BioNet web services

Release notes
November 2023 (Release 3.4)

Department of Planning and Environment

Acknowledgement of Country

The Department of Planning and Environment acknowledges the Traditional Custodians of the lands where we work and live.

We pay our respects to Elders past, present and emerging.

This resource may contain images or names of deceased persons in photographs or historical content.

Cover photo: Robertson basalt tall open forest threatened ecological community. Vanessa Allen/DPE

Find out more at:

environment.nsw.gov.au

Contents

List of figures

Background

The BioNet web service initiative is a program of work conducted by the New South Wales Department of Planning and Environment (DPE). It is progressively making the data held in BioNet open and available to developers via open application programming interfaces (APIs). BioNet is the repository of biodiversity data maintained by the department and contains species sightings and systematic survey, vegetation classification, and threatened biodiversity data used by a wide range of organisations. The BioNet Web Service enables organisations and individuals to directly integrate biodiversity data into their software systems and unlock the innovation potential of this valuable community-owned data asset. By delivering these data via open APIs, we are aiming to improve environmental decision-making by integrating up-to-date, consistent and reliable biodiversity data into planning and assessment systems.

This release covers updates to the Threatened Biodiversity web service to capture major changes to a single field in the VegetationClassification_PCTDefinition entity set.
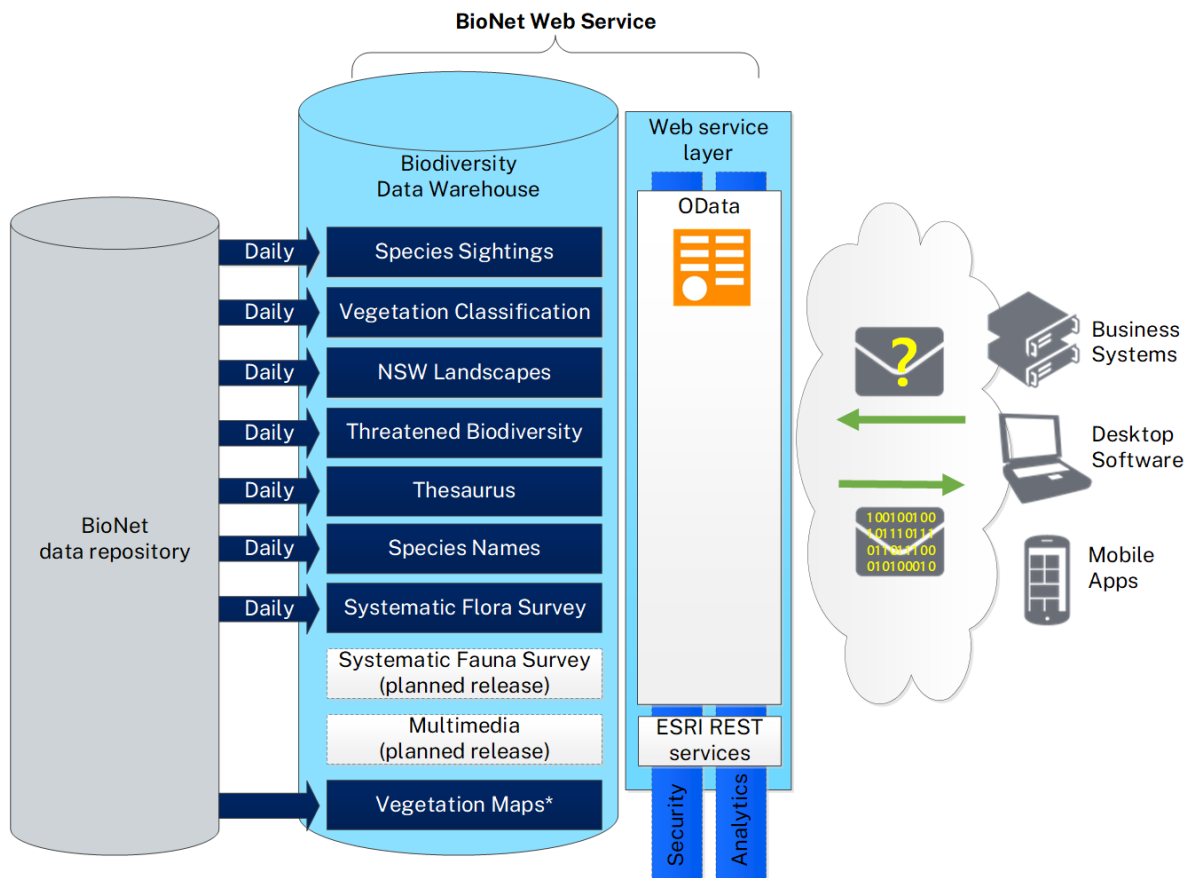

Figure 1   Overview of BioNet web services implementation

* Delivered through the Open Geospatial Consortium (OGC) Web Map Service (WMS) and OGC Web Feature Service (WFS), rather than OData.
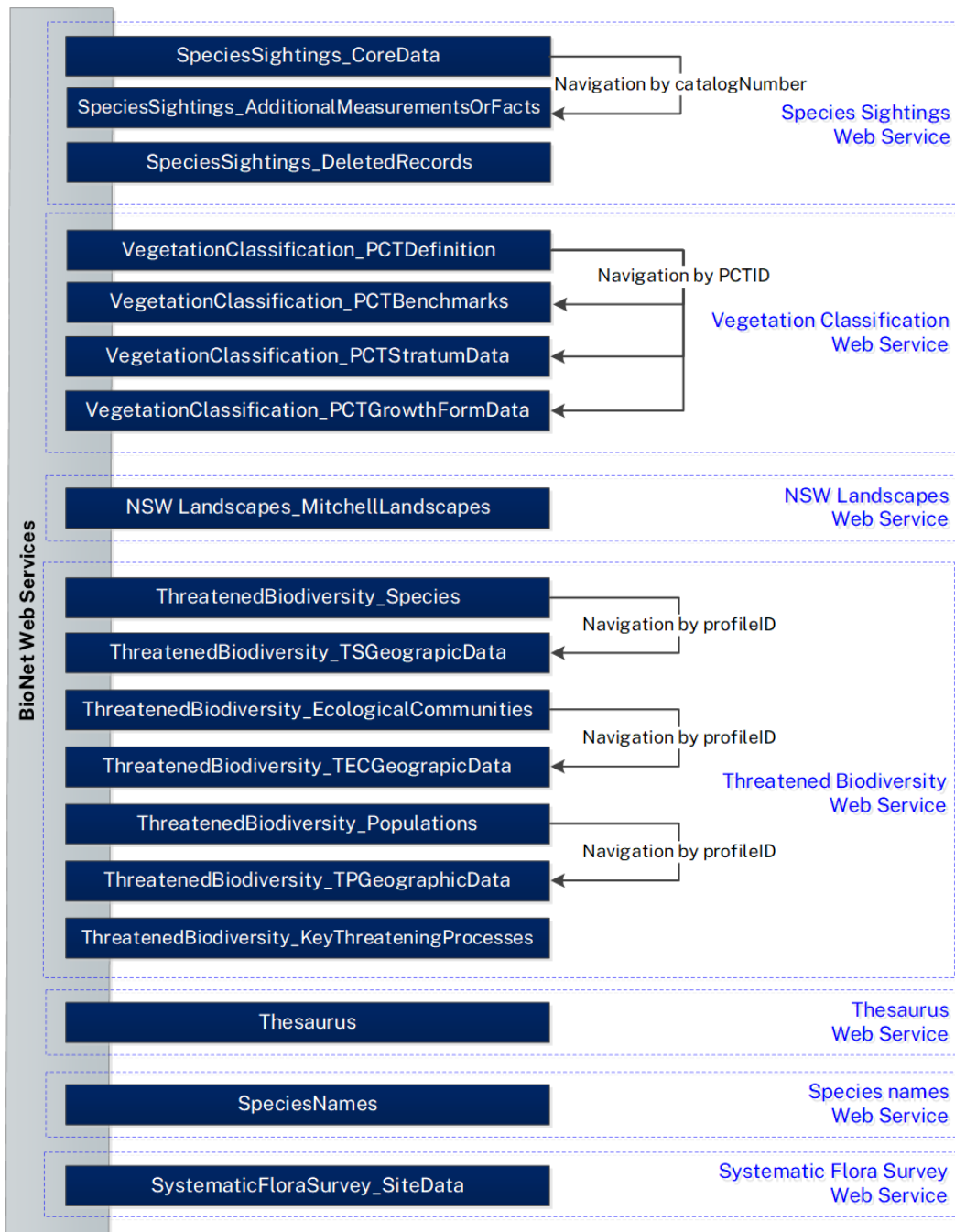
Figure 2   Overview of the current BioNet OData entity sets, including navigation links between entity sets

New functionality

There is no new functionality.

Enhancements

VegetationClassification_PCTDefinition

The following change has been applied to the VegetationClassification_PCTDefinition web service entity set.

Fields added

- TECComments

The 'TECComments' field (available via the BioNet Vegetation Classification application – PCT Data > Threatened Biodiversity, TECs & Benchmarks > Threatened Ecological Communities (TEC) Listings section) has been included in this web service entity set to make these data available to BioNet API users. This field provides detailed information about the PCT and its associated TEC/s to assist users in correctly determining TEC presence on site.

Documentation

Documentation for BioNet web services, including updated data standard guides, is available via the BioNet resources homepage.

Warnings and known limitations

No warnings or known limitations specific to this release.