

# How to Export VIS Flora Survey Data

## Quick Guide for the BioNet Atlas Database

## How to Export VIS Flora Survey Data

This document provides a quick guide on how to export Vegetation Information System (VIS) Flora Survey data to CSV and text files to be used with GIS software eg. ArcGIS and MS Excel.

The VIS Flora Survey module holds systematic flora/vegetation survey data.

Data is usually sampled at a plot or quadrat of specified area (eg 20 x 50 m) and can include detailed and comprehensive site characteristics, including vegetation structure.

Typically it includes a measure of cover and/or abundance measures for all floristic plant species (“full floristics”), or components of the vegetation such as dominant species only, or perennial species only.

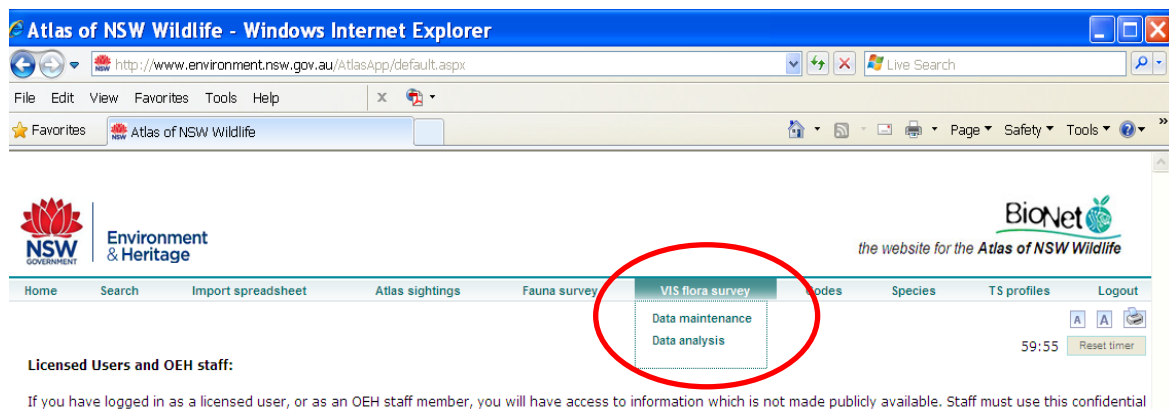
### 1. Login to the BioNet database

Register and obtain access to the database by clicking on the link below

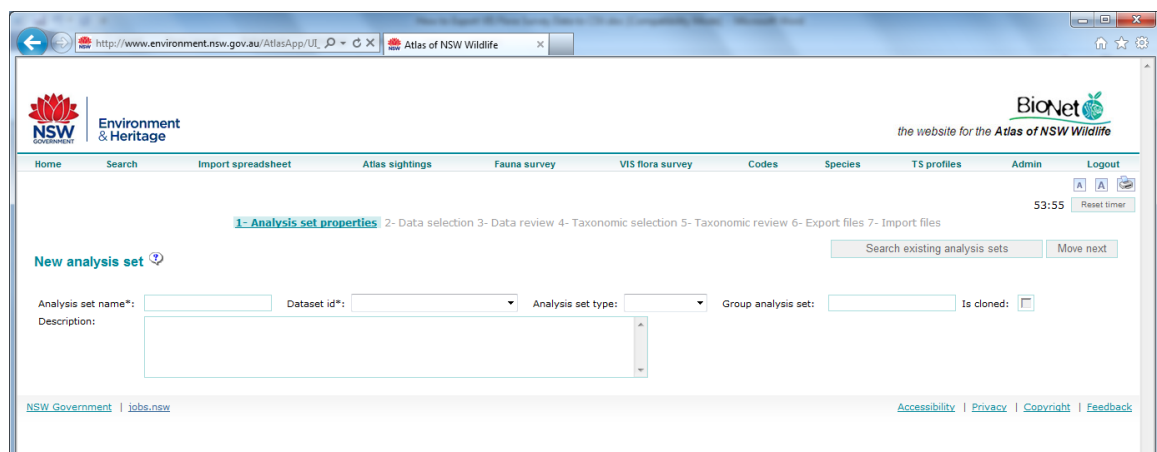
<http://www.bionet.nsw.gov.au/>

### 2. Select sites by creating an ‘analysis dataset’

Select **VIS flora survey** from the menu bar and then **Data analysis**



The **1 – Analysis set properties** page will appear



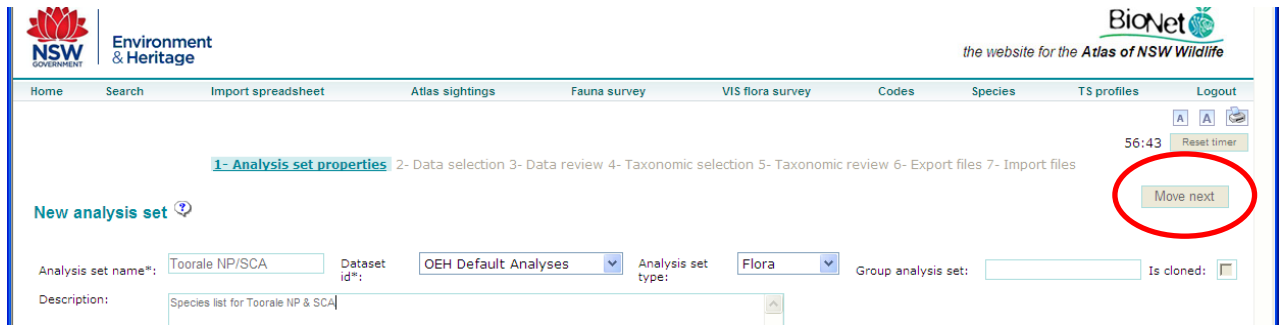
To generate a new ‘analysis dataset’, enter the following details:

**Analysis set name:** Give your Analysis set a name, eg ‘Toorale NP/SCA’

**Dataset ID:** Select ‘*OEH Default Analyses*’ from the dropdown list

**Analysis set type:** Select ‘*Flora*’

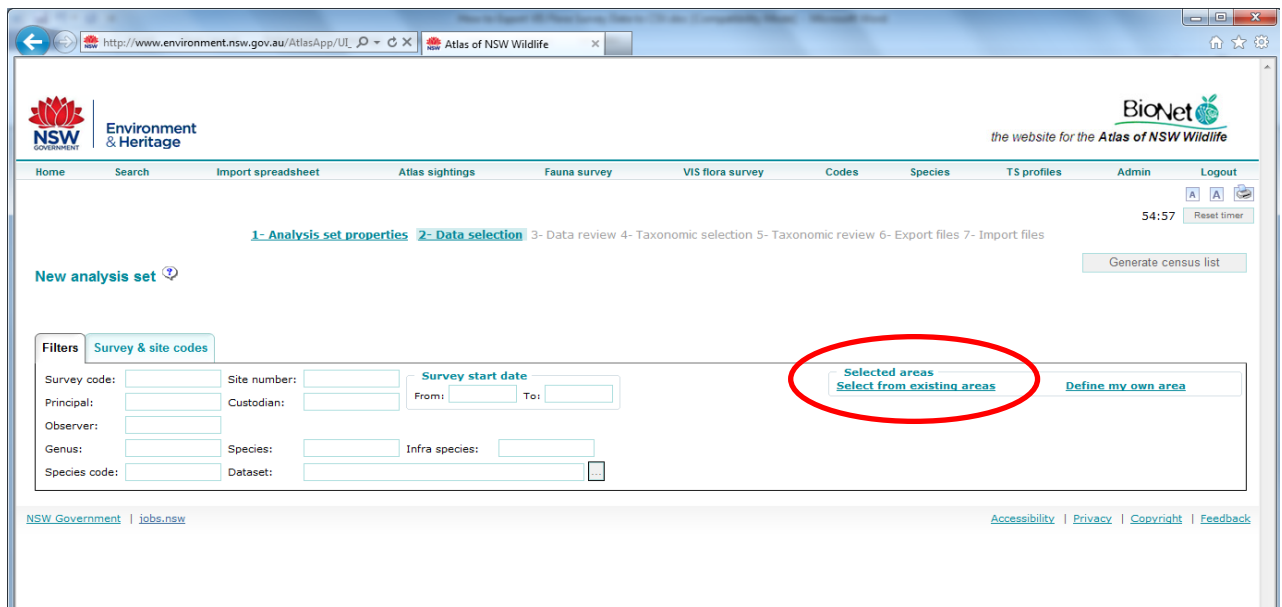
Click on **Move Next**



The **2 – Data selection** page will appear

If you are searching for one or more pre-defined areas, such as one or more NPWS reserves

Click on **Select from existing areas**



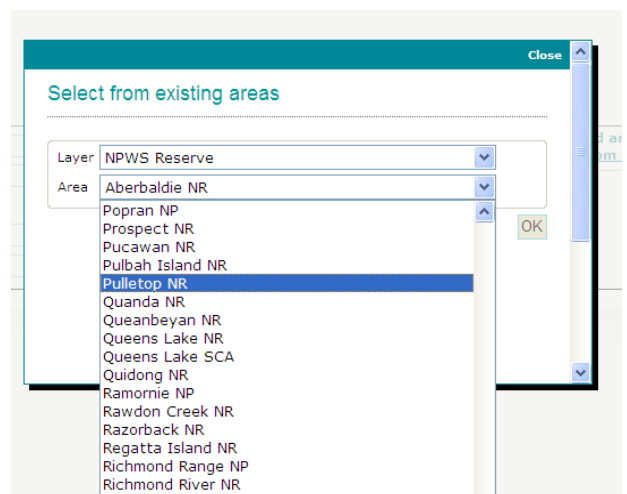
A pop-up window will appear

Select **Layer** as *NPWS Reserve* from dropdown list

Select **Area** as *Pulletop NR* from dropdown list

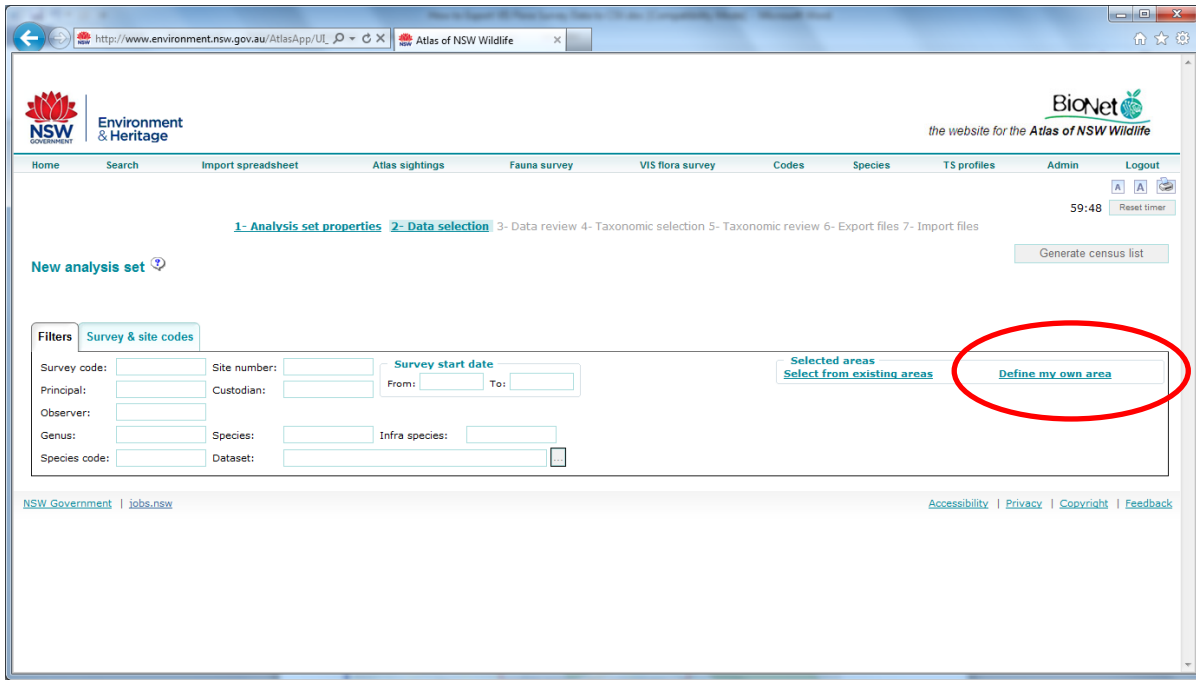
Click **OK**

Repeat selection to add extra reserves

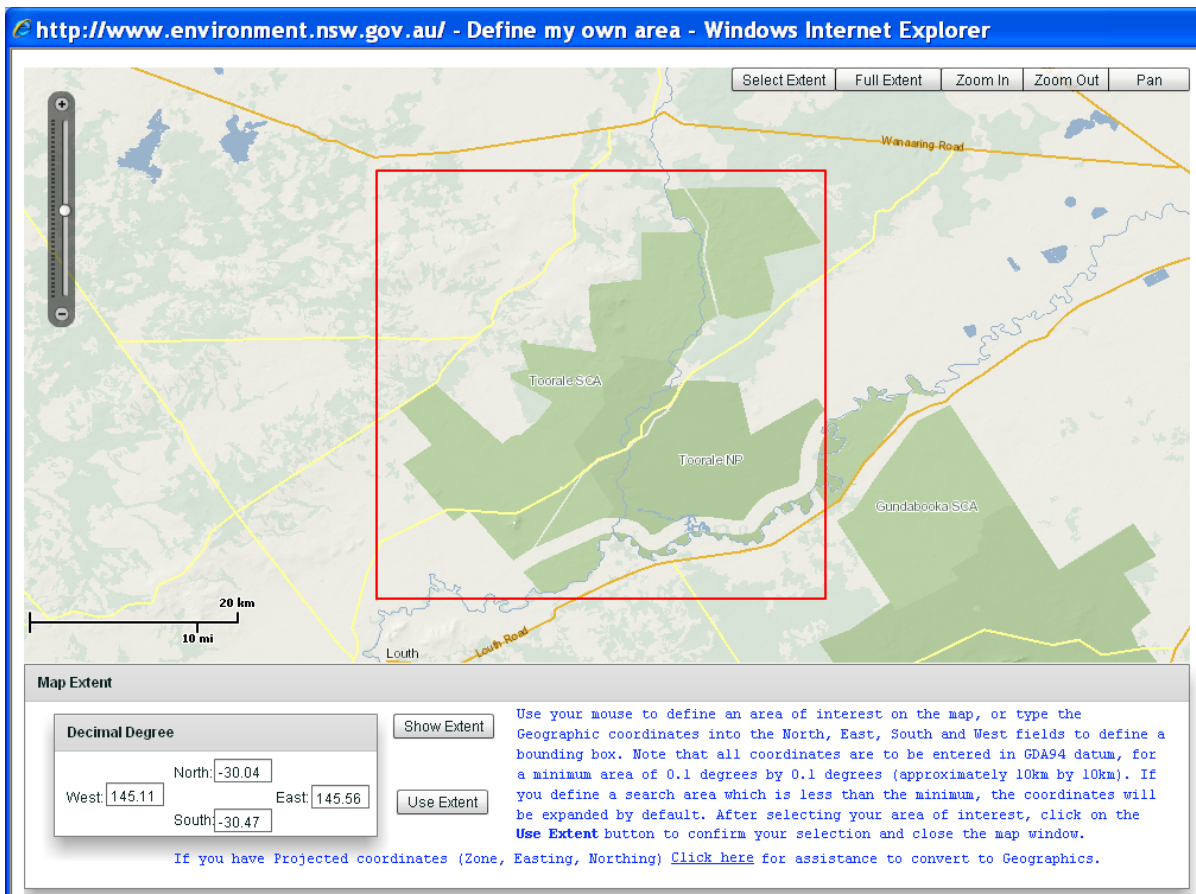


If you wish to perform a search on a bounding box or search an area that is not included in the list of pre-defined areas, you can nominate a bounding box that bounds the entire area of interest

Click **Define my own area**



A pop-up window will appear showing a map



Using the menu on top right hand side

Select **Zoom In** and **Zoom Out** to find your area of interest

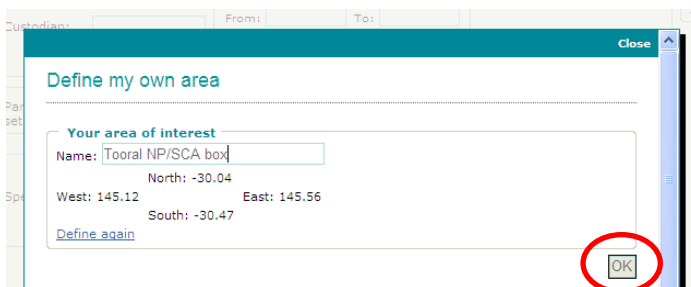
Click on **Select Extent** and draw a square around area of interest

Click **Use Extent**

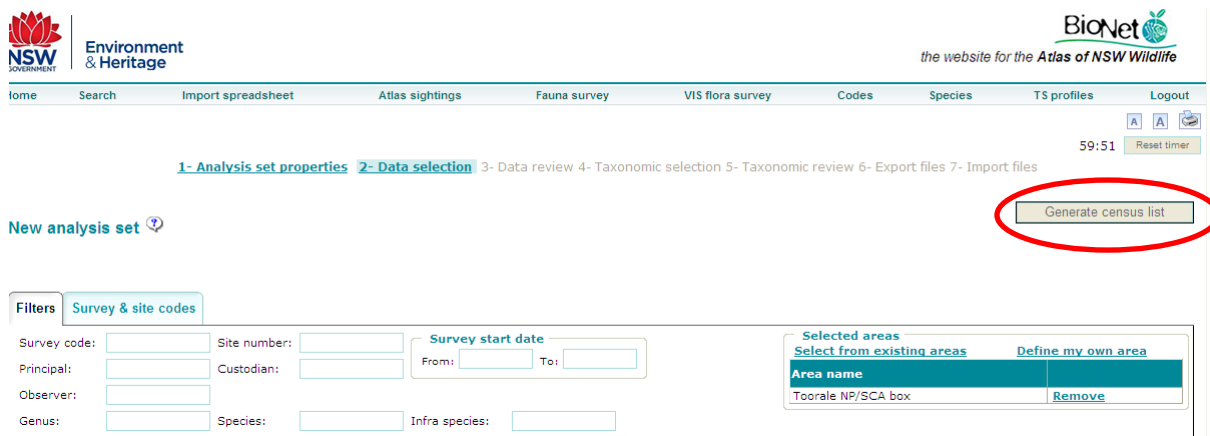
A pop-up window will appear

Enter a name in the **Name** box

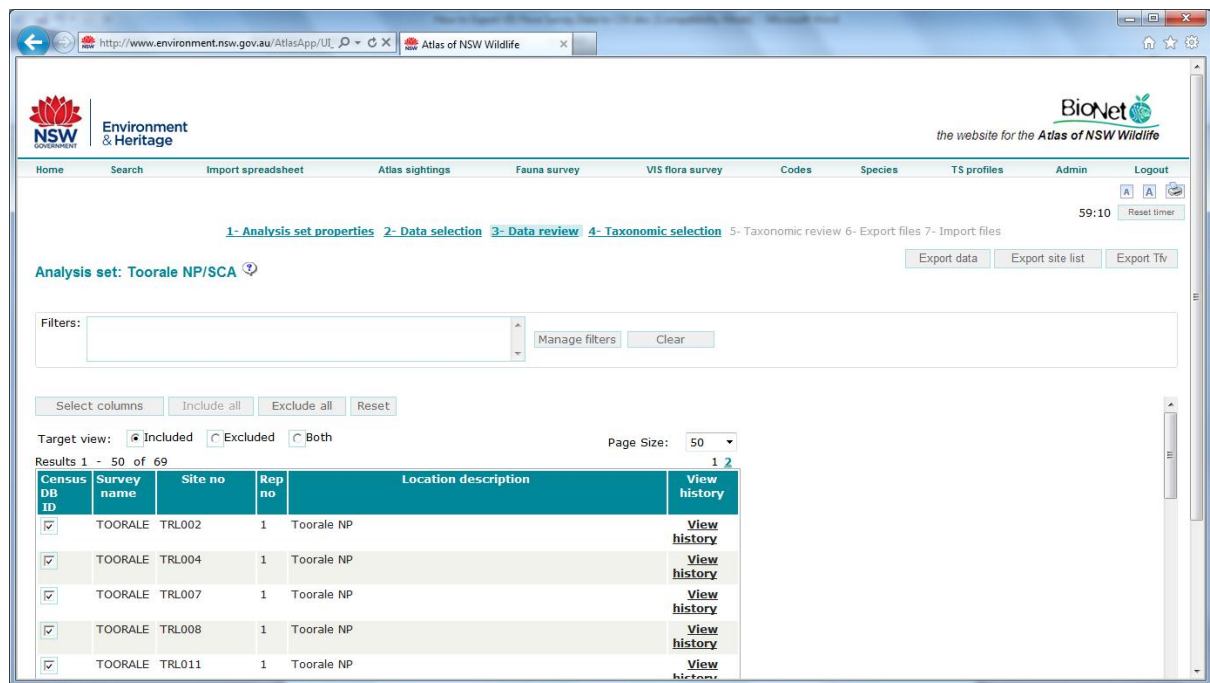
Click **OK**



Click **Generate census list**

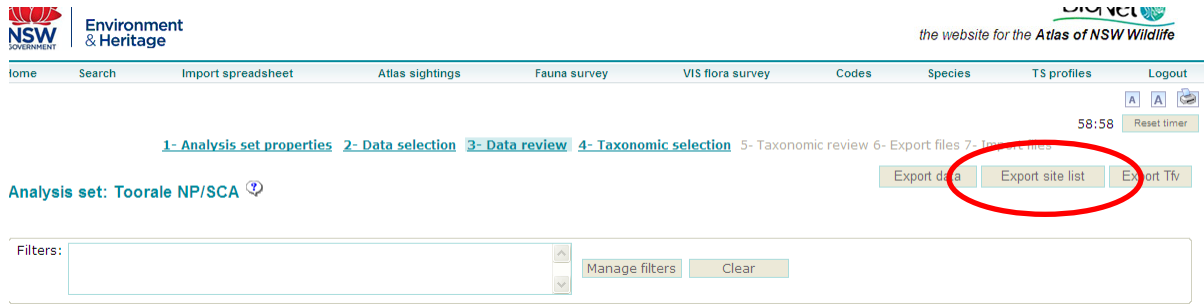


The **3 - Data review** page will appear

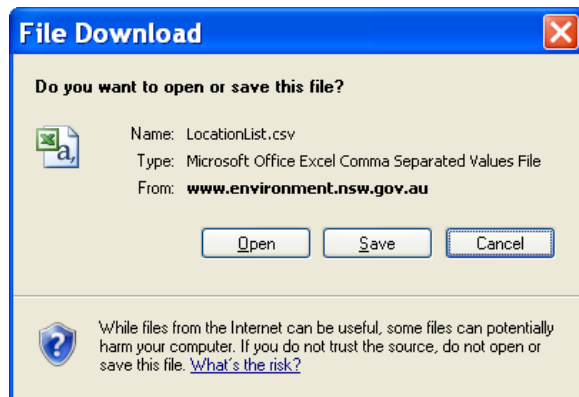


### 3. Exporting site locations

Click on **Export site list**



A **File Download** pop up will display



	A	B	C	D	E	F
	SurveyName	SiteNo	LocationKey	LocationDesc	Latitude	Longitude
1	DRP_RM	RDRP001	LPJGI0220728	About 20km NE Louth on western s	-30.4451	145.175
2	DRP_RM	RDRP095	LPJGI0220843	Between Louth and Bourke on wes	-30.3594	145.524
3	DRP_RM	RDRP097	LPJGI0220845	Between Louth and Bourke on wes	-30.4004	145.4099
4	DRP_RM	RDRP098	LPJGI0220846	About 40km NE Louth on western s	-30.4549	145.231
5	TOORALE	TRL001	LPJGI0237433	Toorale NP	-30.1185	145.4822
6	TOORALE	TRL002	LPJGI0237434	Toorale NP	-30.3554	145.5182
7	TOORALE	TRL003	LPJGI0237435	Toorale NP	-30.0989	145.4351
8	TOORALE	TRL004	LPJGI0237436	Toorale NP	-30.3232	145.5551
9	TOORALE	TRL005	LPJGI0237437	Toorale NP	-30.3013	145.5542
10	TOORALE	TRL006	LPJGI0237438	Toorale NP	-30.0997	145.4288
11	TOORALE	TRL007	LPJGI0237439	Toorale NP	-30.3847	145.395
12	TOORALE	TRL008	LPJGI0237440	Toorale NP	-30.3803	145.432

**Save LocationList.csv**

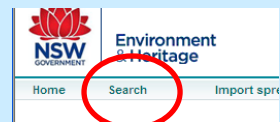
Browse to an appropriate location to save the text file if you are intending to update and export regularly.

You now have a list of the Survey and Site IDs and their location.

#### 4. Exporting species lists and site floristics

**Remember this option gives a species list only from floristic survey sites.**

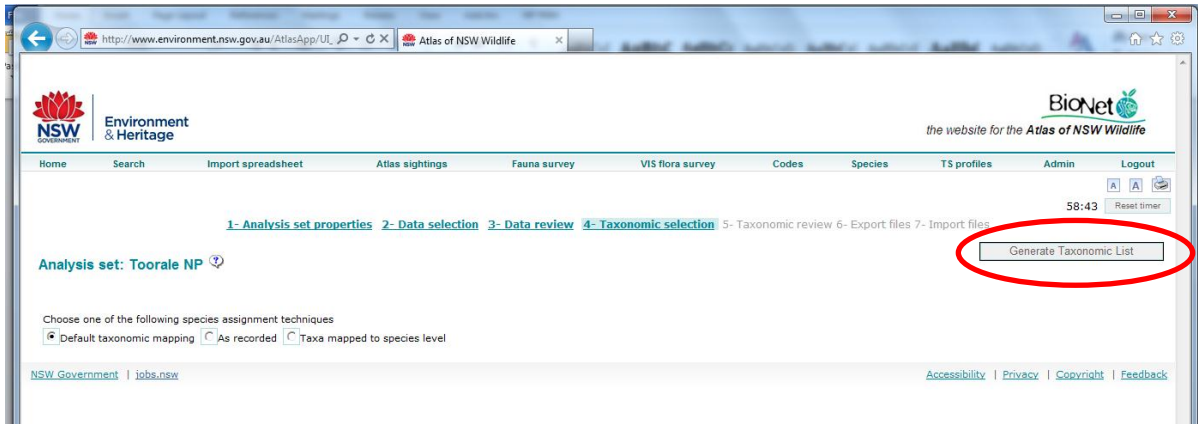
*If you want a complete species list of all plant records in the park, search here:*



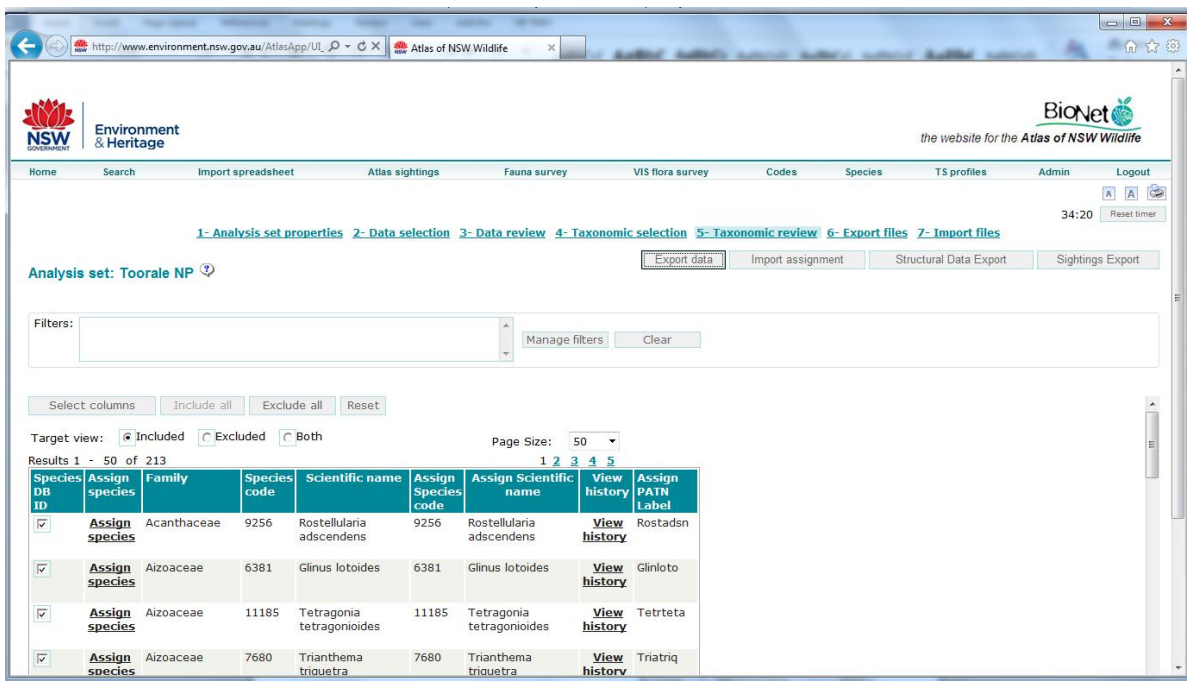
Click on **4 – Taxonomic selection**

Default taxonomic mapping will already be selected.

Click on **Generate taxonomic list**

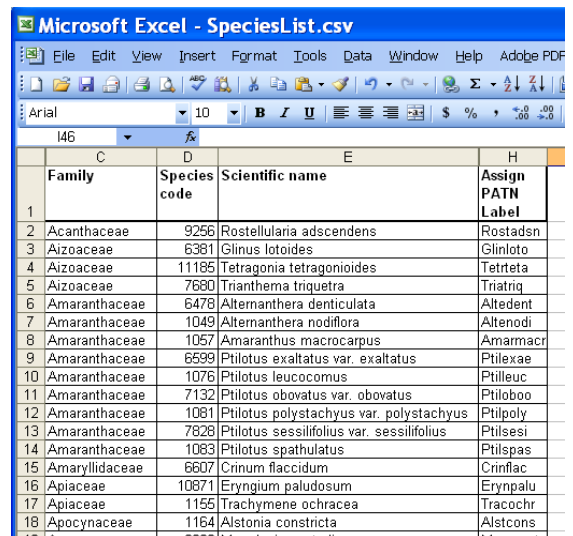
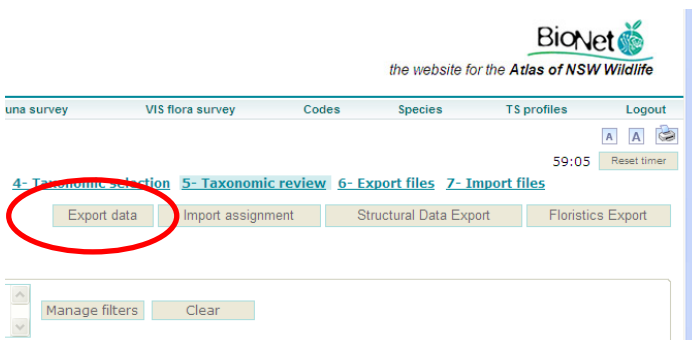


The 5 – Taxonomic review page appears



To export a species list from the floristic sites

Click on **Export data**

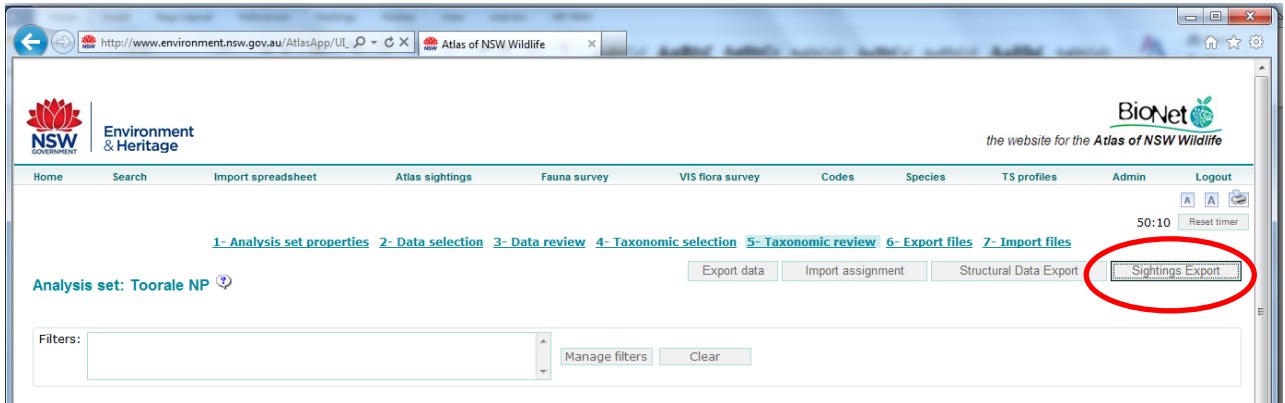


Save *Specieslist.csv*

This text file can be opened in MS Excel  
NOTE common names are not included

To export a list of all species in each site, formatted like an Atlas download

Click on **Sightings Export**

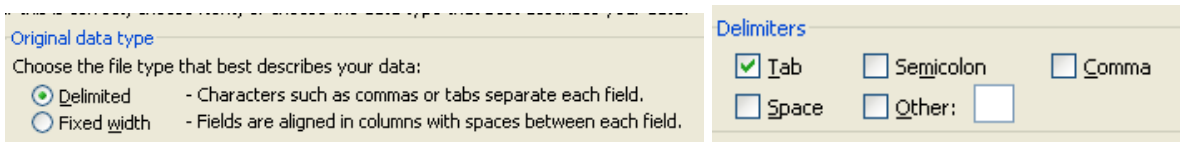


### Save *SightingsData.txt*

This text file can be imported into MS Excel.  
The **Text Import Wizard** will start automatically.

Use the default settings, but ensure the data type and delimiters are correct:

#### Step 1 Step 2



### For further information:

Refer to the VIS Flora Survey Guide

<http://www.environment.nsw.gov.au/resources/atlas/restricted/120557VISFS.pdf>

Refer to the BioNet Atlas Guide for more detailed steps and information about exporting Atlas records to ArcMap <http://www.environment.nsw.gov.au/resources/atlas/AtlasOEH.pdf>

Contact the Biodiversity Information Systems Team email [atlas@environment.nsw.gov.au](mailto:atlas@environment.nsw.gov.au)



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Published by:

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**OEH 2015/0024**

**ISBN 978 1 74359 872 6**

**January 2015**

**Version 1.0**