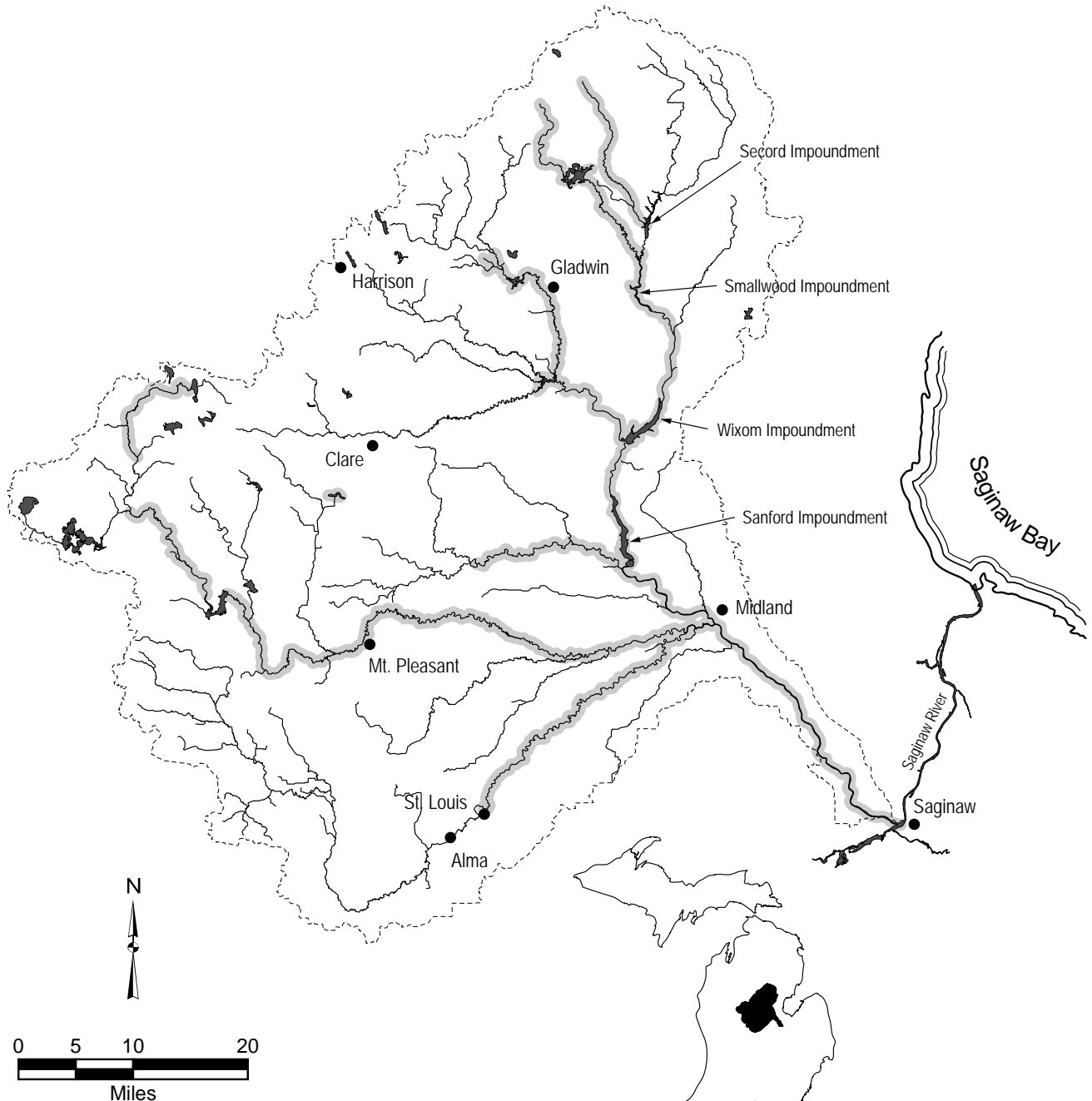
- feeding - clear, cool streams, rivers, and lakes
- rocky to sand substrate
- woody or vegetative cover
- spawning - sand or gravel nests
- shallow water
- winter refuge - deep water



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 *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

