

# Exploring patterns and detecting outliers in online biodiversity data

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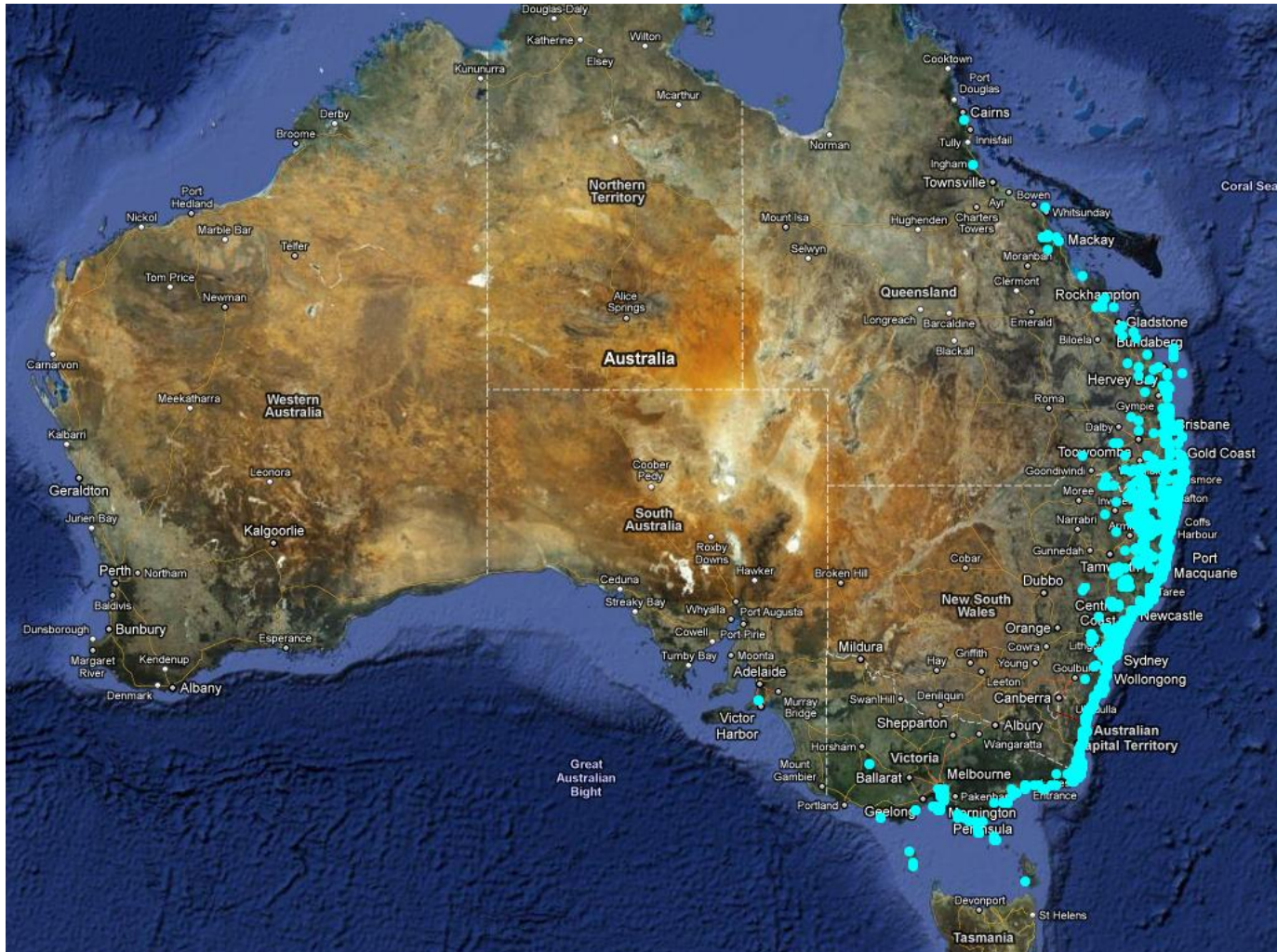


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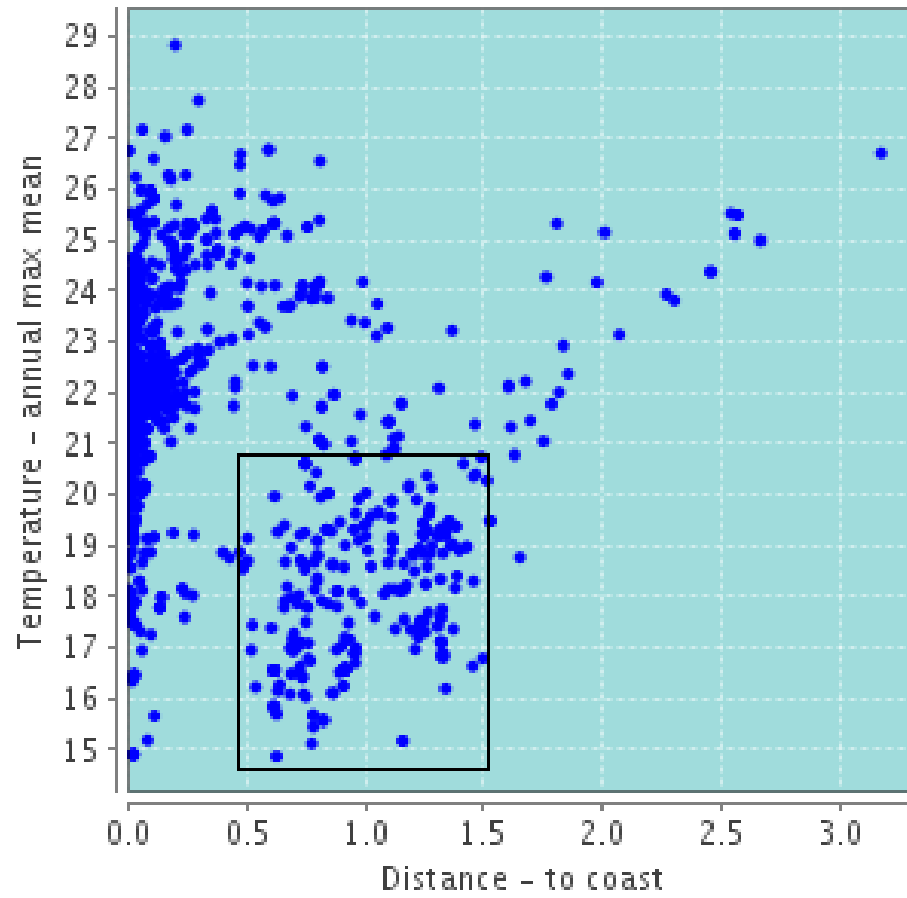


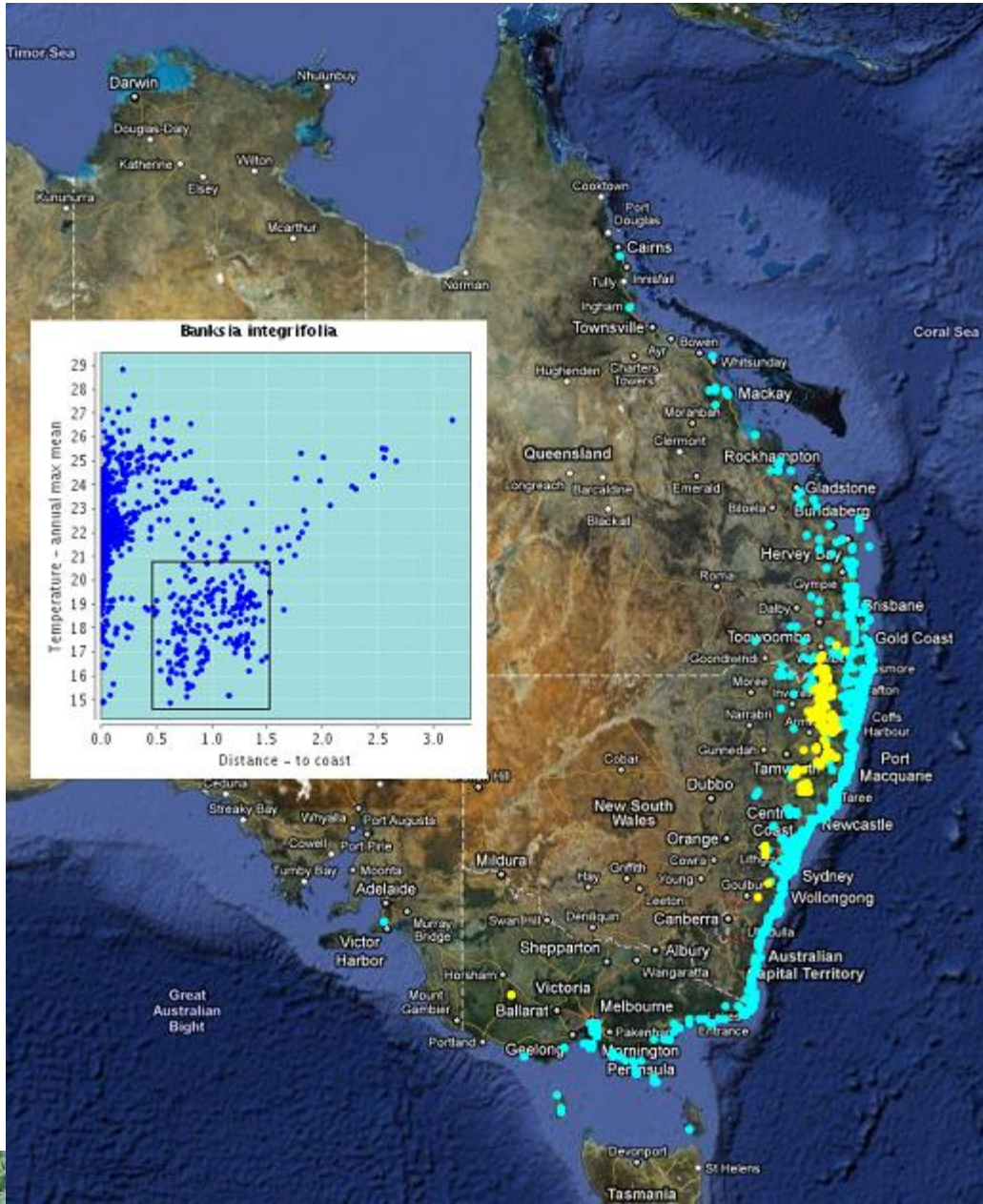
Australian Government  
Department of Sustainability, Environment,  
Water, Population and Communities  
Australian Antarctic Division

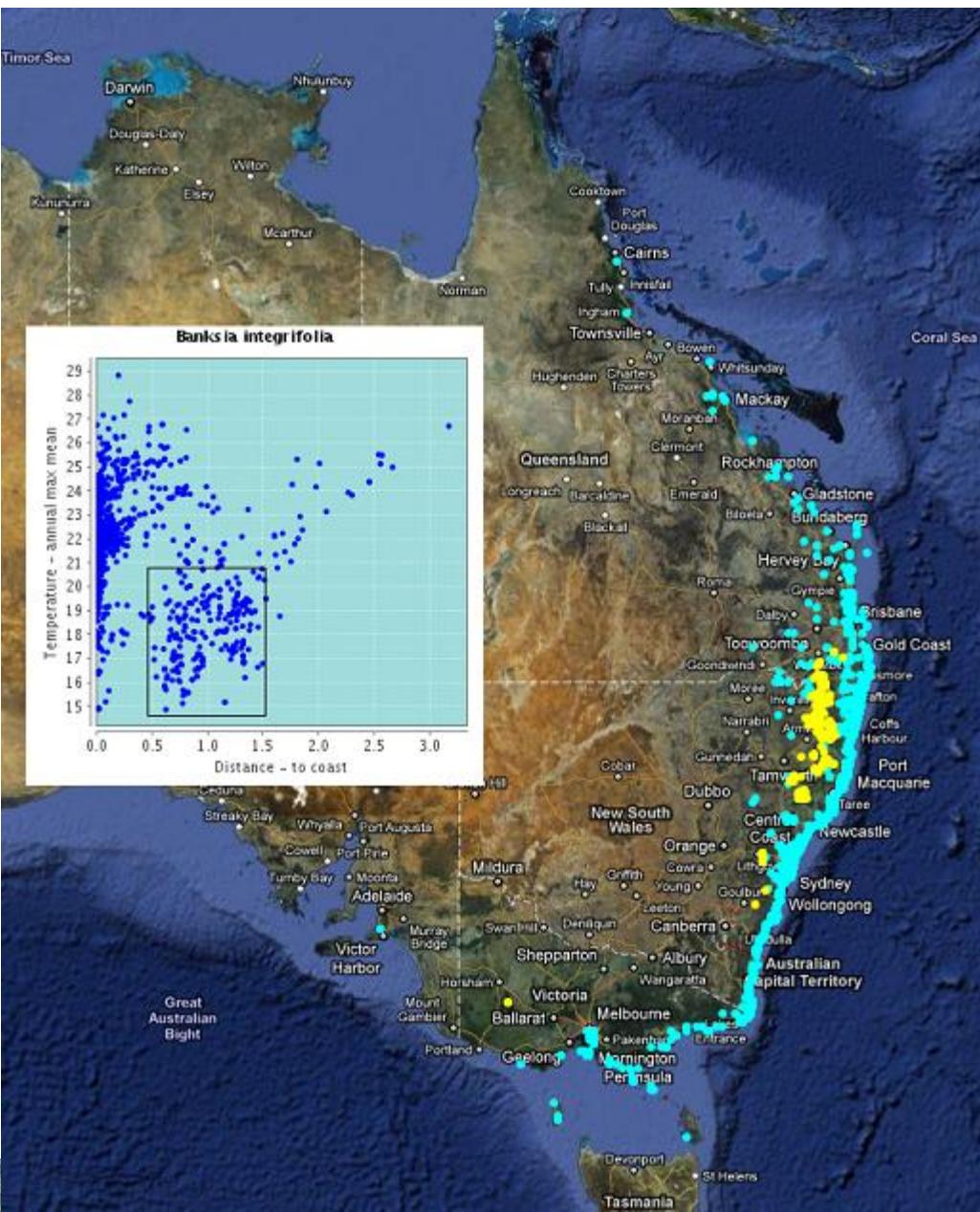
# *Banksia integrifolia*



### *Banksia integrifolia*



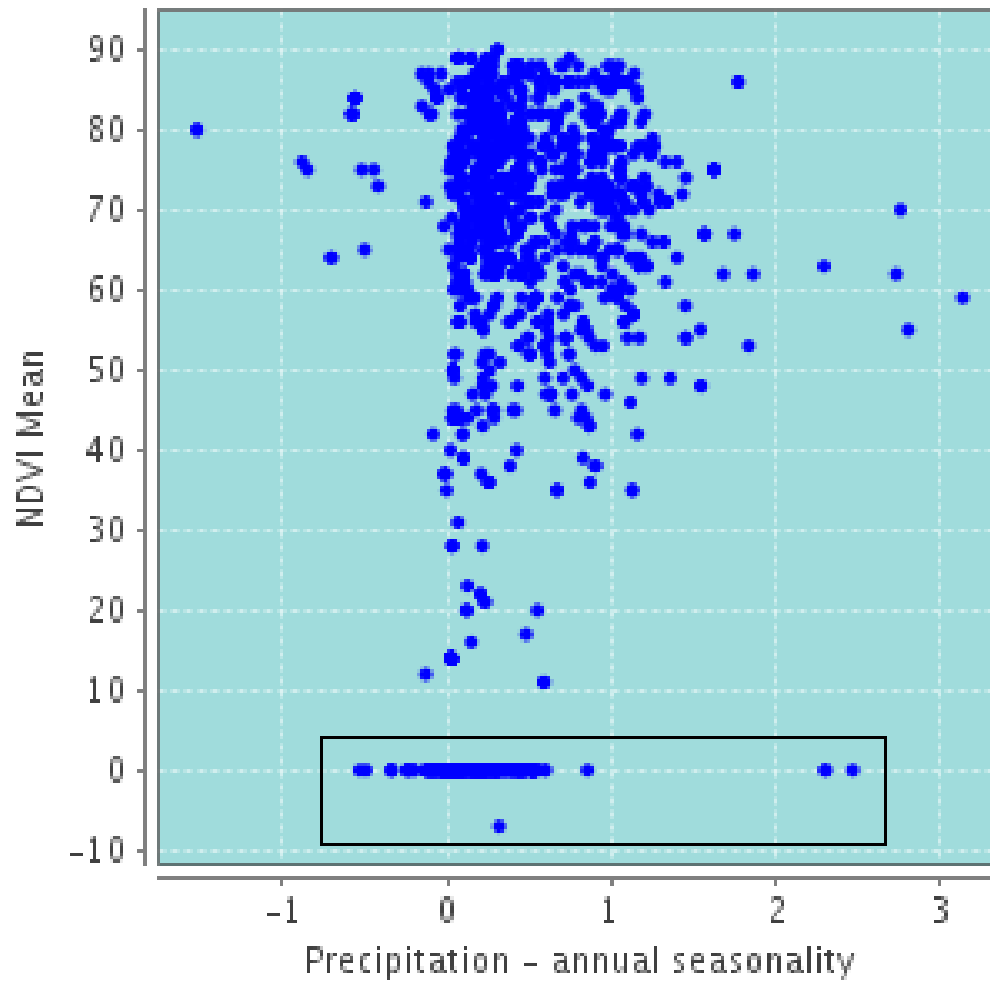


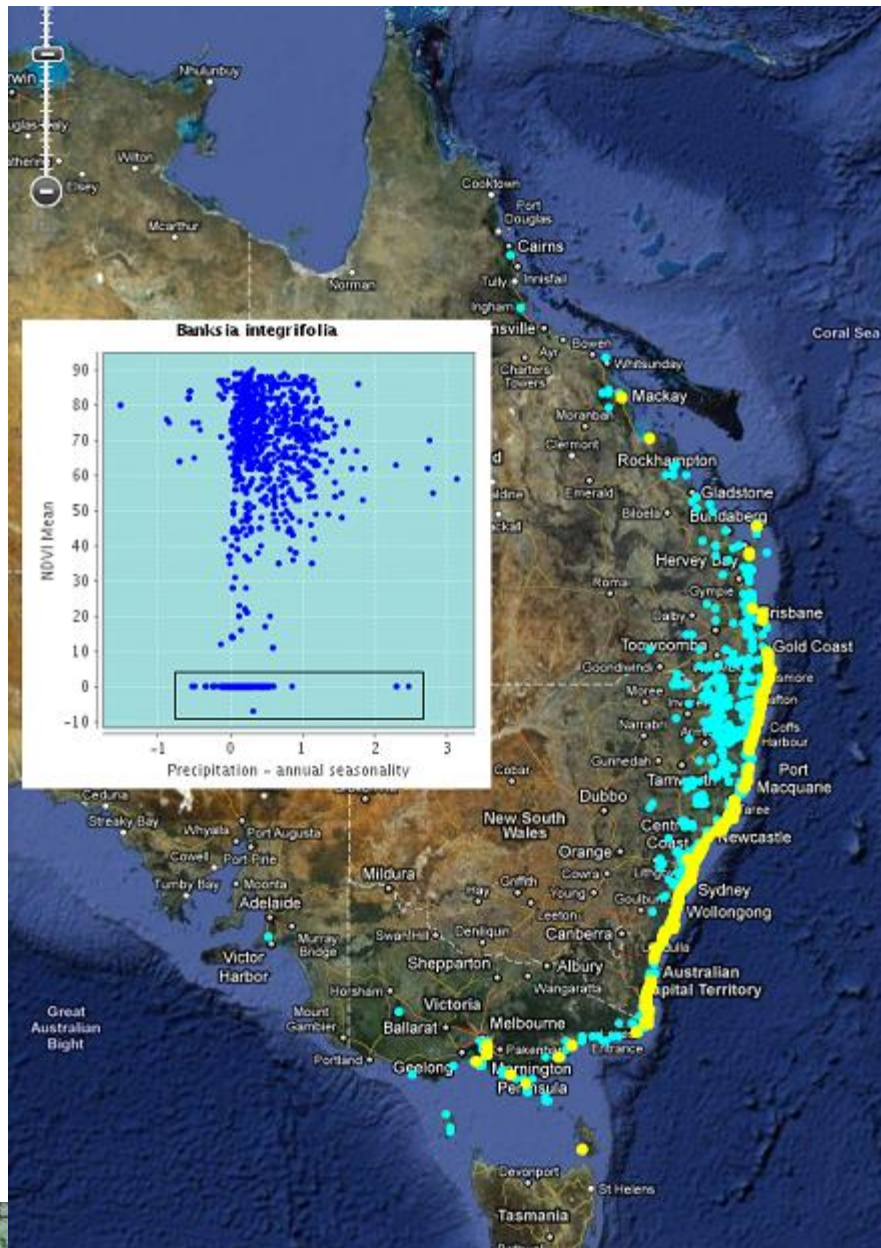


- *Banksia integrifolia* subsp. *monticola*
- species-level search returns mixture of records
- some subspecies records only catalogued at species level



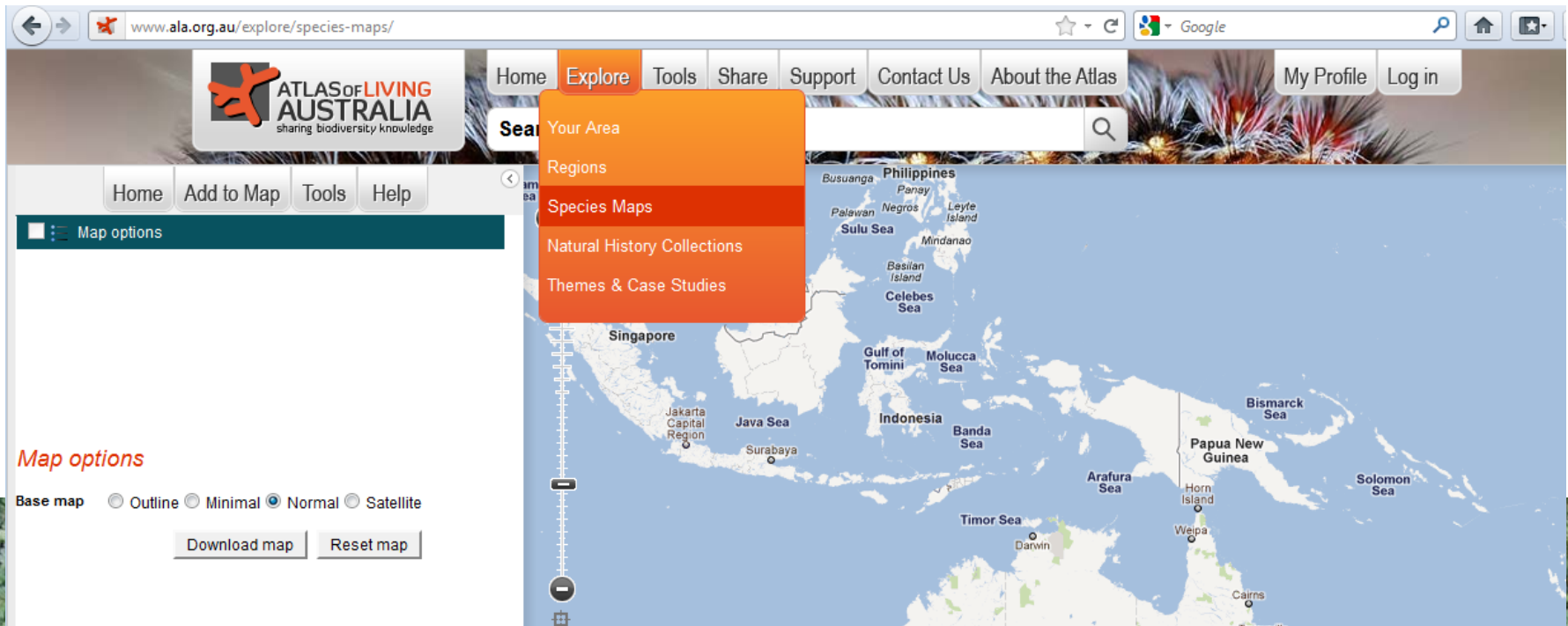
### *Banksia integrifolia*





# Scatter plot tool

- simple but effective
  - as exploratory tool
  - for detecting outliers etc prior to subsequent analyses
  - access to ALA biological & supporting data



The screenshot displays the Atlas of Living Australia (ALA) website interface. The browser address bar shows the URL [www.ala.org.au/explore/species-maps/](http://www.ala.org.au/explore/species-maps/). The main navigation bar includes links for Home, Explore, Tools, Share, Support, Contact Us, and About the Atlas. A search bar is located to the right of the navigation bar. The 'Explore' menu is open, showing options: Your Area, Regions, Species Maps, Natural History Collections, and Themes & Case Studies. The 'Species Maps' option is highlighted. Below the navigation bar, there are buttons for Home, Add to Map, Tools, and Help. The main content area features a map of Southeast Asia, including the Philippines, Indonesia, and Papua New Guinea. The map is labeled with various geographical features such as the Sulu Sea, Celebes Sea, Molucca Sea, and Bismarck Sea. The 'Map options' section is visible on the left, showing radio buttons for Base map, Outline, Minimal, Normal (selected), and Satellite. There are also buttons for Download map and Reset map.





[www.ala.org.au](http://www.ala.org.au)

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