

# Understanding Strategic Management Prospects (SMP) – Total Benefits Tables

Strategic Management Prospects (SMP) Total Benefits Tables show how individual species might benefit from potential management actions. These tables list all species with modelled habitat in the defined area (polygon) and the total benefits (measured in Change in Suitable Habitat) each could receive from each action in SMP.

You can use this table to find out how much of each species' distribution in Victoria falls within the polygon. This indicates how important the area in this polygon might be to the species. For example, a Proportional Distribution of 80% for a species means that 80% of that species' distribution in Victoria is within the polygon. In this case, this area is likely to be very important for conservation of that species, and the species is relatively more dependent on effective management within this polygon for its long-term persistence.

Conversely, if a species occurs in a polygon, but has a relatively small Proportional Distribution (e.g. 1%), this usually indicates the area in this polygon is not as critical to that species' long-term persistence. Exceptions might include important population breeding sites, or migratory routes. When a species' proportional distribution is low, management in places outside the polygon is likely to provide more benefit to that species.

The column titled *Habitat extent (% of polygon)* shows how widespread the species is within the polygon. A species that is highly localised, and also has a large proportion of its Victorian distribution within the polygon may need further consideration, especially if the species is not receiving strong benefits from the cost-effective action(s).

The benefit estimates shown in this table assume that each action is undertaken everywhere that the corresponding threat is present within the polygon. It does not indicate which actions are the most cost-effective. To see where this is on a map, you can view the Benefit of Action maps for each action in NatureKit (<https://naturekit.biodiversity.vic.gov.au>).

The Total Benefits Table shows the same information as the Total Benefits Bar Plot, which combines species into taxon groups to simplify the display. Refer to *Understanding SMP Bar Plots* for more information (available at <https://www.environment.vic.gov.au/biodiversity/natureprint>).

The Total Benefits Table complements the Total Benefits Bar Plot and the Benefits of Action maps in NatureKit.

**Total Benefits Bar Plots** provides a quick view, and easy comparison of, the potential CSH of the different actions in SMP.

**Total Benefits Tables** allows more detailed information to be viewed from a range of perspectives.

Species	Total Benefit (all actions)	Proportional Distribution (%)	Habitat extent (% of polygon)	Weed Control	Rabbit Control
Astrotricha_sp_1_Spp505601	222	100	8	49	8
Pultenaea_subalpina_Spp502673	30	100	6	11	0
Eucalyptus_aff_serraensis_Mt_William_Spp505541	378	99	8	75	3
Grevillea_microstegia_Spp501542	441	99	10	93	18
10425	4191	99	34	920	49
3pp504749	174	98	28	41	7
_var_subcoriacea_Spp504846	370	98	26	86	9
_Spp503917	36	98	7	4	3
pp504750	223	98	29	68	8
i_Spp528435	81	98	17	25	0

**Benefit of Action maps** show where and to what extent management actions could benefit species.

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You can explore the benefits information in this table by filtering for a single species, turning on/off columns, sorting columns, or exporting the data.

The screenshot shows a table with the following columns: Total Benefit (all actions), Proportional Distribution (%), Habitat extent (% of polygon), Weed Control, Rabbit Control, and Goat Control. The table lists various species and their associated benefits. Callouts provide instructions on how to interact with the table:

- Select columns to hide or display:** A callout points to the 'Column visibility' button.
- Export for greater functionality:** A callout points to the 'CSV' button.
- Type all or part of the name of the species you are interested in to filter for this species:** A callout points to the search bar.
- Sort within the columns:** A callout points to the sort arrows on the column headers.
- This polygon contains 99% of *Grevillea microstegia*'s Victorian habitat:** A callout points to the 'Proportional Distribution (%)' column for *Grevillea microstegia*.
- Habitat for *Eucalyptus verrucata* covers 29% of this polygon:** A callout points to the 'Habitat extent (% of polygon)' column for *Eucalyptus verrucata*.
- Weed Control could provide 920 ha of Change in Suitable Habitat for *Boronia latipinna* if it was conducted everywhere that transformer weeds are present in this polygon:** A callout points to the 'Weed Control' column for *Boronia latipinna*.
- Scroll across to see all the columns:** A callout points to the horizontal scrollbar.
- See other pages in the table:** A callout points to the pagination controls.

Species	Total Benefit (all actions)	Proportional Distribution (%)	Habitat extent (% of polygon)	Weed Control	Rabbit Control	Goat Control
<i>Astrotricha_sp_1_Spp505601</i>	2	100	8	49	8	44
<i>Pultenaea_subalpina_Spp502</i>	0	100	6	11	0	2
<i>Eucalyptus_aff_serraensis_McWilliami_Spp50664</i>	8	99	8	75	3	46
<i>Grevillea_microstegia_Spp501542</i>	441	99	10	93	18	78
<i>Boronia_latipinna_Spp500425</i>	4191	99	34	920	49	721
<i>Eucalyptus_serraensis_Spp504749</i>	174	98	28	41	7	27
<i>Prostanthera_lasianthos_var_su</i>		98	26			
<i>Pterostylis_planulata_ss_Spp50</i>		98	7			
<i>Eucalyptus_verrucata_Spp504750</i>	223	98	29			
<i>Dryopoa_dives_subsp_B_Spp528435</i>	81	98	17			

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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