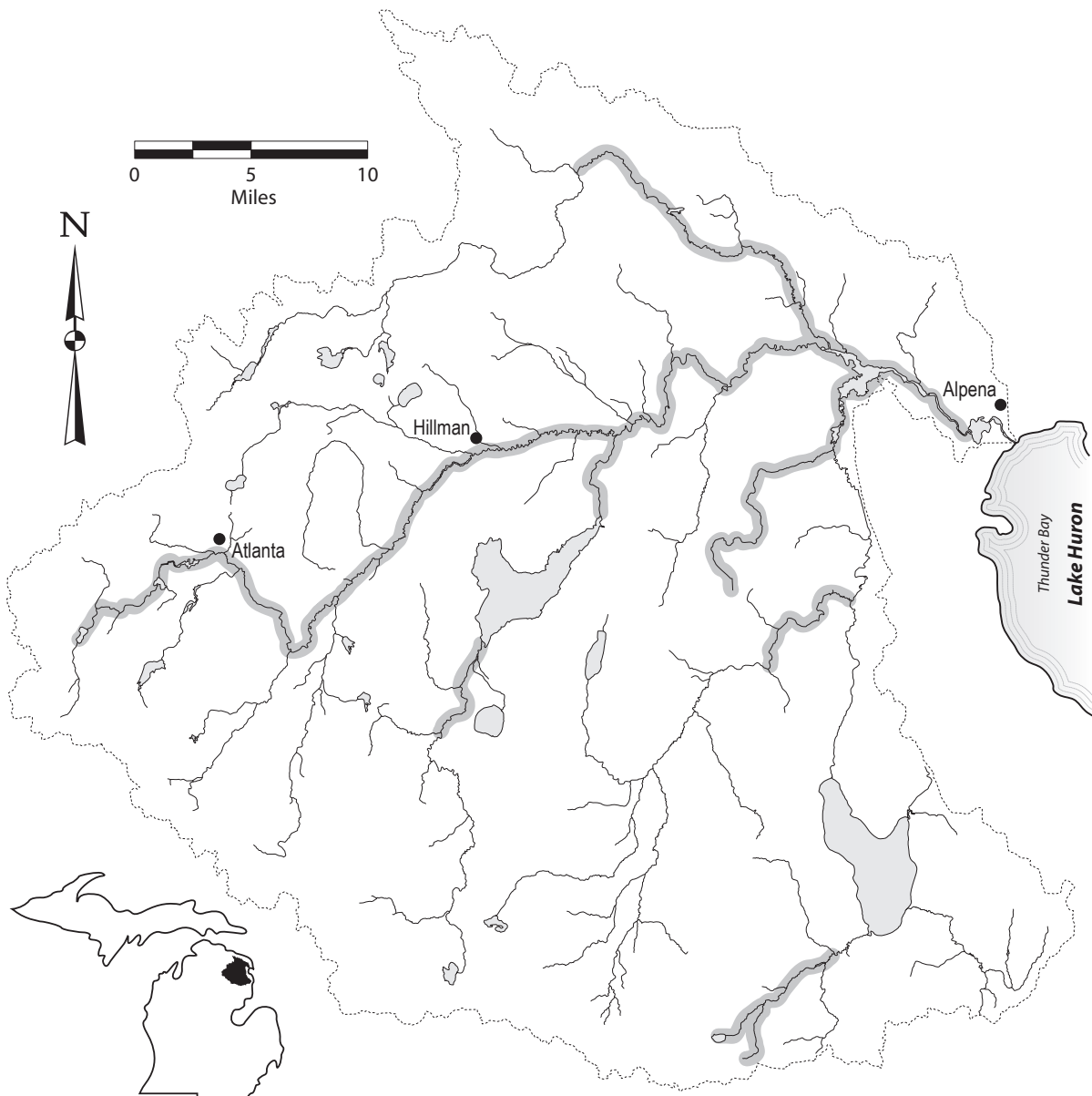


Longnose dace (*Rhinichthys cataractae*)

Habitat:

- feeding - lakes and streams
- high gradient
- gravel or boulder substrate

- winter refuge - quiet shallow pools, or shallow flat sand and gravel-bottomed areas



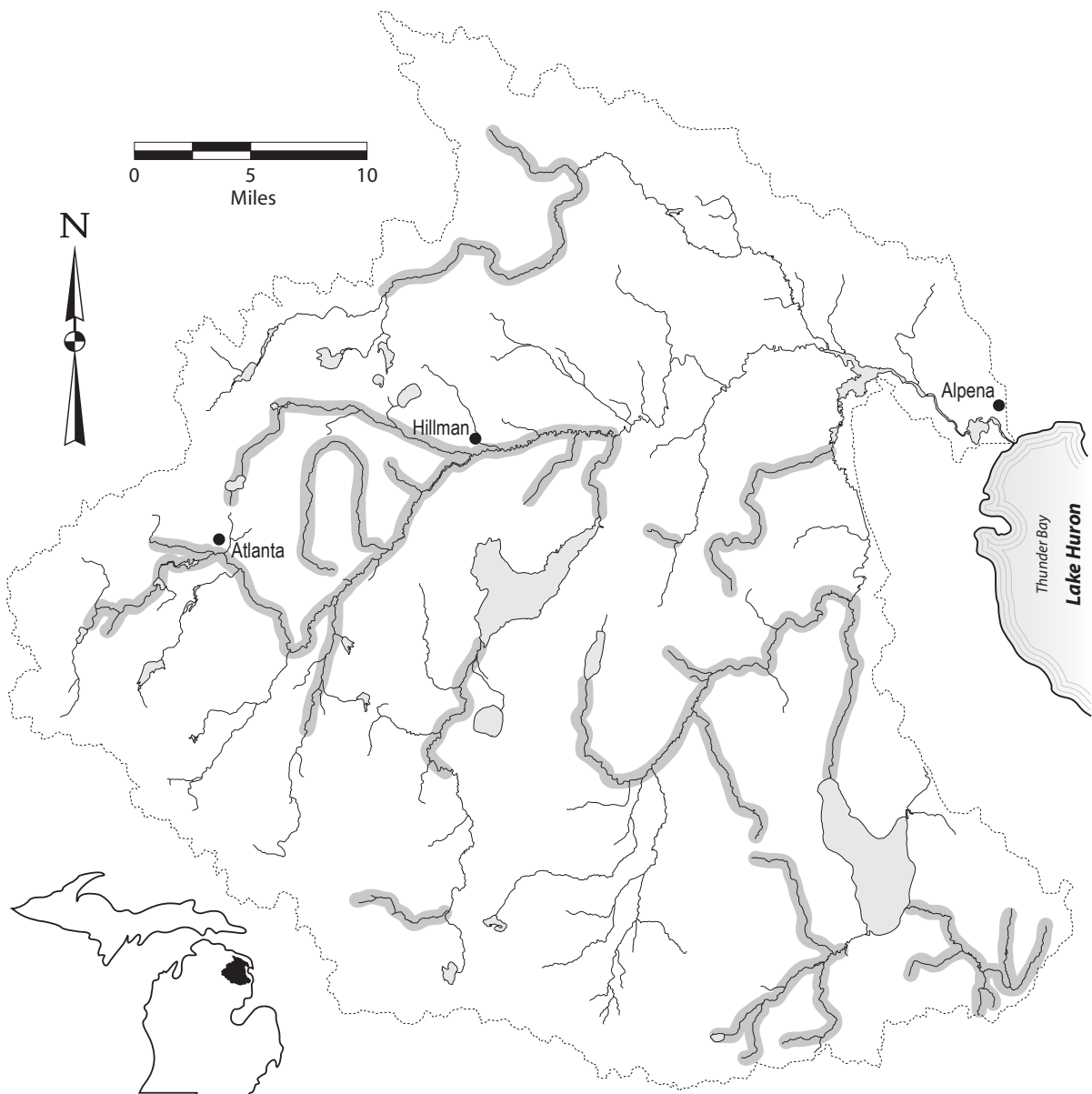
Western blacknose dace (*Rhinichthys obtusus*)

Habitat:

- feeding - moderate to high gradient streams
- sand and gravel substrate
- clear cool water in pools with deep holes and undercut banks
- does not tolerate turbidity and silt well

spawning - riffles with gravel substrate and fast current

winter refuge - larger waters



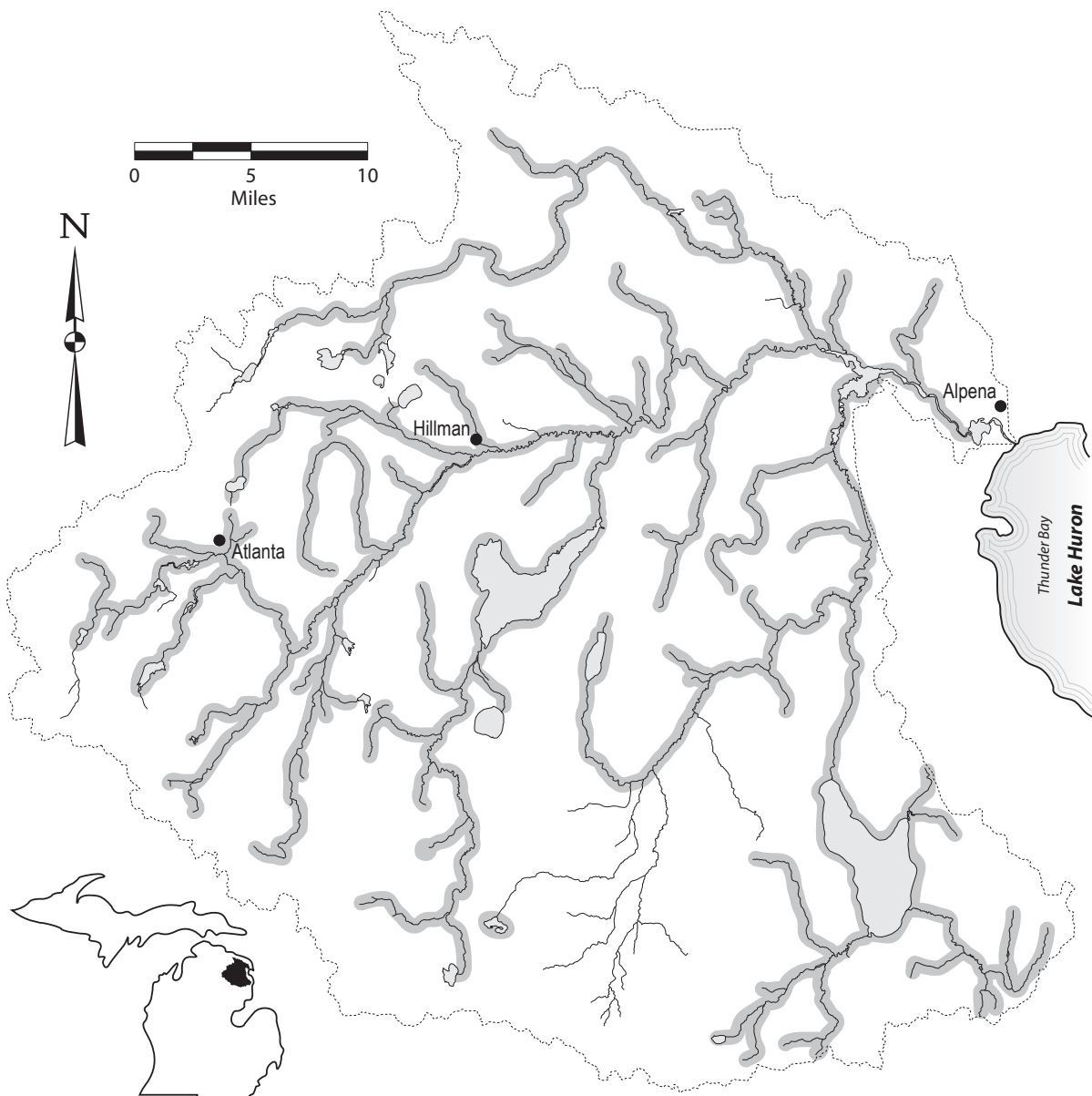
Creek chub (*Semotilus atromaculatus*)

Habitat:

- feeding - streams, rivers, or shore waters of lakes and impoundments
 - can tolerate intermittent flows
 - tolerates moderate turbidity

- spawning - gravel nests
 - low current

- winter refuge - deeper pools and runs

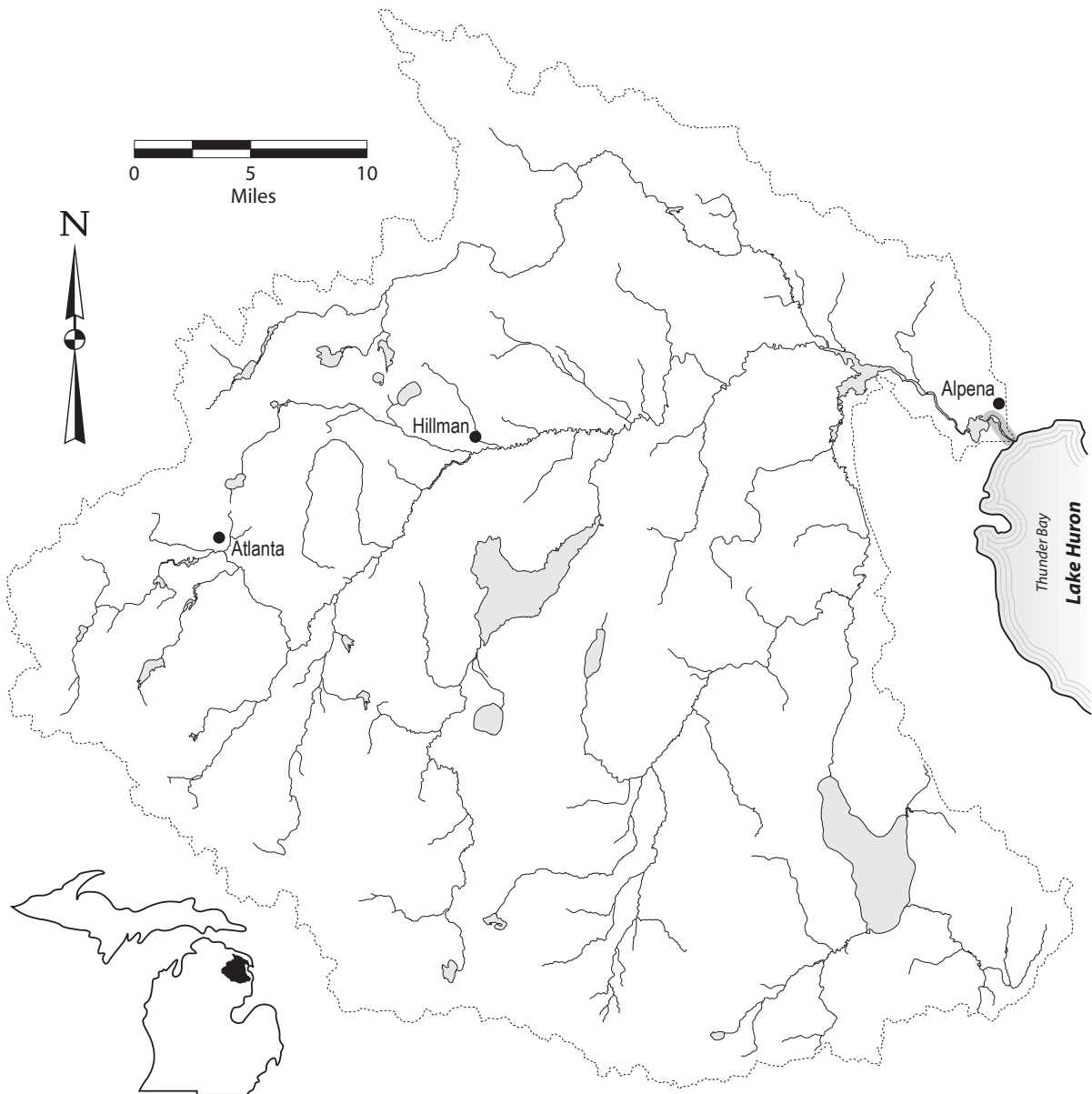


Longnose sucker (*Catostomus catostomus*)

Habitat:

- feeding - clear, cold rivers and lakes

- spawning - in streams or lake shallows
 - current
 - gravel substrate

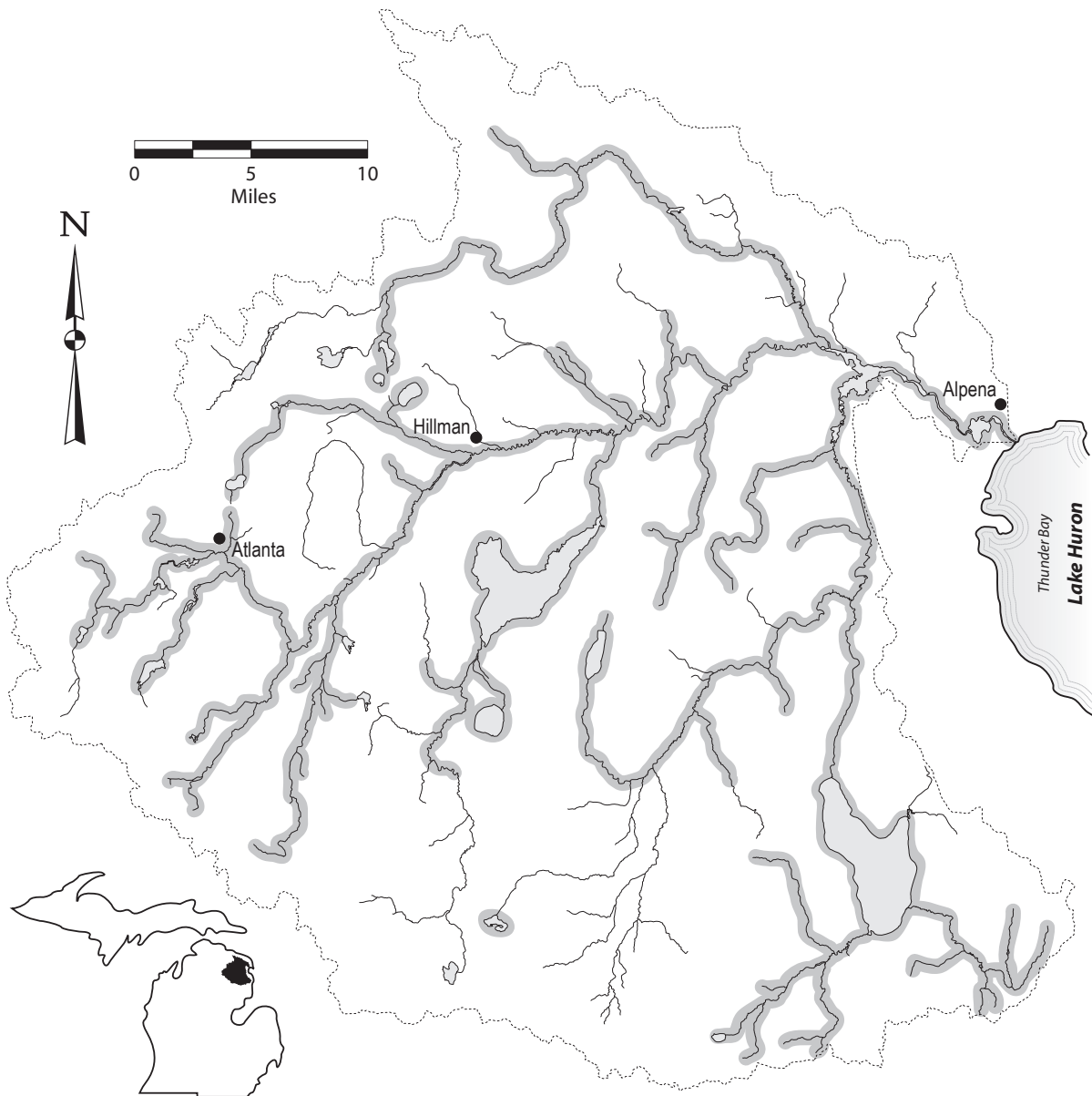


White sucker (*Catostomus commersonii*)

Habitat:

- feeding - streams, rivers, lakes, and impoundments
- can inhabit highly turbid and polluted waters

- spawning - quiet gravelly shallow areas of streams

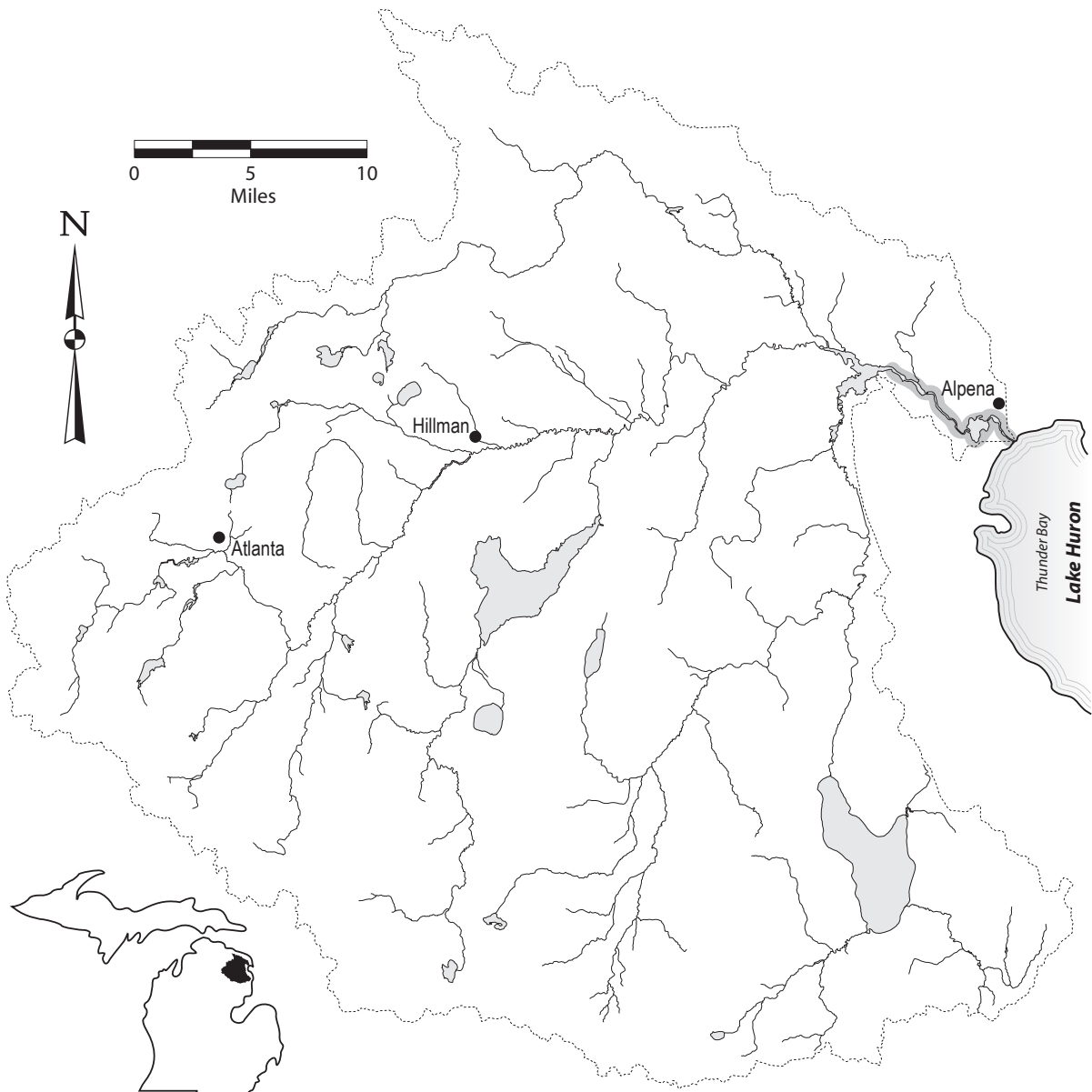


Silver redhorse (*Moxostoma anisurum*)

Habitat:

- feeding - streams, rivers, lakes, and impoundments
- low current
- pollution and turbidity intolerant

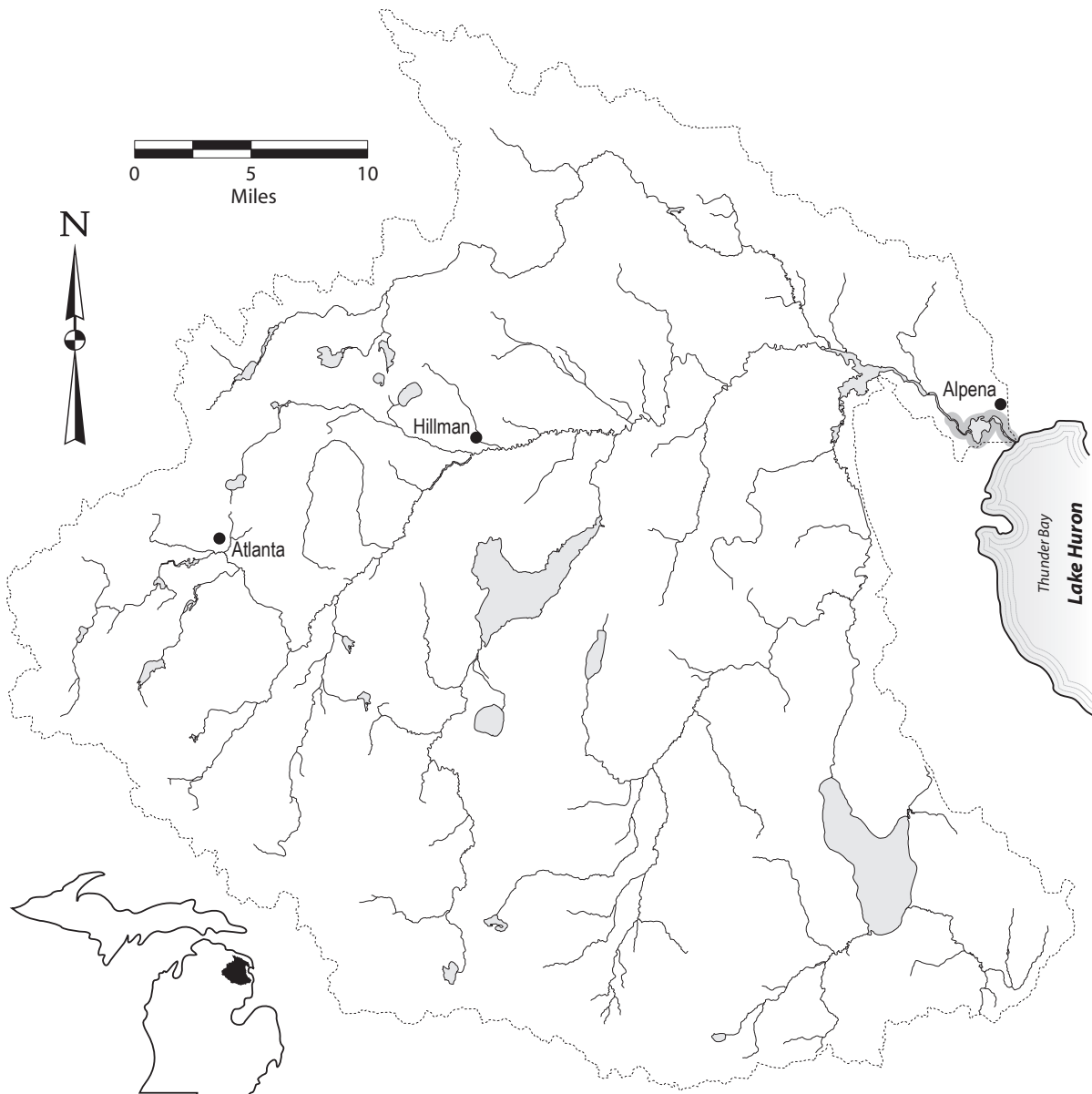
- spawning - swift current in rivers, do not spawn in tributaries
- males territorial
- gravel to rubble substrate



Greater redhorse (*Moxostoma valenciennesi*)

Habitat:

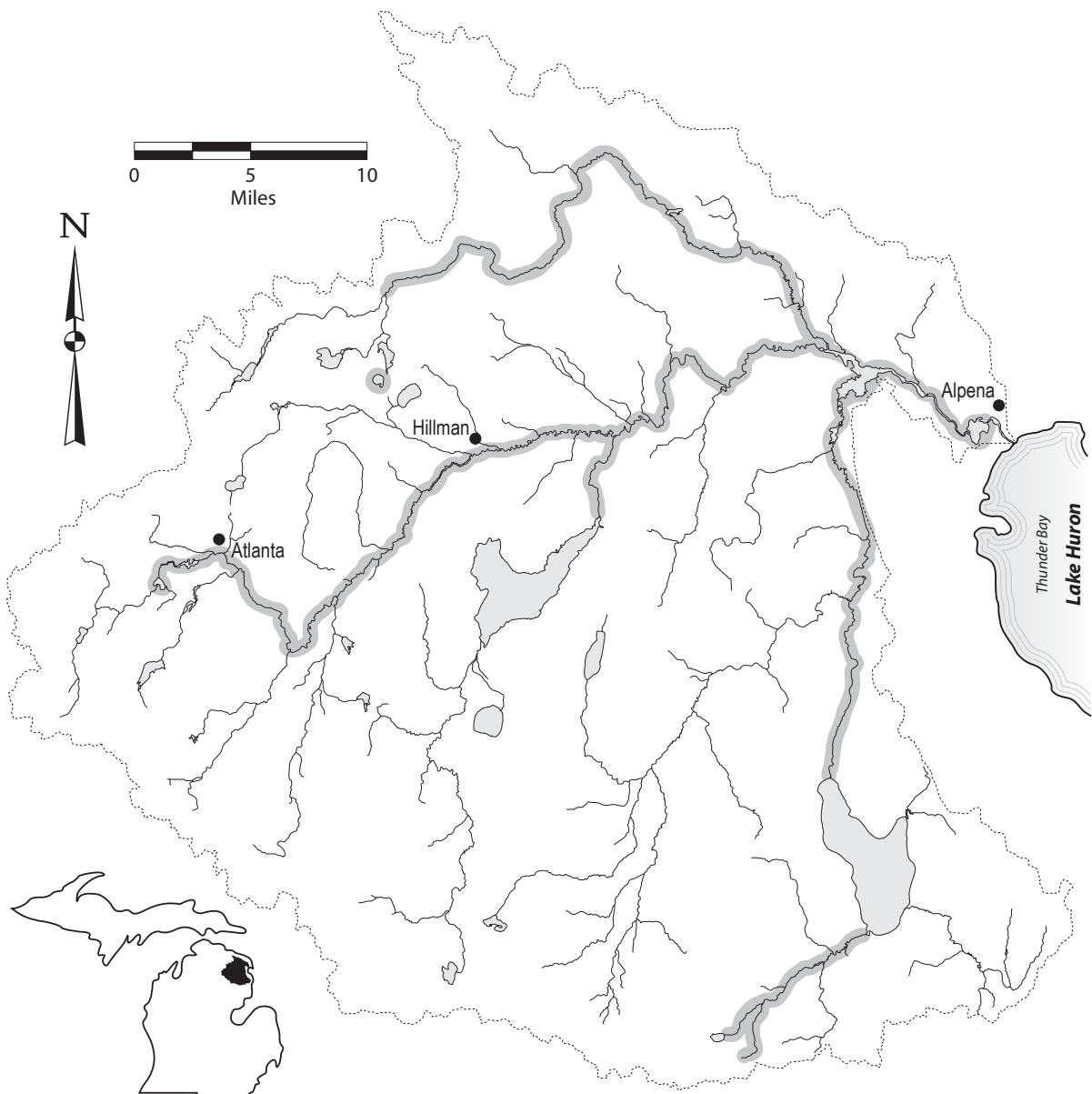
- feeding - large clear streams
 - clean sand, gravel, or boulder substrate
 - intolerant of excessive turbidity and chemical pollutants
- spawning - moderately rapid current



Black bullhead (*Ameiurus melas*)

Habitat:

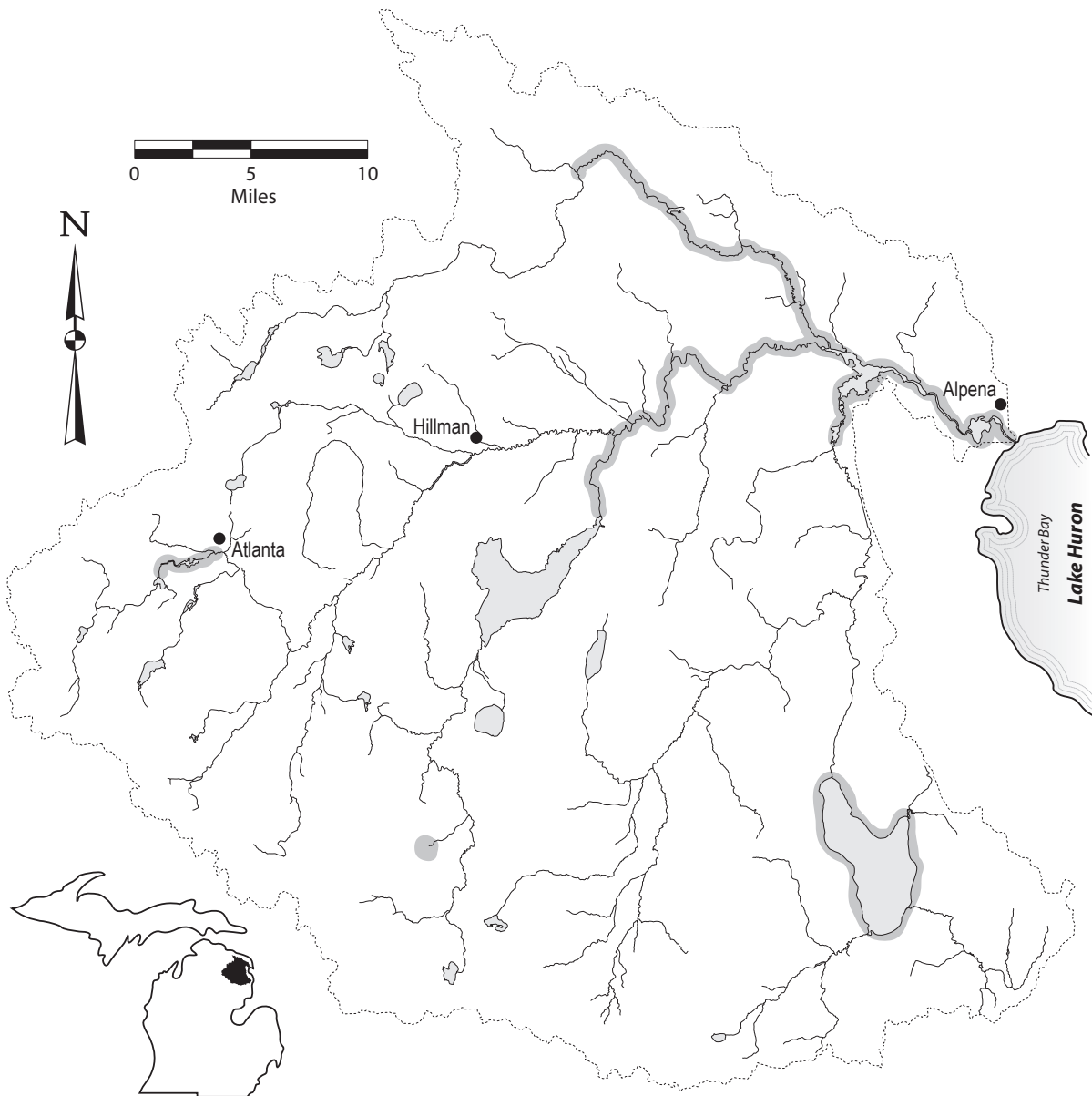
- feeding - turbid water
 - silt bottom
 - low gradient small to medium streams, pools, and headwaters of large rivers; also in lakes and impoundments
 - can tolerate very warm water and very low dissolved oxygen
- spawning - nest in moderate to heavy vegetation or woody debris and under overhanging banks



Yellow bullhead (*Ameiurus natalis*)

Habitat:

- feeding - clear flowing water
 - heavy vegetation
 - low gradient streams, lakes, and impoundments
 - tolerant of low oxygen
- spawning - nest under a stream bank or near stones or stumps



Brown bullhead (*Ameiurus nebulosus*)

Habitat:

- feeding
 - larger streams and rivers, lakes and impoundments
 - clear cool water with little clayey silt
 - moderate amounts of aquatic vegetation
 - sand, gravel, or muck substrate
 - not tolerant of turbid water
 - tolerant of warm water and low oxygen

- spawning
 - nest in mud or sand substrate among rooted aquatic vegetation usually near a stump, tree, or rock

- winter refuge
 - in muddy bottoms

