



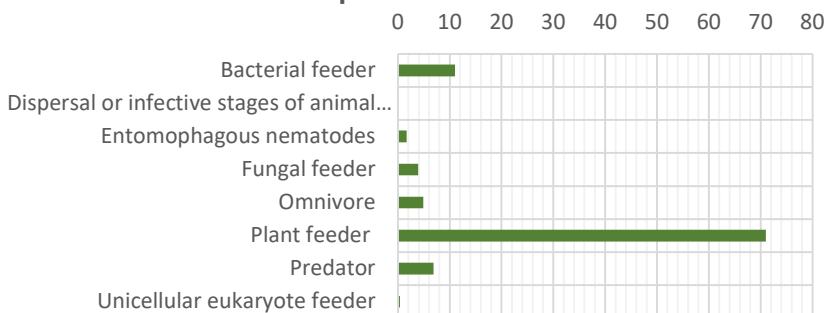
SOUTH AFRICAN PLANT-PARASITIC-NEMATODE SURVEY DATABASE

The Nematology Unit of ARC-PHP founded the South African Plant-Parasitic Nematode Survey (SAPPNS) in 1987. The aim is to make a comprehensive assessment of the nematode biodiversity resources of South Africa. The first record was read into the database in 1987 with 9255 locality records available in 2022.

NEMATODE DIVERSITY

- Eight trophic levels, 747 different taxa.

Incidence of trophic levels in database



IDENTIFICATION ACCURACY

- All nematodes are identified to genus level.
- Ninety percent the plant feeder nematodes are identified to species level.

DISTRIBUTION

- Records of all nine South African provinces, Namibia, Eswatini and Lesotho in SAPPNS database.

ACCESSIBILITY

Data from the database is accessible to all through a request for datasets to the ARC-PHP Nematology Unit (MaraisM@arc.agric.za).

APPLICATION

The information from the database are used:

- Pest Risk Assessment
- Species description
- Check lists for environmental assessment
- Check lists for biogeographic studies
- Reporting to clients, stakeholders and funders
- Researchers and students

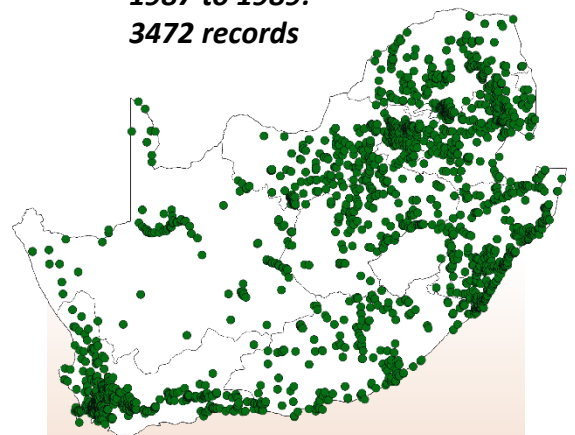
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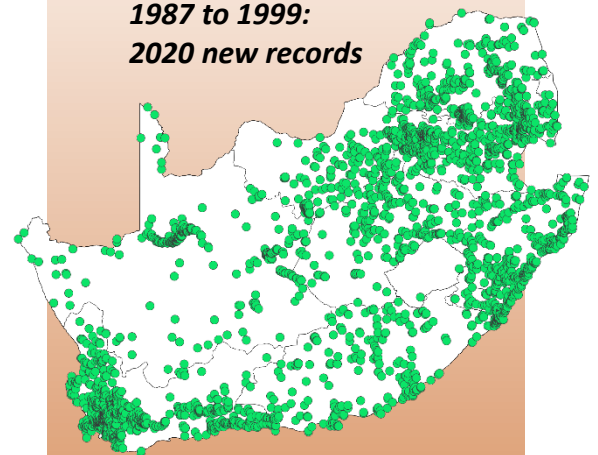


DATABASE DEVELOPMENT

1987 to 1989:
3472 records



1987 to 1999:
2020 new records



1987-2022:
3777 new records

