

IUCN SSC Croaker and Drum Fishes Red List Authority

2020 Report



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Co-Chairs

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Number of members

55

Mission statement

The mission of the IUCN SSC Croaker and Drum Fishes Red List Authority is to revise and submit the assessment of all 300 species of Sciaenidae and, in addition, to redefine the goal of the second phase of Global Sciaenidae conservation.

Projected impact for the 2017-2020 quadrennium

By the end of 2020, we will complete the first global assessment of sciaenid fishes and will submit it to IUCN for final publication. A significant threat to Sciaenidae conservation has become more prominent since 2016 due to the popularity of Sciaenid Maws (dried gas bladder) for food and medicinal use in Asian countries. Larger species of Sciaenidae are sought to extract their gas bladders for the luxury market demand. The case of the Gulf of California Totoaba (*Totoaba macdonaldi*), a Critically Endangered species, has caused the near extinction of the endemic Vaquita (*Phocoena sinus*). Several large Sciaenidae species of the genus *Argyrosomus* and *Boesemania* are greatly sought after in Southeast Asia and conservation actions are urgently needed. Sciaenid species are popular food fish and are mostly captured for local food supplies. It is a very difficult resource for which to enforce policies regulating the capture of threatened species.

Targets for the 2017-2020 quadrennium

Assess

Documents review: review articles on the global Sciaenidae Red List assessment and taxonomic review.

Red List: (1) organise a Red List assessment and training workshop, planned for 25–29 September 2018, at the University of Malaysia, Terengganu, Malaysia (expecting 50 members to participate); (2) complete revision and new data for global Sciaenidae Red List assessments; (3) submit final draft reviews (proposed) of Sciaenidae Red List reassessments.

Network

Synergy: strengthen relationships among SSC Leaders, as well as develop new collaborations with other IUCN Commissions and open discussion for strategies, priorities and opportunities. Participate in the Fourth International Union for Conservation of Nature (IUCN) Species Survival Commission (SSC) Leaders' Meeting, 6–10 October 2019, Abu Dhabi, United Arab Emirates.

Activities and results 2020

Assess

Documents review

i. Two articles on global Red List assessments of Sciaenidae were reviewed.

Red List

i. Forty-seven (47) new assessments and three (3) reassessments were completed at the Malaysia workshop. (KSR #1)

ii. One hundred and fifty-four (154) reassessments were completed from all workshops. (KSR #1)

The Global Sciaenidae Conservation Network, Taiwan provides training at National Sun Yat-sen University
 Photo: Archives of the CDFRLA



Network

Synergy

i. Two poster presentations were prepared with discussion on potential cooperation with other groups. (KSR #1)

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Summary of activities 2020

Components of Species Conservation Cycle: 2/5

Assess **3** IIII

Network **1** I

Main KSRs addressed: 1

KSR: Key Species Result



A master student is extracting the otolith from a specimen of Spine Bahaba, *Bahaba polykladiskos*
 Photo: Archives of the CDFRLA



Prof. Ning Labbish Chao and the participants are observing a specimen of the Endangered Dusky Meagre, *Argyrosomus japonicus*
 Photo: Archives of the CDFRLA