E.—THE GEOGRAPHICAL DISTRIBUTION OF FRESH-WATER FOOD-FISHES IN THE SEVERAL HYDROGRAPHIC BASINS OF THE UNITED STATES.

By David S. Jordan.

The following collection of partial faunal lists has been prepared for the purpose of indicating the number of species of fishes suitable for food occurring in the several hydrographic basins of the United States.

GEOGRAPHICAL LISTS OF THE INLAND FOOD-FISHES OF THE UNITED STATES.

24. THE GREAT LAKES.

Lota maculosa. Lawyer.
Haploidonotus grunniens. Sheep's-head.
Percina caprodes.
Perca americana. Yellow Perch. Perch.
Stizostedion canadense. Wall-eyed Pike.
Stizostedion vitreum. Sauger.
Roccus chrysops. White Bass.
Micropterus salmoides. Black Bass.
Micropterus dolomiei. Small-mouth Black Bass.
Pomoxys sparoides. Bar-fish.
Ambloplites rupestris. Rock Bass.
Chænobryttus antistius.
Lepomis cyanellus.
Lepomis pallidus.
Lepomis megalotis.
Lepomis gibbosus. Common Sunfish.
Esox nobilior. Muskellunge.
Esox lucius. Pike.
Esox vermiculatus.
Percopsis guttatus.
Coregonus quadrilateralis. Menomonee Whitefish.
Coregonus labradoricus.
Coregonus clupeiformis. Whitefish.
Coregonus Artedi. Lake Herring. Cisco.
Coregonus Hoyi. Cisco.
Coregonus nigripinnis. Blue-fin.
Coregonus tullibee.
Thymallus tricolor. Grayling.
Salvelinus namaycush. Lake Trout. Mackinaw Trout.
Salvelinus siscowet. Siscowet.
Salvelinus fontinalis. Brook Trout.
Hyodon tergisus. Moon-eye.
Clupea vernalis. Saw Belly.
Semotilus corporalis.
Nocomis biguttatus.
Notemigonus chrysoleucus.
Notropis megalops. Shiner.
Moxostoma carpio.
Moxostoma macrolepidotum. Red Horse.
Moxostoma aureolum. Mullet Sucker.
Moxostoma anisura.
Moxostoma velatum.
Minytrema melanops.
Erimyzon sucetta. Creek-fish.
Catostomus teres. Common Sucker.
Catostomus catostomus. Long-snouted Sucker.
Carpiodes cyprinus. Carp Sucker.
Ictalurus punctatus. Channel Cat.
Amiurus nigricans. Great Lake Catfish.

Amiurus natalis.
Amiurus vulgaris.
Amiurus nebulosus. Bull-head Catfish.
Amiurus melas. Bull-head.
Noturus flavus.
Anguilla rostrata. Eel.
Amia calva. Dogfish.
Lepidosteus platystomus. Gar Pike.
Lepidosteus osseus. Billfish. Gar Pike.
Acipenser rubicundus. Sturgeon.

25. THE LAKES OF MAINE.

Lota maculosa. Eel-pout.
Perca americana. Perch.
Lepomis auritus.
Lepomis gibbosus.
Coregonus labradoricus.
Salvelinus namaycush. Togue. Lunge.
Salvelinus oquassa. Blue-back Trout.
Notropis megalops.
Erimyzon sucetta.
Catostomus teres.
Amiurus nebulosus.

26. THE CONNECTICUT RIVER BASIN

Lota maculosa. Eel-pout.
Perca americana. Perch.
Lepomis auritus. Sunfish.
Lepomis gibbosus. Sunfish. Roach.
Esox reticulatus. Pickerel.
Esox americanus. Pickerel.
Salvelinus fontinalis. Trout.
Semotilus bullaris. Chub.
Notemigonus chrysoleucus. Shiner.
Notropis megalops. Dace.
Erimyzon sucetta. Sucker.
Catostomus teres. Sucker.
Amiurus catus. Bull-head.
Anguilla rostrata. Eel.

27. THE HUDSON RIVER BASIN.

Perca americana. Perch.
Lepomis auritus. Sunfish.
Lepomis gibbosus. Pumpkin Seed. Sunfish. Roach.
Esox reticulatus. Pickerel.
Esox americanus. Brook Pickerel.
Salvelinus fontinalis. Trout.
Exoglossum maxillingua.
Semotilus corporalis. Dace. Horned Dace.
Semotilus bullaris. Dace. Horned Dace.
Notemigonus chrysoleucus. Shiner.
Notropis megalops. Horned Dace.
Erimyzon sucetta. Sucker.
Catostomus teres. Sucker.
Amiurus catus. Bull-head.
Anguilla rostrata. Eel.
Acipenser oxyrhynchus. Sturgeon.

28. THE DELAWARE RIVER BASIN.

Perca americana. Perch.
Roccus lineatus. Rockfish.
Roccus americanus. White Perch.
Mesagonistius chætodon. Banded Sunfish.
Enneacanthus obesus. Spotted Sunfish.
Enneacanthus simulans.
Pomoxys sparoides. Goggle-eyed Perch.
Acantharchus pomotis. Mud Sunfish.
Lepomis auritus. River Sunfish. Ruddy Rudder. Black-eared Sunfish.
Lepomis pallidus. Blue Sunfish.
Lepomis gibbosus. Sunfish.
Micropterus Dolomiei. Black Bass.
Esox reticulatus. Pike.
Esox americanus. Ditch Pike.
Salvelinus fontinalis. Trout.
Semotilus corporalis. Chub.
Semotilus bullaris. Chub.
Notemigonus chrysoleucus. Roach.
Notropis megalops. Redfin.
Erimyzon sucetta. Mullet.
Catostomus teres. Sucker.
Amiurus albidus.
Amiurus nebulosus. Catfish.
Anguilla rostrata. Eel.
Lepidosteus osseus. Gar Pike.

29. THE SUSQUEHANNA RIVER BASIN.

Percina caprodes.
Perca americana. Perch.
Lepomis auritus. Pumpkin Seed.
Lepomis gibbosus. Pumpkin Seed.
Esox reticulatus. Pike.
Esox americanus. Pickerel.
Salvelinus fontinalis. Trout.
Semotilus corporalis. Chub.
Semotilus bullaris. Fall fish.
Nocomis biguttatus. Horned Dace.
Notemigonus chrysoleucus. Shiner.
Notropis megalops.
Exoglossum maxillingua. Cut-lips.
Erimyzon sucetta. Sucker.
Catostomus nigricans.
Catostomus teres.
Carpiodes cyprinus.
Amiurus albidus. Catfish.
Amiurus lophius. Catfish.
Amiurus nebulosus. Catfish.
Anguilla rostrata. Eel.
Lepidosteus osseus. Gar.

30. THE POTOMAC RIVER BASIN.

Percina caprodes.
Perca americana. Perch.
Pomoxys sparoides.
Lepomis auritus. Bream.
Lepomis gibbosus.
Esox reticulatus. Pike.
Esox americanus. Pickerel.
Salvelinus fontinalis. Trout.
Dorosoma Cepedianum. Mud Shad.
Carassius auratus. Gold-fish.
Semotilus corporalis.
Semotilus bullaris.
Nocomis biguttatus.
Notemigonus chrysoleucus. Shiner.
Notropis megalops.
Moxostoma macrolepidotum. Mullet Sucker.
Erimyzon sucetta.
Catostomus nigricans.
Catostomus teres.
Amiurus albidus. Catfish.
Amiurus catus. Catfish.
Amiurus lophius. Catfish.
Anguilla rostrata. Eel.
Lepidosteus osseus. Gar Pike.

31. THE NEUSE RIVER BASIN.

Perca americana.
Micropterus salmoides. Chub.
Centrarchus macropterus.
Pomoxys sparoides.
Pomoxys annularis.
Ambloplites rupestris.
Chænobryttus gulosus.
Acantharchus pomotis.
Lepomis auritus.
Lepomis gibbosus.
Esox reticulatus.
Esox americanus.
Salvelinus fontinalis. Trout.
Dorosoma Cepedianum.
Semotilus corporalis.
Nocomis biguttatus.
Notemigonus americanus.
Notropis megalops.
Moxostoma macrolepidotum.
Moxostoma crassilabre.
Moxostoma cervinum. Jump Rocks.
Moxostoma album.
Moxostoma velatum.
Moxostoma papillosum.
Erimyzon sucetta.
Catostomus teres.
Amiurus niveiventris.
Amiurus natalis.
Amiurus nebulosus.
Amiurus platycephalus.
Anguilla rostrata. Eel.
Amia calva. Grindle.

32. THE SANTEE RIVER BASIN.

Micropterus salmoides.
Centrarchus macropterus.
Pomoxys sparoides.
Chænobryttus gulosus.
Lepomis auritus.
Lepomis pallidus.
Lepomis gibbosus.
Esox reticulatus.
Esox americanus.
Salvelinus fontinalis.
Dorosoma Cepedianum.
Semotilus corporalis.
Nocomis biguttatus.
Notemigonus americanus.
Moxostoma cervinum.
Moxostoma album.
Moxostoma velatum.
Moxostoma coregonus.
Moxostoma papillosum.
Minytrema melanops.
Erimyzon sucetta.
Catostomus teres.
Amiurus platycephalus.
Amiurus brunneus.
Anguilla rostrata.
Amia calva.
Lepidosteus osseus.

33. THE SAVANNAH RIVER BASIN.

Micropterus salmoides.
Micropterus Dolomiei.
Centrarchus macropterus.
Pomoxys sparoides.
Chænobryttus gulosus.
Lepomis auritus.
Lepomis pallidus.
Lepomis megalotis.
Lepomis gibbosus.
Esox reticulatus.
Dorosoma Cepedianum.
Semotilus corporalis.
Notemigonus americanus.
Moxostoma cervinum.
Moxostoma papillosum.
Catostomus nigricans.
Catostomus teres.
Ictalurus punctatus.
Amiurus brunneus.
Anguilla rostrata.
Amia calva.
Lepidosteus osseus.

34. THE SAINT JOHN'S RIVER BASIN.

Micropterus salmoides. Trout.
Centrarchus macropterus.
Pomoxys sparoides. Speckled Perch.
Chænobryttus gulosus. Warmouth Perch.
Lepomis punctatus. Chinquapin Perch.
Lepomis auritus. Red-bellied Perch.
Lepomis pallidus. Copperhead Bream.
Lepomis Holbrooki.
Lepomis gibbosus. Bream.
Esox reticulatus. Jack.
Lepidosteus osseus. Gar Pike.
Dorosoma Cepedianum. Stink Shad.
Notemigonus americanus. Silver-fish.
Erimyzon Goodei. Sucker (Goode's Sucker).
Ictalurus punctatus. Channel Cat. Small-mouth Cat.
Amiurus nigricans.
Amiurus niveiventris.
Amiurus marmoratus.
Amiurus erebennus. Speckled Cat (Goode's Cat).
Anguilla rostrata. Eel.
Amia calva. Mudfish.

Many sea fish run up the river far above brackish water.

35. THE CHATTAHOOCHEE RIVER BASIN.

Micropterus salmoides.
Micropterus Dolomiei.
Centrarchus macropterus.
Pomoxys sparoides.
Ambloplites rupestris.
Chænobryttus gulosus.
Lepomis pallidus.
Lepomis megalotis.
Esox reticulatus.
Salvelinus fontinalis.
Hyodon selenops.
Clupea chrysochloris.
Dorosoma Cepedianum.
Nocomis biguttatus.
Moxostoma macrolepidotum.
Moxostoma cervinum.
Ictalurus punctatus.
Amiurus brunneus.
Anguilla rostrata.
Amia calva.
Lepidosteus osseus.

36. THE ALABAMA RIVER BASIN.

Haploidonotus grunniens. Drum.
Percina caprodes.
Stizostedion vitreum.
Micropterus salmoides. "Trout."
Micropterus Dolomiei.
Centrarchus macropterus.
Pomoxys sparoides.
Pomoxys annularis.
Ambloplites rupestris.
Chænobryttus gulosus.
Lepomis auritus.
Lepomis pallidus.
Lepomis megalotis.
Lepomis notatus.
Esox reticulatus.
Clupea chrysochloris.
Dorosoma Cepedianum.
Hyodon selenops.
Nocomis biguttatus.
Notemigonus chrysoleucus.
Notropis megalops.
Moxostoma macrolepidotum.
Moxostoma pœcilura.
Minytrema melanops.
Erimyzon sucetta.
Catostomus nigricans.
Catostomus teres.
Cycleptus elongatus.
Ictiobus cyprinella.
Ictiobus urus.
Ictiobus bubalus.
Ictalurus punctatus.
Amiurus natalis.
Anguilla rostrata.
Amia calva.
Lepidosteus platystomus.
Lepidosteus osseus.

37. THE MISSISSIPPI RIVER BASIN.

a. THE LOWER MISSISSIPPI.

Haploidonotus grunniens. Gaspergou.
Percina caprodes.
Stizostedion vitreum. "Salmon."
Roccus chrysops. White Bass.
Roccus interruptus. Yellow Bass.
Micropterus salmoides.
Micropterus Dolomiei.
Centrarchus macropterus.
Pomoxys sparoides.
Pomoxys annularis. Crappy. Sac-a-lai.
Ambloplites rupestris.
Chænobryttus gulosus. Warmouth.
Lepomis cyanellus.
Lepomis symmetricus.
Lepomis auritus.
Lepomis pallidus.
Lepomis megalotis.
Lepomis notatus.
Lepomis miniatus.
Esox vermiculatus.

Hyodon tergisus.
Hyodon selenops.
Clupea chrysochloris.
Dorosoma Cepedianum.
Semotilus corporalis.
Nocomis biguttatus.
Notemigonus chrysoleucus.
Notropis megalops.
Moxostoma macrolepidotum.
Moxostoma pœcilura.
Moxostoma velatum.
Minytrema melanops.
Erimyzon sucetta.
Catostomus nigricans.
Catostomus teres.
Cycleptus elongatus.
Ictiobus cyprinella.
Ictiobus urus.
Ictiobus bubalus.
Carpiodes carpio.
Carpiodes cyprinus.
Ictalurus furcatus.
Ictalurus punctatus.
Ictalurus ponderosus.
Amiurus nigricans.
Amiurus natalis.
Amiurus nebulosus.
Amiurus marmoratus.
Amiurus vulgaris.
Amiurus melas.
Leptops olivaris.
Noturus flavus.
Anguilla rostrata.
Amia calva. Johnny-grindle.
Lepidosteus spatula. Alligator Gar.
Lepidosteus platystomus. Duck-bill Gar.
Lepidosteus osseus. Long-nosed Gar.
Polyodon spathula. Paddle-fish.
Scaphirhynchops platyrhynchus. Shovel-nose Sturgeon.
Acipenser rubicundus. Sturgeon.

b. THE UPPER MISSISSIPPI.

Lota maculosa. Ling.
Haploidonotus grunniens. Sheep's-head. White Perch. Black Perch. Drum.
Percina caprodes.
Perca americana. Yellow Perch. Ringed Perch.
Stizostedion canadense.
Stizostedion vitreum. Salmon. Wall-eye Pike.
Roccus chrysops. White Bass.
Roccus interruptus. Yellow Bass.
Micropterus salmoides. Black Bass.
Micropterus Dolomiei. Black Bass.
Pomoxys sparoides. Calico Bass. Tin-mouth.
Pomoxys annularis. Crappy.
Ambloplites rupestris. Goggle Eye.
Chænobryttus antistius. Bigmouth Sunfish.
Lepomis cyanellus.
Lepomis pallidus. Common Sunfish.
Lepomis megalotis. Long-ear Sunfish.
Lepomis gibbosus. Yellow Sunfish. Spotted Sunfish.
Esox nobilior. Muskellunge.
Esox lucius. Pike. Pickerel.
Esox vermiculatus.
Umbra limi. Bastard Dogfish.
Percopsis guttatus.
Coregonus Artedi. Cisco.
Salvelinus fontinalis. Trout.
Hyodon alosoides.
Hyodon tergisus. Moon Eye. Toothed Herring.
Clupea chrysochloris. Skipjack.
Clupea sapidissima. Shad.
Dorosoma Cepedianum. Hickory Shad. Gizzard Shad.
Semotilus corporalis. Chub.
Nocomis biguttatus. Horny-head.
Notemigonus chrysoleucus.
Notropis megalops. Shiner.
Quassilabia lacera. Hare-lip Sucker.
Placopharanx carinatus.
Moxostoma macrolepidotum. Red Horse.
Moxostoma aureolum.
Moxostoma velatum.
Minytrema melanops. Spotted Sucker.
Erimyzon sucetta. Sweet Sucker.
Catostomus nigricans. Hog Sucker.
Catostomus teres. White Sucker.
Catostomus catostomus.
Cycleptus elongatus. Missouri Sucker. Blue-fish.

Carpiodes cyprinus. Spear Back. Quill Back.
Carpiodes carpio. White Carp. Carp Sucker.
Ictiobus bubalus. Stub Nose. Sucker Mouth. River Buffalo. Black Carp. Slough Buffalo. Buffalo fish.
Ictiobus urus. Stub Nose. Sucker Mouth. River Buffalo. Black Carp. Slough Buffalo. Mongrel Buffalo.
Ictiobus cyprinella. Stub Nose. Sucker Mouth. River Buffalo. Black Carp. Slough Buffalo. Red-mouth Buffalo.
Ictalurus furcatus. Chuckle-head Cat.
Ictalurus punctatus. Channel Cat.
Amiurus ponderosus. Big Cat.
Amiurus natalis.
Amiurus vulgaris.
Amiurus nebulosus. Cat-fish. Eastern Bull-pout. Bullpout.
Amiurus nigricans. Mississippi Cat. Blue-Cat. Fulton Cat.
Amiurus melas.
Leptopsolivaris. Yellow Cat. Goujon. Bashaw.
Noturus flavus. Stone Cat.
Anguilla rostrata. Eel.
Amia calva. Dogfish.
Lepidosteus spatula. Alligator Gar. Duck Bill.
Lepidosteus platystomus. Short-nose Gar.
Lepidosteus osseus. Long-nose Gar. Billy Gar.
Polyodon spatula. Spoon Bill. Paddle-fish. Duck-bill Cat.
Scaphirhynchops platyrhynchus. White Sturgeon. Shovel-nose Sturgeon.
Acipenser rubicundus. Black Sturgeon. Stone Sturgeon.

c. THE OHIO RIVER.

Haploidonotus grunniens.
Percina caprodes.
Stizostedion canadense.
Stizostedion vitreum. Black Salmon. White Salmon.
Roccus chrysops. White Bass. Bachelor Perch.
Micropterus salmoides. Black Bass. Green Bass.
Micropeterus Dolomiei. Black Bass.
Pomoxys sparoides.
Pomoxys annularis.
Ambloplites rupestris. Rock Bass. Goggle Eye. Red eye.
Lepomis cyanellus. Sunfish.
Lepomis pallidus. Sunfish.
Lepomis megalotis. Sunfish.
Esox vermiculatus.
Salvelinus fontinalis.
Hyodon alosoides.
Hyodon tergisus. Tooth Herring.
Clupea sapidissima. Sea Shad. Potomac Shad.
Clupea chrysochloris. Skipjack. Ohio Herring.
Dorosoma Cepedianum. Hickory Shad.
Semotilus corporalis. Chub. Silversides.
Nocomis biguttatus. Horned Chub.
Notemigonus chrysoleucus.
Notropis megalops.
Quassilabia lacera.
Placopharanx carinatus.
Moxostoma carpio. Red Horse.
Moxostoma macrolepidotum. Red Horse.
Moxostoma aureolum. Mullet.
Moxostoma anisura.
Moxostoma velatum.
Minytrema melanops.
Erimyzon sucetta. Sucker.
Catostomus nigricans. Sucker.
Catostomus teres. Sucker.
Cycleptus elongatus. Missouri Sucker. Gourd-seed Sucker.
Carpiodes cyprinus. Carp Sucker. Quill-back.
Carpiodes carpio. Carp Sucker.
Ictiobus cyprinella. Red-mouth Buffalo.
Ictiobus urus. Mongrel Buffalo.
Ictiobus bubalus. Buffalo.
Ictalurus furcatus.
Ictalurus punctatus. Blue or Channel Cat.
Amiurus nigricans. Mississippi Cat.
Amiurus natalis. Yellow Cat.
Amiurus nebulosus. Bull-head Cat.

Amiurus xanthocephalus.
Amiurus melas.
Leptops olivaris. Mud Cat.
Noturus flavus.
Anguilla rostrata. Black Eel. Yellow Eel.
Amia calva.
Lepidosteus platystomus. Short-nose Gar-fish.
Lepidosteus osseus. Gar Pike.
Polyodon spatula. Spoon-bill Cat.
Scaphirhynchops platyrhynchus. Shovel-nose Sturgeon.
Acipenser rubicundus. Red Sturgeon.

d. THE MISSOURI RIVER.

Lota maculosa.
Haploidonotus grunniens.
Percina caprodes.
Stizostedion canadense.
Stizostedion vitreum.
Roccus chrysops.
Micropterus salmoides.
Micropterus Dolomiei.
Pomoxys sparoides.
Pomoxys annularis.
Ambloplites rupestris.
Lepomis cyanellus.
Lepomis pallidus.
Lepomis megalotis.
Esox lucius.
Percopsis guttatus.
Thymallus tricolor.
Salmo purpuratus.
Hyodon alosoides.
Hyodon tergisus.
Dorosoma Cepedianum.
Semotilus corporalis.
Platygobio gracilis.
Nocomis biguttatus.
Notemigonus chrysoleucus.
Notropis megalops.
Moxostoma macrolepidotum.
Moxostoma aureolum.
Minytrema melanops.
Erimyzon sucetta.
Catostomus nigricans.
Catostomus teres.
Catostomus retropinnis.
Catostomus catostomus.
Cycleptus elongatus.
Carpiodes cyprinus.
Ictiobus cyprinella.
Ictiobus urus.
Ictiobus bubalus.
Ictalurus punctatus.
Amiurus nigricans.
Amiurus natalis.
Amiurus melas.
Leptops olivaris.
Noturus flavus.
Anguilla rostrata.
Amia calva.
Lepidosteus platystomus.
Lepidosteus osseus.
Polyodon spatula.
Scaphirhynchops platyrhynchus.
Acipenser rubicundus.

38. THE RIO GRANDE BASIN.

Haploidonotus grunniens.
Percina caprodes.
Micropterus salmoides.
Lepomis cyanellus.
Lepomis pallidus.
Lepomis megalotis.
Salmo spilurus.
Dorosoma Cepedianum.
Notemigonus chrysoleucus.
Squalius atrarius.
Squalius pandora.
Moxostoma albidum.
Minytrema melanops.
Erimyzon sucetta.
Pantosteus generosus.
Carpiodes cyprinus.
Ictalurus furcatus.
Ictalurus punctatus.
Amiurus lupus.
Amiurus natalis.
Anguilla rostrata.
Lepidosteus osseus.
Scaphirhynchops platyrhynchus.

39. THE COLORADO RIVER BASIN.

Salmo purpuratus.
Salmo spilurus.
Platygobio gracilis.
Squalius atrarius.
Squalius niger.
Gila robusta.
Gila Grahami.
Gila elegans.
Ptychochilus lucius.
Moxostoma macrolepidotum.
Catostomus Clarki.
Catostomus insignis.
Catostomus cypho.
Catostomus latipinnis.
Catostomus discobolus.
Pantosteus generosus.

40. THE SACRAMENTO RIVER BASIN.

Archoplites interruptus.
Hysterocarpus Traski.
Salmo irideus.
Salmo Gairdneri.
Salvelinus malma.
Mylopharodon conocephalus.
Mylochilus caurinus.
Pogonichthys macrolepidotus.
Squalius gibbosus.
Ptychochilus oregonensis.
Ptychochilus Harfordi.
Lavinia exilicauda.
Orthodon microlepidotus.
Catostomus occidentalis.

41. THE COLUMBIA RIVER BASIN.

Coregonus Williamsoni.
Salmo Gairdneri.
Salmo purpuratus.
Salvelinus malma.
Mylochilus caurinus.
Richardsonius balteatus.
Ptychochilus oregonensis.
Acrochilus alutaceus.
Catostomus macrochilus.
Catostomus discobolus.

42. THE SALT LAKE BASIN.

Coregonus Williamsoni.
Salmo purpuratus.
Salmo spilurus.
Platygobio gracilis.
Squalius atrarius.
Squalius rhomaleus.
Chasmistes liorus.
Catostomus fecundus.
Catostomus ardens.
Pantosteus generosus.

43. TABLE SHOWING THE GEOGRAPHICAL DISTRIBUTION OF THE RIVER FOOD-FISHES.

	The Great Lakes.	The lakes of Maine.	Connecticut.	Hudson.	Delaware.	Susquehanna.	Potomac.	Neuse.	Santee.	Savannah.	Saint John's	Chattahoochee.	Alabama.	Lower Mississippi.	Rio Grande.	Ohio.	Upper Mississippi.	Missouri.	Salt Lake Basin.	Colorado.	Sacramento.	Columbia.
Lota maculosa	×		×													×	×	×				
Haploidonotus grunniens	×												×	×	×	×	×	×				
Percina caprodes	×					×	×						×	×	×	×	×	×				
Perca americana	×	×	×	×	×	×	×	×									×					
Stizostedion canadense	×															×	×	×				
" vitreum	×												×	×		×	×	×				
Roccus chrysops	×													×		×	×	×				
" interruptus														×			×					

Table showing the geographical distribution of the river food-fishes—Continued.

	The Great Lakes.	The lakes of Maine.	Connecticut.	Hudson.	Delaware.	Susquehanna.	Potomac.	Neuse.	Santee.	Savannah.	Saint John's.	Chattahoochee.	Alabama.	Lower Mississippi.	Rio Grande.	Ohio.	Upper Mississippi.	Missouri.	Salt Lake Basin.	Colorado.	Sacramento.	Columbia.
Micropterus salmoides	×							×	×	×	×	×	×	×	×	×	×	×				
" Dolomici	×									×		×	×	×		×	×	×				
Centrarchus macropterus								×	×	×	×	×	×	×								
Pomoxys sparoides	×				×		×	×	×	×	×	×	×	×		×	×	×				
" annularis								×					×			×	×	×				
Archoplites interruptus																					×	
Ambloplites rupestris	×							×				×	×	×		×	×	×				
Chænobryttus gulosus								×	×	×	×	×	×	×								
" antistius	×																×					
Acantharchus pomotis					×			×														
Lepomis cyanellus	×													×	×	×	×	×				
" *punctatus*											×			×								
" miniatus														×								
" auritus		×	×	×	×	×	×	×	×	×	×	×	×	×								
" pallidus	×				×				×	×	×	×	×	×	×	×	×	×				
" megalotis	×									×		×	×	×	×	×	×	×				
" Holbrooki											×											
" notatus													×	×								
" gibbosus	×	×	×	×	×	×	×	×	×	×	×						×					
Hysterocarpus Traski																					×	
Esox nobilior	×																×					
" lucius	×																×	×				
" reticulatus			×	×	×	×	×	×	×	×	×	×	×									
" vermiculatus	×													×		×	×	×				
" americanus			×	×	×	×	×	×	×													
Percopsis guttatus	×																×	×				
Coregonus quadrilateralis	×	×																				
" labradericus	×	×																				
" clupeiformis	×																					
" Williamsoni																			×			×
" Artedi	×																×					
" Hoyi	×																					
" nigripinnis	×																					
" tullibee	×																					
Thymallus tricolor	×																	×				
Salmo irideus																					×	×
" Gairdneri																					×	×
" purpuratus																		×	×	×		×
" spilurus															×				×	×		
Salvelinus namaycush	×	×																				
" siscowet	×																					
" malma																					×	×
" *fontinalis*	×	×	×	×	×	×	×	×	×			×				×	×					
" oquassa		×																				
Hyodon alosoides																×	×	×				
" tergisus	×													×		×	×	×				
" selenops												×		×								
Clupea chrysochloris													×	×		×	×					
Dorosoma Cepedianum	×						×	×	×	×	×	×	×	×	×	×	×	×				
Mylopharodon conocephalus																					×	
Mylochilus caurinus																					×	×
Pogonichthys macrolepidotus																					×	
Semotilus corporalis	×			×	×	×	×	×	×	×			×	×		×	×	×				
" bullaris			×	×	×	×	×															
Platygobio gracilis																			×	×		
Nocomis biguttatus	×					×	×	×	×			×	×	×		×	×	×				
Richardsonius balteatus																						×
Notemigonus chrysoleucus	×		×	×	×	×	×						×	×	×	×	×	×				

Table showing the geographical distribution of the river food-fishes—Continued.

	The Great Lakes.	The lakes of Maine.	Connecticut.	Hudson.	Delaware.	Susquehanna.	Potomac.	Nense.	Santee.	Savannah.	Saint John's.	Chattahoochee.	Alabama.	Lower Mississippi.	Rio Grande.	Ohio.	Upper Mississippi.	Missouri.	Salt Lake Basin.	Colorado.	Sacramento.	Columbia.
Notemigonus americanus								×	×	×	×											
Squalius gibbosus																					×	
" atrarius																			×			
" thomaleus																			×			
" niger																				×		
" pandora															×							
Gila robusta																				×		
" Grahami																				×		
" elegans																				×		
Ptychochilus oregonensis																					×	×
" Harfordi																					×	
" lucius																				×		
Notropis megalops	×	×	×	×	×	×	×	×					×	×		×	×	×				
Notropis Storerianus	×																					
Exoglossum maxillingua				×			×															
Laviuia exilicauda																					×	
Orthodon microlepidotus																					×	
Acrochilus alutaceus																×	×					×
Quassilabia lacera																×	×					
Placopharanx carinatus																×	×					
Moroctoma carpio	×															×	×					
" macrolepidotum	×						×	×				×	×	×		×	×	×		×		
" aureolum	×															×	×					
" crassilabre								×						×	×							
" anisura																×						
" pœcilura													×	×								
" albidum															×							
" cervinum								×	×	×												
" album								×	×													
" velatum	×							×	×					×		×	×					
" coregonus									×													
" papillosum								×	×	×									×			
Minytrema melanops	×								×				×	×		×	×					
Erimyzon sucetta	×	×	×	×	×	×	×	×	×	×			×	×	×	×	×	×				
" Goodei									×						×							
Chasmistes liorus																			×			
Catostomus nigricans						×	×			×			×			×	×	×				
" Clarki																				×		
" insignis																				×		
" cypho																				×		
" fecundus																			×			
" teres	×	×	×	×	×	×	×	×	×	×			×	×		×	×	×				
" ardens																			×			
" macrochilus																						×
" occidentalis																					×	
" catostomus	×																×	×				
" retropinnis																		×				
" latipinnis																				×		
" discobolus																				×		×
Pantosteus generosus															×				×	×		
Cycleptus elongatus													×	×	×	×	×	×				
Carpiodes cyprinus	×					×									×	×	×	×				
" carpio																×	×					
Ictiobus bubalus													×	×		×	×	×				
" urus													×	×		×	×	×				
" cyprinella													×	×		×	×	×				
Ictalurus furcatus														×	×	×	×					
" punctatus	×									×	×	×	×	×	×	×	×	×				

Table showing the geographical distribution of the river food-fishes—Continued.

	The Great Lakes.	The lakes of Maine.	Connecticut.	Hudson.	Delaware.	Susquehanna.	Potomac.	Neuse.	Santee.	Savannah.	Saint John's.	Chattahoochee.	Alabama.	Lower Mississippi.	Rio Grande.	Ohio.	Upper Mississippi.	Missouri.	Salt Lake Basin.	Colorado.	Sacramento.	Columbia.
Amiurus lupus															×							
niveiventris								×			×											
albidus					×	×	×															
lophius						×	×															
ponderosus														×			×					
nigricans	×										×			×		×	×	×				
erebennus											×											
natalis	×							×					×	×	×	×	×	×				
vulgaris	×													×			×					
nebulosis	×	×	×	×	×	×	×	×								×	×					
xanthocephalus																×						
melas	×													×		×	×	×				
platycephalus								×	×													
brunneus									×	×		×										
Leptops olivaris														×		×	×	×				
Noturus flavus	×													×		×	×	×				
Anguilla rostrata	×		×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×				
Amia calva	×							×	×	×	×	×	×	×		×	×	×				
Lepidosteus spatula														×								
platystomus	×												×	×		×	×	×				
osseus	×				×	×	×		×	×	×	×	×	×	×	×	×	×				
Polyedon spathula														×		×	×	×				
Scaphirhynchops platyrhynchus														×	×	×	×	×				
Acipenser rubicundus	×													×		×	×	×				