

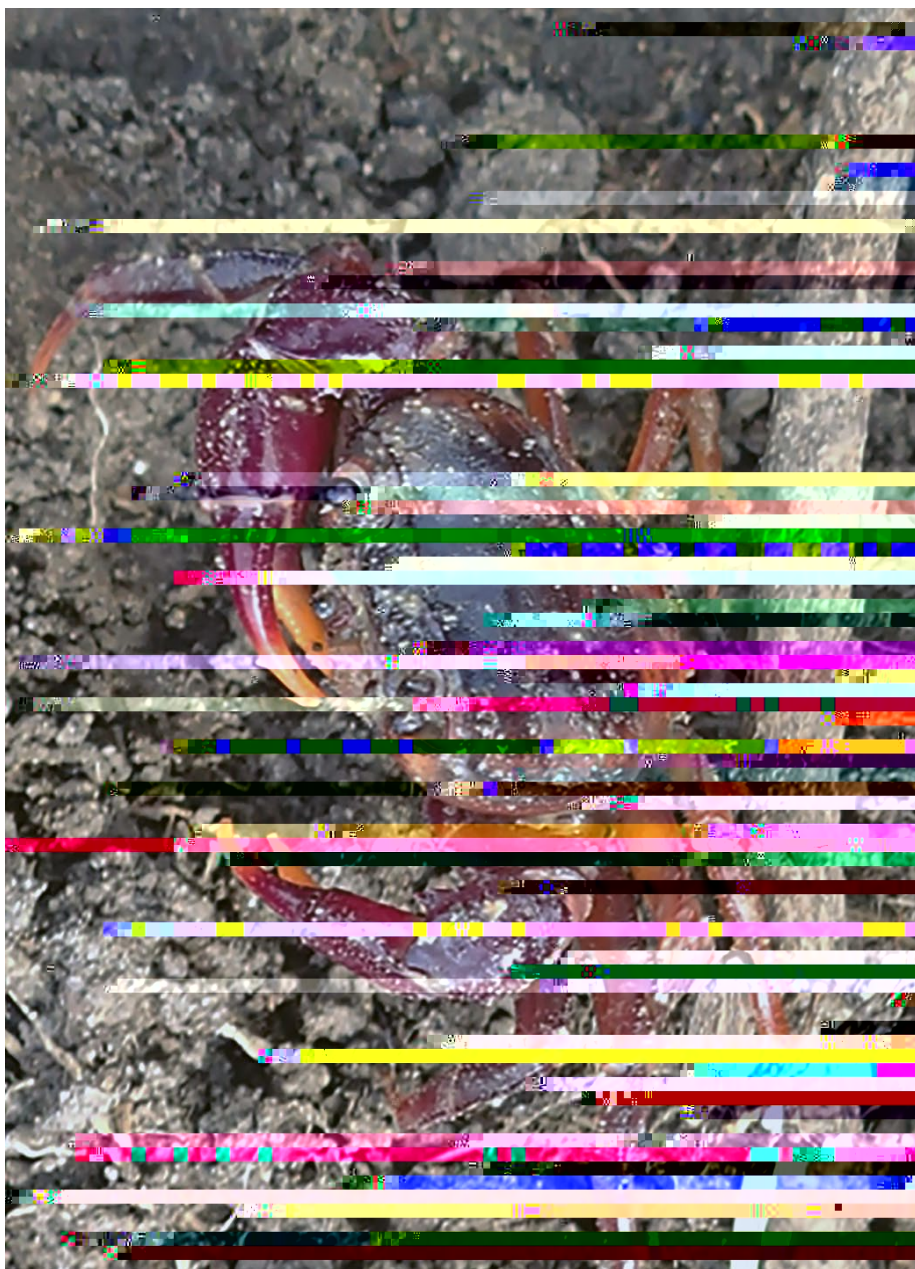




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**Mission statement**

The mission of the IUCN SSC Freshwater Crustacean Specialist Group (FCSG) is to



*Af i hel h a af elii* (CR) from Sierra Leone, recently rediscovered (2021) after more than 200 years without records  
 Photo: Pierre A. Mvogo Ndongo

**T-013** Conduct Red List assessments for *Aegla* species (Aeglididae).  
 Status: On track

**T-015** Update freshwater crab taxonomy with Red List assessments where applicable.  
 Status: On track

**T-016** Complete a global Red List reassessment of the freshwater crabs.  
 Status: Not initiated

**T-018** Conduct the Socotra Freshwater Crab red listing.  
 Status: On track

**T-021** Conduct the assessment of *A a a bi*.  
 Status: On track

**T-026** Conduct Red List reassessments of eight species of South African freshwater crabs.  
 Status: On track

**T-027** Conduct Red List reassessments of 25 species of land crabs.  
 Status: On track

**T-028** Conduct Red List assessment and reassessments of 15 species of freshwater crabs in Cameroon, Borneo and Mexico.  
 Status: On track

#### PLAN

**T-006** Plan reassessment meetings for the coming years: 1) crabs, 2) shrimp, 3) cray sh.  
 Status: On track

**T-008** Develop concepts for Marine Crustacean Specialist Group(s).  
 Status: On track

#### ACT

**T-022** Support efforts of an Ireland White-Clawed Cray sh Hatchery and additional project outputs.  
 Status: Not initiated

**T-024** Support letter for crab conservation in Colombia.  
Status: Achieved

#### NETWORK

**T-005** Increase membership in FCSG.  
Status: On track

**T-017** Training opportunities and linking with other relevant SSC groups.  
Status: Achieved

**T-023** Monitor Freshwater Animal Diversity Assessment (FADA) updates.  
Status: On track

#### COMMUNICATE

**T-003** Develop multiple communication channels for the FCSG.  
Status: Achieved

**T-014** Support Freshwater Conservation Committee communications highlighting freshwater species at risk and threats to freshwater systems.  
Status: Achieved

**T-019** Develop the FCSG Report 2021.  
Status: Achieved

**T-020** Develop the FCSF Report 2022.  
Status: Achieved

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### Activities and results 2023

#### ASSESS

##### Red List

**T-002** Update Red List status of *Euastacus* based on reassessments. (KSR 6)

Number of global Red List reassessments completed: 0

Result description: We have initiated reassessment projects for the genus *Euastacus* with colleagues in Australia.

**T-007** Update crayfish taxonomy with Red List assessments where applicable. (KSR 6)

Number of new global Red List assessments completed: 2

Result description: We have initiated reassessment projects for the genus *Euastacus* with colleagues in Australia and *Austropotamobates* with colleagues from Romania and are working towards updating the remainder of the taxonomy for the remainder of the Red List assessments in 2024.

**T-016** Complete a global Red List reassessment of the freshwater crabs. (KSR 6)

Number of global Red List reassessments completed: 0

Result description: Planning for a global reassessment and reassessment of the freshwater crabs has been in the planning pipeline for a while because most were done in 2009 and have not been updated since, except for a few local regions. Moving forward with this is awaiting funding. We anticipate at least two – possibly three – workshops that bring together major regions' specialists. This will need coordination with the Red List Unit in Cambridge, UK.

**T-018** Conduct the Socotra Freshwater Crab red listing. (KSR 6)

Number of national Red List reassessments published: 0

Result description: On several field visits and with in-country collaborators, Dr Kay van Damme obtained field data to inform assessments of at least two species of Socotran freshwater crab. These assessments will be updated and submitted to the IUCN Red List Unit in 2024. This work is supported via an SSC Internal Grant given

to the Freshwater Conservation Committee. The Freshwater Crustacean Specialist Group has not received any new field data on the Socotran freshwater crabs from Dr van Damme, but when we do, we can use it to update the existing Red List assessments. There are just three species of two genera found in Socotra. All are endemic and these Afrotropical species belong to an Asian family (Potamidae) not one of the African families, making them phylogenetically important as well as of conservation interest.

**T-027** Conduct Red List reassessments of 25 species of land crabs. (KSR 6)

Number of national Red List reassessments published: 0

Result description: Red List reassessments of 25 species of land crabs have been completed and are now ready to be submitted for publication on the IUCN Red List.

**T-028** Conduct Red List assessment and reassessments of 15 species of freshwater crabs in Cameroon, Borneo and Mexico. (KSR 6)

Number of national Red List reassessments published: 0

Result description: Red List assessment and reassessments of 15 species of freshwater crabs (13 in Cameroon, one in Borneo, one in Mexico) are being updated and are awaiting publication on the IUCN Red List.

#### Research activities

**T-015** Update freshwater crab taxonomy with Red List assessments where applicable. (KSR 5)

Updated freshwater crab taxonomy in place to support subsequent (re-)assessments of these species: Ongoing.

Result description: Freshwater crab taxonomy in the Afrotropical region has been radically updated recently. In addition, new species are being described and in all parts of the world at a global rate of about 30 a year. This means that the Red List for the freshwater crabs needs to be updated, but this is only one part of the effort needed. The other aspect is that nearly all of the newly described species have not yet been assessed. This Red List update is necessary to support subsequent (re-) assessments of these species.

## **PLAN**

### **Planning**

#### **T-008 Develop concepts for Marine Crustacean Specialist Group(s).** (KSR 8)

Number of conservation plans/strategies developed: 0

Result description: Attended an initial kick-off meeting about a marine decapod Specialist Group under IUCN, on May 31, organised by Amanda Vincent (MCC) and Monni Bohm (Global Center for Species Survival). A Marine Crustacean Specialist Group will likely be created in 2024, pending sufficient interest by potential members.

### **Policy**

#### **T-006 Plan reassessment meetings for the coming years: 1) crabs, 2) shrimp, 3) crayfish.** (KSR 9)

Number of documents provided to support/guide policy-making: 0

Result description: The process has temporarily stalled and is still awaiting funding. The plan for the global reassessment is.

