Below are pictures of 10 Illinois fish. See if you can identify them using this simple key.

- a) Whiskerlike barbels present on head (catfishes)— Go to 2
 - b) No whiskerlike barbels present on head—Go to 3
- 2. a) Caudal fin forked-channel casfish
 - b) Caudal fin rounded-tadpole madtom
- 3. a) Mouth facing downward (suckers)—Go to 4
 - b) Mouth not facing downward-Go to 5
- a) Front edge of dorsal fin at least 4 times longer than back edge—quillback
 - b) Front edge of dorsal fin less than 4 times longer than back edge—black redhorse
- a) Body elongate, more than twice as long as tall— Go to 6
 - b) Body not elongate, but slab-sided. Not more than twice as long as tall—bluegill
- a) First five rays of dorsal fin spikelike—brook stickelback
 - b) First five rays of dorsal fin not spikelike-Go to 7
- 7. a) Two dorsal fins. (darters)-Go to 8
 - b) Only one dorsal fin-Go to 9
- a) Bold irregular black stripe on side, like a series of connected blotches—blackside darter
 - b) No bold black markings on side. Markings are narrow vertical bars—orangethroat darter
- 9. a) Caudal fin forked-spotfin shiner
 - b) Caudal fin rounded—blackspotted topminnow





(gill covers)

Using A Dichotomous Key Freshwater Fish Answers

Ray Lester

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