

# 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.

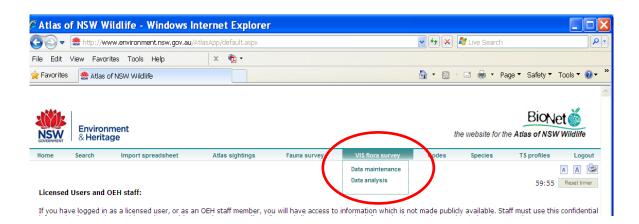
#### 1. Login to the BioNet database

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

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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

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#### 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

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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

		Close	ľ
Selec	t from existing areas		
Layer	NPWS Reserve		
Area	Aberbaldie NR		
	Popran NP  Prospect NR Pucawan NR Pulbah Island NR	ОК	
	Pulletop NR		
	Quanda NR Queanbeyan NR Queens Lake NR Queens Lake SCA Quidong NR		
	Ramornie NP Rawdon Creek NR		
	Razorback NR		
	Regatta Island NR Richmond Range NP		
	Richmond River NR		

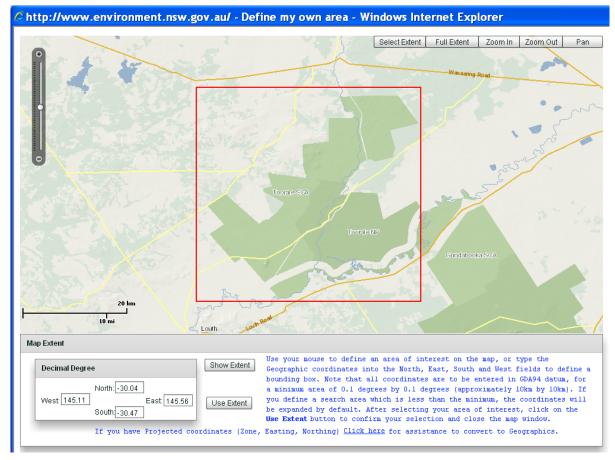
If you wish to perform a search on a bounding box or search an area that is not included in the list of pre-defined areas, you can nominate a bounding box that bounds the entire area of interest



#### Click Define my own area

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#### 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

Quick Guide

A pop-up window will appear

Enter a name in the **Name** box

Click OK

Define my o				
Your area of	interest —			
Name: Tooral N				
N	lorth: -30.04			
West: 145.12		East: 145.56		
S	South: -30.47			

#### Click Generate census list

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

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#### 3. Exporting site locations



#### Click on Export site list

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A File Download pop up will display



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3	DRP_RM	RDRP095	LPJGI0220843	Between Louth and Bourke on wes	-30.3594	145.524
4	DRP_RM	RDRP097	LPJGI0220845	Between Louth and Bourke on west	-30.4004	145.4099
5	DRP_RM	RDRP098	LPJGI0220846	About 40km NE Louth on western s	-30.4549	145.231
6	TOORALE	TRL001	LPJGI0237433	Toorale NP	-30.1185	145.4822
7	TOORALE	TRL002	LPJGI0237434	Toorale NP	-30.3554	145.5182
8	TOORALE	TRL003	LPJGI0237435	Toorale NP	-30.0989	145.4351
9	TOORALE	TRL004	LPJGI0237436	Toorale NP	-30.3232	145.5551
10	TOORALE	TRL005	LPJGI0237437	Toorale NP	-30.3013	145.5542
11	TOORALE	TRLOO6	LPJGI0237438	Toorale NP	-30.0997	145.4288
12	TOORALE	TRLOO7	LPJGI0237439	Toorale NP	-30.3847	145.396
13	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.

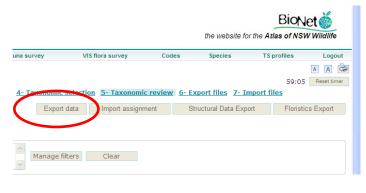
Click on Generate taxonomic list

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The **5 – Taxonomic review** page appears

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	Assign species	Acanthaceae	9256	Rostellularia adscendens	9256	Rostellularia adscendens	<u>View</u> history	Rostadsn					
	Assign species	Aizoaceae	6381	Glinus lotoides	6381	Glinus lotoides	<u>View</u> history	Glinloto					
	Assign species	Aizoaceae	11185	Tetragonia tetragonioides	11185	Tetragonia tetragonioides	<u>View</u> history	Tetrteta					
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To export a species list from the floristic sites Click on **Export data** 



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6	Amaranthaceae	6478	Alternanthera denticulata	Altedent			
7	Amaranthaceae	1049	Alternanthera nodiflora	Altenodi			
8	Amaranthaceae		Amaranthus macrocarpus	Amarmacr			
9	Amaranthaceae		Ptilotus exaltatus var. exaltatus	Ptilexae			
10	Amaranthaceae		Ptilotus leucocomus	Ptilleuc			
11	Amaranthaceae		Ptilotus obovatus var. obovatus	Ptiloboo			
12	Amaranthaceae		Ptilotus polystachyus var. polystachyus	Ptilpoly			
13	Amaranthaceae		Ptilotus sessilifolius var. sessilifolius	Ptilsesi			
14	Amaranthaceae		Ptilotus spathulatus	Ptilspas			
15	Amaryllidaceae		Crinum flaccidum	Crinflac			
16	Apiaceae		Eryngium paludosum	Erynpalu			
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18	Apocynaceae		Alstonia constricta Alstcons				
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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

gateway to NSW biodiv

Bigvet

#### Click on Sightings Export

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#### 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

Choose the file type that best describes your data:       ✓ Iab       Semicolon       Comma <ul> <li>O Delimited</li> <li>Characters such as commas or tabs separate each field.</li> <li>Fixed width</li> <li>Fields are aligned in columns with spaces between each field.</li> <li>Space</li> <li>Other:</li> <li>Other:</li> <li>Other</li> <li>Other</li></ul>	Original data type	Delimiters				
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#### 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 <u>http://www.environment.nsw.gov.au/resources/atlas/AtlasOEH.pdf</u>

Contact the Biodiversity Information Systems Team email atlas@environment.nsw.gov.au



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#### Report pollution and environmental incidents:

Environment Line: 131 555 (NSW only) or info@environment.nsw.gov.au

OEH 2015/0024 ISBN 978 1 74359 872 6 January 2015 Version 1.0