



SAVING OUR SPECIES

Help save the Yellow Satinheart

Bosistoia transversa

Saving our Species aims to secure as many threatened species and ecological communities as possible. This conservation strategy aims to secure the species in the long term. The strategy was developed by experts who identified the minimum number of priority management sites and conservation actions required to manage critical threats to conserve the species in NSW.

Five priority management sites were identified in NSW (ordered north to south and including local government area (LGA)). They are:

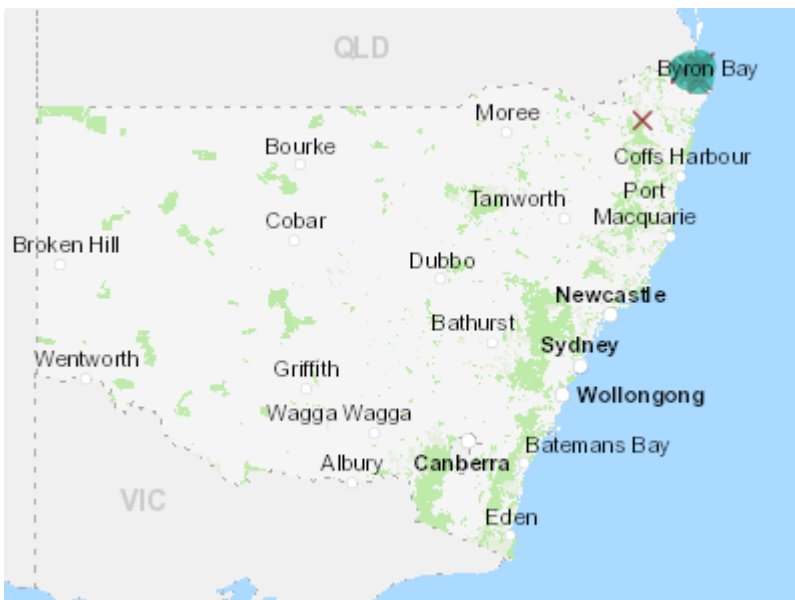
- Terranora Plateau in Tweed LGA
- Numinbah Nature Reserve in Tweed LGA
- Limpinwood Nature Reserve in Tweed LGA
- Wollumbin National Park in Tweed LGA
- Inner Pocket Nature Reserve in Byron, Tweed LGA

More information about each site is provided on the following pages.

Saving our Species is based on a cost-effective approach that maximises the number of threatened species and ecological communities conserved through on-ground management action. If you want to contact us please email savingourspecies@environment.nsw.gov.au

Strategic Importance: The NSW populations of *Bosistoia transversa* are important southern outliers of the species total distribution. There are a few discrete sites in NSW and the distribution has been gradually reducing. Sites are isolated from the broader northern distribution of the species and so may be genetically distinct and provide cooler climate habitat to support climate change adaptation.

Map of Yellow Satinheart occurrence and priority management site(s)



✗ Species occurrence(*) ● Priority management site

Conservation status in NSW:

Vulnerable

Commonwealth status:

Vulnerable

Saving our Species management stream:

Partnership (range-restricted)

Species profile:

<http://www.environment.nsw.gov.au/threatenedspeciesapp/profile.aspx?id=10103>

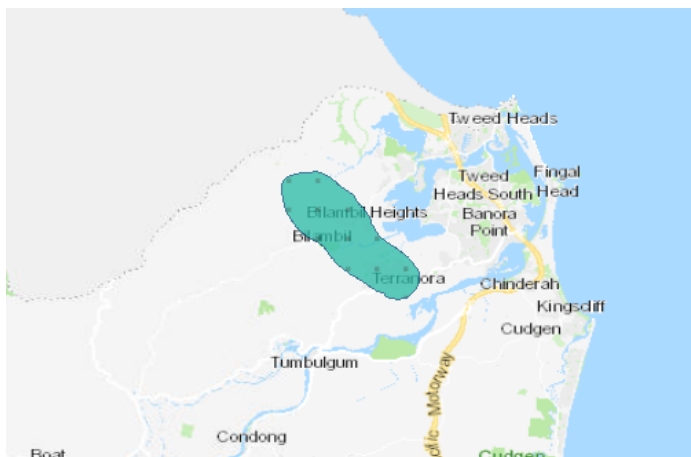
Saving our Species delivers on the NSW Government's legislative requirements under the *Biodiversity Conservation Act 2016*.

*Recorded species sightings (BioNet).

Site 1: Terranora Plateau

Terranora Plateau (includes conservation covenant, Terranora, Cobaki, Bilambil)

Management site map



 Priority management site

Management activities to protect the Yellow Satinheart at the site

Threat	Objective	Action
Habitat degradation through weed invasion and disturbance.	Reduce and maintain weed densities at low levels	Control weeds in species habitat at priority sites
Vegetation clearing for development.	Ensure land management is sympathetic to the long term requirements of the species	Liaise with council, Local Land Services, and landholders to support surveys, protection, and management of the species across tenures.
Vegetation clearing for agricultural purposes.	Restore or supplement habitat or habitat features	Support regeneration, including through Landcare, to improve habitat quality and population augmentation to promote increased abundance at the site.
	Track species abundance / condition over time	Establish baseline monitoring plots for the species population at the site. Conduct targeted annual surveys during flowering and seeding to monitor the species abundance, extent, recruitment, and condition at the site to determine species response to management and to monitor the severity of threats.

Total site area (ha):

1672.13

Local government area:

Tweed

National Parks and Wildlife Service reserve:

N/A

Occurs on private land:

No

Monitoring actions

Regular monitoring of the species at the site will be conducted to determine the local population trends through time.

The extent and severity of threats will also be monitored to assess the effectiveness of management actions.

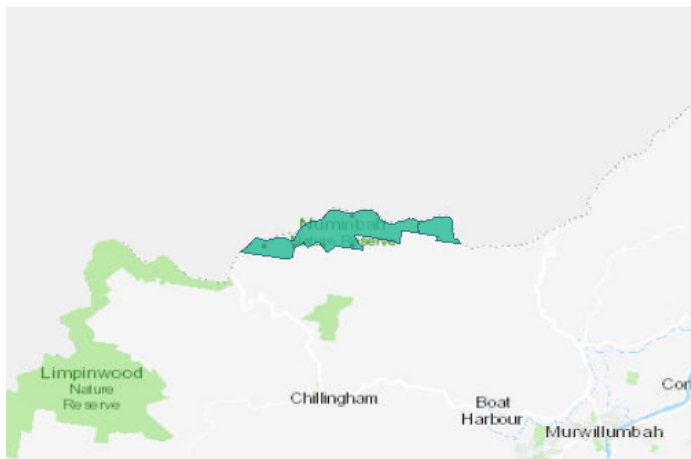
Management actions will be adapted, added, or removed over time in response to monitoring results, based on maximising the project's effectiveness.

[Monitoring, Evaluation and Reporting Guidelines for Conservation Projects.](#)

Site 2: Numinbah Nature Reserve

Numinbah Nature Reserve (near natural bridge)

Management site map



 Priority management site

Management activities to protect the Yellow Satinheart at the site

Threat	Objective	Action
Habitat degradation through weed invasion and disturbance.	Reduce and maintain weed densities at low levels	Control weeds in species habitat at priority sites
	Track species abundance / condition over time	Establish baseline monitoring plots for the species population at the site. Conduct targeted annual surveys during flowering and seeding to monitor the species abundance, extent, recruitment, and condition at the site to determine species response to management and to monitor the severity of threats.

Total site area (ha):

901.48

Local government area:

Tweed

National Parks and Wildlife Service reserve:

Numinbah Nature Reserve

Occurs on private land:

No

Monitoring actions

Regular monitoring of the species at the site will be conducted to determine the local population trends through time.

The extent and severity of threats will also be monitored to assess the effectiveness of management actions.

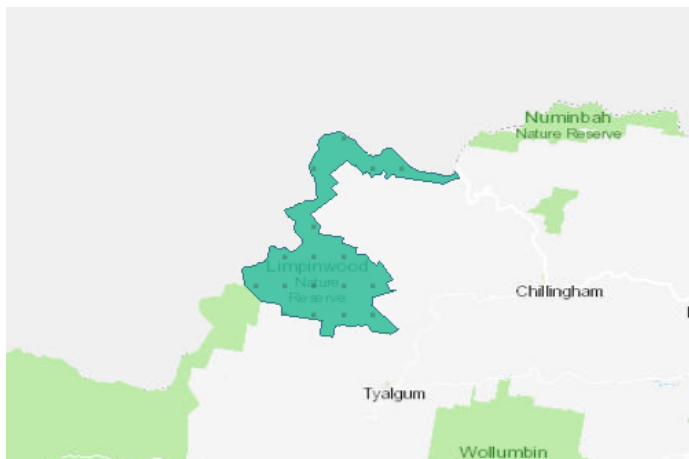
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Site 3: Limpinwood Nature Reserve

Limpinwood Nature Reserve

Management site map



 Priority management site

Management activities to protect the Yellow Satinheart at the site

Threat	Objective	Action
Habitat degradation through weed invasion and disturbance.	Reduce and maintain weed densities at low levels	Control weeds in species habitat at priority sites
	Track species abundance / condition over time	Establish baseline monitoring plots for the species population at the site. Conduct targeted annual surveys during flowering and seeding to monitor the species abundance, extent, recruitment, and condition at the site to determine species response to management and to monitor the severity of threats.

Total site area (ha):

2836.92

Local government area:

Tweed

National Parks and Wildlife Service reserve:

Border Ranges National Park, Limpinwood Nature Reserve

Occurs on private land:

No

Monitoring actions

Regular monitoring of the species at the site will be conducted to determine the local population trends through time.

The extent and severity of threats will also be monitored to assess the effectiveness of management actions.

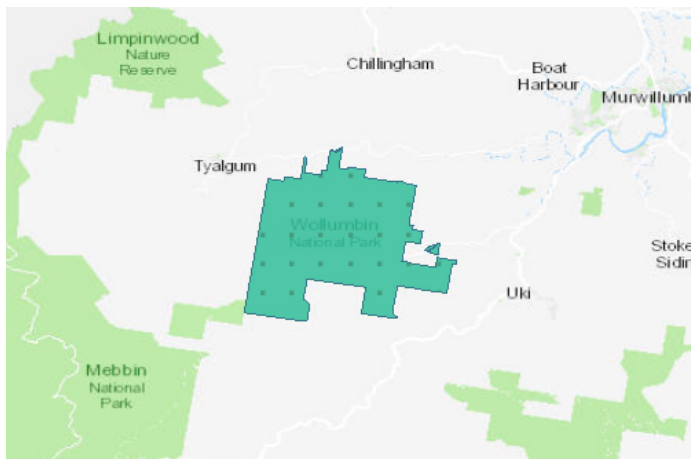
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[Monitoring, Evaluation and Reporting Guidelines for Conservation Projects.](#)

Site 4: Wollumbin National Park

Wollumbin/ Mt Warning

Management site map



 Priority management site

Management activities to protect the Yellow Satinheart at the site

Threat	Objective	Action
	Track species abundance / condition over time	Establish baseline monitoring plots for the species population at the site. Conduct targeted annual surveys during flowering and seeding to monitor the species abundance, extent, recruitment, and condition at the site to determine species response to management and to monitor the severity of threats.

Total site area (ha):

4248.30

Local government area:

Tweed

National Parks and Wildlife Service reserve:

Wollumbin National Park, Wollumbin State Conservation Area

Occurs on private land:

No

Monitoring actions

Regular monitoring of the species at the site will be conducted to determine the local population trends through time.

The extent and severity of threats will also be monitored to assess the effectiveness of management actions.

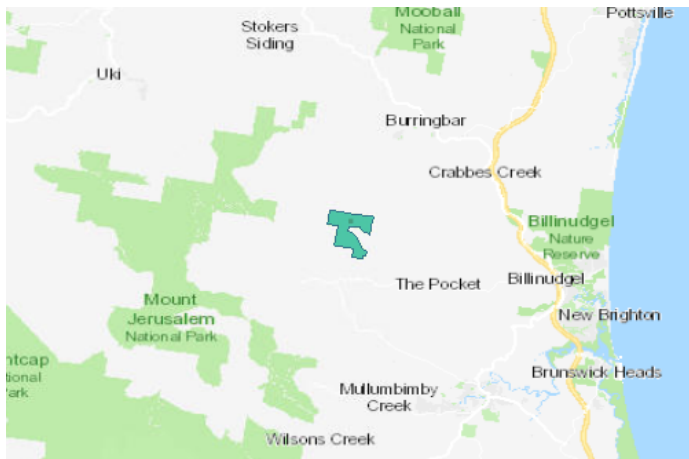
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[Monitoring, Evaluation and Reporting Guidelines for Conservation Projects.](#)

Site 5: Inner Pocket Nature Reserve

Inner Pocket Nature Reserve (near Mullumbimby)

Management site map



 Priority management site

Management activities to protect the Yellow Satinheart at the site

Threat	Objective	Action
Habitat degradation through weed invasion and disturbance.	Reduce and maintain weed densities at low levels	Control weeds in species habitat at priority sites
	Track species abundance / condition over time	Establish baseline monitoring plots for the species population at the site. Conduct targeted annual surveys during flowering and seeding to monitor the species abundance, extent, recruitment, and condition at the site to determine species response to management and to monitor the severity of threats.

Total site area (ha):

233.65

Local government area:

Byron, Tweed

National Parks and Wildlife Service reserve:

Inner Pocket Nature Reserve

Occurs on private land:

No

Monitoring actions

Regular monitoring of the species at the site will be conducted to determine the local population trends through time.

The extent and severity of threats will also be monitored to assess the effectiveness of management actions.

Management actions will be adapted, added, or removed over time in response to monitoring results, based on maximising the project's effectiveness.

[Monitoring, Evaluation and Reporting Guidelines for Conservation Projects.](#)

Find out more about our program

Visit <http://www.environment.nsw.gov.au/savingourspecies>