



CONSERVATION FACT SHEET

Tenrecs and Otter Shrews (Tenrecidae)

Species (34) by sub-family:		Red List status (2016)
Potamogalinae		
<i>Potamogale velox</i>	Giant otter shrew	Least Concern
<i>Micropotamogale lamottei</i>	Nimba otter shrew	Near Threatened
<i>Micropotamogale ruwenzorii</i>	Ruwenzori otter shrew	Least Concern
Tenrecinae		
<i>Echinops telfairi</i>	Lesser hedgehog tenrec	Least Concern
<i>Hemicentetes semispinosus</i>	Lowland streaked tenrec	Least Concern
<i>Hemicentetes nigriceps</i>	Highland streaked tenrec	Least Concern
<i>Setifer setosus</i>	Greater hedgehog tenrec	Least Concern
<i>Tenrec ecaudatus</i>	Tailless tenrec	Least Concern
Geogalinae		
<i>Geogale aurita</i>	Large-eared tenrec	Least Concern
Oryzorictinae		
<i>Limnogale mergulus</i>	Aquatic tenrec	Vulnerable
<i>Microgale brevicaudata</i>	Short-tailed shrew tenrec	Least Concern
<i>Microgale cowani</i>	Cowan's shrew tenrec	Least Concern
<i>Microgale dobsoni</i>	Dobson's shrew tenrec	Least Concern
<i>Microgale drouhardi</i>	Drouhard's shrew tenrec	Least Concern
<i>Microgale dryas</i>	Dryad shrew tenrec	Vulnerable
<i>Microgale fotsifotsy</i>	Pale shrew tenrec	Least Concern
<i>Microgale gracilis</i>	Gracile shrew tenrec	Least Concern
<i>Microgale grandidieri</i>	Grandidier's shrew tenrec	Least Concern
<i>Microgale gymnorhyncha</i>	Naked-nosed shrew tenrec	Least Concern
<i>Microgale jenkinsae</i>	Jenkin's shrew tenrec	Endangered
<i>Microgale jobihely</i>	Northern shrew tenrec	Endangered
<i>Microgale longicaudata</i>	Lesser long-tailed shrew tenrec	Least Concern
<i>Microgale majori</i>	Major's long-tailed tenrec	Least Concern
<i>Microgale monticola</i>	Montane shrew tenrec	Vulnerable
<i>Microgale nasoloi</i>	Nasolo's shrew tenrec	Vulnerable
<i>Microgale parvula</i>	Pygmy shrew tenrec	Least Concern
<i>Microgale principula</i>	Greater long-tailed shrew tenrec	Least Concern
<i>Microgale pusilla</i>	Least shrew tenrec	Least Concern
<i>Microgale soricoides</i>	Shrew-toothed shrew tenrec	Least Concern
<i>Microgale taiva</i>	Taiva shrew tenrec	Least Concern
<i>Microgale talazaci</i>	Talazac's shrew tenrec	Least Concern
<i>Microgale thomasi</i>	Thomas's shrew tenrec	Least Concern
<i>Oryzorictes hova</i>	Mole-like rice tenrec	Least Concern
<i>Oryzorictes tetradactylus</i>	Four-toed rice tenrec	Data Deficient

Note that tenrec taxonomy – especially in the Oryzorictinae - is under revision and some authorities use different nomenclature to the IUCN Red List. The Red List status of species will be reassessed when appropriate.

Main threats and pressures:	Habitat loss for agriculture, infrastructure, mining and urbanization (all species)
	Encroachment of habitat by cattle or introduced species such as wild boar (all species)
	Hunting for bushmeat (larger tenrecine species)
	Incidental capture in fish traps (aquatic tenrec, otter shrews)
	Limited pet trade (some larger species)
	Climate change (Madagascar ranked third in the world for extreme climate risk).

Main conservation and research action required		
Main Actions	Details/Locations	Estimated cost (US\$) 2016 - 2020
Develop standardized monitoring protocols for tenrecs to track trends over time and produce more data for Red List assessments.	Develop monitoring protocols	US\$ 30,000
Conduct surveys to determine the distribution and abundance, and to assess the conservation status, of the four-toed rice tenrec	Andringitra Massif and central highlands	US\$ 100,000
Integrate the monitoring of tenrecs into the management of key protected areas housing threatened or near threatened species so as to track their status and threats and identify key conservation actions.	<p>13 key sites in Madagascar:</p> <p>Ambatovaky Special Reserve (<i>M. dryas</i>)</p> <p>Analavelona sacred forest (<i>M. nasoloi</i>)</p> <p>Andringitra National Park (<i>L. mergulus</i>)</p> <p>Anjanaharibe-Sud Special Reserve and neighbouring massif (<i>M. dryas</i>, <i>M. monticola</i> - also 11 lemur spp!)</p> <p>Ankeniheny-Zahamena Corridor (central west) (<i>M. jobihely</i>)</p> <p>Bemanevika (north) (<i>M. jobihely</i>)</p> <p>Kirindy CFPP (<i>M. nasoloi</i>).</p> <p>Makira planned reserve. (<i>M. dryas</i>)</p> <p>Marojejy National Park (<i>M. monticola</i> - also 11 lemur spp)</p> <p>Mikea Forest (<i>M. jenkinsae</i>)</p> <p>Nosy Volo Reserve (<i>L. mergulus</i>)</p> <p>Ranomafana National Park (<i>L. mergulus</i>)</p> <p>Zombitse-Vohibasia National Park (<i>M. nasoloi</i>)</p> <p>5 key sites in Africa:</p> <p>Kahuzi-Biega NP, DRC (<i>M. ruwenzorii</i>)</p>	<p>Initial cost US\$ 65,000 then US\$ 20,000 p.a.</p> <p>Initial cost US\$ 50,000 then US\$ 15,000 p.a.</p>

Main conservation and research action required		
Main Actions	Details/Locations	Estimated cost (US\$) 2016 - 2020
	Mount Nimba Strict Nature Reserve, Guinea and Cote d'Ivoire (<i>M. lamottei</i>) Nyungwe Forest NP, Rwanda (<i>M. ruwenzorii</i>) Pic de Fon classified forest, Guinea (<i>M. lamottei</i>) Virunga NP, DRC (<i>M. ruwenzorii</i>).	
Assess the impact of hunting on tenrecine tenrecs (especially the tailless tenrec <i>T. ecaudatus</i> and the greater hedgehog tenrec <i>S. setosus</i>) in key protected areas	Identify key protected areas (interviews with staff) and conduct research into hunting levels. Good topic for a PhD or postdoc.	US\$ 50,000
Conduct an assessment of the impact of fishing on aquatic tenrecs and identify potential mitigation measures.	Key <i>Limnogle</i> sites such as Andringitra and Ranomafana. Good topic for a PhD or postdoc.	US\$ 50,000
Conduct genetic studies to clarify the taxonomy and species diversity within the genus <i>Microgale</i> , and to confirm the status of <i>M. prolixicaudata</i> .	Conduct studies of museum specimens.	US\$ 20,000

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