

2021 Report

IUCN SSC Salmonid Specialist Group



CHAIR

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RED LIST AUTHORITY COORDINATOR

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NUMBER OF MEMBERS

8

Mission statement

Identify, assess status, describe key threats, and act to protect the diversity of populations and life histories of salmonids (fishes in the family Salmonidae) throughout their native range in the Northern Hemisphere and work to reduce or mitigate negative effects caused by introduced salmonids around the world.

Projected impact 2021–2025

We continue to support efforts in research and conservation of salmonids. Research and conservation work continues on Sakhalin Taimen (*Parahucho perryi*, Critically Endangered; appears on the IUCN Red List as *Hucho perryi*) in Japan and we maintain relationships with local conservation groups there; we also continue investing time to strengthen partnerships in Russia.

Targets 2021–2025

ASSESS

T-003 Complete range-wide assessments of Atlantic and Pacific salmon that includes status of species and individual subpopulations.

T-005 Reassess status of *Hucho* spp. and Sakhalin Taimen (*Parahucho perryi*).

ACT

T-006 Support efforts to create freshwater, estuarine and marine protected areas or fish reserves to conserve salmonids and support efforts to re-establish migratory corridors.

NETWORK

T-001 Establish regional Atlantic and Pacific Chairs, expand membership of the IUCN Salmonid Specialist Group (SSG) and increase diversity.

T-007 Provide support for proposals that raise funds for research and conservation of species, subspecies or individual populations of salmonids in underserved regions.

COMMUNICATE

T-002 Establish a website for the group to help raise awareness of our work and expand our network.

T-004 Through support from the '50 Freshwater Species at Risk' initiative and other related efforts, raise awareness of the need for conservation of Sakhalin Taimen (*Parahucho perryi*) in Russia and Japan.

T-008 Through outreach efforts, raise awareness of impact of climate change on salmonids.

Activities and results 2021

ASSESS

Red List

T-003 (KSR 6)

Number of new global Red List assessments completed: 0

Result description: We continued to support the Freshwater Biodiversity Unit in their assessment of both Atlantic and Pacific salmon, including several subpopulation assessments. These will be finalised in 2022.

T-005 (KSR 6)

Number of global Red List reassessments completed: 0

Result description: A proposal has been submitted to National Geographic to support workshop and field monitoring efforts.

NETWORK

Membership

T-001 (KSR 2)

Number of SSC members recruited: 2

Result description: I have appointed two regional chairs, Eva Thorstad and Matt Sloat. I am working with these two to extend invitations to new members to help increase diversity and cover new geographies.



Sakhalin Taimen (*Parahucho perryi*), featured in the Fantastic Freshwater report
 Photo: Seiji Narita, National Institute for Environmental Studies (NIES)

Synergy

T-007 (KSR 1)

Number of ‘funding’ partners established and maintained: 2

Result description: We assisted in the development of a proposal with a new research and conservation partner in Morocco to focus new work on Dades Trout (*Salmo multipunctata*) in the Atlas Mountains of Morocco. I am the lead investigator on a new proposal to National Geographic Society submitted in 2021 for research and conservation on Huchen and Taimen in Austria, Mongolia, Russia and Japan.

COMMUNICATE

Communication

T-004 (KSR 13)

Number of print communications materials distributed in relation to specific taxonomic groups: 1

Result description: The IUCN SSG nominated two species (Sakhalin Taimen, *Parahucho perryi*, and Danube Salmon, *Hucho hucho*) for the ‘50 Freshwater Species at Risk’ initiative. The Freshwater Conservation Committee ultimately selected one of these species (Sakhalin Taimen) to serve as one of the representative fish species on the list.

Summary of achievements

Total number of targets 2021–2025: 8

Geographic regions: 4 Global, 1 Africa, 1 America, 3 Asia, 3 Europe

Actions during 2021:

- Assess: 2 (KSR 6)
- Network: 2 (KSR 1, 2)
- Communicate: 1 (KSR 13)

Overall achievement 2021–2025:

