

Invasive Aquatic Animals of Greatest Concern to Pennsylvania

Threat Category:

- Potential: Not yet found in Pennsylvania, but considered a potential threat.
- Emerging: Has been detected in some locations, with risk of spreading.
- Established: Widely established in Pennsylvania.

Score: A composite score from 0-80 reflecting the potential invasiveness of a species and its economic, environmental, and human health impacts using a modified [Generic Impact Scoring System for invasive species](#). The scoring system was modified to include an assessment of invasive potential. Species without scores have yet to be evaluated.

*Native to some parts of Pennsylvania.

Common Name	Scientific Name	Threat Category	PA Fish and Boat Commission Status	Score
Bloody-red Shrimp	<i>Hemimysis anomala</i>	Emerging		28
Chinese Mysterysnail	<i>Cipangopaludina chinensis</i>	Emerging		29
Fishhook Waterflea	<i>Cercopagis pengoi</i>	Emerging		
Freshwater Tubenose Goby	<i>Proterorhinus semilunaris</i>	Emerging	Banned	26
Goldfish	<i>Carassius auratus</i>	Emerging		29
Grass Carp	<i>Ctenopharyngodon idella</i>	Emerging	Regulated	32
Japanese Mysterysnail	<i>Cipangopaludina japonica</i>	Emerging		29
Mud Bithynia (Faucet Snail)	<i>Bithynia tentaculata</i>	Emerging		27
New Zealand Mudsnavl	<i>Potamopyrgus antipodarum</i>	Emerging		39
Northern Snakehead	<i>Channa argus</i>	Emerging	Banned	41
Oriental Weatherfish (Pond Loach)	<i>Misgurnus anguillicaudatus</i>	Emerging		26
Quagga Mussel	<i>Dreissena bugensis</i>	Emerging	Banned	42
Rainbow Smelt	<i>Osmerus mordax</i>	Emerging		23
Red Swamp Crayfish	<i>Procambarus clarkii</i>	Emerging	Banned	53
Red-eared Slider	<i>Trachemys scripta elegans</i>	Emerging		25
Round Goby	<i>Neogobius melanostomus</i>	Emerging	Banned	39
Rudd	<i>Scardinius erythrophthalmus</i>	Emerging	Banned	26
Rusty Crayfish	<i>Faxonius rusticus</i>	Emerging	Banned	51
Scud	<i>Apocorophium lacustre</i>	Emerging		
Scud; Amphipod; A Euryhaline Amphipod	<i>Echinogammarus ischnus</i>	Emerging		
Spiny Waterflea	<i>Bythotrephes longimanus</i>	Emerging		
Virile Crayfish	<i>Faxonius virilis</i>	Emerging	Banned	
Water Flea; a Cladoceran	<i>Bosmina coregoni</i>	Emerging		29
Western Mosquitofish	<i>Gambusia affinis</i>	Emerging		
Yellow-bellied Slider	<i>Trachemys scripta scripta</i>	Emerging		
Zebra Mussel	<i>Dreissena polymorpha</i>	Emerging	Banned	52
Flathead Catfish	<i>Pylodictis olivaris</i>	Emerging*		
White Perch	<i>Morone Americana</i>	Emerging*		
White River Crayfish	<i>Procambarus acutus</i>	Emerging*	Banned	
Asiatic Clam	<i>Corbicula fluminea</i>	Established		34

Common Carp	<i>Cyprinus carpio</i>	Established		
Alewife	<i>Alosa pseudoharengus</i>	Established*		
Allegheny Crayfish	<i>Faxonius obscurus</i>	Established*	Banned	37
Sea Lamprey	<i>Petromyzon marinus</i>	Established*		
 African Clawed Frog	<i>Xenopus laevis</i>	Potential		
Banded Mysterysnail	<i>Viviparus georgianus</i>	Potential		
Big-eared Radix	<i>Radix auricularia</i>	Potential		
Bighead Carp	<i>Hypophthalmichthys nobilis</i>	Potential	Banned	46
Black Carp	<i>Mylopharyngodon piceus</i>	Potential	Banned	39
Blotched Snakehead	<i>Channa maculata</i>	Potential	Banned	
Blue Tilapia	<i>Oreochromis aureus</i>	Potential	Regulated	
Calico Crayfish	<i>Faxonius immunis</i>	Potential	Banned	
Carter's Moss Animal	<i>Lophopodella carteri</i>	Potential		
Chinese Pond Mussel	<i>Sinanodonta woodiana</i>	Potential		34
European Fingernailclam	<i>Sphaerium corneum</i>	Potential		
European Stream Valvata	<i>Valvata piscinalis</i>	Potential		
Giant Snakehead	<i>Channa micropeltes</i>	Potential	Banned	
Golden Mussel	<i>Limnoperna fortunei</i>	Potential		
Greater European Peaclam	<i>Pisidium amnicum</i>	Potential		
Ide	<i>Leuciscus idus</i>	Potential		
Marbled crayfish	<i>Procambarus fallax f. virginalis</i>	Potential	Banned	
Pink Salmon	<i>Oncorhynchus gorbuscha</i>	Potential		
Red Shiner	<i>Cyprinella lutrensis</i>	Potential		
Redbelly Tilapia	<i>Tilapia zillii</i>	Potential	Regulated	
Ruffe	<i>Gymnocephalus cernuus</i>	Potential	Banned	37
Silver Carp	<i>Hypophthalmichthys molitrix</i>	Potential	Banned	44
Blue Catfish	<i>Ictalurus furcatus</i>	Potential*		
Alabama Bass	<i>Micropterus henshalli</i>	Potential		