Planning for improved threatened species conservation

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SANBI Threatened Species Programme
Comprehensive Red List assessments

Plants
2009

Butterflies
2013

Reptiles
2013
South Africa currently has **2551** plant species threatened with extinction*

* SANBI. 2013. Statistics: Red List of South African Plants version 2013.1. Downloaded from Redlist.sanbi.org on 2013/03/23
Thank you to our data providers:

- Anne Lise Vlok/CapeNature
- Bolus Herbarium
- Buffelskloof Herbarium
- CREW Volunteers
- Ezemvelo KZN Wildlife
- Gauteng Department of Agriculture and Rural Development
- iSpot
- Lydenburg Herbarium
- Millennium Seed Bank Project
- Mpumalanga Parks and Tourism Agency
- Nick Helme
- Protea Atlas Project
- SANParks
...but not finished yet

- 175 threatened species still without spatial data
- Much cleaning and checking of out-of-range records still to be done
Species conservation commitments

South African Government’s Strategic **Outcome 10** - Environmental assets and natural resources that are well protected and continually enhanced - **Output 4**: # of species under formal protection increasing; Proportion of species threatened with extinction reduced

**Target 12**: By 2020, the extinction of known threatened species has been prevented and their conservation status, particularly of those most in decline, has been improved and sustained.

**GSPC 2020 Target 7**: At least 75% of known threatened plant species conserved in situ.
Threatened species in formally protected areas

1433 out of 2312 (62%) of analysed species have at least one record within a formally protected area.
An additional 68 (3%) threatened species protected in ~ 8000 km²
Threatened plant species protection levels*

- 35% Unprotected
- 19% Well protected
- 21% Moderately protected
- 25% Poorly protected

* according to targets suggested in Pfab et al. 2011. Biodiversity and Conservation 20:1001–1012
Areas of high concentrations of still unprotected threatened species
Priority areas

Piketberg and adjacent Sandveld
42 species
Vanrhynsdorp-Gifberg
34 species
Way forward

• Integration of threatened species priority sites in Protected Area Expansion Strategy and Biodiversity Stewardship priorities

• Consideration of threatened species’ protection levels in EIAs

• Similar analyses for butterflies, reptiles etc.