GLOBAL INVASIVE SPECIES DATABASE

FULL ACCOUNT FOR: ***Xiphophorus hellerii***

Xiphophorus hellerii 正體中文 **System:** Freshwater

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Actinopterygii	Cyprinodontiformes	Poeciliidae

Common name

Synonym

Poecilia helleri , (Heckel, 1848)
Xiphophorus brevis , (Regan, 1907)
Xiphophorus guentheri , (Jordan & Evermann, 1896)
Xiphophorus guntheri , (Jordan & Evermann, 1896)
Xiphophorus helleri , (Heckel, 1848)
Xiphophorus helleri brevis , (Regan, 1907)
Xiphophorus helleri helleri , (Heckel, 1848)
Xiphophorus helleri strigatus , (Regan, 1907)
Xiphophorus hellerii guentheri , (Jordan & Evermann, 1896)
Xiphophorus jalapae , (Meek, 1902)
Xiphophorus rachovii , (Regan, 1911)
Xiphophorus strigatus , (Regan, 1907)

Similar species

Summary

Xiphophorus hellerii is native to Central America. A very popular aquarium fish, it has been introduced to many countries around the world. Although Xiphophorus hellerii is rarely documented, its introduction into the natural environment has probably resulted in ecological consequences on native fish species.

view this species on IUCN Red List

Principal source:

Compiler: Comité français de l'UICN (IUCN French Committee) & IUCN SSC Invasive Species Specialist Group (ISSG)

Review:

Pubblication date: 2008-03-14

ALIEN RANGE

[1] MARTINIQUE
[1] PERU
[1] NEW CALEDONIA
[1] REUNION

Red List assessed species 3: EN = 2; VU = 1;

Agalychnis annae **EN**
Erinna newcombi **VU**
Tenuibranchiurus glypticus **EN**

BIBLIOGRAPHY

12 references found for **Xiphophorus hellerii**

Managment information

Centre for Environment, Fisheries & Aquaculture Science (CEFAS)., 2008. Decision support tools-Identifying potentially invasive non-native marine and freshwater species: fish, invertebrates, amphibians.

Summary: The electronic tool kits made available on the Cefas page for free download are Crown Copyright (2007-2008). As such, these are freeware and may be freely distributed provided this notice is retained. No warranty, expressed or implied, is made and users should satisfy themselves as to the applicability of the results in any given circumstance. Toolkits available include 1) FISK- Freshwater Fish Invasiveness Scoring Kit (English and Spanish language version); 2) MFISK- Marine Fish Invasiveness Scoring Kit; 3) MI-ISK- Marine invertebrate Invasiveness Scoring Kit; 4) FI-ISK- Freshwater Invertebrate Invasiveness Scoring Kit and AmphISK- Amphibian Invasiveness Scoring Kit. These tool kits were developed by Cefas, with new VisualBasic and computational programming by Lorenzo Vilizzi, David Cooper, Andy South and Gordon H. Copp, based on VisualBasic code in the original Weed Risk Assessment (WRA) tool kit of P.C. Pheloung, P.A. Williams & S.R. Halloy (1999).
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Cossios E. Daniel, 2010. Vertebrados naturalizados en el Per&#65533;: historia y estado del conocimiento (Naturalised vertebrates in Peru: history and state of knowledge) Rev. peru. biol. 17(2): 179 - 189 (Agosto 2010)

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Summary: In 1993, Canada, Mexico and the United States signed the North American Agreement on Environmental Cooperation (NAAEC) as a side agreement to the North American Free Trade Agreement (NAFTA). The NAAEC established the Commission for Environmental Cooperation (CEC) to help the Parties ensure that improved economic efficiency occurred simultaneously with trinational environmental cooperation. The NAAEC highlighted biodiversity as a key area for trinational cooperation. In 2001, the CEC adopted a resolution (Council Resolution 01-03), which created the Biodiversity Conservation Working Group (BCWG), a working group of high-level policy makers from Canada, Mexico and the United States. In 2003, the BCWG produced the &#65533;Strategic Plan for North American Cooperation in the Conservation of Biodiversity.&#65533; This strategy identified responding to threats, such as invasive species, as a priority action area. In 2004, the BCWG, recognizing the importance of prevention in addressing invasive species, agreed to work together to develop the draft CEC Risk Assessment Guidelines for Aquatic Alien Invasive Species (hereafter referred to as the Guidelines). These Guidelines will serve as a tool to North American resource managers who are evaluating whether or not to introduce a non-native species into a new ecosystem. Through this collaborative process, the BCWG has begun to implement its strategy as well as address an important trade and environment issue. With increased trade comes an increase in the potential for economic growth as well as biological invasion, by working to minimize the potential adverse impacts from trade, the CEC Parties are working to maximize the gains from trade while minimizing the environmental costs.
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General information

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Summary: An online database that provides taxonomic information, common names, synonyms and geographical jurisdiction of a species. In addition links are provided to retrieve biological records and collection information from the Global Biodiversity Information Facility (GBIF) Data Portal and bioscience articles from BioOne journals.
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Keith, P. 2005. Revue des introductions de poissons et de crustac&#65533;s d&#65533;capodes d eau douce en Nouvelle-Cal&#65533;donie. Revue d Ecologie (La Terre et la vie), 60, 45-55.

Summary: Cet article propose un bilan complet et actualis&#65533; des introductions d esp&#65533;ces de poissons et de crustac&#65533;s d&#65533;capodes dans les eaux douces de Nouvelle-Cal&#65533;donie.

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Summary: Synth�se des introductions d esp�ces de vert�br�s en Nouvelle-Cal�donie et �valuation de leurs impacts.