

List of NNS occurring in Bosnia and Herzegovina

Scientific name	English name	Common name in National Language	National Geographical Distribution	Status*	Pathway/Vector	Main Reference
FUNGI/CHROMISTA						
<i>Phytophthora cinnamomi</i> (Rands)	Phytophthora dieback	-	-	horizon		
PLANTS-PLANTAE						
<i>Elodea canadensis</i>	Canadian pondweed	Kanadska vodena kuga	Lašva, Hutovo mud, Fish pond in the river Matura near D. Doljine at Bosanska Gradiška		-	Maslo, S. (2016). Preliminary list of invasive alien plant species (IAS) in Bosnia and Herzegovina. <i>Herbologia</i> . 16(1): 1-14. 10.5644/Herb.16.1.01 Kočić <i>et al.</i> 2014
<i>Ceratophyllum demersum</i>	coontail	Kruta vošička	Trebižat	naturalized		Lasić A. & Jasprica N. (2016).Vegetation diversity of the two Dinaric karstic rivers in Bosnia and Herzegovina. <i>Biologia, Section Botany</i> . 71 (7): pp. 777-792.
<i>Cabomba caroliniana</i> A.Gray	<i>Carolina fanwort</i>	-	-	horizon	-	-
<i>Azolla filiculoides</i>	Red water fern	Vodena paprat	Gromiželj		-	Čurčić et al. 2017
<i>Elodea nuttallii</i> H.St.Jhon	Nuttall's waterweed	Nuatilijeva vodena kuga	-	horizon		
<i>Ludwigia peploides</i> (Kunth) P.H.Raven	water primrose	-	-	horizon		
<i>Myriophyllum heterophyllum</i> Michx.	broadleaf watermilfoil	-	-	horizon		
<i>Myriophyllum spicatum</i> L.	spiked watermilfoil	-	-	horizon		
<i>Utricularia gibba</i>	-	-	-	horizon		
<i>Azolla cristata</i> Kaulf.	Carolina mosquitofern,	-	-	horizon		

	Carolina azolla, water velvet					
<i>Najas graminea</i> Delile	ricefield water-nymph	-	-	horizon		
<i>Acorus calamus</i> L.	sweet flag	-	-	horizon		
<i>Paspalum dilatatum</i> Poir.	Dallis grass	Prošireni paspalum	Mostar, Čapljina, Sarajevo			Đug, S., Drešković, N., Trožić Borovac, S., Škrijelj, R., Muratović, E., Dautbašić, M., Bašić, N., Korjenić, E., Mujezinović, O., Lukić Bilela, L., Šoljan, D., Trakić, S., Vesnić, A., Šljuka, S., Hrelja, E., Mušović, A., Boškailo, A., Banda, A., Kulijer, D., Hadžić, E (2019) Inventarizacija i geografska interpretacija invazivnih vrsta u Federaciji Bosne i Hercegovine. Prirodno-matematički fakultet UNSA
<i>Paspalum paspalodes</i> (Michx.) Scribn	knotgrass, ditch-grass, jointgrass, water couch	-	-	horizon	introduced from Croatia	
CRUSTACEA						
<i>Dikergammarus haemobaphes</i> Eichwald, 1841	-	Račić ubica	River Sava in BiH, Una		-	Žganec, K., Gottstein, S, Hudina, S. 2009. Ponto-Caspian amphipods in Croatian large rivers. Aquatic Invasions 4, 2: 327-335
<i>Pacifastacus leniusculus</i> Dana, 1852	Signal crayfish	Signalni rak	Una (Srbijani)		Introduced in Croatia	Trožić-Boravac, S., Škrijelj, R., Vesnić, A., Đug, S., Mušović, A., Šljuka, S., Borovac, B., Gajević, M. 2019. Negative effects of introducing allochthonous species <i>Pacifastacus leniusculus</i> (Dana, 1852) into aquatic ecosystems of Bosnia and Herzegovina. 2019. Book of Abstracts. 3rd Symposium of Freshwater Biology. Croatian Association of Freshwater Ecologists, Zagreb, Croatia. 33
<i>Dikergammarus villosus</i> Sowinsky, 1894	killer shrimp	-	Sava river (Brod, Šamac)			Žganec, K., Gottstein, S, Hudina, S. 2009. Ponto-Caspian amphipods in Croatian large rivers. Aquatic Invasions 4, 2: 327-335
<i>Eriocheir sinensis</i>	Chinese mitten crab	Kineski rak	-	horizon		
<i>Faxonius limosus</i> Rafinesque, 1817	Spiny-cheek crayfish	Bodljobrati rak	-	horizon		
<i>Hemimysis anomala</i> G.O.Sars, 1907.	-	-	-	horizon		

<i>Limnomysis benedeni</i> (Czerniavsky, 1882)	-	-	-	horizon		
MOLLUSCA						
<i>Corbicula fluminea</i> O.F. Müller, 1774.	Asian clam	Azijska školjka, zlatna školjka	Sava, Svilaj, Vidovica	-		Lucić, A., Paunović, M., Tomović, J., Kovačević, Zorić, K., Simić, V., Atanacković, A., Marković, V., Kračun-Kolarević, M., Hudina, H., Lajtner, L., Gottstein, S., Milošević, Đ., Anđus, A., Žganec, K., Jaklič, M., Simčić, T., Vilenica, M. 2015. Aquatic Macroinvertebrates of the Sava River. R. Milačić et al. (eds.), The Sava River, The Handbook of Environmental Chemistry 31, Springer-Verlag Berlin Heidelberg
<i>Corbicula fluminalis</i> O.F. Müller, 1774.	-	Azijska školjka'	-	horizon	-	
<i>Sinanodonta woodiana</i> Lea, 1834	Chinese pond mussel	kineska školjka	river Sava, BiH			Lucić, A., Paunović, M., Tomović, J., Kovačević, Zorić, K., Simić, V., Atanacković, A., Marković, V., Kračun-Kolarević, M., Hudina, H., Lajtner, L., Gottstein, S., Milošević, Đ., Anđus, A., Žganec, K., Jaklič, M., Simčić, T., Vilenica, M. 2015. Aquatic Macroinvertebrates of the Sava River. R. Milačić et al. (eds.), The Sava River, The Handbook of Environmental Chemistry 31, Springer-Verlag Berlin Heidelberg
<i>Dreissena polymorpha</i> Pallas, 1771	Zebra mussel	Zebrasta školjka	Sava, Spreča, Snježnica, Bileća, Salakovac, Modrac, Buško Lake, Plivsko Lake, Hutovo Mud, Trebišnjica		aquaculture	Trožić-Borovac, S. 2004. Kvalitet vode rijeke Spreče. Voda i mi AVP Sava, 40: 58-66; 5. Trožić-Borovac, S., Muhamedagić S., Milinković, M., Borovac B., Ahemtagić, J. (2018): Pojava invazivne vrste <i>Dreissena polymorpha</i> (Pallas, 1771), u hidroakumulacijama Bosne i Hercegovine. Radovi Poljoprivredno-prehrambenog fakulteta Univerziteta u Sarajevu. 68/2:83-91
<i>Aedes albopictus</i> Skuse, 1894	Asian tiger mosquito	Azijski tigrasti komarac	-	horizon		
<i>Trithemis annulata</i> , Beauvois, 1807	Violet dropwing		-	horizon		
FISH						
<i>Ameiurus melas</i> (Rafinesque, 1820)	Black bullhead	Crni somić	Adriatic and Black Sea basin		introduced from Croatia	Piria, M., Simonović, P., Nikolić, V., Ristovska, M., Apostolou, A., Adrović, A., Povž, M., Zanello, D., Mrdak, D., Milošević, D., Vardakas, L., Koutsikos,

						N., Kalogianni, E., Gregori, A., Kostov, V., Škrijelj, R., Korro, K., Bakiu, R., Tarkan, A.S., Joy, M.K. (2018): Alien freshwater fish species in the Balkans – vectors and pathways of introduction. Fish and fisheries, 19, 138–169
<i>Ameiurus nebulosus</i> (Lesueur, 1819)	Brown bullhead	Američki somić	Black Sea basin, Hutovo mud	-		Hamzić, A., Lelo, S. (2006) Sistematski prijedlog hrskavičavih riba Bosne i Hercegovine. In Fauna Bosne i Hercegovine – Biosistematski pregledi. 2. izmijenjeno i dopunjeno interno izdanje Udruženja za inventarizaciju i zaštitu životinja, Ilijaš, Kanton Sarajevo
<i>Babka gymnotrachelus</i> (Kessler, 1857)	Racer goby	Glavočić trkač	Black Sea basin	-		Piria, M., Simonović, P., Nikolić, V., Ristovska, M., Apostolou, A., Adrović, A., Povž, M., Zanella, D., Mrdak, D., Milošević, D., Vardakas, L., Koutsikos, N., Kalogianni, E., Gregori, A., Kostov, V., Škrijelj, R., Korro, K., Bakiu, R., Tarkan, A.S., Joy, M.K. (2018): Alien freshwater fish species in the Balkans – vectors and pathways of introduction. Fish and fisheries, 19, 138–169.
<i>Carassius gibelio</i> (Bloch, 1782)	Prussian carp	Babuška	Buško Lake, Mandek Lake, Vidara Lake, Modrac, lower parts of the river Neretva	-		Tomljanović <i>et al.</i> , 2012; Tutman <i>et al.</i> , 2012
<i>Carassius langsdorfii</i> (Temminck & Schlegel, 1846)	Ginbuna carp	Ginbuna	Neretva River	unknown, but it was most likely an unintended introduction accompanying other cyprinid fishes		Piria, M., Simonović, P., Nikolić, V., Ristovska, M., Apostolou, A., Adrović, A., Povž, M., Zanella, D., Mrdak, D., Milošević, D., Vardakas, L., Koutsikos, N., Kalogianni, E., Gregori, A., Kostov, V., Škrijelj, R., Korro, K., Bakiu, R., Tarkan, A.S., Joy, M.K. (2018): Alien freshwater fish species in the Balkans – vectors and pathways of introduction. Fish and fisheries, 19, 138–169
<i>Coregonus peled</i> (Gmelin, 1789)	Peled, koregonus	Sjeverna ozimica	Adriatic basin	introduced from Northern Europe to the Balkan		Piria, M., Simonović, P., Nikolić, V., Ristovska, M., Apostolou, A., Adrović, A., Povž, M., Zanella, D., Mrdak, D., Milošević, D., Vardakas, L., Koutsikos, N., Kalogianni, E., Gregori, A., Kostov, V., Škrijelj, R., Korro, K., Bakiu, R., Tarkan, A.S., Joy, M.K. (2018): Alien freshwater fish species in the Balkans – vectors and pathways of introduction. Fish and fisheries, 19, 138–169

<i>Ctenopharyngodon idella</i> (Valenciennes, 1844)	Grass carp	Bijeli amur	Hydroaccumulations of the Neretva River, Trebišnjica River, Drina River and also in the Sava River and the lower reaches of its tributaries	naturalized	-	Piria, M., Simonović, P., Nikolić, V., Ristovska, M., Apostolou, A., Adrović, A., Povž, M., Zanella, D., Mrdak, D., Milošević, D., Vardakas, L., Koutsikos, N., Kalogianni, E., Gregori, A., Kostov, V., Škrijelj, R., Korro, K., Bakiu, R., Tarkan, A.S., Joy, M.K. (2018): Alien freshwater fish species in the Balkans – vectors and pathways of introduction. Fish and fisheries, 19, 138–169
<i>Cyprinus carpio</i> (Linnaeus, 1758)	Common carp or European carp	Šaran	Modrac Lake, Black Sea basin, Neretva basin, Trebišnjica basin, and Buško Lake		-	Piria, M., Simonović, P., Nikolić, V., Ristovska, M., Apostolou, A., Adrović, A., Povž, M., Zanella, D., Mrdak, D., Milošević, D., Vardakas, L., Koutsikos, N., Kalogianni, E., Gregori, A., Kostov, V., Škrijelj, R., Korro, K., Bakiu, R., Tarkan, A.S., Joy, M.K. (2018): Alien freshwater fish species in the Balkans – vectors and pathways of introduction. Fish and fisheries, 19, 138–169 Sofradžija, A. (2009) Slatkovodne ribe Bosne i Hercegovine
<i>Gambusia affinis</i> (Baird & Girard, 1853)	Mosquitofish	Gambuzija	Neretva, Hutovo mud		-	Tutman <i>et al.</i> , 2012; Glamuzina <i>et al.</i> , 2012 (Glamuzina, B., Pavličević, J., Tutman, P., Glamuzina, L., Bogut, I. & Dulčić, J. (2013). Ribe Neretve. Mostar/Metković, Udruga CEAV - Centar za zaštitu i promicanje endemskih i autohtonih ribljih vrsta, Mostar, Republika Bosna i Hercegovina ; Modrozeleni - Zadruga branitelj, Metković, Republika Hrvatska.
<i>Gambusia holbrooki</i> Girard, 1859	Eastern mosquitofish	Gambuzija	Adriatic basin (Neretva River, Trebišnjica River)	introduced in the Balkans and elsewhere in the Mediterranean in the 1920s		Piria, M., Simonović, P., Nikolić, V., Ristovska, M., Apostolou, A., Adrović, A., Povž, M., Zanella, D., Mrdak, D., Milošević, D., Vardakas, L., Koutsikos, N., Kalogianni, E., Gregori, A., Kostov, V., Škrijelj, R., Korro, K., Bakiu, R., Tarkan, A.S., Joy, M.K. (2018): Alien freshwater fish species in the Balkans – vectors and pathways of introduction. Fish and fisheries, 19, 138–169 Landeka, N., Podnar, M., Jelić, D. (2015): New data on the taxonomic status and distribution of <i>Gambusia</i> sp. in Croatia and Bosnia and Herzegovina. Periodicum Biologorum, 117, 415-424, 10.18054/pb.2015.117.3.3143

<i>Hypophthalmichthys molitrix</i> (Valenciennes, 1848)	Silver carp	Sivi glavaš *u Sofradžija (2009) Bijeli glavaš	Carp fish farm, some artificial hydroaccumulations of Vrba River, and Trebišnjica River	-	Piria, M., Simonović, P., Nikolić, V., Ristovska, M., Apostolou, A., Adrović, A., Povž, M., Zanella, D., Mrdak, D., Milošević, D., Vardakas, L., Koutsikos, N., Kalogianni, E., Gregori, A., Kostov, V., Škrijelj, R., Korro, K., Bakiu, R., Tarkan, A.S., Joy, M.K. (2018): Alien freshwater fish species in the Balkans – vectors and pathways of introduction. Fish and fisheries, 19, 138–169 Sofradžija, a. (2009) Slatkovodne ribe BiH
<i>Hypophthalmichthys nobilis</i> (Richardson, 1845)	Bighead carp	Bijeli glavaš	Black Sea and Adriatic basin	-	Piria, M., Simonović, P., Nikolić, V., Ristovska, M., Apostolou, A., Adrović, A., Povž, M., Zanella, D., Mrdak, D., Milošević, D., Vardakas, L., Koutsikos, N., Kalogianni, E., Gregori, A., Kostov, V., Škrijelj, R., Korro, K., Bakiu, R., Tarkan, A.S., Joy, M.K. (2018): Alien freshwater fish species in the Balkans – vectors and pathways of introduction. Fish and fisheries, 19, 138–169
<i>Lepomis gibbosus</i> L.	Pumpkinseed	Sunčanica	Neretva, Trebišnjica		Trožić-Borovac S., Sofradžija, A., Hadžiselimović, R., Škrijelj, R., Guzina, N., Korjenić, E., Hamzić, a. 2003. Pojava sunčane (Lepomis gibbosus Linnaeus, 1758) u hidroakumulaciji Jablanica kao rezultat slučajne introdukcije. Radovi Poljoprivrednog fakulteta Univerziteta u Sarajevu, 53, 13-18 Drešković <i>et al.</i> , 2011
<i>Micropterus salmoides</i> (Lacepède, 1802)	Largemouth bass	Pastrvski grgeč	Black Sea basin, Vrba River	unknown, but it was found in the Vrba River in 2000s	Piria, M., Simonović, P., Nikolić, V., Ristovska, M., Apostolou, A., Adrović, A., Povž, M., Zanella, D., Mrdak, D., Milošević, D., Vardakas, L., Koutsikos, N., Kalogianni, E., Gregori, A., Kostov, V., Škrijelj, R., Korro, K., Bakiu, R., Tarkan, A.S., Joy, M.K. (2018): Alien freshwater fish species in the Balkans – vectors and pathways of introduction. Fish and fisheries, 19, 138–169 Sofradžija, A. (2009) Slatkovodne ribe BiH
<i>Neogobius fluviatilis</i> (Pallas, 1811)	Monkey goby, Sand goby	Riječni glavoč	Lower reaches Black Sea basin	-	Piria, M., Simonović, P., Nikolić, V., Ristovska, M., Apostolou, A., Adrović, A., Povž, M., Zanella, D., Mrdak, D., Milošević, D., Vardakas, L., Koutsikos, N., Kalogianni, E., Gregori, A., Kostov, V., Škrijelj, R.,

					Korro, K., Bakiu, R., Tarkan, A.S., Joy, M.K. (2018): Alien freshwater fish species in the Balkans – vectors and pathways of introduction. Fish and fisheries, 19, 138–169 https://doi.org/10.1111/faf.12242 Sofradžija, A. (2009) Slatkovodne ribe Bosne i Hercegovine
<i>Neogobius melanostomus</i> Pallas, 1811	Round goby	Glavočić okrugljak, glavočić	Black Sea basin	-	Tutman, P., Zanella, D., Horvatić, S., Hamzić, A., Adrović, A., Dulčić, J., Glamuzina B. (2020). Freshwater gobies (Gobiidae) of Bosnia and Herzegovina: a review of the current status and distribution. J. of Vertebrate Biology, 69(4):20046.1-15. https://doi.org/10.25225/jvb.20046
<i>Oncorhynchus mykiss</i> (Walbaum, 1792)	Rainbow trout	Kalifornijska pastrmka	Klokot, Mostar mud	naturalized	Bećiraj et al., 2012 (Bećiraj, A., Šahinović, R. (2012). Biodiversity of the fish of the Klokot river. Proceeding in the Second International Colloquium „BIODIVERSITY – THEORETICAL AND PRACTICAL ASPECTS“) Glamuzina, B., Tutman, P., Pavličević, J., Bogut, I., Dulčić, J. (2010). Bioraznolikost riba Hercegovine. Proceedings in International Colloquium “2010th YEAR OF BIODIVERSITY” Livno, 13. - 15. December 2010.
<i>Ponticola kessleri</i> (Günther, 1861)	Bighead goby	Bičkaš, Glavoč	Sava River, and the lower reaches of its tributaries	-	Piria, M., Simonović, P., Nikolić, V., Ristovska, M., Apostolou, A., Adrović, A., Povž, M., Zanella, D., Mrdak, D., Milošević, D., Vardakas, L., Koutsikos, N., Kalogianni, E., Gregori, A., Kostov, V., Škrijelj, R., Korro, K., Bakiu, R., Tarkan, A.S., Joy, M.K. (2018): Alien freshwater fish species in the Balkans – vectors and pathways of introduction. Fish and fisheries, 19, 138–169 https://doi.org/10.1111/faf.12242 Sofradžija, A. (2009) Slatkovodne ribe Bosne i Hercegovine
<i>Pseudorasbora parva</i> (Temminck & Schlegel, 1846)	Stone moroko	Pseudorazba	Carp fish farm	-	Hamzić, A., Lelo, S. (2006) Sistematski prijedlog hrskavičavih riba Bosne i Hercegovine. In Fauna Bosne i Hercegovine – Biosistematski pregledi. 2. izmijenjeno i dopunjeno interno izdanje Udruženja za inventarizaciju i zaštitu životinja, Ilijaš, Kanton Sarajevo

<i>Salmo trutta</i> Linnaeus, 1758 (Atlantic lineage)	Brown trout, Brook trout	Potočna pastrmka, potočara	Mountain streams and rivers Black Sea and Adriatic basin		Aquaculture	Piria, M., Simonović, P., Nikolić, V., Ristovska, M., Apostolou, A., Adrović, A., Povž, M., Zanella, D., Mrdak, D., Milošević, D., Vardakas, L., Koutsikos, N., Kalogianni, E., Gregori, A., Kostov, V., Škrijelj, R., Korro, K., Bakiu, R., Tarkan, A.S., Joy, M.K. (2018): Alien freshwater fish species in the Balkans – vectors and pathways of introduction. Fish and fisheries, 19, 138–169 https://doi.org/10.1111/faf.12242 Sofradžija, A. (2009) Slatkovodne ribe Bosne i Hercegovine
<i>Salvelinus alpinus</i> (Linnaeus, 1758)	Arctic charr	Jezerska zlatovčica	Neretva River, Drina River, Trebišnjica River Pliva Lakes, Klinje Lake		introduced from Northern Europe to the Balkan, in BiH it was introduced in 1943	Piria, M., Simonović, P., Nikolić, V., Ristovska, M., Apostolou, A., Adrović, A., Povž, M., Zanella, D., Mrdak, D., Milošević, D., Vardakas, L., Koutsikos, N., Kalogianni, E., Gregori, A., Kostov, V., Škrijelj, R., Korro, K., Bakiu, R., Tarkan, A.S., Joy, M.K. (2018): Alien freshwater fish species in the Balkans – vectors and pathways of introduction. Fish and fisheries, 19, 138–169 https://doi.org/10.1111/faf.12242
<i>Salvelinus fontinalis</i> (Mitchill, 1814)	Brook trout	Potočna zlatovčica	hidroaccumulations of Neretva River, Trebišnjica River, Vrbas River, fish farm in Blagaj and Jazine		-	Jansson, K. (2013) NOBANIS – Invasive Alien Species Fact Sheet – <i>Salvelinus fontinalis</i> . – From: Online Database of the European Network on Invasive Alien Species – NOBANIS www.nobanis.org , date of access 29/7/21
<i>Sander lucioperca</i>	Pike-perch	Smuđ	Sava, hidroaccumulations of Neretva River, river Neretva	NATIVE IN THE DANUBE, translocated in Adriatic	introduced)	Škrijelj, R. & Mašović, M. 2001. Populacija smuđa (<i>Stizostedion lucioperca</i> L.) u neretvanskim hidroakumulacijama. Ribarstvo, 59, (2), 57–69. Trožić–Borovac, S. & Škrijelj, R. 2007. The nutrition of pikeperch. 2007. Ribarstvo, 65, (2), 61–74
<i>Tinca tinca</i>	Tench or doctor fish	Linjak	Trebišnjica, Neretva, Jablanica	NATIVE IN THE DANUBE, translocated in Adriatic		Shmuka <i>et al.</i> , 2008; Avlijaš, S., Ricciardi, A., Mandrak, N.E. (2017).. Eurasian tench (<i>Tinca tinca</i>): the next Great Lakes invader. Canadian Journal of Fisheries and Aquatic Sciences. 75(2): 169-179. https://doi.org/10.1139/cjfas-2017-0171 ; Hamzić, A., Lelo, S. (2007). Sistematski pregled košljoriba Bosne i Hercegovine. In Fauna Bosne i Hercegovine – Biosistematski pregledi. 3. izmijenjeno i dopunjeno interno izdanje Udruženja za inventarizaciju i zaštitu životinja, Ilijaš, Kanton Sarajevo

<i>Carassius auratus</i> L.	Goldfish	Zlatna ribica	-	horizon	-	
<i>Gymnocephalus cernuus</i> (Linnaeus, 1758)	Ruffe	Balavac	Hutovo Blato	translocated in Adriatic basin	-	Dulčić, J., Glamuzina, B., Tutman, P. (2005). First record of ruffe, <i>Gymnocephalus cernuus</i> (Percidae), in the Hutovo Blato wetland, Adriatic drainage system of Bosnia and Herzegovina. <i>Cybiurn</i> , 29(2): 205-206.
<i>Ictalurus punctatus</i> (Rafinesque, 1818)	Channel catfish	-	-	horizon		
<i>Neogobius fluviatilis</i> (Pallas, 1811)	Monkey goby	Riječni glavoč	Una, Sava,	naturalized		Tutman, P., Zanella, D., Horvatić, S., Hamzić, A., Adrović, A., Dulčić, J., Glamuzina B. (2020). Freshwater gobies (Gobiidae) of Bosnia and Herzegovina: a review of the current status and distribution. <i>J. of Vertebrate Biology</i> , 69(4):20046.1-15. https://doi.org/10.25225/jvb.20046
<i>Neogobius melanostomus</i> (Pallas, 1811)	Round goby	Okrugli glavoč	Una, Sava,	naturalized		Tutman, P., Zanella, D., Horvatić, S., Hamzić, A., Adrović, A., Dulčić, J., Glamuzina B. (2020). Freshwater gobies (Gobiidae) of Bosnia and Herzegovina: a review of the current status and distribution. <i>J. of Vertebrate Biology</i> , 69(4):20046.1-15. https://doi.org/10.25225/jvb.20046
<i>Perccottus glenii</i> (Dybowski, 1877)	Amur sleeper	-	-	horizon		
<i>Megalobrama terminalis</i> (Richardson, 1846)	Black Amur bream					
<i>Mylopharyngodon piceus</i> (Richardson, 1846)	Black carp					
<i>Perca fluviatilis</i> L.	Eurasian perch	Grgeč				
<i>Piaractus brachypomus</i> (Cuvier, 1818)	Pirapatinga					
<i>Pseudorasbora parva</i> (Temminck & Schlegel, 1846)	Topmouth gudgeon					
<i>Thymallus thymallus</i> L.	Grayling	Lipljen				
MAMMALIA						
<i>Myocastor coypus</i> (Molina, 1782)	Coypu	Barski dabar	-	horizon		
<i>Neovison vison</i> (Schreber, 1777)	American mink	Američka vidrica	-	horizon		

*for freshwater: Acclimatized, naturalized, unknown or horizon; for marine: extant, or horizon- including casual