



# Accessing primary biodiversity data

Fhatani Ranwashe

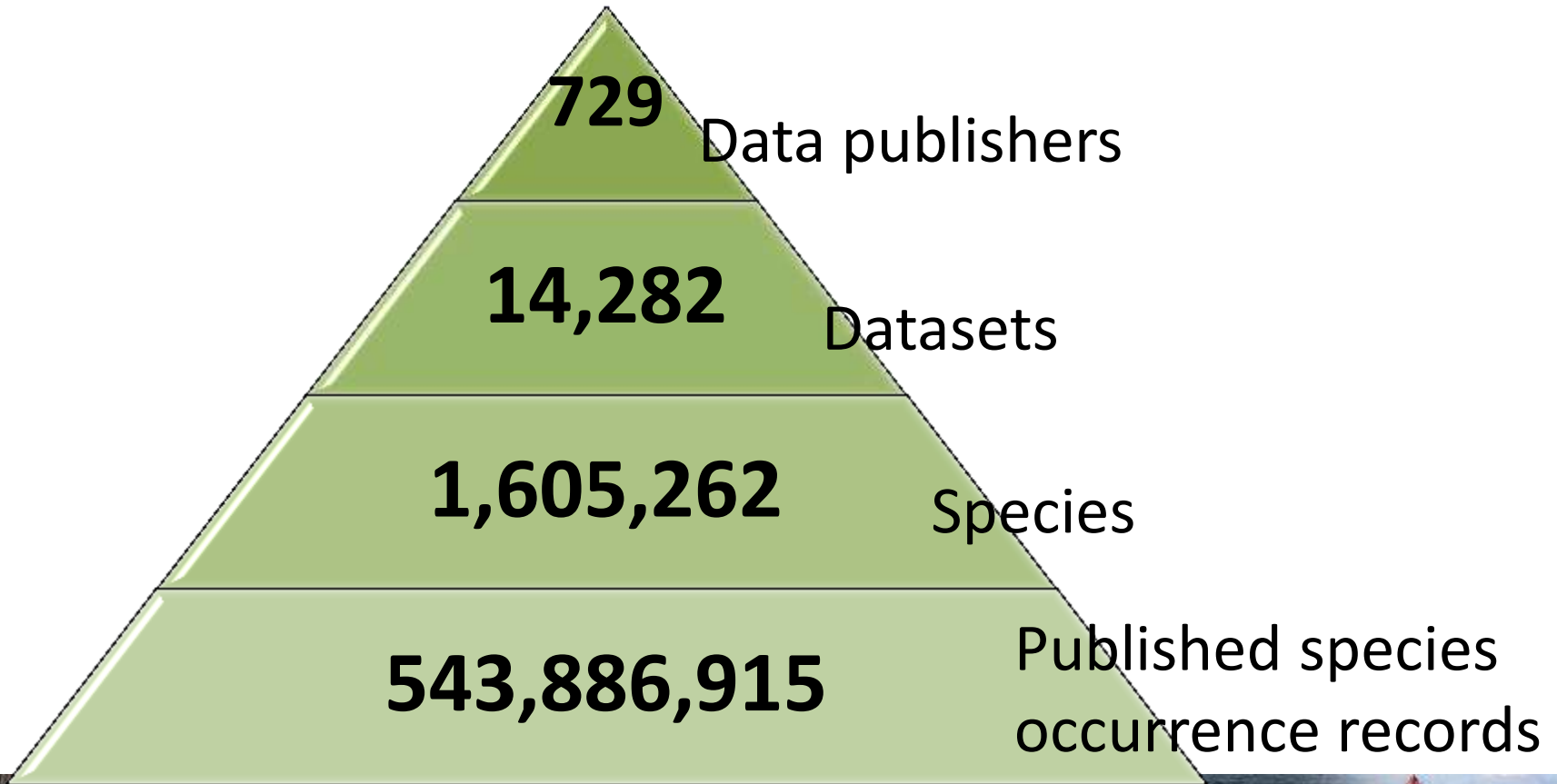
# Primary biodiversity data

- Species occurrence data
  - field observations
  - Herbarium/Museum specimens
  - systematic surveys
- Taxonomic information
- Locality information with coordinates
- Metadata
- Standards for publishing primary biodiversity data



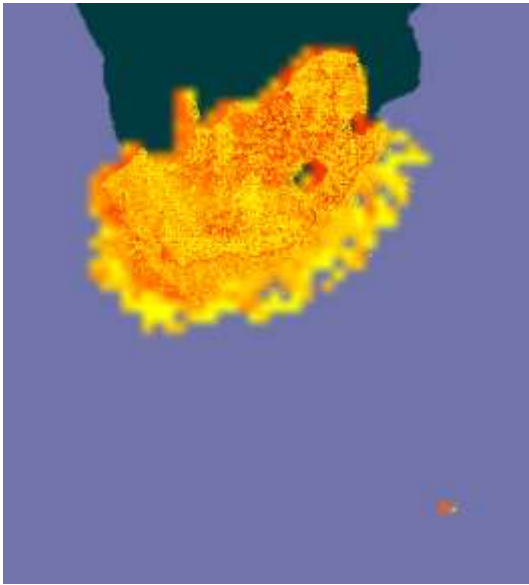
# Global Biodiversity Information Facility

<http://www.gbif.org/>



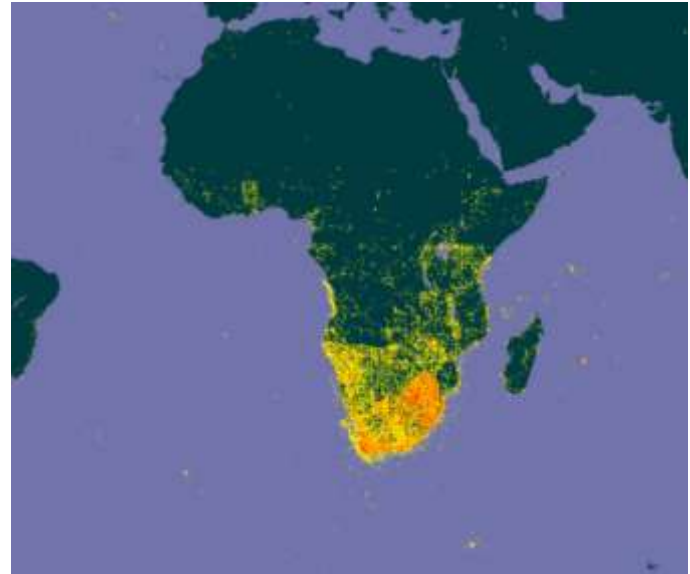


# South Africa biodiversity data online

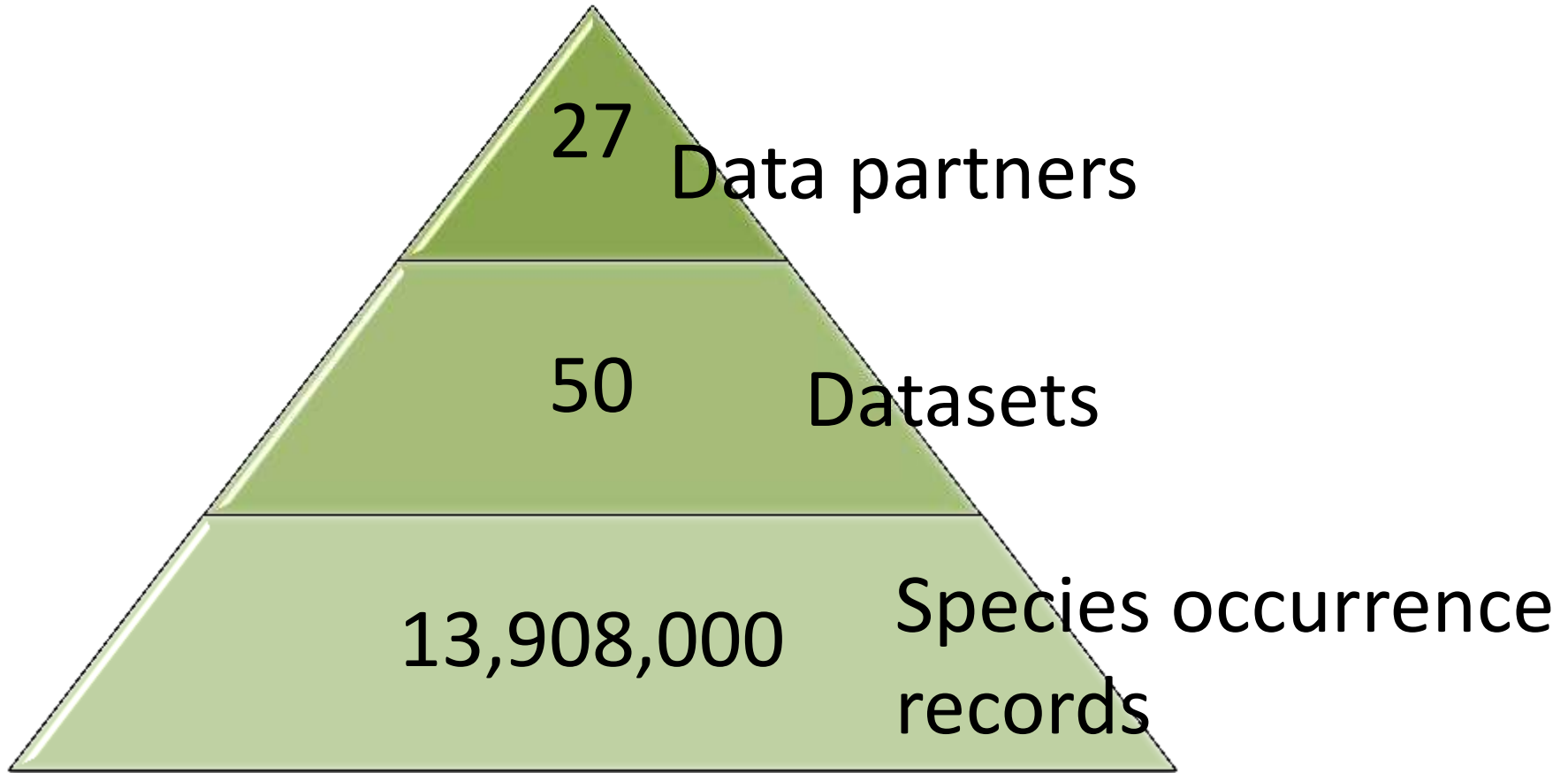


ABOUT S.A.  
803 occurrence datasets  
11,845,489 records

FROM S.A.  
21 occurrence datasets  
8,973,006 records

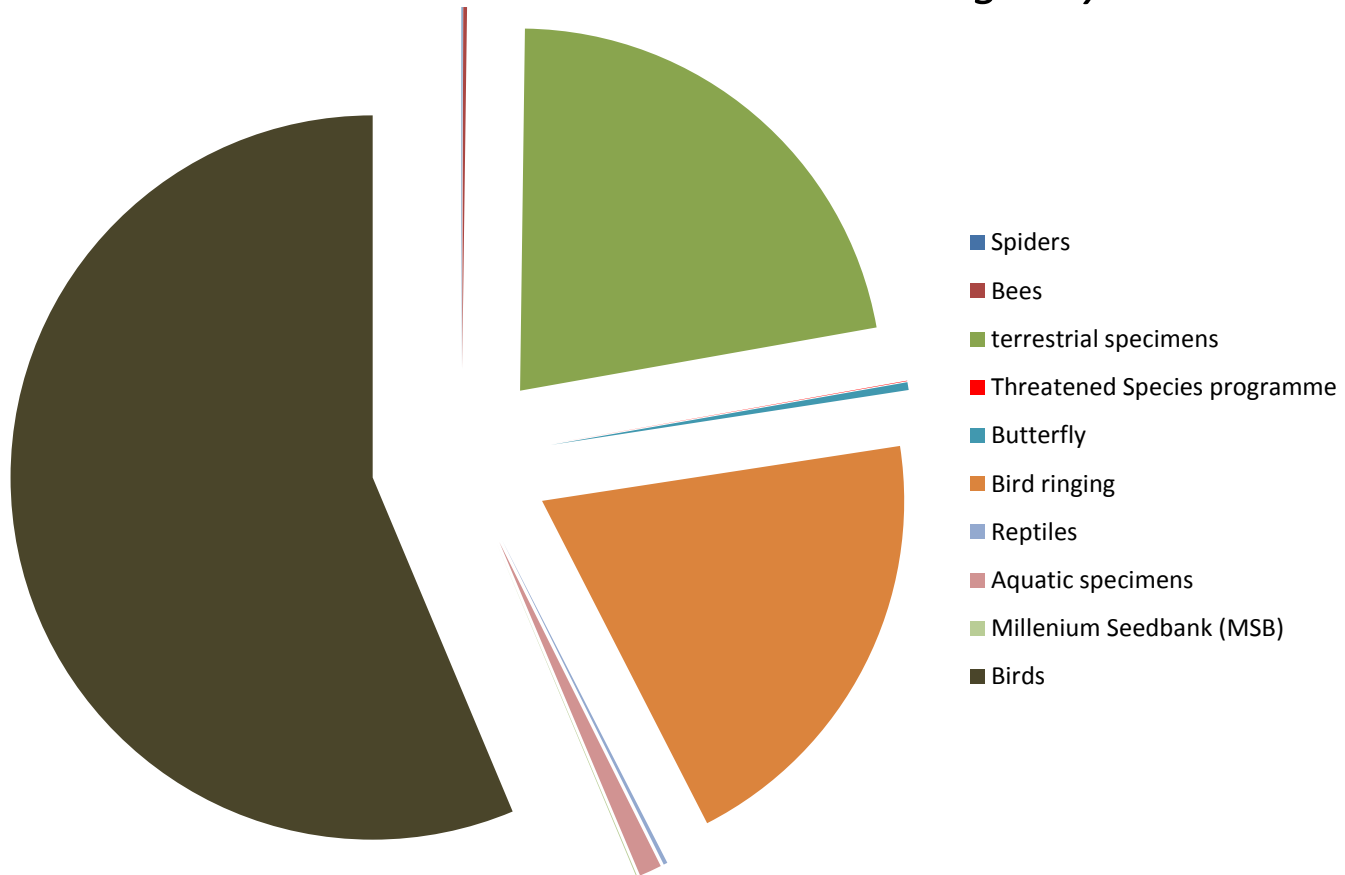


# SANBI & Data Partners by numbers



# Numbers

Of which **8,973,006** are published records  
*meaning they are available online*



# South Africa datasets

|                                     |         |
|-------------------------------------|---------|
| ARC Spiders                         | 4178    |
| ARC Bees                            | 15131   |
| Albany terrestrial specimens        | 57879   |
| Threatened Species programme        | 1887    |
| Southern Cape herbarium             | 6179    |
| SABCA                               | 31273   |
| SAFRING                             | 1784898 |
| Bolus Herbarium                     | 15290   |
| SARCA                               | 15768   |
| SAIAB                               | 75791   |
| Albany Freshwater specimens         | 13909   |
| Iziko                               | 52359   |
| Ditsong Museum                      | 162150  |
| Millenium Seedbank (MSB)            | 3621    |
| PRECIS                              | 1124142 |
| PRECIS (KwaZulu-Natal Herbarium)    | 62283   |
| Precis Plant Data                   | 492869  |
| Southern African Bird Atlas Project | 5053399 |





# Integrated Publishing Toolkit

- Publishing species occurrence data on the internet
- Free and Open Source
- Toolkit Allows users to:
  - capture, prepare, publish, register, archive and
  - discover primary biodiversity data



free and open access to biodiversity data

**GBIF INTEGRATED PUBLISHING TOOLKIT (IPT)**





# SANBI Integrated Publishing Toolkit



INTEGRATED PUBLISHING TOOLKIT<sup>(IPT)</sup>  
free and open access to biodiversity data

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## Resources you have rights to manage

Filter:

| Name   | Organisation   | Type       | Subtype     | Records | Last modified | Last publication | Next publication | Visibility | Author           |
|--|----------------|------------|-------------|---------|---------------|------------------|------------------|------------|------------------|
| <a href="#">SAIAB: National Fish Collection (1880-2008)</a>                          | Not registered | Occurrence | Specimen    | 0       | 2015-06-25    | Not published    | --               | Private    | Fhatani Ranwashe |
| <a href="#">ARC-PPRI: National Survey of Arachnida (1905-2009)</a>                   | Not registered | Occurrence | Specimen    | 0       | 2015-06-24    | Not published    | --               | Private    | Fhatani Ranwashe |
| <a href="#">SANBI: Rare and Threatened Plants (Cape Floristic Region, 1864-2008)</a> | Not registered | Occurrence | Observation | 0       | 2015-06-24    | Not published    | --               | Private    | Fhatani Ranwashe |

# Thank you!

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