

# IUCN SSC Terrestrial and Freshwater Invertebrate Red List Authority

2020 Report



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## Red List Authority Coordinator

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## Location/Affiliation

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## Number of members

42

## Social networks

Twitter: @tirla1

## Mission statement

To support the expansion of invertebrates assessed for the IUCN Red List.

## Projected impact for the 2017-2020 quadrennium

Our activities contribute to the continued, yet slow progress towards a meaningful Barometer of Life.

## Targets for the 2017-2020 quadrennium

### Assess

Red List: support any invertebrate Red List assessment not currently covered by any Specialist Group.

Research activities: input into and collaborate on relevant publications relating to Red Listing of invertebrates, e.g. with the Invertebrate Conservation Committee.

## Activities and results 2020

### Assess

#### Red List

**i.** One-hundred and eleven species published on the IUCN Red List of Threatened Species in 2020 went through the Terrestrial and Freshwater Invertebrate Red List Authority (TIRLA). Of these, 75 were species of beetle, primarily from a project led by the IUCN Red List Unit (Madagascar beetles); 24 were freshwater crabs (in conjunction with the Freshwater Crustacean Specialist Group); and 6 were millipedes. For the remainder of assessments, TIRLA provided reviews to existing Specialist Groups. TIRLA also provided reviewer comments on the report on the conservation status and distribution of Mediterranean Dung Beetles, published by the IUCN Mediterranean Office in late 2020. (KSR #1)

#### Research activities

**i.** TIRLA contributed to a paper, led by the Invertebrate Conservation Committee, on a strategy to address data deficiency in neglected biodiversity (Hochkirch, A., et al. (2020). 'A strategy for the next decade to address data deficiency in neglected biodiversity'. *Conservation Biology* 35:502–509. <https://doi.org/10.1111/cobi.13589>). (KSR #1)

## Summary of activities 2020

Components of Species Conservation Cycle: 1/5

Assess **2** **||**

Main KSRs addressed: 1

KSR: Key Species Result



*Nematopus* sp.  
Photo: Michael Meyer



*Sternuchopsis praeustus*  
Photo: Gregory Setliff



*Tricondyla aptera*  
Photo: Gregory Setliff