## What fish is that?

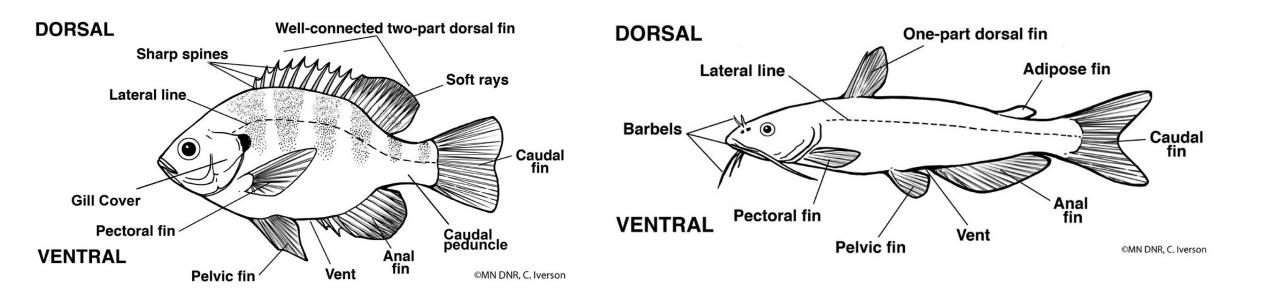


## DEPARTMENT OF NATURAL RESOURCES

**Dichotomous Key** 

## **Dichotomous Key Instructions**

After making close observations, decide if the statement is true of your fish. If the answer is "**YES**" to the question go to the number shown. If the answer is "**NO**" go to the question on the next line down. Follow the numbers until you get to your fish's name. Use these diagrams to help you identify characteristics of your fish to find it's name.









## Dichotomous Key to Identify Common Minnesota Fish

1a. Is ANY part of the dorsal fin located near the middle of the fish's back?	Go to 2
1b. Is there a single dorsal fin located close to the caudal fin?	Go to 3

2a. Does the fish's dorsal fin appear to have at least 1 spine?	Go to 4
2b. Does the fish's dorsal fin appear to be made of soft rays?	Go to 5

3a. Is the fish's body color darker with lighter horizontal markings?Northern Pike	
3b. Is the fish's body color lighter with darker vertical markings?Muskellunge	

4a. Does the fish appear to have "whiskers"?	Channel Catfish
4b. Does the second part of the dorsal fin appear more squared?	Go to 6
4c. Does the second part of the dorsal fin appear more rounded?	Go to 7

5a. Does the fish have worm-like markings and white leading edges on its fins?Brook Trout
5b. Does the fish have a pink stripe on the side of its body?Rainbow Trout
5c. Does the fish have large dark spots and red dots with light halos on its sides?Brown Trout

6a. Is there a white spot on the lower part of the caudal fin?	Walleye
6b. Are there between 6-9 dark vertical bars on the body?	Yellow Perch
6c. Are there many black spots on the spiny 1 <sup>st</sup> dorsal fin	Sauger

7a. Does the fish have speckled fins?	Go to 8
7b. Does the fish have a large black "ear" spot on its gill covering?	
7c. Does the fish's upper jaw extend just to the middle of a red eye?	Smallmouth Bass
7d. Does the line of the fish's top jaw extend beyond a non-red eye?	Largemouth Bass

8a. Is the dorsal fin spine count 6 or less?	White Crappie
8b. Is the dorsal fin spine count 7 or more?	Black Crappie

9a. Is the "ear" spot all black?E	Bluegill Sunfish
9b. Does the "ear" spot have a white and red edge?	.Pumpkinseed































- 1. Muskellunge
- 2. Channel Catfish
- 3. Rainbow Trout
- 4. White Crappie
- 5. Walleye
- 6. Northern Pike
- 7. Brown Trout
- 8. Pumpkinseed
- 9. Yellow Perch
- 10. Brook Trout
- 11. Black Crappie
- 12. Largemouth Bass

13. Sauger14. Bluegill15. Smallmouth Bass