APPENDIX A. LIST OF NONINDIGENOUS SPECIES THAT HAVE BEEN REPORTED AS OCCURRING IN THE GREAT LAKES

Year of Invasion	Species	Common Name	Type	Endemic Region	Location of First Sighting	Vector
1840	*Rumex obtusifolius*	bitter dock	Plant	Eurasia	Widespread	Unknown
1843	*Echinochloa crusgalli*	barnyard grass	Plant	Eurasia	Widespread	Release (deliberate)
1843	*Solanum dulcamara*	bittersweet nightshade	Plant	Eurasia	Widespread	Release (deliberate)
1843	*Mentha piperita*	peppermint	Plant	Eurasia	Widespread	Release (deliberate)
1843	*Conium maculatum*	poison hemlock	Plant	Eurasia	Widespread	Release (deliberate)
1843	*Poa trivalis*	rough-stalked meadow grass	Plant	Eurasia	Widespread	Release (deliberate)
1843	*Mentha spicata*	spearmint	Plant	Eurasia	Widespread	Release (deliberate)
1843	*Polygonum persicaria*	lady's thumb	Plant	Eurasia	Widespread	Unknown
1847	*Rorippa nasturtium-aquaticum*	water cress	Plant	Eurasia	Lake Ontario	Release (deliberate)
1860	*Elimia virginica*	snail	Mollusk	Atlantic NA	Erie Canal	Canals
1862	*Juncus gerardii*	black-grass rush	Plant	Atlantic NA	Chicago	Shipping, Solid Ballast
1864	*Najas marina*	spiny naiad	Plant	Eurasia	Lake Ontario drainage	Shipping, Solid Ballast
1865	*Sonchus arvensis*	field sow thistle	Plant	Eurasia	Central NY	Release (unintentional)
1866	*Carex disticha*	sedge	Plant	Eurasia	Lake Ontario	Shipping, Solid Ballast
1867	*Chenopodium glaucum*	oak leaved goose foot	Plant	Eurasia	Lake Ontario drainage	Railroads and Highways
1869	*Lythrum salicaria*	purple loosestrife	Plant	Eurasia	Lake Ontario	Canals
1871	*Bithynia tentaculata*	faucet snail	Mollusk	Eurasia	Lake Michigan	Shipping, Solid Ballast
1873	*Alosa pseudoharengus*	alewife	Fish	Atlantic NA	Lake Ontario	Canals
1873	*Oncorhynchus tshawytscha*	chinook salmon	Fish	Pacific NA	Widespread	Release (deliberate)
1874	*Epilobium hirsutum*	great hairy willow herb	Plant	Eurasia	Lake Ontario	Release (unintentional)
1876	*Oncorhynchus mykiss*	rainbow trout	Fish	Pacific NA	Lake Huron drainage	Release (deliberate)
1878	*Carassius auratus*	goldfish	Fish	Asia	Widespread	Release (unintentional)
1879	*Cyprinus carpio*	common carp	Fish	Ponto-Caspian	Widespread	Release (deliberate)
1879	*Potamogeton crispus*	curlyleaf pondweed	Plant	Eurasia	Lake Ontario drainage	Release (deliberate)
1880	*Typha angustifolia*	narrow leaved cattail	Plant	Eurasia	Lake Ontario	Canals
1882	*Lysimachia nummularia*	moneywort	Plant	Eurasia	Lake Ontario	Release (deliberate)

Year of Invasion	Species	Common Name	Type	Endemic Region	Location of First Sighting	Vector
1882	*Alopecurus geniculatus*	water foxtail	Plant	Eurasia	Lake Erie	Release (deliberate)
1883	*Salmo trutta*	brown trout	Fish	Eurasia	Lake Michigan drainage	Release (deliberate)
1884	*Agrostis gigantea*	redtop	Plant	Eurasia	Lake Superior	Release (deliberate)
1884	*Rorippa sylvestris*	creeping yellow cress	Plant	Eurasia	Lake Ontario	Shipping, Solid Ballast
1886	*Salix fragilis*	crack willow	Plant	Eurasia	Widespread	Release (deliberate)
1886	*Salix purpurea*	purple willow	Plant	Eurasia	Widespread	Release (deliberate)
1886	*Myosotis scorpioides*	true forgot-me-not	Plant	Eurasia	Lake Ontario	Release (deliberate)
1886	*Salix alba*	white willow	Plant	Eurasia	Widespread	Release (deliberate)
1886	*Iris pseudacorus*	yellow flag	Plant	Eurasia	Lake Ontario	Release (deliberate)
1892	*Lycopus asper*	western water horehound	Plant	Mississippi R.	Lake Erie	Release,(unintentional)
1893	*Puccinellia distans*	weeping alkali grass	Plant	Eurasia	Lake Ontario	Shipping, Solid Ballast
1894	*Stellaria aquatica*	giant chickweed	Plant	Eurasia	Lake St. Clair	Unknown
1895	*Juncus compressus*	flattened rush	Plant	Eurasia	Lake Ontario drainage	Release (unintentional)
1895	*Pisidium moitessierianum*	pea clam	Mollusk	Eurasia	Lake Superior	Shipping, Solid Ballast
1896	*Carex flacca*	sedge	Plant	Eurasia	Detroit River	Unknown
1897	*Valvata piscinalis*	European valve snail	Mollusk	Eurasia	Lake Ontario	Shipping, Solid Ballast
1897	*Pisidium amnicum*	pea clam	Mollusk	Eurasia	Lake Ontario	Shipping, Solid Ballast
1901	*Rumex longifolius*	yard dock	Plant	Eurasia	Lake Superior	Release (deliberate)
1901	*Radix auricularia*	European ear snail	Mollusk	Eurasia	Lake Michigan	Release (unintentional)
1902	*Aeromonas salmonicida*	furunculosis	Other Invertebrate	Unknown	Unknown	Release (unintentional)
1902	*Sonchus arvensis* var. *glabrescens*	smooth field sow thistle	Plant	Eurasia	Lake Erie	Release (unintentional)
1903	*Lycopus europaeus*	European water horehound	Plant	Eurasia	Lake Ontario	Shipping, Solid Ballast
1905	*Butomus umbellatus*	flowering rush	Plant	Eurasia	Detroit River	Shipping, Solid Ballast
1906	*Viviparus georgianus*	banded mystery snail	Mollusk	Mississippi R.	Lake Michigan	Aquarium release
1912	*Impatiens glandulifera*	Indian balsam	Plant	Asia	Lake Huron	Release (deliberate)

Year of Invasion	Species	Common Name	Type	Endemic Region	Location of First Sighting	Vector
1912	*Osmerus mordax*	rainbow smelt	Fish	Atlantic NA	Lake Michigan drainage	Release (deliberate)
1913	*Alnus glutinosa*	black alder	Plant	Eurasia	Widespread	Release (deliberate)
1913	*Lysimachia vulgaris*	garden loosetrife	Plant	Eurasia	Lake Ontario	Release (deliberate)
1913	*Rhamnus frangula*	glossy buckthorn	Plant	Eurasia	Lower Great Lakes, Ontario	Release (deliberate)
1915	*Mentha gentilis*	creeping whorled mint	Plant	Eurasia	Lake Ontario	Release (deliberate)
1915	*Veronica beccabunga*	European brookline	Plant	Eurasia	Lake Ontario	Shipping, Solid Ballast
1916	*Pluchea odorata* var. *purpurescens*	salt-marsh fleabane	Plant	Atlantic NA	Lake Erie drainage	Release (unintentional)
1916	*Pisidium henslowanum*	henslow's pea clam	Mollusk	Eurasia	Lake Ontario	Shipping, Solid Ballast
1918	*Gillia altilis*	snail	Mollusk	Atlantic NA	Lake Ontario drainage	Canals
1922	*Juncas inflexus*	rush	Plant	Eurasia	Lake Ontario drainage	Unknown
1923	*Gambusia affinis*	western mosquitofish	Fish	Mississippi R.	Lake Michigan drainage	Release (deliberate)
1924	*Sphaerium corneum*	fingernail clam	Mollusk	Eurasia	Lake Ontario drainage	Shipping, Ballast Water
1925	*Marsilea quadrifolia*	European water clover	Plant	Eurasia	Lake Ontario drainage	Release (deliberate)
1926	*Enteromorpha intestinalis*	green alga	Benthic Alga	Atlantic NA	Lake Ontario	Release (unintentional)
1927	*Acentropus niveus*	aquatic moth	Other Invertebrate	Eurasia	St. Lawrence R., Montreal	Release (unintentional)
1928	*Noturus insignis*	margined madtom	Fish	Atlantic NA	Lake Ontario drainage	Canals
1928	*Lepomis microlophus*	redear sunfish	Fish	Southern U.S.	Lake Michigan drainage	Release (deliberate)
1929	*Lepomis humilis*	orange spotted sunfish	Fish	Mississippi R.	Lake Erie drainage	Canals
1930	*Nymphoides peltata*	yellow floating heart	Plant	Eurasia	Lake Erie drainage	Release (unintentional)
1931	*Cipangopaludina chinensis malleata*	Oriental mystery snail	Mollusk	Asia	Niagara River	Release (aquarium)
1932	*Najas minor*	minor naiad	Plant	Eurasia	Lake Erie drainage	Release (deliberate)
1933	*Oncorhynchus kisutch*	coho salmon	Fish	Pacific	Lake Erie	Release (deliberate)

Year of Invasion	Species	Common Name	Type	Endemic Region	Location of First Sighting	Vector
1933	*Craspedacusta sowerbyi*	freshwater jellyfish	Other Invertebrate	Asia	Lake Erie drainage	Release (unintentional)
1934	*Lophopodella carteri*	bryozoan	Other Invertebrate	Asia	Lake Erie	Canals
1935	*Cabomba caroliniana*	fanwort	Plant	Southern U.S.	Lake Michigan drainage	Release (aquarium)
1936	*Sparganium glomeratum*	bur reed	Plant	Eurasia	Lake Superior	Unknown
1938	*Actinocyclus normanii* fo. *subsalsa*	diatom	Phytoplankton	Eurasia	Lake Ontario	Shipping, Ballast Water
1938	*Diatoma ehrenbergii*	diatom	Phytoplankton	Widespread	Lake Michigan	Shipping, Ballast Water
1938	*Stephanodiscus binderanus*	diatom	Phytoplankton	Eurasia	Lake Michigan	Shipping, Ballast Water
1939	*Misgurnus anguillicaudatus*	Oriental weatherfish	Fish	Asia	Lake Huron drainage	Release (unintentional)
1940	*Cipangopaludina japonica*	Oriental mystery snail	Mollusk	Asia	Lake Erie	Release (deliberate)
1940	*Glyceria maxima*	reed sweet-grass	Plant	Eurasia	Lake Ontario	Release (deliberate)
1943	*Tanysphyrus lemnae*	aquatic weevil	Other Invertebrate	Eurasia	Unknown	Unknown
1946	*Cyclotella pseudostelligera*	diatom	Phytoplankton	Widespread	Lake Michigan	Shipping, Ballast Water
1946	*Stephanodiscus subtilis*	diatom	Phytoplankton	Eurasia	Lake Michigan	Shipping, Ballast Water
1950	*Phenacobius mirabilis*	suckermouth minnow	Fish	Mississippi R.	Lake Erie drainage	Canals
1950	*Morone americana*	white perch	Fish	Atlantic NA	Lake Ontario	Canals
1950	*Oncorhynchus nerka*	kokanee	Fish	Pacific NA	Lake Ontario drainage	Release (deliberate)
1950	*Cirsium palustre*	marsh thistle	Plant	Eurasia	Lake Superior	Unknown
1950	*Potamothrix bedoti*	oligochaete	Annelid	Ponto-Caspian	Lake Ontario	Unknown
1950	*Pluchea odorata* var. *succulenta*	salt-marsh fleabane	Plant	Atlantic NA	Lake Ontario drainage	Unknown
1951	*Branchiura sowerbyi*	oligochaete	Annelid	Asia	Lake Michigan drainage	Release (unintentional)
1951	*Carex acutiformis*	swamp sedge	Plant	Eurasia	Lake Michigan drainage	Unknown
1952	*Myriophyllum spicatum*	Eurasian watermilfoil	Plant	Eurasia	Lake Erie	Release (aquarium)
1952	*Potamothrix moldaviensis*	oligochaete	Annelid	Ponto-Caspian	Lake Ontario	Unknown

Year of Invasion	Species	Common Name	Type	Endemic Region	Location of First Sighting	Vector
1956	*Cordylophora caspia*	hydroid	Other Invertebrate	Ponto-Caspian	Lake Erie	Release (unintentional)
1956	*Oncorhynchus gorbuscha*	pink salmon	Fish	Pacific NA	Lake Superior	Release (unintentional)
1958	*Eurytemora affinis*	calanoid copepod	Zooplankton (crustacean)	Widespread	Lake Ontario	Shipping, Ballast Water
1959	*Trapa natans*	water chestnut	Plant	Eurasia	Lake Ontario drainage	Release (aquarium)
1959	*Lasmigona subviridis*	mussel	Mollusk	Atlantic NA	Lake Ontario drainage	Canals
1959	*Pisidium supinum*	humpback pea clam	Mollusk	Europe	Lake Ontario	Shipping, Ballast Water
1960	*Glugea hertwigi*	protozoan	Other Invertebrate	Eurasia	Lake Erie	Release (unintentional)
1960	*Polygonum caespitosum* var. *longisetum*	Bristly Lady's Thumb	Plant	E. Asia	Lake Erie drainage	Unknown
1962	*Lepisosteus platostomus*	shortnose gar	Fish	Mississippi R.	Lake Michigan drainage	Canals
1962	*Thalassiosira weissflogii*	diatom	Phytoplankton	Widespread	Detroit River	Shipping, Ballast Water
1963	*Skeletonema potamos*	diatom	Phytoplankton	Widespread	Lake Erie drainage	Shipping, Ballast Water
1964	*Bangia atropurpurea*	red alga	Benthic Alga	Atlantic NA	Lake Erie	Shipping
1964	*Cyclotella atomus*	diatom	Phytoplankton	Widespread	Lake Michigan	Shipping, Ballast Water
1964	*Cyclotella cryptica*	diatom	Phytoplankton	Widespread	Lake Michigan	Shipping, Ballast Water
1964	*Cyclotella woltereki*	diatom	Phytoplankton	Widespread	Lake Michigan	Shipping, Ballast Water
1964	*Chroodactylon ramosum*	red alga	Benthic Alga	Atlantic Ocean	Lake Erie	Shipping, Ballast Water
1965	*Potamothrix vejdovskyi*	oligochaete	Annelid	Ponto-Caspian	Lake Erie	Shipping? Ballast Water?
1966	*Eubosmina coregoni*	waterflea	Zooplankton (crustacean)	Eurasia	Lake Michigan	Shipping, Ballast Water
1966	*Epilobium parviflorum*	small flowered hairy willow herb	Plant	Eurasia	Lake Michigan drainage	Unknown
1967	*Skistodiaptomus pallidus*	calanoid copepod	Zooplankton (crustacean)	Mississippi R.	Lake Ontario	Release (unintentional)

Year of Invasion	Species	Common Name	Type	Endemic Region	Location of First Sighting	Vector
1968	*Myxobolus (Myxosoma) cerebralis*	salmonid whirling disease	Other Invertebrate	Unknown	Lake Erie drainage	Release (unintentional)
1968	*Dugesia polychroa*	flatworm	Other Invertebrate	Europe	Lake Ontario	Shipping, Ballast Water
1969	*Solidago sempervirens*	seaside goldenrod	Plant	Atlantic NA	Lake Michigan	Release (unintentional)
1971	*Enneacanthus gloriosus*	bluespotted sunfish	Fish	Atlantic NA	Lake Ontario drainage	Release (aquarium)
1972	*Cyclops strenuus*	copepod	Zooplankton (crustacean)	Hudson Bay	Lake Superior	Canals (water diversion)
1972	*Hydrocharis morsus-ranae*	European frogbit	Plant	Eurasia	Lake Ontario	Release (unintentional)
1973	*Skeletonema subsalsum*	diatom	Phytoplankton	Eurasia	Lake Erie	Shipping, Ballast Water
1973	*Thalassiosira guillardii*	diatom	Phytoplankton	Widespread	Lake Erie	Shipping, Ballast Water
1973	*Thalassiosira pseudonana*	diatom	Phytoplankton	Widespread	Lake Erie drainage	Shipping, Ballast Water
1973	*Nitocra hibernica*	harpacticoid copepod	Benthic Crustacean	Eurasia	Lake Ontario	Shipping, Ballast Water
1975	*Sphacelaria fluviatilis*	brown alga	Benthic Alga	Asia	Lake Michigan drainage	Release (aquarium)
1975	*Lotus corniculatus*	birdsfoot trefoil	Plant	Eurasia	Lake Superior	Release (deliberate)
1975	*Renibacterium (Corynebacterium) salmoninarum*	bacterial kidney disease	Bacteria	Unknown	Lake Superior	Release (unintentional)
1975	*Sphacelaria lacustris*	brown alga	Benthic Alga	Unknown	Lake Michigan	Shipping, Ballast Water
1975	*Hymenomonas roseola*	cocco-lithophorid alga	Phytoplankton	Eurasia	Lake Huron	Shipping, Ballast Water
1978	*Biddulphia laevis*	diatom	Phytoplankton	Widespread	Lake Michigan	Shipping, Ballast Water
1978	*Chaetoceros hohnii*	diatom	Phytoplankton	Unknown	Lake Huron	Shipping, Ballast Water
1978	*Thalassiosira lacustris*	diatom	Phytoplankton	Eurasia	Lake Erie	Shipping, Ballast Water
1979	*Notropis buchanani*	ghost shiner	Fish	Mississippi R.	Lake St. Clair drainage	Release (bait)
1979	*Enteromorpha prolifera*	green alga	Benthic Alga	Atlantic NA	Lake St. Clair drainage	Unknown
1980	*Corbicula fluminea*	Asiatic clam	Mollusk	East Asia	Lake Erie	Release (aquarium)

Year of Invasion	Species	Common Name	Type	Endemic Region	Location of First Sighting	Vector
1980	*Ripistes parasita*	oligochaete	Annelid	Eurasia	Lake Huron	Shipping, Ballast Water
1980	*Daphnia galeata galeata*	waterflea	Zooplankton (crustacean)	Eurasia	Lake Erie	Shipping, Ballast Water
1982	*Lupinus polyphyllus*	lupine	Plant	Eurasia	Lake Superior	Release (unintentional)
1982	*Bythotrephes longimanus*	spiny waterflea	Zooplankton (crustacean)	Eurasia	Lake Ontario	Shipping, Ballast Water
1983	*Nitellopsis obtusa*	green alga	Phytoplankton	Eurasia	Lake St. Clair	Shipping, Ballast Water
1983	*Gianius (Phallodrilus) aquaedulcis*	oligochaete	Annelid	Europe	Niagara River	Shipping, Ballast Water
1985	*Salmincola lotae*	copepod	Zooplankton (crustacean)	Eurasia	Lake Superior	Unknown
1986	*Gymnocephalus cernuus*	Eurasian ruffe	Fish	Ponto-Caspian	Lake Superior	Shipping, Ballast Water
1986	*Apeltes quadracus*	fourspine stickleback	Fish	Atlantic NA	Lake Superior	Shipping, Ballast Water
1988	*Argulus japonicus*	parasitic copepod	Zooplankton (crustacean)	Asia	Lake Michigan	Release (aquarium)
1988	*Thalassiosira baltica*	diatom	Phytoplankton	Europe	Lake Ontario	Shipping, Ballast Water
1988	*Bosmina maritima*	waterflea	Zooplankton (crustacean)	Eurasia	Lake Erie	Shipping, Ballast Water
1988	*Dreissena polymorpha*	zebra mussel	Mollusk	Ponto-Caspian	Lake St. Clair	Shipping, Ballast Water
1989	*Scardinius erythrophthalmus*	rudd	Fish	Eurasia	Lake Ontario	Release (Bait)
1989	*Dreissena bugensis*	quagga mussel	Mollusk	Ponto-Caspian	Lake Ontario	Shipping, Ballast Water
1990	*Neogobius melanostomus*	round goby	Fish	Ponto-Caspian	St. Clair River	Shipping, Ballast Water
1990	*Proterorhinus marmoratus*	tubenose goby	Fish	Ponto-Caspian	St. Clair River	Shipping, Ballast Water
1991	*Potamopyrgus antipodarum*	New Zealand mud snail	Mollusk	Australasia	Lake Ontario	Shipping, Ballast Water
1992	*Acanthostomum* sp.	digenean fluke	Other Invertebrate	Eurasia	Lake Superior	Shipping, Ballast Water
1992	*Ichthyocotylurus pileatus*	digenean fluke	Other Invertebrate	Ponto-Caspian	Lake Superior	Shipping, Ballast Water

Year of Invasion	Species	Common Name	Type	Endemic Region	Location of First Sighting	Vector
1992	*Neascus brevicaudatus*	digenean fluke	Other Invertebrate	Eurasia	Lake Superior	Shipping, Ballast Water
1992	*Trypanosoma acerinae*	flagellate	Other Invertebrate	Ponto-Caspian	Lake Superior	Shipping, Ballast Water
1992	*Dactylogyrus amphibothrium*	monogenetic fluke	Other Invertebrate	Eurasia	Lake Superior	Shipping, Ballast Water
1992	*Dactylogyrus hemiamphibothrium*	monogenetic fluke	Other Invertebrate	Eurasia	Lake Superior	Shipping, Ballast Water
1994	*Echinogammarus ischnus*	amphipod	Benthic Crustacean	Ponto-Caspian	Detroit River /Lake Erie	Shipping, Ballast Water
1994	*Scolex pleuronectis*	cestode	Other Invertebrate	Ponto-Caspian	Lake St. Clair	Shipping, Ballast Water
1994	*Sphaeromyxa sevastopoli*	mixosporidian	Other Invertebrate	Ponto-Caspian	Lake St. Clair	Shipping, Ballast Water
1994	*Neoergasilus japonicus*	copepod	Zooplankton (crustacean)	Eastern Asia	St. Clair River	Unknown
1994	*Megacyclops viridis*	cyclopoid copepod	Zooplankton (crustacean)	Europe	Lake Huron	Unknown
1995	*Alosa aestivalis*	blueback herring	Fish	Atlantic NA	Lake Ontario	Canals
1996	*Heteropsyllus* nr. *nunni*	harpacticoid copepod	Benthic Crustacean	Atlantic NA?	Lake Michigan	Shipping, Ballast Water
1997	*Acineta nitocrae*	suctorian	Other Invertebrate	Eurasia	Lake Erie	Shipping, Ballast Water
1998	*Cercopagis pengoi*	fish-hook waterflea	Zooplankton (crustacean)	Ponto-Caspian	Lake Ontario	Shipping, Ballast Water
1998	*Schizopera borutzkyi*	harpacticoid copepod	Benthic Crustacean	Ponto-Caspian	Lake Michigan	Shipping, Ballast Water
1999	*Daphnia lumholtzi*	waterflea	Zooplankton (crustacean)	Africa, Australasia	Lake Erie	Release (unintentional)
1999	*Nitocra incerta*	harpacticoid copepod	Benthic Crustacean	Ponto-Caspian	Detroit River	Shipping, Ballast Water
2000	*Heterosporis* sp.	microsporidian	Other Invertebrate	Unknown	Lake Ontario	Unknown
2001	*Rhabdovirus carpio*	spring viraemia of carp (SVC)	Virus	Eurasia	Lake Michigan drainage	Release (aquarium)
2001	*Gammarus tigrinus*	Amphipod	Benthic Crustacean	Atlantic NA	Lake Superior (Lake Huron in 2002)	Shipping, Ballast Water
2001	*Psammonobiotus communis*	testate amoeba	Other Invertebrate	Ponto-Caspian	Lake Ontario	Shipping, Ballast Water

Year of Invasion	Species	Common Name	Type	Endemic Region	Location of First Sighting	Vector
2002	*Ranavirus* sp.	largemouth bass virus	Virus	Unknown	Lake Michigan drainage	Release (unintentional)
2002	*Psammonobiotus linearis*	testate amoeba	Other Invertebrate	Ponto-Caspian	Lake Ontario	Shipping, Ballast Water
2002	*Psammonobiotus dziwnowi*	testate amoeba	Other Invertebrate	Ponto-Caspian?	Lake Ontario	Shipping, Ballast Water
2002	*Cylindrospermopsis raciborskii*	cyanobacterium	Phytoplankton	South America?	Lake Michigan drainage	Unknown
2002	*Piscirickettsia cf. salmonis*	muskie pox	Other Invertebrate	Unknown	Lake St. Clair	Unknown
2003	*Enteromorpha flexuosa*	green alga	Benthic Alga	Widespread	Lake Michigan drainage	Shipping
2005	*Novirhabdovirus* sp.	VHS	Virus	Atlantic NA?	Lake Ontario	Shipping?, Ballast Water?
2006	*Hemimysis anomala*	bloody-red mysid	Benthic Crustacean	Ponto-Caspian	Lake Michigan drainage	Shipping, Ballast Water

Source: http://www.glerl.noaa.gov/res/Programs/ncrais/docs/great-lakes-list.xls (accessed March 5, 2008).