Golden shiner *Notemigonus crysoleucas*

**Habitat:**

- **Feeding:**
  - lakes and impoundments and quiet pools of low gradient streams
  - clear shallow water
  - heavy vegetation

- **Spawning:**
  - vegetation
Blackchin shiner *Notropis heterodon*

Habitat:

- feeding - lakes, impoundments, and quiet pools in streams and rivers
- clear water
- clean sand, gravel, or organic debris substrate
- dense beds of submerged aquatic vegetation
- cannot tolerate turbidity, silt, or loss of aquatic vegetation
Blacknose shiner *Notropis heterolepis*

**Habitat:**

- feeding: clear lakes, impoundments, and pools of small, clear, low-gradient streams
- aquatic vegetation
- clean sand, gravel, marl, muck, peat, or organic debris substrate
- cannot tolerate much turbidity, much siltation, or loss of aquatic vegetation

- spawning: sandy substrate
**Spottail shiner** *Notropis hudsonius*

**Habitat:**

- feeding - large rivers, lakes, and impoundments
  - firm sand and gravel substrate
  - low current
  - sparse to moderate vegetation
  - avoids turbidity
- spawning - over sandy shoals or gravelly riffles
  - near the mouths of small streams

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Mimic shiner *Notropis volucellus*

**Habitat:**

- feeding - pools and backwater of streams, moderately weedy lakes and impoundments
- quiet or still water
- clear shallow water
- spawning - aquatic vegetation necessary
Northern redbelly dace *Phoxinus eos*

Habitat:

- **feeding** - slow current
  - in boggy lakes and streams
  - detritus or silt substrate
  - clear to slightly turbid water
- **spawning** - filamentous algae needed for egg deposition
**Finescale dace** *Phoxinus neogaeus*

Habitat:

- feeding - cool bog lakes and streams
- neutral to slightly acidic waters
- various substrates
**Bluntnose minnow** *Pimephales notatus*

**Habitat:**

- **feeding**
  - quiet pools and backwaters of medium to large streams, lakes, and impoundments
  - clear warm water
  - some aquatic vegetation
  - firm substrates
  - tolerates all gradients, turbidity, organic and inorganic pollutants

- **spawning**
  - eggs deposited on the underside of flat stones or objects
  - nests in sand or gravel substrate
Fathead minnow *Pimephales promelas*

Habitat:
- **feeding** - pools of small streams, lakes, and impoundments
- tolerant of turbidity, high temperatures, and low oxygen
- **spawning** - on underside of objects in water 2 to 3 feet deep
- prefer sand, marl, or gravel substrate
Longnose dace *Rhinichthys cataractae*

Habitat:

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