



**SAVING OUR SPECIES**

# Yellow-spotted Tree Frog

2022-2023 annual report card

**Overall status\***

- Populations at all sites are known to be on track.
- **Threat management is known to be on track at all sites, and population status is unknown at one or more sites.**
- Threat management is known to be off track at one or more sites, and population status is unknown at one or more sites.
- Populations at one or more sites are known to be off track.

\* For SoS priority management sites (may not include all locations where the species occurs in NSW)

**Summary**

<b>Management sites</b>	Taronga Captive Program; Translocation Site; Yass Population
<b>Action implementation</b>	2 (of 2) management actions were fully or partially implemented as planned for the financial year.
<b>Total expenditure</b>	\$150,600 (\$104,500 cash; \$46,100 in-kind)
<b>Partners</b>	Central Tablelands Local Land Services; Environment and Heritage Group; Taronga Conservation Society Australia



**Scientific name:**  
*Litoria castanea*

**NSW status:**  
Critically Endangered

**Commonwealth status:**  
Critically Endangered

**Management stream:**  
Site-managed species

Photo: David Hunter

# Priority management site: Taronga Captive Program

<p><b>Local government area:</b> Mosman; Unincorporated - Sydney Harbour Area</p> <p><b>Partners:</b> Environment and Heritage Group; Taronga Conservation Society Australia</p>	<p><b>Population outcome</b></p> <ul style="list-style-type: none"> <li><span style="color: green; font-size: 1.2em; margin-right: 5px;">●</span> On track</li> <li><span style="color: lightgreen; font-size: 1.2em; margin-right: 5px;">●</span> <b>On track (inferred)</b></li> <li><span style="color: orange; font-size: 1.2em; margin-right: 5px;">●</span> Not on track (inferred)</li> <li><span style="color: red; font-size: 1.2em; margin-right: 5px;">●</span> Not on track</li> </ul> <p>The species population is inferred to be on track based on threat management being on track. The population trend is unknown at this time.</p>
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## Monitoring

Species population monitoring by one or more methods indicates response to management over time and provides an outcome measure.

Species population monitoring was not conducted at this site this financial year - Not planned in 2022-23

## Investment

Participant	Cash	In-kind
Environment and Heritage Group	\$0	\$600
Taronga Conservation Society Australia	\$17,000	\$40,000

## Management actions

The following actions are those identified as being required in financial year 2022-2023 to secure the species in the wild.

Threat	Management action	Implemented as planned?
Restricted <i>in-situ</i> distribution/population size.	Maintain captive breeding population	Yes

## Threat outcome

Assessment on the status of critical threats at this site.

Threat	Annual target	Threat status
Restricted <i>in-situ</i> distribution/ population size.	Maintain captive breeding population	On track

## Site summary

Taronga continue to maintain the captive breeding population of yellow-spotted tree frog. No translocations were planned in 2022-23.

# Priority management site: Translocation Site

<p><b>Local government area:</b> Upper Lachlan Shire; Yass Valley</p> <p><b>Partners:</b> Central Tablelands Local Land Services; Environment and Heritage Group</p>	<p><b>Population outcome</b></p> <ul style="list-style-type: none"> <li><span style="color: green;">●</span> On track</li> <li><span style="color: lightgreen;">●</span> <b>On track (inferred)</b></li> <li><span style="color: orange;">●</span> Not on track (inferred)</li> <li><span style="color: red;">●</span> Not on track</li> </ul> <p>The species population is inferred to be on track based on threat management being on track. The population trend is unknown at this time.</p>
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## Monitoring

Species population monitoring by one or more methods indicates response to management over time and provides an outcome measure.

Species population monitoring was not conducted at this site this financial year - no translocations in 2022-23

## Investment

Participant	Cash	In-kind
Environment and Heritage Group	\$87,500	\$5,500

## Management actions

The following actions are those identified as being required in financial year 2022-2023 to secure the species in the wild.

Threat	Management action	Implemented as planned?
Lack of knowledge of additional populations, extent of suitable habitat or distribution of the species in the surrounding area.	Support Australian Museum to implement and refine targeted survey techniques	Yes

## Threat outcome

Assessment on the status of critical threats at this site.

Threat	Annual target	Threat status
Lack of knowledge of additional populations, extent of suitable habitat or distribution of the species in the surrounding area.	Refine knowledge of extant distribution	Not assessed

## Site summary





Improved knowledge and engagement to support targeted surveys and reintroductions of yellow-spotted tree frogs has been undertaken in partnership with the Australian Museum, under a service level agreement that was extended in scope in 2022-23, and which targets threatened frog conservation on the New England Tablelands.

# Priority management site: Yass Population

**Local government area:**  
Yass Valley

**Partners:**  
Central Tablelands Local Land Services; Environment and Heritage Group

## Population outcome

-  On track
-  **On track (inferred)**
-  Not on track (inferred)
-  Not on track

The species population is inferred to be on track based on threat management being on track. The population trend is unknown at this time.

## Monitoring

*Species population monitoring by one or more methods indicates response to management over time and provides an outcome measure.*

Species population monitoring was not conducted at this site this financial year - Nil recovery from La Nina- related local extinction post 2012

## Management actions

*No management actions were planned at this site for the financial year.*

## Threat outcome

*Assessment on the status of critical threats at this site.*

Threat	Annual target	Threat status
Domestic stock; direct disturbance from cattle and sheep.	Not planned in 2022-23	Not assessed
Tussock and gorse encroaching on suitable habitat, limits availability of open space habitat used by the frogs.	Not planned in 2022-23	Not assessed
Loss or modification of wetlands, swamps and slow-flowing creeks and the adjacent vegetation.	Not planned in 2022-23	Not assessed

## Site summary

No actions planned or implemented in 2022-23. The focus for the project is currently captive breeding, reintroduction, and survey.

Saving our Species 2022-2023 annual report card for Yellow-spotted Tree Frog (*Litoria castanea*). For more information refer to the specific strategy in the Saving our Species program.