

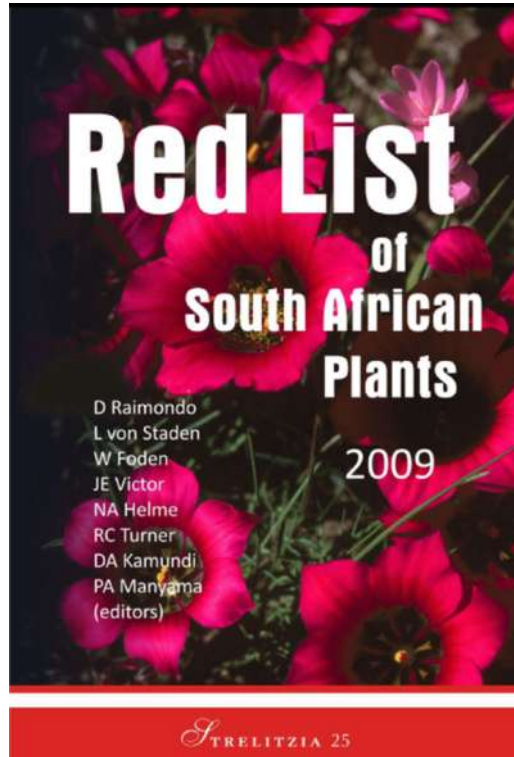
Planning for improved threatened species conservation

Lize von Staden

SANBI Threatened Species Programme



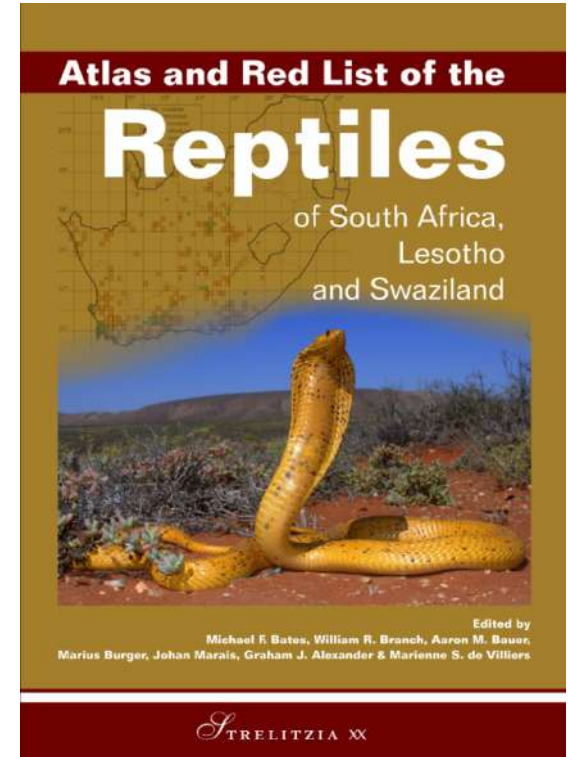
Comprehensive Red List assessments



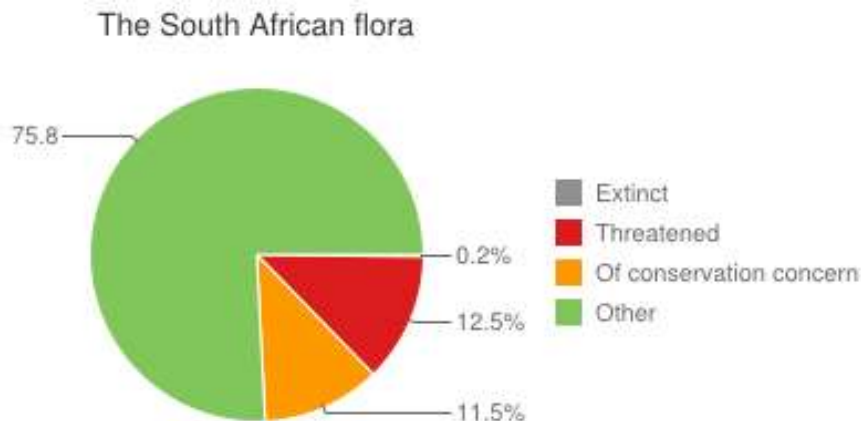
Plants
2009



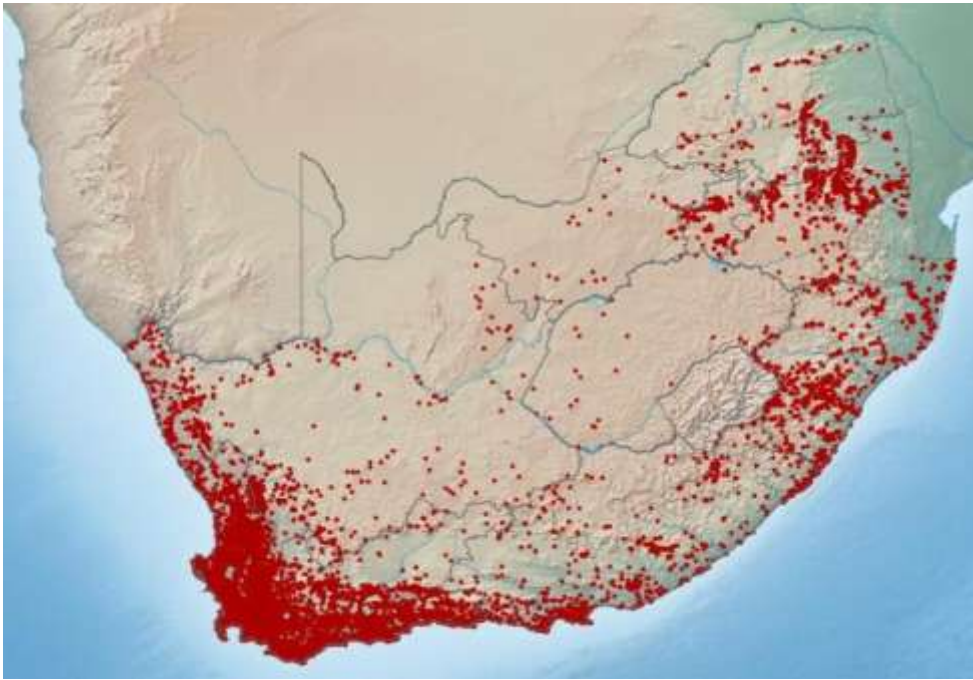
Butterflies
2013



Reptiles
2013



South Africa
currently has
2551 plant
species
threatened
with
extinction*



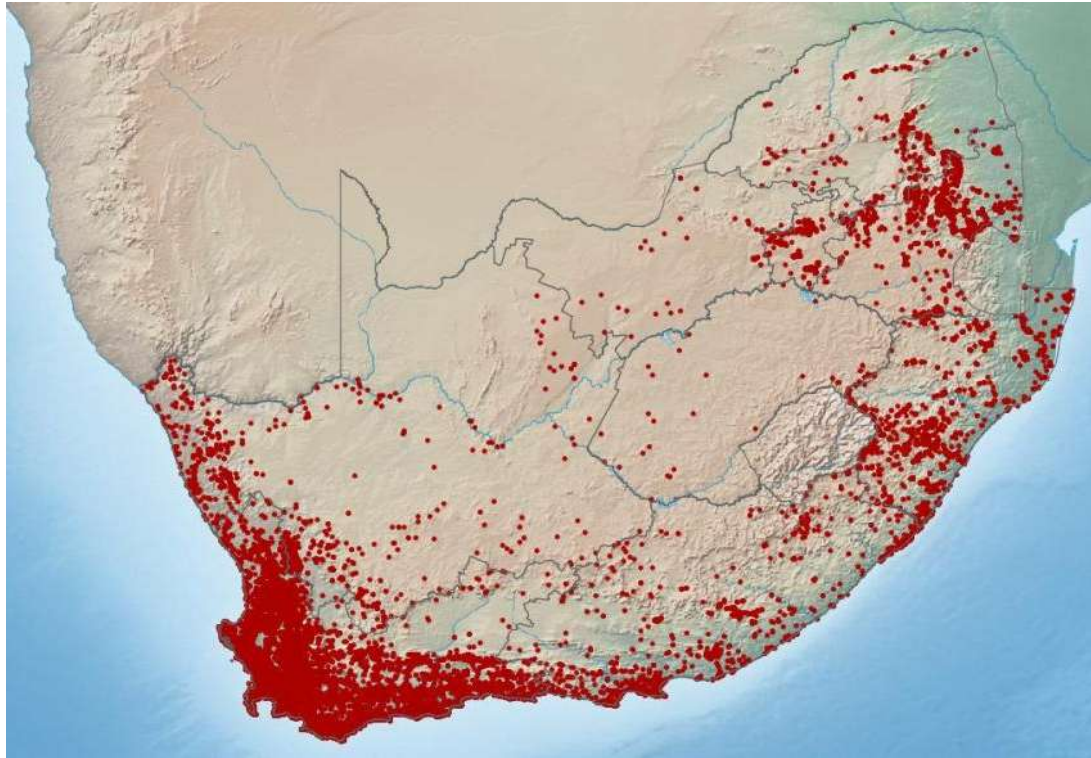
**Ilva
Rogers**

**> 57 000 PRECIS
records
georeferenced**

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.



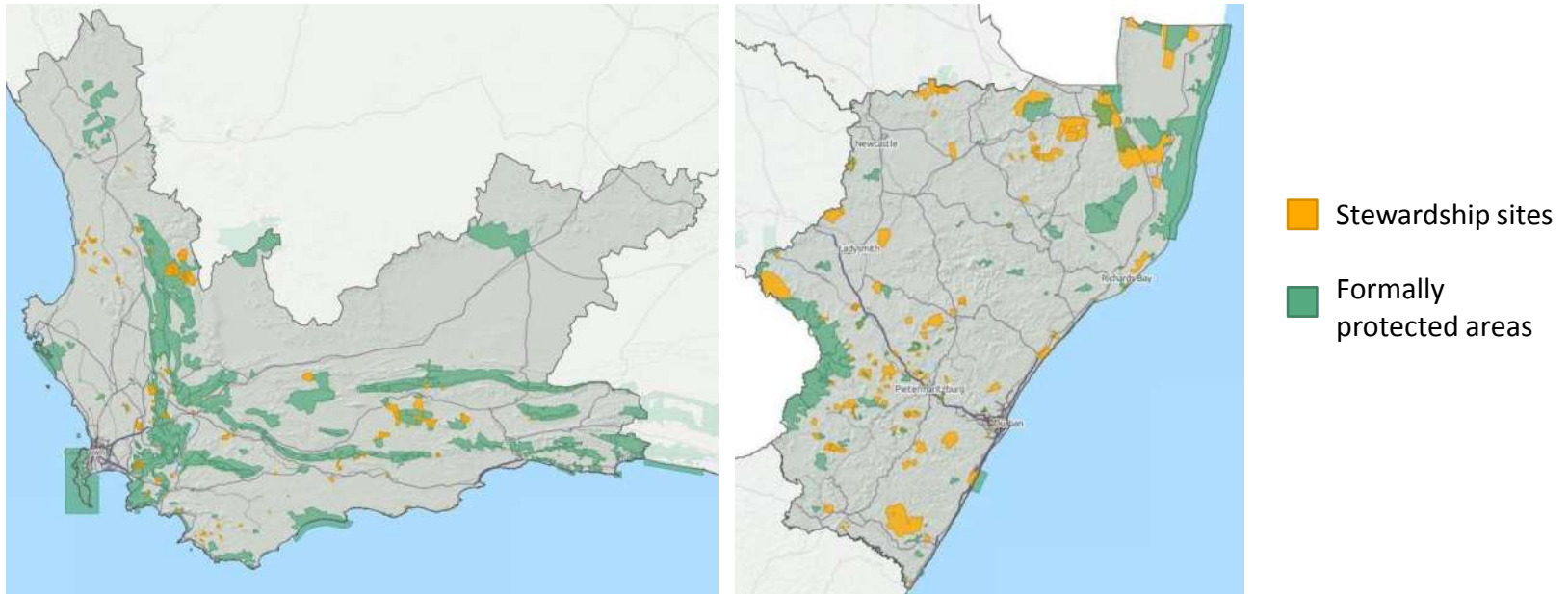
GSPC 2020 Target 7: At least 75% of known threatened plant species conserved in situ.

Threatened species in formally protected areas



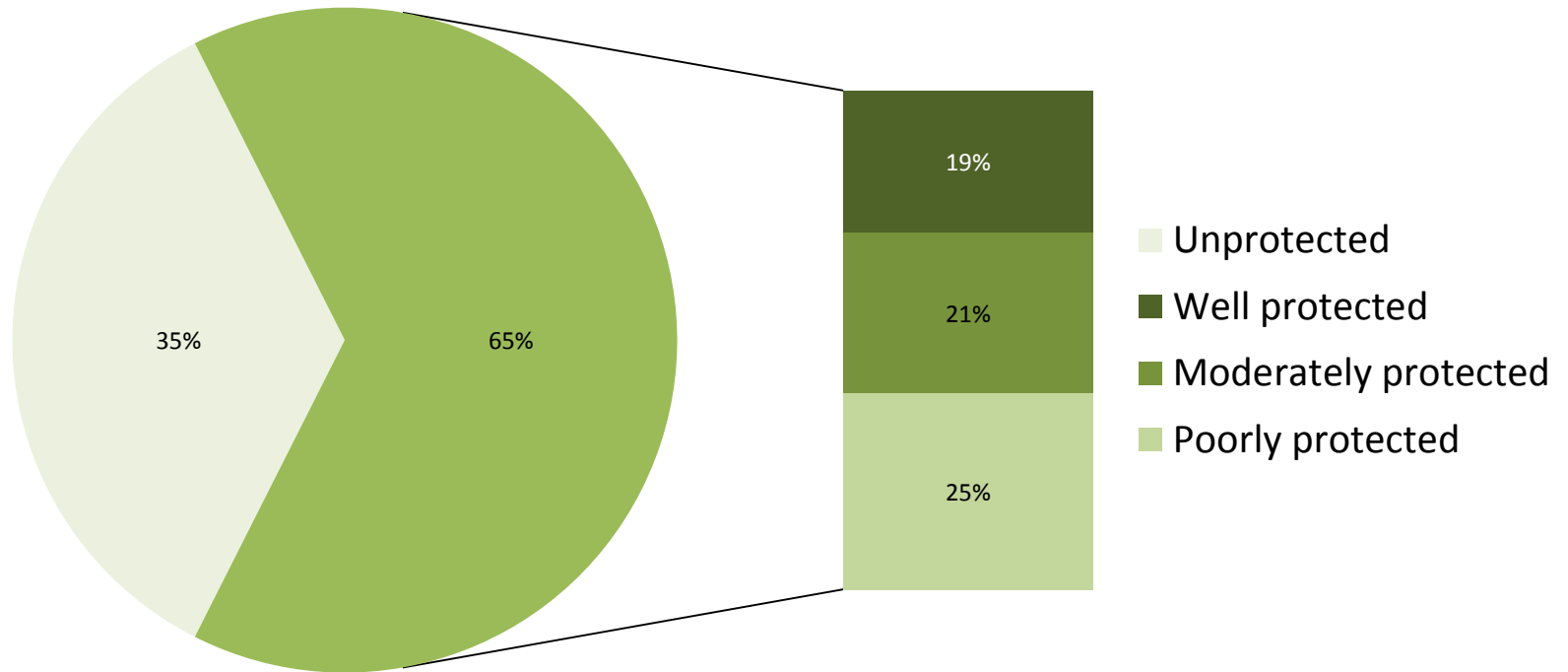
1433 out of 2312 (**62%**) of analysed species have at least one record within a formally protected area

Contribution of Biodiversity Stewardship



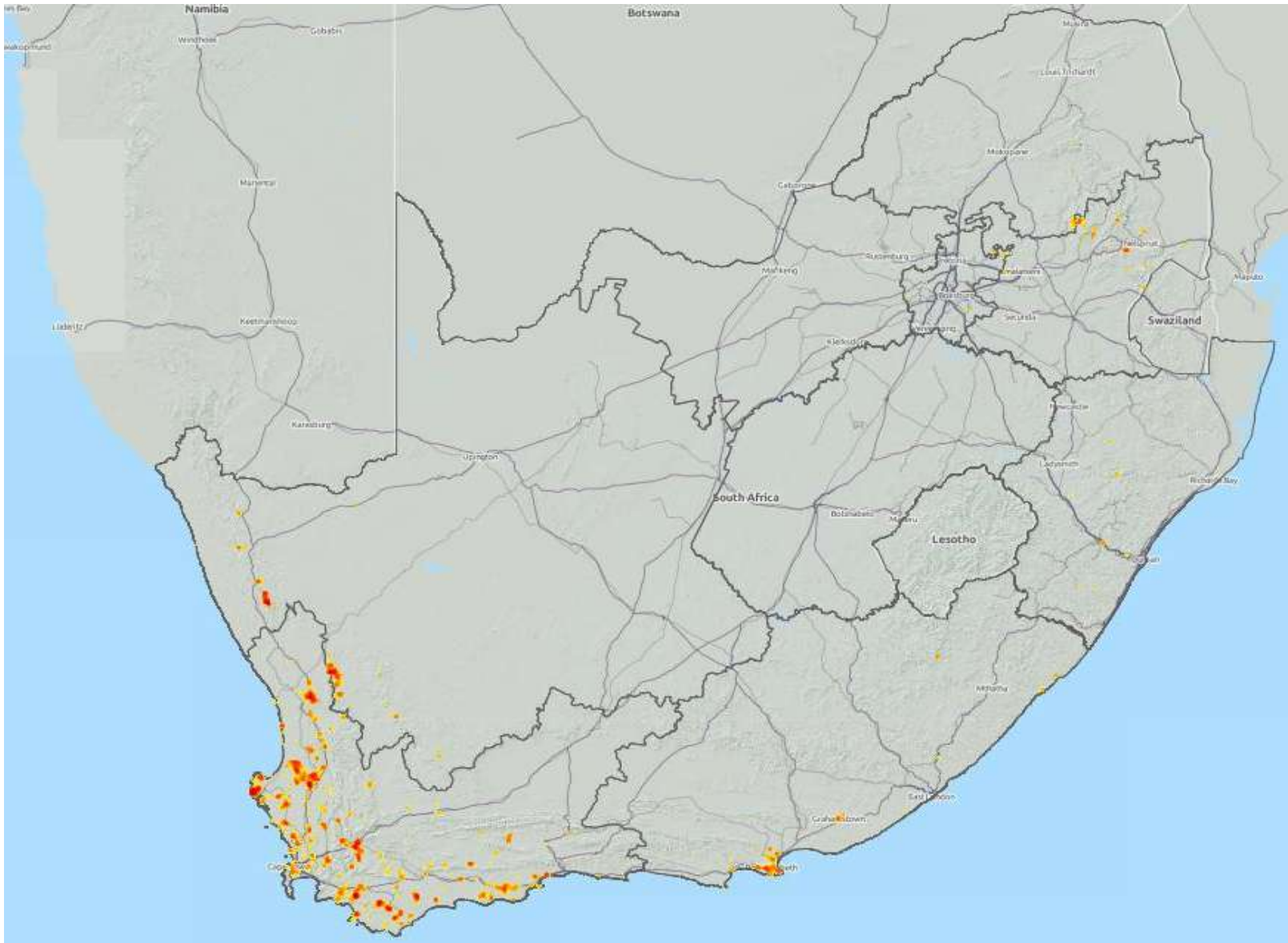
An additional 68 (**3%**) threatened species protected in $\sim 8000 \text{ km}^2$

Threatened plant species protection levels*

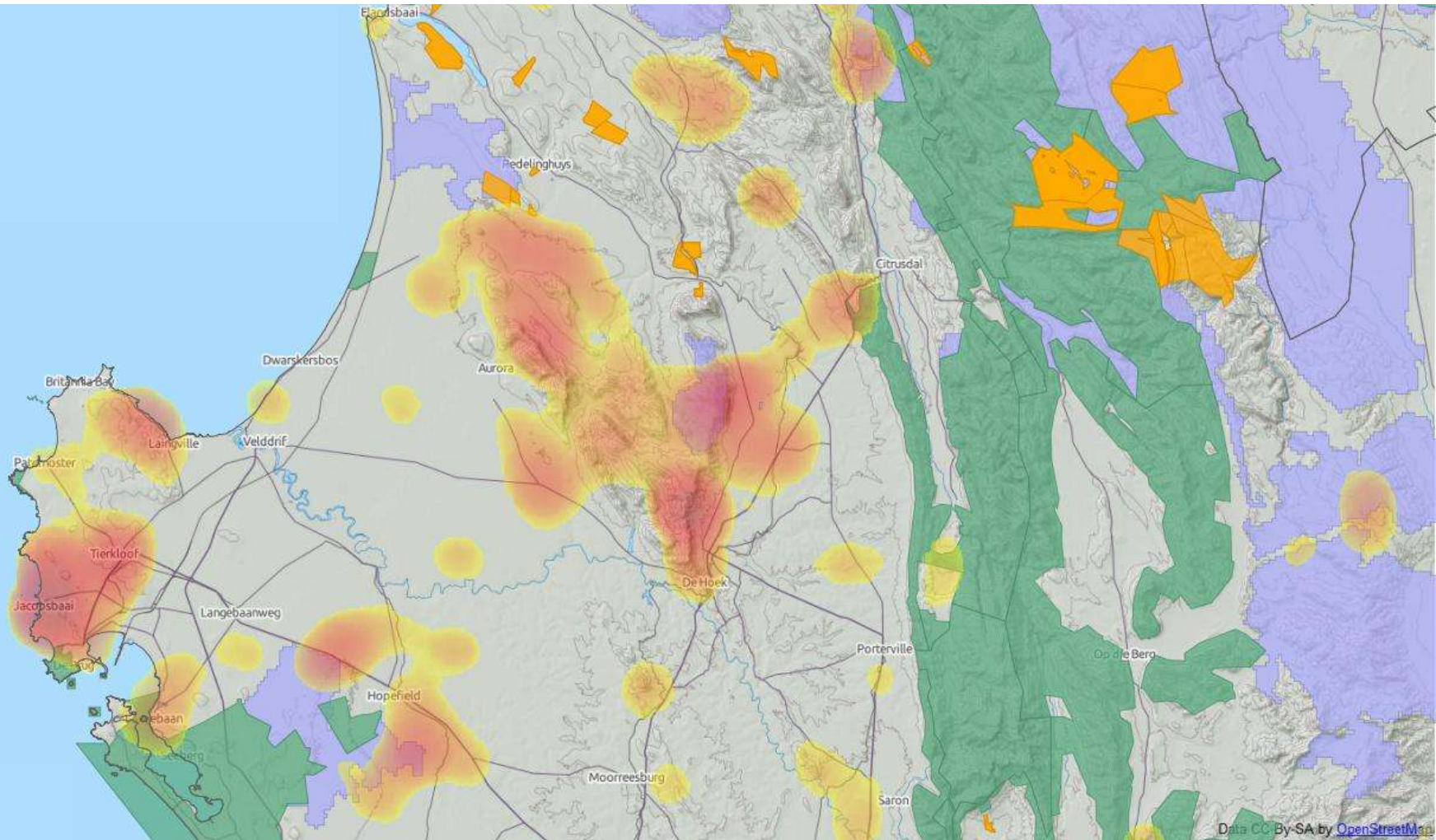


* according to targets suggested in Pfab et al. 2011. Biodiversity and Conservation 20:1001–1012

Areas of high concentrations of still unprotected threatened species

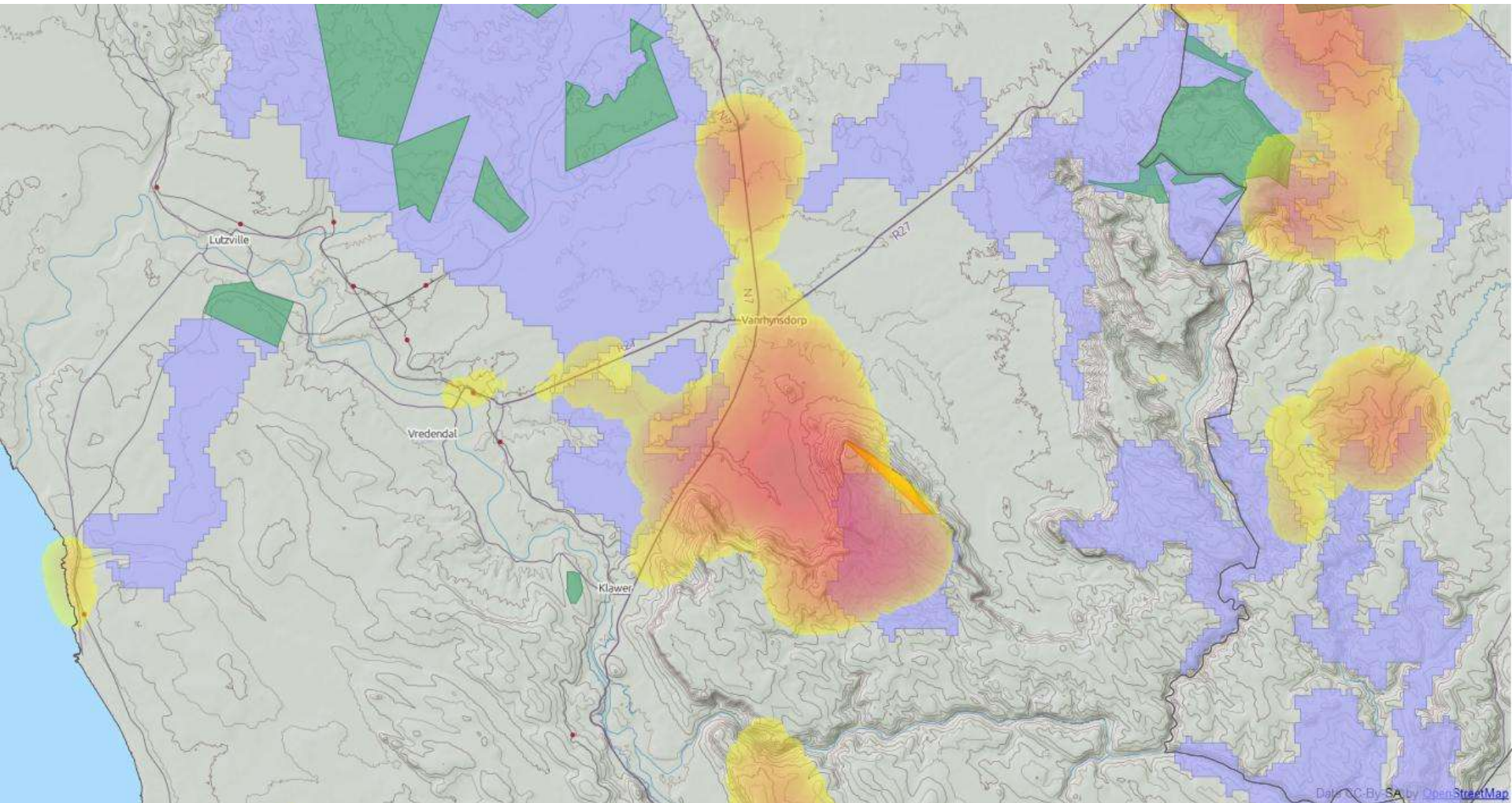


Priority areas



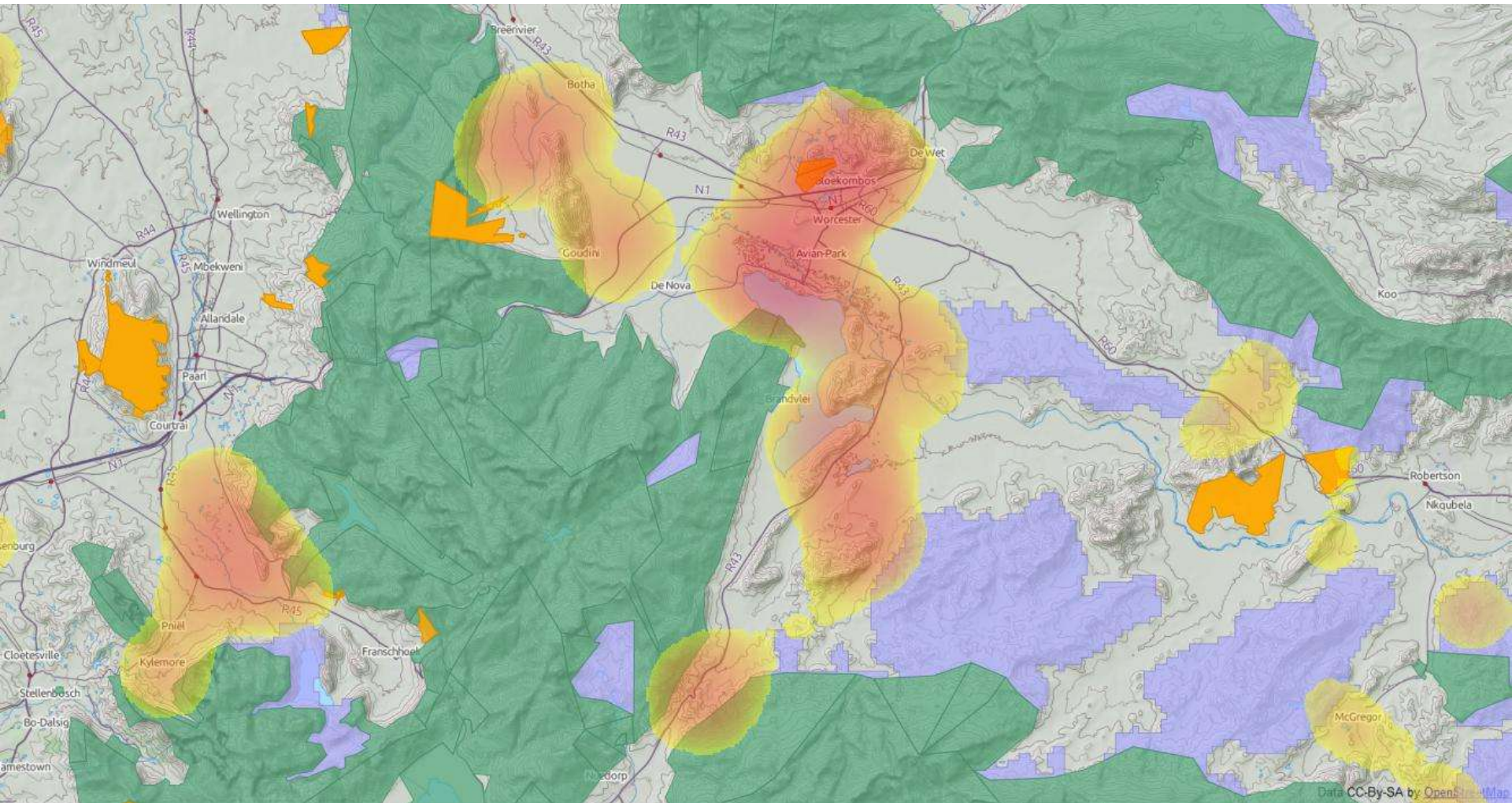
Piketberg and adjacent Sandveld
42 species

Priority areas



Vanrhynsdorp-Gifberg
34 species

Priority areas



Worcester-Stettyn
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.