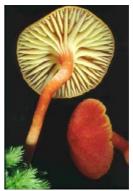


Saving our Species project 2014-15 annual report card Hygrocybe rubronivea

Species attributes

| Scientific name: | Hygrocybe rubronivea |
|----------------------|----------------------|
| NSW status: | Vulnerable |
| Commonwealth status: | Not listed |
| Management stream: | Site-managed |



Photographer: Ray & Elma Kearney

Overall project status*

Stable or increasing population trend for all key management sites Population trend not determined for some key management sites; too early to determine overall status

Decreasing population trend for at least one key management site; project review triggered

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

Project summary

| Key management sites: | Lane Cove Bushland Park; Mount Wilson |
|------------------------|---|
| Action implementation: | 7 of 7 actions were implemented as planned for the financial year (includes species population monitoring actions + other project actions fully or partially implemented) |
| Total expenditure: | \$12,926 (cash and in-kind) |
| Project partners: | Greater Sydney Local Land Services; Lane Cove Municipal Council; Office of Environment and Heritage; Sydney Fungal Studies Group |



LGA: Lane Cove

Project partners: Greater Sydney Local Land Services; Lane Cove Municipal Council; Office of Environment and Heritage; Sydney Fungal Studies Group

Species population monitoring action

Reported trends are based on best available information

| Estimated population | Population monitoring conducted | Conducted by | Trend |
|----------------------|---------------------------------|-----------------------------|-------------------|
| Unknown | Yes | Sydney Fungal Studies Group | Not determined |

Investment

This includes cash and in-kind contributions

| Project participant | Investment |
|------------------------------------|------------|
| Greater Sydney Local Land Services | \$5,333 |
| Lane Cove Municipal Council | \$4,511 |
| Sydney Fungal Studies Group | \$2,060 |
| Office of Environment and Heritage | \$1,022 |

.

For more information refer to the Saving our Species program.

Saving our Species annual report card

Project actions

The project actions below are those identified as being required in 2014-15 to secure the species in the wild

| Threat | Management/monitoring action description | Implemented as planned? |
|--|--|-------------------------|
| Damage and loss of habitat due to weed encroachment and inappropriate bush regeneration measures that disturb the forest canopy and native understorey plants. | Liasion with landholders to educate about harmful activities and seek permission to implement weed control on their properties, especially new residents. | Yes |
| Damage or loss due to changes in water quality and volume, particularly industrial pollutants and domestic contaminants. | Liaise with Sydney Water to have systematic assessment of status of pipes/pop-tops in close proximity to sites with species. Repair/replace pipes where sewage is leaching into habitat and monitor and maintain pipes/pop-tops. | Yes |
| Damage or loss due to changes in water quality and volume, particularly industrial pollutants and domestic contaminants. | Conduct education activities (workshops, leaflets) with local business ensuring they are aware of <i>Protection of</i> <i>the Environment Operations Act 1997</i> , fines for pollutions and appropriate chemical disposal methods. | Yes |
| Damage and loss of habitat due to weed encroachment and inappropriate bush regeneration measures that disturb the forest canopy and native understorey plants. | Ongoing weed control in accordance with Office of Environment and Heritage best practice guidelines. | Yes |
| Lack of understanding of habitat requirements, ecological processes and associations between fungi, their habitat and other species. | Investigate associations between the fungi and other species such as mosses and trees. | Yes |
| Damage and loss of habitat due to weed encroachment and inappropriate bush regeneration measures that disturb the forest canopy and native understorey plants. | Monitor target weed density using methodologies outlined in the monitoring manual for bitou bush control and native plant recovery (http://www.environment.nsw.gov.au/resources/pestswe eds/09352MManualStandardTier.pdf). | Yes |

Saving our Species annual report card

Hygrocybe rubronivea (Hygrocybe rubronivea)

For more information refer to the Saving our Species program.

Management site 2: Mount Wilson

LGA: Blue Mountains

No actions were implemented at this site during 2014/15.

Saving our Species annual report card

Hygrocybe rubronivea (Hygrocybe rubronivea)

For more information refer to the Saving our Species program.