

# FISH DICHOTOMOUS KEY

in your notebook, give the title and then use the dichotomous key to identify the 10 Illinois fish.  
Below are pictures of 10 Illinois fish. See if you can identify them using this simple key.

1. 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 catfish  
b) Caudal fin rounded—tadpole madtom



3. a) Mouth facing downward (suckers)—Go to 4  
b) Mouth not facing downward—Go to 5

4. 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 rehorse



5. a) Body elongate, more than twice as long as tail—Go to 6  
b) Body not elongate, but slab-sided. Not more than twice as long as tail—bluegill



6. a) First five rays of dorsal fin spikelike—brook stickleback  
b) First five rays of dorsal fin not spikelike—Go to 7



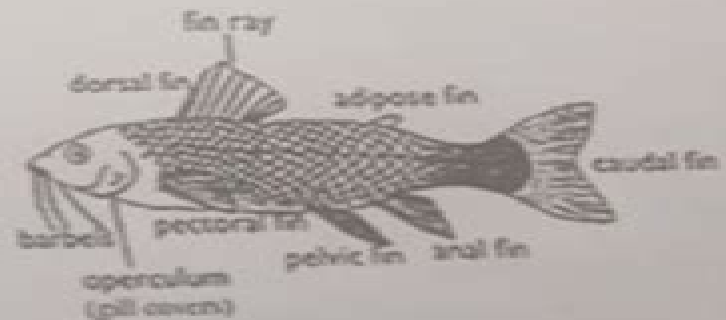
7. a) Two dorsal fins. (darters)—Go to 8  
b) Only one dorsal fin—Go to 9

8. 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—orangefthroat darter

All drawings above taken from P.W. Smith (1979).  
The Fishes of Illinois.

## Fish Anatomy

9. a) Caudal fin forked—spottin shiner  
b) Caudal fin rounded—blackspotted topminnow



# Fish Dichotomous Key With Answers

**Arturo Cuomo**

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

## **Fish Dichotomous Key With Answers:**

## The Enigmatic Realm of **Fish Dichotomous Key With Answers**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing in short supply of extraordinary. Within the captivating pages of **Fish Dichotomous Key With Answers** a literary masterpiece penned by way of a renowned author, readers set about a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting impact on the hearts and minds of those who partake in its reading experience.

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