Oncorhynchus mykiss (Walbaum, 1792)

AphiaID: 127185

RAINBOW TROUT

Animalia (Reino) > Chordata (Filo) > Vertebrata (Subfilo) > Gnathostomata (Superclasse) > Pisces (Superclasse-2) > Actinopterygii (Classe) > Salmoniformes (Ordem) > Salmonidae (Familia)

Jacob Bowman

Geographic distribution

- *O. mykiss* is an alien and invasive species introduced in Portugal. This species is primarily a freshwater fish, although sea-run populations, often known as steelhead, exist in some areas. However, populations of *O. mykiss* are capable of migrating to and surviving in the sea.

Synonyms

Fario gairdneri (Richardson, 1836)
Onchorrhychus mykiss (Walbaum, 1792)
Onchorynchus mykiss (Walbaum, 1792)
Oncorhynchus gairdnerii (Richardson, 1836)
Oncorhynchus kamloops Jordan, 1892
Oncorhynchus mykiss nelsoni Evermann, 1908
Oncorhynchus myskis (Walbaum, 1792)
Parasalmo mykiss (Walbaum, 1792)
Parasalmo penshinensis (Pallas, 1814)
Salmo gairdneri Richardson, 1836
Salmo gairdneri irideus Gibbons, 1855
Salmo gairdneri shasta Jordan, 1894
Salmo gairdnerii Richardson, 1836
Salmo gairdnerii gairdnerii Richardson, 1836
Salmo gairdnerii irideus Gibbons, 1855
Salmo gilberti Jordan, 1894
Salmo iridea Gibbons, 1855
Salmo irideus Gibbons, 1855
Salmo irideus argentatus Bajkov, 1927
Salmo kamloops (Jordan, 1892)
Salmo kamloops whitehousei Dymond, 1931
Salmo masoni Suckley, 1860
Salmo mykiss Walbaum, 1792
Salmo nelsoni Evermann, 1908
Salmo penshinensis Pallas, 1814
Salmo purpuratus Pallas, 1814
Salmo rivularis Ayres, 1855
Salmo rivularis kamloops (Jordan, 1892)
Salmo truncatus Suckley, 1859
Trutta iridea (Gibbons, 1855)

References

additional source Eschmeyer, W. N.; Fricke, R.; van der Laan, R. (eds). (2017). Catalog of Fishes: Genera, Species, References. Electronic version., available online at http://researcharchive.calacademy.org/research/Ichthyology/catalog/fishcatmain.asp [details]

additional source Artedi, P.; Linnaeus, C. V.; Walbaum, J. J. (1792). Petri Artedi Sueci Genera piscium : in quibus systema totum ichthyologiae proponitur cum classibus, ordinibus, generum characteribus, specierum differentiis, observationibus plurimis : redactis speciebus 242 ad genera 52 : Ichthyologiae. , available online at https://doi.org/10.5962/bhl.title.58874 [details]

additional source Froese, R. & D. Pauly (Editors). (2018). FishBase. World Wide Web electronic publication. , available online at http://www.fishbase.org [details]

basis of record van der Land, J.; Costello, M.J.; Zavodnik, D.; Santos, R.S.; Porteiro, F.M.; Bailly, N.; Eschmeyer, W.N.; Froese, R. (2001). Pisces, in: Costello, M.J. et al. (Ed.) (2001). European register of marine species: a check-list of the marine species in Europe and a bibliography of guides to their identification. Collection Patrimoines Naturels, 50: pp. 357-374 [details]

additional source Scott, W.B.; Scott, M.G. (1988). Atlantic fishes of Canada. Canadian Bulletin of Fisheries and Aquatic Sciences. No. 219. 731 pp. [details]

additional source Streftaris, N.; Zenetos, A.; Papathanassiou, E. (2005). Globalisation in marine ecosystems: the story of non-indigenous marine species across European seas. Oceanogr. Mar. Biol. Ann. Rev. 43: 419-453. [details]

additional source King, C.M.; Roberts, C.D.; Bell, B.D.; Fordyce, R.E.; Nicoll, R.S.; Worthy, T.H.; Paulin, C.D.; Hitchmough, R.A.; Keyes, I.W.; Baker, A.N.; Stewart, A.L.; Hiller, N.; McDowall, R.M.; Holdaway, R.N.; McPhee, R.P.; Schwarzhans, W.W.; Tennyson, A.J.D.; Rust, S.; Macadie, I. (2009). Phylum Chordata: lancelets, fishes, amphibians, reptiles, birds, mammals, in: Gordon, D.P. (Ed.) (2009). New Zealand inventory of biodiversity: 1. Kingdom Animalia: Radiata, Lophotrochozoa, Deuterostomia. pp. 431-554. [details]

additional source Lutaenko, K.A.; Furota, T.; Nakayama; S.; Shin, K.; Xu, J. (2013). Atlas of Marine Invasive Species in the NOWPAP Region. Beijing: NOWPAP DINRAC (Northwest Pacific Action Plan, Data and Information Network Regional Center). 189 pp. [details]

context source (Introduced species) Katsanevakis, S.; Bogucarskis, K.; Gatto, F.; Vandekerkhove, J.; Deriu, I.; Cardoso A.S. (2012). Building the European Alien Species Information Network (EASIN): a novel approach for the exploration of distributed alien species data. BioInvasions Records. 1: 235-245., available online at http://easin.jrc.ec.europa.eu [details]

context source (HKRMS) Leung KMY., Chu JCW. & Wu RSS. (2003).Reducing nitrogen pollution loading from fish farming by changing feeding practices: an example from Hong Kong. In: Morton B, editor. Proceedings of an International Workshop Reunion Conference, Hong Kong: Perspectives on Marine Environment Change in Hong Kong and Southern China, 1977-2001. Hong Kong University Press, Hong Kong. pp 543-554. [details]

context source (RAS) Australian Antarctic Data Centre. , available online at https://data.aad.gov.au/aadc/biodiversity/ [details]

context source (Schelde) Breine, J.; Van Thuyne, G. (2014). Opvolging van het visbestand in de Zeeschelde: Viscampagnes 2013. Rapporten van het Instituut voor Natuur- en Bosonderzoek, INBO.R.2014.1413950. Instituut voor Natuur- en Bosonderzoek (INBO): Brussel. 52 pp. [details]

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