

CHAPTER 89
AQUACULTURE

571—89.1(481A) Approved aquaculture species. The following approved aquaculture species may be propagated and sold:

FISH

Common Name	Scientific Name
American Eel	Anguilla rostrata
Banded Darter	Etheostoma zonale
Banded Killifish	Fundulus diaphanus
Bigmouth Buffalo	Ictiobus cyprinellus
Bigmouth Shiner	Ericymba Notropis dorsalis
Black Buffalo	Ictiobus niger
Black Bullhead	Ameiurus Ictalurus melas
Black Crappie	Pomoxis nigromaculatus
Blackchin Shiner	Miniellus Notropis heterodon
Blacknose Dace	Rhinichthys atratulus
Blackside Darter	Percina maculata
Blackstripe Topminnow	Fundulus notatus
Blue Catfish	Ictalurus furcatus
Blue Sucker	Cycleptus elongatus
Bluegill & Hybrids	Lepomis macrochirus
Bluntnose Minnow	Pimephales notatus
Bowfin	Amia calva
Brassy Minnow	Hybognathus hankinsoni
Brook Silverside	Labidesthes sicculus
Brook Stickleback	Culaea inconstans
Brook Trout	Salvelinus fontinalis
Brown Bullhead	Ameiurus Ictalurus nebulosus
Brown Trout	Salmo trutta
Bullhead Minnow	Pimephales vigilax
Central Mudminnow	Umbra limi
Central Stoneroller	Campostoma anomalum
Channel Catfish	Ictalurus punctatus
Common Carp	Cyprinus carpio
Common Shiner	Luxilus Notropis cornutus
Creek Chub	Semotilus atromaculatus
Crystal Darter	Crystallaria Ammocrypta asprella
Emerald Shiner	Notropis atherinoides
Fantail Darter	Etheostoma flabellare

Common Name	Scientific Name
Fathead Minnow & Hybrids	Pimephales promelas
Flathead Catfish	Pylodictius olivaris
Flathead Chub	Platygobiohybopsis gracilis
Freshwater Drum	Aplodinotus grunniens
Ghost Shiner	ParanotropisNotropis buchanani
Gilt Darter	Percina evides
Gizzard Shad	Dorosoma cepedianum
Golden Redhorse	Moxostoma erythrurum
Golden Shiner	Notemigonus crysoleucas
Goldeye	Hiodon alosoides
Goldfish	Carassius auratus
Grass Carp	Ctenopharyngodon idella
Gravel Chub	ErimystaxHybopsis x-punctatusa
Greater Redhorse	Moxostoma valenciennesi
Green Sunfish	Lepomis cyanellus
Highfin Carpsucker	Carpiodes velifer
Horn ey head Chub	Nocomis biguttatus
Iowa Darter	Etheostoma exile
Ironcolor Shiner	AlburnopsNotropis chalybaeus
Johnny Darter	Etheostoma nigrum
Lake Chub	Couesius plumbeus
Largemouth Bass	Micropterus salmoides
Largescale Stoneroller	Camptostoma oligolepis
Longear Sunfish	Lepomis megalotis
Longnose Dace	Rhinichthys cataractae
Longnose Gar	Lepisosteus osseus
Mimic Shiner	ParanNotropis volucellus
Mississippi Silvery Minnow	Hybognathus nuchalis
Mooneye	Hiodon tergisus
Western Mosquitofish	Gambusia affinis
Mottled Sculpin	Cottus bairdii
Mud Darter	Etheostoma asprigene
Muskellunge & Hybrids	Esox masquinongy
Northern Hog Sucker	Hypentelium nigricans
Northern Logperch	Percina caprodes
Northern Pike	Esox lucius
Northern Rock Bass	Ambloplites rupestris
Orangespotted Sunfish	Lepomis humilis

Commented [M51]: Grass Carp official common name

Common Name	Scientific Name
Ozark Minnow	Miniellus Notropis nubilus
Pallid Shiner	Hybopsis Notropis amnis
Pirate Perch	Aphredoderus sayanus
Plains Minnow	Hybognathus placitus
Plains Topminnow	Fundulus sciadicus
Pugnose Minnow	Opsopoeodus Notropis emiliae
Pumpkinseed	Lepomis gibbosus
Quillback Carp sucker	Carpiodes cyprinus
Rainbow Darter	Etheostoma caeruleum
Rainbow Smelt	Osmerus mordax
Rainbow Trout	Oncorhynchus mykiss
Red Shiner	Cyprinella Notropis lutrensis
Redear Sunfish & Hybrids	Lepomis microlophus
Redfin Shiner	Lythrurus Notropis umbratilis
Redside Dace	Clinostomus elongatus
River Carpsucker	Carpiodes carpio
River Darter	Percina shumardi
River Redhorse	Moxostoma carinatum
River Shiner	Alburnops Notropis blennioides
Rosyface Shiner	Notropis rubellus
Sand Shiner	Notropis Miniellus stramineus
Sauger & Hybrids	Sander Perca canadensis
Shorthead Redhorse	Moxostoma macrolepidotum
Shortnose Gar	Lepisosteus platostomus
Shovelnose Sturgeon	Scaphirhynchus platyrhynchus
Sicklefin Chub	Macrhybopsis Hybopsis meeki
Silver Chub	Macrhybopsis Hybopsis storeriana
Silver Lamprey	Ichthyomyzon unicuspis
Silver Redhorse	Moxostoma anisurum
Silverband Shiner	Parachanna Notropis shumardi
Skipjack Herring	Alosa chrysochloris
Slender Madtom	Noturus exilis
Slenderhead Darter	Percina phoxocephala
Slimy Sculpin	Cottus cognatus
Smallmouth Bass	Micropterus dolomieu
Smallmouth Buffalo	Ictiobus bubalus
Southern Redbelly Dace	Chrosomus Phoxinus erythrogaster
Speckled Chub	Macrhybopsis Hybopsis aestivalis

Common Name	Scientific Name
Spotfin Shiner	Cyprinella Notropis spiloptera us
Spottail Shiner	Hudsonius Notropis hudsonius
Spotted Bass	Micropterus punctul e atus
Spotted Sucker	Minytrema melanops
Starhead Topminnow	Fundulus dispar motti
Stone C at	Noturus flavus
Striped Bass & Hybrids	Morone saxatilis
Sturgeon Chub	Macrhy Hybopsis gelida
Suckermouth Minnow	Phenacobius mirabilis
Tadpole Madtom	Noturus gyrinus
Topeka Shiner	Miniellus Notropis topeka
Trout- P erch	Percopsis omiscomaycus
Walleye & Hybrids	Sander izostedion vitreus eum
Warmouth	Lepomis gulosus
Western Silvery Minnow	Hybognathus argyritis
White Amur	Ctenopharyngodon idella
White Bass & Hybrids	Morone chrysops
White Crappie	Pomoxis annularis
White Sucker	Catostomus commersonii
Yellow Bass	Morone mississippiensis
Yellow Bullhead	Ameiurus Ictalurus natalis
Yellow Perch	Perca flavescens

Commented [MS2]: Grass Carp official common name

AMPHIBIANS

Common Name	Scientific Name
Bullfrog	Lithobates Rana catesbeiana sana
Leopard Frog	Lithobates Rana pipiens

REPTILES

Common Name	Scientific Name
Common Snapping Turtle	Chelydra serpentina serpentina serpentina
Painted Turtle	Chrysemys picta
Smooth Softshell	Apalone Trionyx mutica us

571—89.2(481A) Importation permit. An importation permit is required to receive, propagate or sell in the state any aquaculture species not listed in subrule 89.1(1). In addition, aquaculture units shall not import live fish, viable eggs, or semen of any species of the salmonid family (trout, salmon or char) and ictalurid family (catfishes and bullheads), unless the owner or operator possesses a fish importation permit. Importation permits may be applied for on forms provided by the department.

571—89.3(481A) Disease-free certification. Importation permits will not be issued for live fish, viable eggs, or semen of any species of the salmonid family (trout, salmon or char) unless the owner or operator of an aquaculture unit provides a statement certifying the fish, eggs or semen to be free of the following diseases:

89.3(1) *Diseases detrimental to the state's fishery resources.*

Viral Hemorrhagic Septicemia (VHS)
Infectious Pancreatic Necrosis (IPN)
Whirling Disease (*Myxosoma cerebralis*)
Infectious Hematopoietic Necrosis (IHN)
Ceratomyxosis (*Ceratomyxa shasta*)
Bacterial Kidney Disease (*R. salmoninarum*)
Proliferative Kidney Disease (PKD)
Enteric Redmouth (*Yersinia ruckeri*)
Vibriosis (*vibrio* sp.)

89.3(2) *Reportable diseases.* Reportable diseases are detrimental to individual aquaculture units and may be detrimental to wild fish populations. Reportable diseases are Enteric Septicemia of Catfish (*Edwardsiella ictaluri*) (ESC), Channel Catfish Virus Disease (CCVD) and Furunculosis (*Aeromonas salmonicida*). Disease certification statements are required for the diseases prior to importation of any live fish, viable eggs, or semen of any species of the Ictalurid (catfishes and bullheads) and Salmonid (trout, salmon and char) families. Importation permits will be considered on a case-by-case basis for fish with reportable diseases.

89.3(3) *Certified pathologists for inspection.* All disease certification statements must be issued by approved certified pathologists. A list of approved certified pathologists will be made available to the owner or operator of the aquaculture unit requesting a fish importation permit.

These rules are intended to implement Iowa Code sections 481A.142 and 481A.143.

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