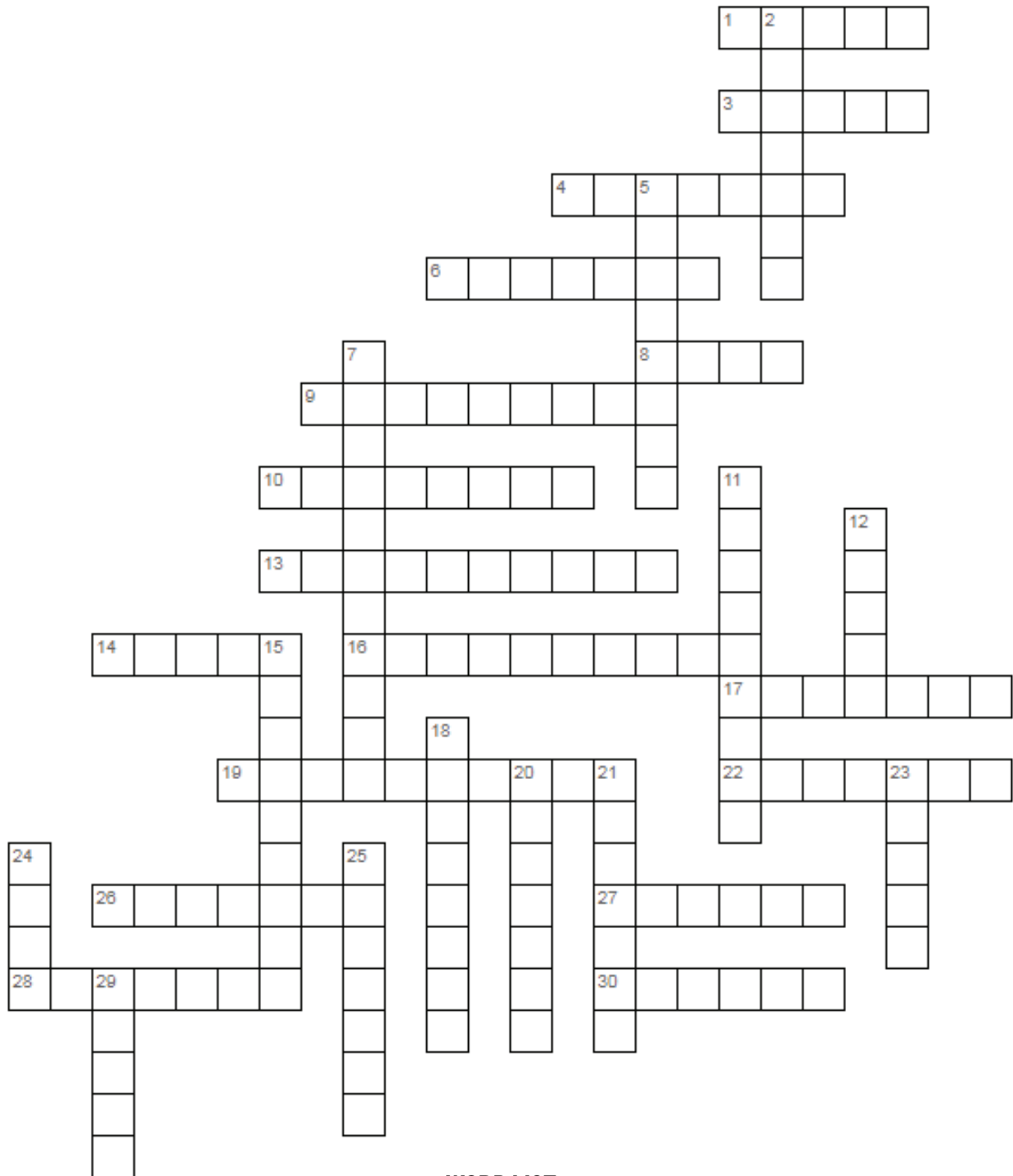


# FISH TUG CROSSWORD



## WORD LIST

Evelyn S.  
Sturgeon  
Compressor  
Perch  
Smokehouse  
Zebra Mussel

Gill Net  
Menominee  
Buoys  
Goby  
Bucking  
Kahlenberg

Lamprey  
Sheathing  
Fishery  
Whitefish  
Fish Box  
Lifter

Chub  
Shuttle  
Porthole  
Alewife  
Elsie J.  
Float

Trout  
Cisco  
Fish Tug  
Net Reel  
Smelt  
Invasive

# FISH TUG CROSSWORD CLUES

## ACROSS

1. Used in gill net fishing to hold the net up while it was underwater.
3. Small, but long fish whose scales look like they have many colors, like a rainbow. They are used for both commercial and sport fishing.
4. The occupation or industry of catching, processing, and selling fish.
6. Boat that fished long nets into the deep waters of the Great Lakes for large amounts of fish. (2 words)
8. Fish that has raised frog-like eyes, thick lips, and a front fin that has a black spot. It is an invasive species.
9. Also called Round Whitefish. Fish that is native to all of the Great Lakes except Lake Erie. It has a yellow-brown appearance and are commonly commercially fished.
10. A round window with a hinged watertight cover.
13. Gasoline or electrically operated, this unit could be used to fill the three large air storage tanks. An air supply was required to start the Kahlenberg engine, as well as to operate devices such as the power steering, net lifter engine and air horns.
14. Long rods with an identifying flag attached to the top marking the place where the gill nets were set so that the fishermen could find them again.
16. Location where fish were preserved by exposure to smoke to be sold as food at market.
17. Container filled with ice where commercial fishermen store their catch. (2 words)
19. A type of diesel engine made in Manitowoc, Wisconsin that powered many fish tugs on the Great Lakes.
22. Used to make nets and to repair tears and holes in them.
26. Fish that is silver and blue. They came from the Atlantic Ocean into the Great Lakes, and are an invasive species.
27. Machine used to help fishermen pull aboard gill nets full of fish.
28. The activity of repeatedly ramming ice with a boat to clear pathways for fish tugs to operate.
30. A 1945 gill net fish tug that operated for the Jensen Fishery in South Haven, Michigan.

## DOWN

2. Long, eel-like fish with sharp teeth that attach to its host. It is an invasive species.
5. Fish that is olive and grey colored with a white bottom. It has a long, pointed snout with four feelers underneath the snout.
7. Mollusk that has tan and blackish stripes, two connected shells, and they attach to hard surfaces. It is an invasive species. (Two words)
11. Fish that has two clear fins on its back, silver colored sides, and a greenish brown back. Large part of the Great Lakes commercial fishery.
12. Fish that is green with yellow sides and a white belly. They are a popular food for humans.
15. Metal plating that covers the outside of a fish tug to protect it from ice damage.
18. A species that is not native to a location, spreads out, and causes damage to the environment, human economy, or human health.
20. A 1939 gill net fish tug that is now a commercial fishing exhibit at the Michigan Maritime Museum.
21. Fishing net that was hung up and down, anchored to the bottom of the lake and held up with a buoy, and trapped fish by their gills. (2 words)
23. Fish that has light spots all over its body. They are a popular food for humans and sea lamprey.
24. Thin, grey fish that is popular with consumers as a smoked fish.
25. Large square devices used for winding gill nets for drying and mending. (2 words)
29. Also called Lake Herring. Small fish that was a significant part of the Great Lakes commercial fishing catch in the early 20th century.

# CROSSWORD ANSWER KEY

## ACROSS

1. Used in gill net fishing to hold the net up while it was underwater. **FLOAT**
3. Small, but long fish whose scales look like they have many colors, like a rainbow. They are used for both commercial and sport fishing. **SMELT**
4. The occupation or industry of catching, processing, and selling fish. **FISHERY**
6. Boat that fished long nets into the deep waters of the Great Lakes for large amounts of fish. **FISH TUG**
8. Fish that has raised frog-like eyes, thick lips, and a front fin that has a black spot. It is an invasive species. **GOBY**
9. Also called Round Whitefish. Fish that is native to all of the Great Lakes except Lake Erie. It has a yellow-brown appearance and are commonly commercially fished. **CISCO**
10. A round window with a hinged watertight cover. **PORTHOLE**
13. Gasoline or electrically operated, this unit could be used to fill the three large air storage tanks. An air supply was required to start the Kahlenberg engine, as well as to operate devices such as the power steering, net lifter engine and air horns. **COMPRESSOR**
14. Long rods with an identifying flag attached to the top marking the place where the gill nets were set so that the fishermen could find them again. **BUOY**
16. Location where fish were preserved by exposure to smoke to be sold as food at market. **SMOKEHOUSE**
17. Container filled with ice where commercial fishermen store their catch. **FISH BOX**
19. A type of diesel engine made in Manitowoc, Wisconsin that powered many fish tugs on the Great Lakes. **KAHLENBERG**
22. Used to make nets and to repair tears and holes in them. **SHUTTLE**
26. Fish that is silver and blue. They came from the Atlantic Ocean into the Great Lakes, and are an invasive species. **ALEWIFE**
27. Machine used to help fishermen pull aboard gill nets full of fish. **LIFTER**
28. The activity of repeatedly ramming ice with a boat to clear pathways for fish tugs to operate. **BUCKING**
30. A 1945 gill net fish tug that operated for the Jensen Fishery in South Haven, Michigan. **ELSIE J.**

## DOWN

2. Long, eel-like fish with sharp teeth that attach to its host. It is an invasive species. **LAMPREY**
5. Fish that is olive and grey colored with a white bottom. It has a long, pointed snout with four feelers underneath the snout. **STURGEON**
7. Mollusk that has tan and blackish stripes, two connected shells, and they attach to hard surfaces. It is an invasive species. **ZEBRA MUSSEL**
11. Fish that has two clear fins on its back, silver colored sides, and a greenish brown back. Large part of the Great Lakes commercial fishery. **WHITEFISH**
12. Fish that is green with yellow sides and a white belly. They are a popular food for humans. **PERCH**
15. Metal plating that covers the outside of a fish tug to protect it from ice damage. **SHEATHING**
18. A species that is not native to a location, spreads out, and causes damage to the environment, human economy, or human health. **INVASIVE**
20. A 1939 gill net fish tug that is now a commercial fishing exhibit at the Michigan Maritime Museum. **EVELYN S.**
21. Fishing net that was hung up and down, anchored to the bottom of the lake and held up with a buoy, and trapped fish by their gills. **GILL NET**
23. Fish that has light spots all over its body. They are a popular food for humans and sea lamprey. **TROUT**
24. Thin, grey fish that is popular with consumers as a smoked fish. **CHUB**
25. Large square devices used for winding gill nets for drying and mending. **NET REEL**
29. Also called Lake Herring. Small fish that was a significant part of the Great Lakes commercial fishing catch in the early 20th century. **MENOMINEE**