

# Mapping species with layers



ATLAS OF **LIVING**  
**AUSTRALIA**  
sharing biodiversity knowledge

**ALA Teacher Guide 3**

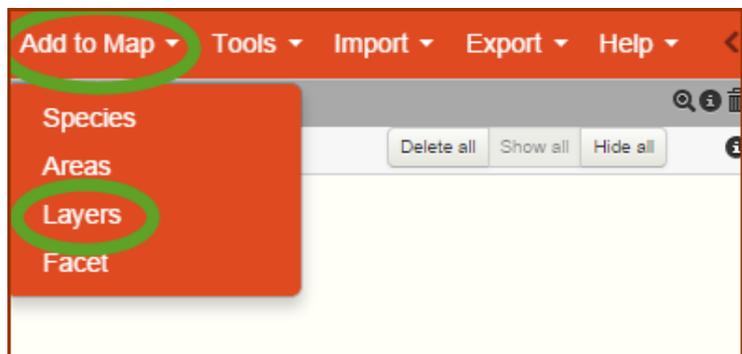


Begin at the Atlas of Living Australia homepage, then select “Mapping & analysis”.

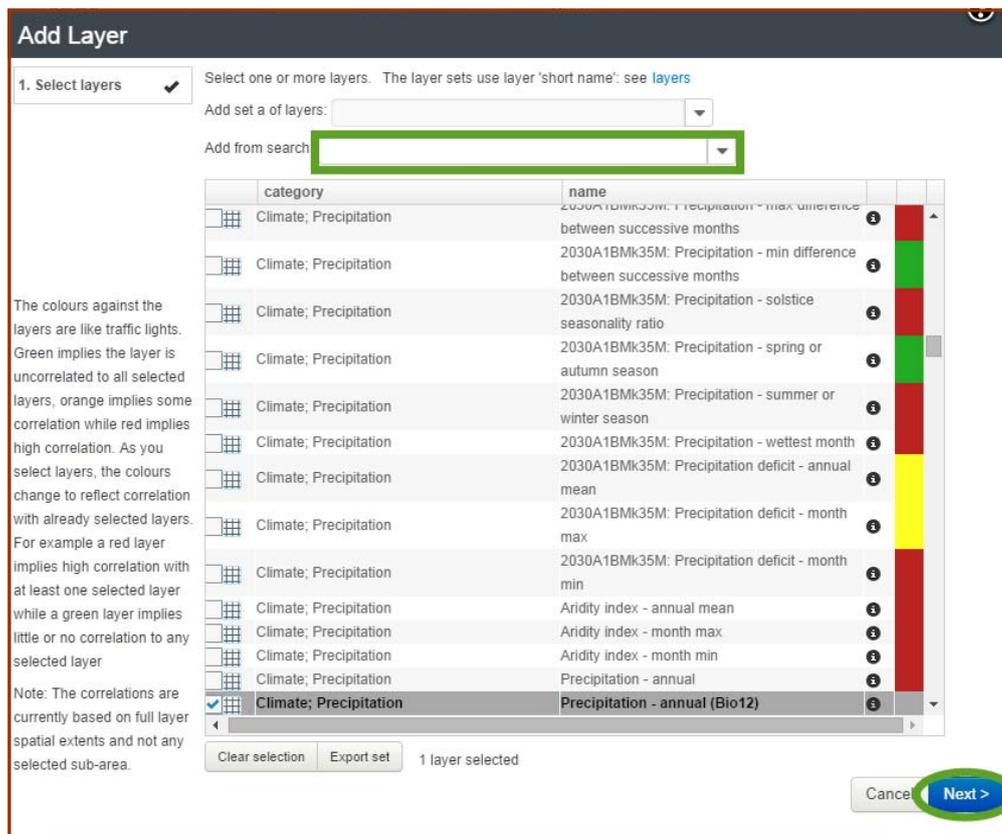
### Explore the Atlas of Living Australia

<p>Australia's species <a href="#">View all</a></p>  <p>Search for Australian flora and fauna species by common, scientific name or search by category.</p> <p><a href="#">Browse species</a></p>	<p>Species by location <a href="#">View all</a></p>  <p>Search by pre-defined region, or enter an address or location to find the recorded species nearby.</p> <p><a href="#">Browse locations</a></p>	<p>Collections <a href="#">View all</a></p>  <p>Learn about the institution, the collections they hold and view records of specimens that have been databased.</p> <p><a href="#">Browse collections</a></p>
<p>Mapping &amp; analysis <a href="#">View all</a></p>  <p>A spatial portal for investigating species occurrences within specified locations and the environmental impacts.</p> <p><a href="#">Browse mapping</a></p>	<p>Data sets <a href="#">View all</a></p>  <p>Refine the list of all the data sets contained within the Atlas by institution, integration status, content, resource, and license.</p> <p><a href="#">Browse data sets</a></p>	<p>Partner Profiles <a href="#">View all</a></p>  <p>View our partner profiles and see how our key contributors help grow the Atlas of Living Australia.</p> <p><a href="#">Browse profiles</a></p>

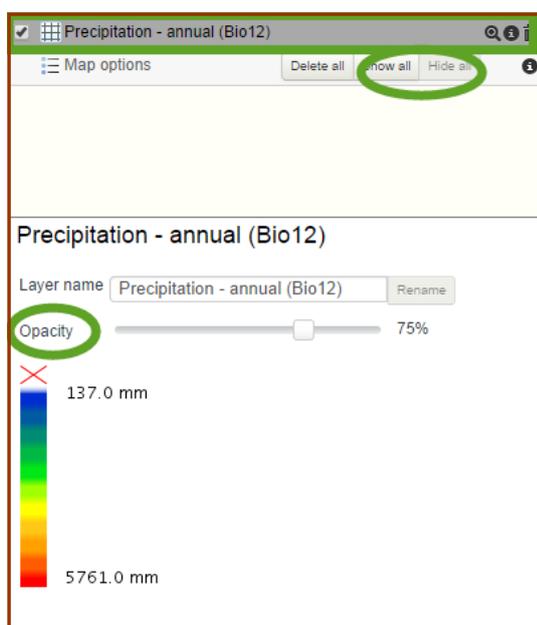
Select “Add to map” then select “Layers”.



The screenshot shows a navigation bar with the following items: **Add to Map** (circled in green), Tools, Import, Export, and Help. A dropdown menu is open under 'Add to Map', listing: Species, Areas, **Layers** (circled in green), and Facet. Below the dropdown, there are buttons for 'Delete all', 'Show all', and 'Hide all'.

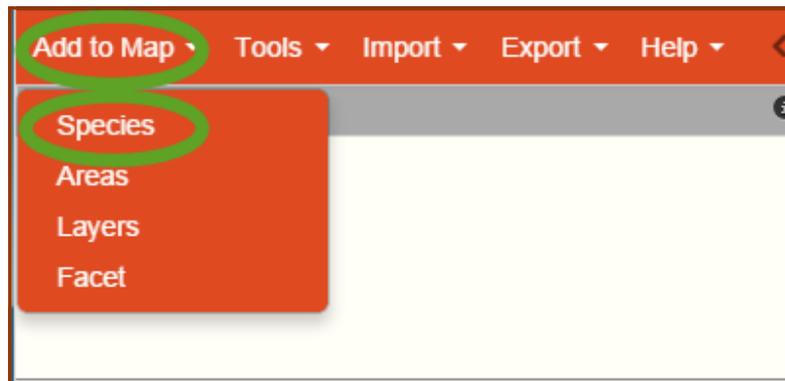


There are many layers to choose from. A few simple ones are Elevation, Mean Annual Temperature and Mean Annual Rainfall. It's possible to add more than one layer at a time. Having chosen relevant layers, select "Next".



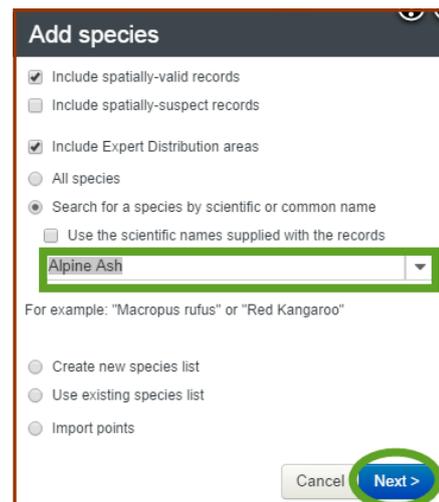
Highlighting a layer will show you the legend for that specific layer. The opacity sliding bar allows you to change the opacity of the highlighted layer.

You are also able to delete layers and hide layers, by unselecting them, from this sidebar.

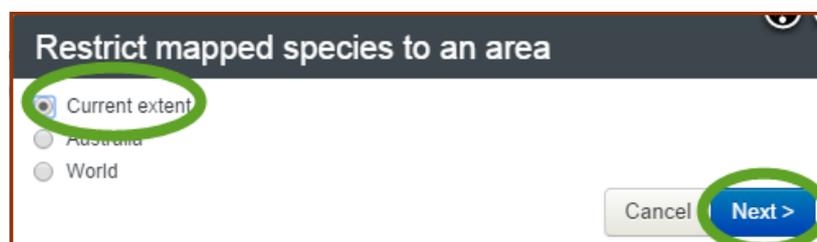


To add a species to the map, select “Add to Map” then select “Species”.

Choose the species you wish to look at by typing it in the box. You can use the species scientific name or the common name. Then select “Next”.

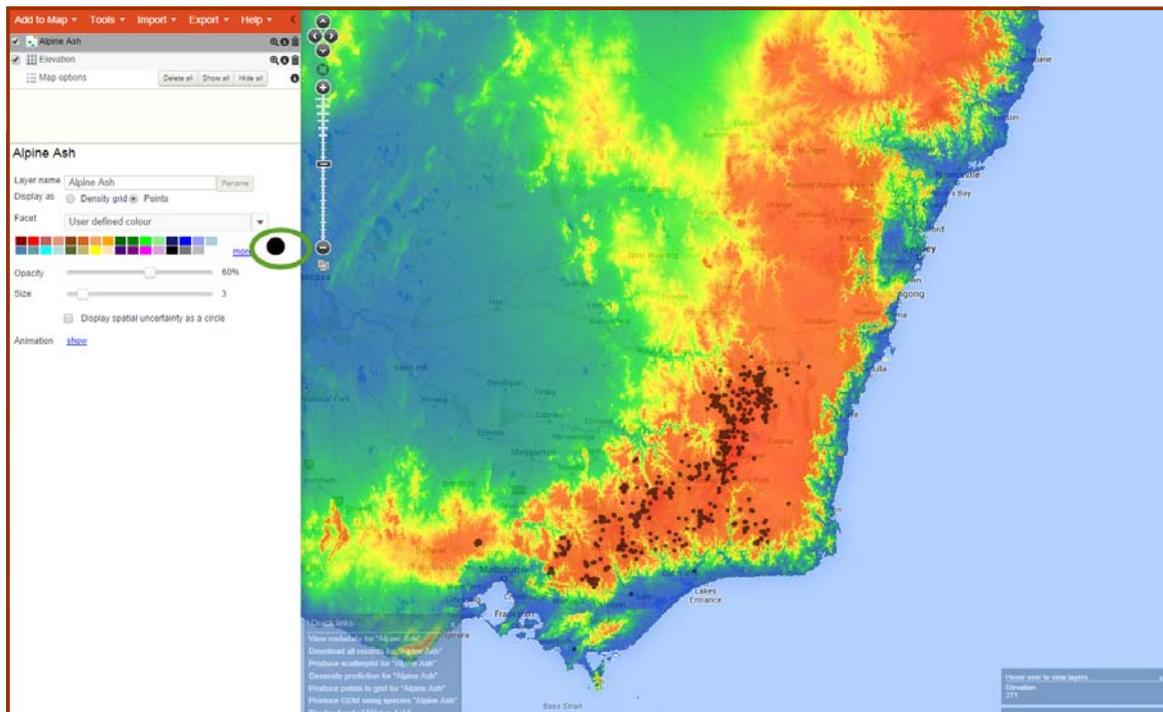


A screenshot of the 'Add species' dialog box. It contains several checkboxes and radio buttons. The search box contains the text 'Alpine Ash'. The 'Next >' button is highlighted with a green oval.



A screenshot of the 'Restrict mapped species to an area' dialog box. It contains three radio buttons: 'Current extent', 'Australia', and 'World'. The 'Current extent' radio button is selected and highlighted with a green oval. The 'Next >' button is also highlighted with a green oval.

Selecting “Current extent” restricts the mapping of the species to the area shown on the screen. Select “Next”.



Your map will then appear with the occurrence records for that particular species and the layer you have chosen.

If necessary, you can change the colour, size and opacity of the dots by using the sidebar. You can also add more than one species to the map at the same time.