

Understanding Strategic Management Prospects (SMP) – Scatter Plots

Strategic Management Prospects (SMP) scatter plots provide a view of the relative benefit that each species could receive from the most cost-effective actions in a defined area (polygon), plotted against the proportion of the species' distribution in Victoria contained within that polygon. Each dot represents a different species and the colour of the dot represents the taxonomic group (Class of animal, or plant). The dot size is a measure of alignment between a species' location and cost-effective action, with larger dots representing a higher match. Where the proportional distribution is high, large dots may indicate the need for more targeted management actions.

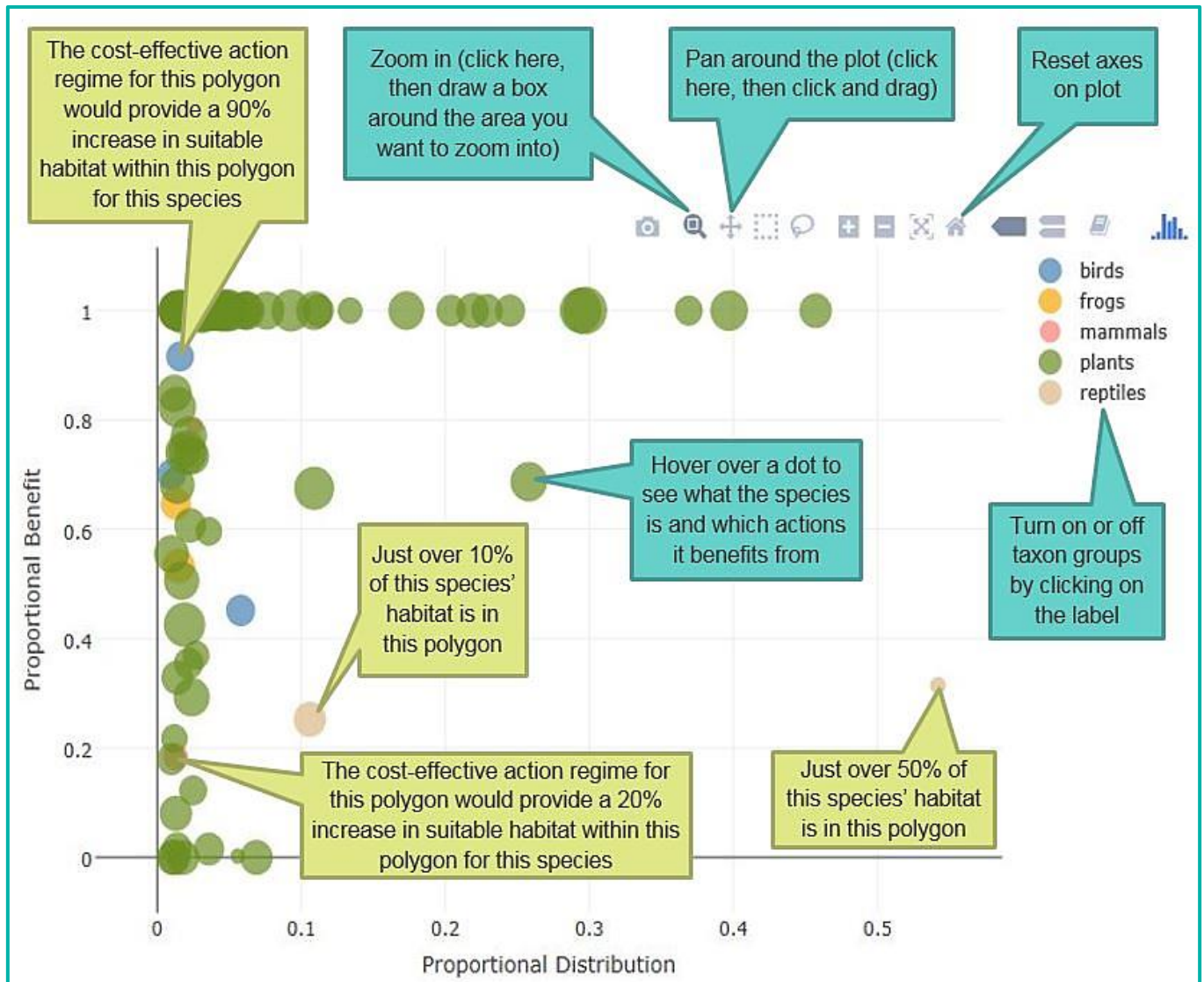
The y-axis shows the expected Change in Suitable Habitat within the polygon from undertaking the cost-effective actions, expressed as a proportion of the expected total suitable habitat without any management action. For example, a value of 0.5 suggests that, over 50 years, the cost-effective management regime would yield a 50% increase in suitable habitat within the polygon, relative to no biodiversity management regime).

The x-axis shows the Proportional Distribution for each species - the proportion of a species' habitat within Victoria that is contained within the polygon. Species to the right of the plot have a higher proportion of their Victorian distribution within the polygon, and are therefore more dependent on management actions within the polygon for their long-term persistence in Victoria.



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Explore the information in the scatter plot by hovering a cursor over each dot to see the species and potential benefits. You can turn taxon groups on/off, or use the toolbar at the top to zoom in/out or pan around the plot.



For more information about Strategic Management Prospects visit <https://www.environment.vic.gov.au/biodiversity/natureprint>.

To view SMP products go to <https://naturekit.biodiversity.vic.gov.au>.

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