

Saving our Species project 2014-15 annual report card

Hooded Plover

Species attributes

| | |
|----------------------|------------------------------|
| Scientific name: | <i>Thinornis rubricollis</i> |
| NSW status: | Critically endangered |
| Commonwealth status: | Vulnerable |
| Management stream: | Site-managed |



Photographer: Leo Berzins

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: | Tuross Brou; Murramarang; Tilba Wallaga; Conjola; Tathra; Mimosa Rocks; Wallagoot Lake; Ben Boyd North; South East Forests; Nadgee |
| Action implementation: | 56 of 68 actions were implemented as planned for the financial year (includes species population monitoring actions + other project actions fully or partially implemented) |
| Total expenditure: | \$142,169 (cash and in-kind) |
| Project partners: | Office of Environment and Heritage; South Coast Shorebirds |

Management site 1: Tuross Brou

LGA: Eurobodalla

Project partners: Office of Environment and Heritage

Species population monitoring action

Reported trends are based on best available information

| Estimated population | Population monitoring conducted | Conducted by | Trend |
|----------------------|---------------------------------|------------------------------------|----------------|
| 0 adults | Not required | Office of Environment and Heritage | Not determined |

Investment

This includes cash and in-kind contributions

| Project participant | Investment |
|------------------------------------|------------|
| Office of Environment and Heritage | \$6,308 |

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? |
|--|---|--|
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Monitoring of fox activity as per the fox threat abatement plan (Fox TAP) for the site. | Implementation partial or not as planned |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Quantitative assessment of pest animal abundance/density/activity using appropriate methodology or qualitative estimate | Not required |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Monitor for evidence of direct disturbance on the species at the sites. | Not required |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Monitor impacts of silver gulls and ravens on individual nest-sites and reactively control via appropriate method (e.g. egg destruction / poisoning / shooting) when/where required to minimise frequency of nest predation. | Not required |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Implement fox threat abatement plan (Fox TAP) for the site. | Yes |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | NPWS Shorebird Coordinator to coordinate monitoring of known nesting sites and protection from / monitor human disturbance effects during the breeding season. Position also responsible for maintaining nest protection infrastructure (fences, signs) and promoting community awareness of the effects of disturbance on the species. | Implementation partial or not as planned |

Site summary

Shorebird Coordinator and fox control actions implemented. No Hooded Plovers bred at this site this season.

Management site 2: Murramarang

LGA: Eurobodalla; Shoalhaven

Project partners: Office of Environment and Heritage; South Coast Shorebirds

Species population monitoring action

Reported trends are based on best available information

| Estimated population | Population monitoring conducted | Conducted by | Trend |
|----------------------|---------------------------------|------------------------------------|----------------|
| 15 adults | Yes | Office of Environment and Heritage | Not determined |

Investment

This includes cash and in-kind contributions

| Project participant | Investment |
|------------------------------------|------------|
| South Coast Shorebirds | \$14,100 |
| Office of Environment and Heritage | \$29,185 |

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? |
|--|---|-------------------------|
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Monitoring of fox activity as per the fox threat abatement plan (Fox TAP) for the site. | Yes |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Monitor for evidence of direct disturbance on the species at the sites. | Yes |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Quantitative assessment of pest animal abundance/density/activity using appropriate methodology or qualitative estimate. | Yes |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Conduct additional fox control on Crown land behind Wairo Beach. | No |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Implement the fox threat abatement plan (Fox TAP) for the site. | Yes |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Monitor impacts of silver gulls and ravens on individual nest-sites and reactively control via appropriate method (e.g. egg destruction / poisoning / shooting) when/where required to minimise frequency of nest predation. | Yes |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Beach warden to coordinate continuous monitoring of known nesting sites and protect from / monitor human disturbance effects during the breeding season. Position also responsible for maintaining nest protection infrastructure (cages, fences) and promoting community awareness of the effects of disturbance on the species. | Yes |

Site summary

Actions implemented (but no additional baiting on Crown land behind Wairo Beach).

Management site 3: Tilba Wallaga

LGA: Eurobodalla

Project partners: Office of Environment and Heritage

Species population monitoring action

Reported trends are based on best available information

| Estimated population | Population monitoring conducted | Conducted by | Trend |
|----------------------|---------------------------------|------------------------------------|----------------|
| 2 adults | Yes | Office of Environment and Heritage | Not determined |

Investment

This includes cash and in-kind contributions

| Project participant | Investment |
|------------------------------------|------------|
| Office of Environment and Heritage | \$14,605 |

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? |
|--|---|--|
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Beach warden to coordinate continuous monitoring of known nesting sites and protect from / monitor human disturbance effects during the breeding season. Position also responsible for maintaining nest protection infrastructure (cages, fences) and promoting community awareness of the effects of disturbance on the species. | Yes |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Monitoring of fox activity as per the fox threat abatement plan (Fox TAP) for the site. | Implementation partial or not as planned |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Monitor for evidence of direct disturbance on the species at the sites. | Implementation partial or not as planned |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Quantitative assessment of pest animal abundance/density/activity using appropriate methodology or qualitative estimate. | Not required |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Monitor impacts of silver gulls and ravens on individual nest-sites and reactively control via appropriate method (e.g. egg destruction / poisoning / shooting) when/where required to minimise frequency of nest predation. | Not required |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Liaise with multiple landholders to gain approval / access for conducting fox baiting throughout the area. | Yes |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Implement the fox threat abatement plan (Fox TAP) for the site. | No |

Site summary

No Hooded Plovers breeding at this site this season.

Management site 4: Conjola

LGA: Shoalhaven

Project partners: Office of Environment and Heritage; South Coast Shorebirds

Species population monitoring action

Reported trends are based on best available information

| Estimated population | Population monitoring conducted | Conducted by | Trend |
|----------------------|---------------------------------|------------------------------------|----------------|
| 13 adults | Yes | Office of Environment and Heritage | Not determined |

Investment

This includes cash and in-kind contributions

| Project participant | Investment |
|------------------------------------|------------|
| South Coast Shorebirds | \$7,933 |
| Office of Environment and Heritage | \$23,070 |

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? |
|--|---|--|
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Monitoring of fox activity as per the fox threat abatement plan (Fox TAP) for the site. | Yes |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Monitor for evidence of direct disturbance on the species at the sites. | Yes |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Quantitative assessment of pest animal abundance/density/activity using appropriate methodology or qualitative estimate. | Yes |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Monitor impacts of silver gulls and ravens on individual nest-sites and reactively control via appropriate method (e.g. egg destruction / poisoning / shooting) when/where required to minimise frequency of nest predation. | Implementation partial or not as planned |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Implement the fox threat abatement plan (Fox TAP) for the site. | Yes |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Beach warden to coordinate continuous monitoring of known nesting sites and protect from / monitor human disturbance effects during the breeding season. Position also responsible for maintaining nest protection infrastructure (cages, fences) and promoting community awareness of the effects of disturbance on the species. | Yes |

Site summary

All actions implemented.

Management site 5: Tathra

LGA: Bega Valley; Eurobodalla

Project partners: Office of Environment and Heritage

Species population monitoring action

Reported trends are based on best available information

| Estimated population | Population monitoring conducted | Conducted by | Trend |
|----------------------|---------------------------------|------------------------------------|----------------|
| 1 adult | Yes | Office of Environment and Heritage | Not determined |

Investment

This includes cash and in-kind contributions

| Project participant | Investment |
|------------------------------------|------------|
| Office of Environment and Heritage | \$8,743 |

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? |
|--|---|--|
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Monitoring of fox activity as per the fox threat abatement plan (Fox TAP) for the site. | Yes |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Monitor for evidence of direct disturbance on the species at the sites. | Implementation partial or not as planned |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Quantitative assessment of pest animal abundance/density/activity using appropriate methodology or qualitative estimate. | Not required |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Monitor impacts of silver gulls and ravens on individual nest-sites and reactively control via appropriate method (e.g. egg destruction / poisoning / shooting) when/where required to minimise frequency of nest predation. | Not required |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Implement the fox threat abatement plan (Fox TAP) for the site. | Yes |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Beach warden to coordinate continuous monitoring of known nesting sites and protect from / monitor human disturbance effects during the breeding season. Position also responsible for maintaining nest protection infrastructure (cages, fences) and promoting community awareness of the effects of disturbance on the species. | Implementation partial or not as planned |

Site summary

All relevant actions implemented.

Management site 6: Mimosa Rocks

LGA: Bega Valley

Project partners: Office of Environment and Heritage

Species population monitoring action

Reported trends are based on best available information

| Estimated population | Population monitoring conducted | Conducted by | Trend |
|----------------------|---------------------------------|------------------------------------|----------------|
| 8 adults | Yes | Office of Environment and Heritage | Not determined |

Investment

This includes cash and in-kind contributions

| Project participant | Investment |
|------------------------------------|------------|
| Office of Environment and Heritage | \$8,805 |

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? |
|--|---|-------------------------|
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Monitor for evidence of direct disturbance on the species at the sites. | Yes |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Monitoring of fox activity as per the fox threat abatement plan (Fox TAP) for the site. | Yes |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Quantitative assessment of pest animal abundance/density/activity using appropriate methodology or qualitative estimate. | Yes |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Monitor impacts of silver gulls and ravens on individual nest-sites and reactively control via appropriate method (e.g. egg destruction / poisoning / shooting) when/where required to minimise frequency of nest predation. | Yes |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Implement the fox threat abatement plan (Fox TAP) for the site. | Yes |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Beach warden to coordinate continuous monitoring of known nesting sites and protect from / monitor human disturbance effects during the breeding season. Position also responsible for maintaining nest protection infrastructure (cages, fences) and promoting community awareness of the effects of disturbance on the species. | Yes |

Site summary

All actions implemented in full.

Management site 7: Wallagoot Lake

LGA: Bega Valley

Project partners: Office of Environment and Heritage

Species population monitoring action

Reported trends are based on best available information

| Estimated population | Population monitoring conducted | Conducted by | Trend |
|----------------------|---------------------------------|------------------------------------|----------------|
| 2 adults | Yes | Office of Environment and Heritage | Not determined |

Investment

This includes cash and in-kind contributions

| Project participant | Investment |
|------------------------------------|------------|
| Office of Environment and Heritage | \$8,805 |

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? |
|--|---|-------------------------|
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Monitoring of fox activity as per the relevant fox threat abatement plan (Fox TAP) for the site. | Yes |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Monitor for evidence of direct disturbance on the species at the sites. | Yes |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Quantitative assessment of pest animal abundance/density/activity using appropriate methodology or qualitative estimate. | Yes |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Monitor impacts of silver gulls and ravens on individual nest-sites and reactively control via appropriate method (e.g. egg destruction / poisoning / shooting) when/where required to minimise frequency of nest predation. | Yes |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Implement the fox threat abatement plan (Fox TAP) for the site. | Yes |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Beach warden to coordinate continuous monitoring of known nesting sites and protect from / monitor human disturbance effects during the breeding season. Position also responsible for maintaining nest protection infrastructure (cages, fences) and promoting community awareness of the effects of disturbance on the species. | Yes |

Site summary

All actions implemented in full.

Management site 8: Ben Boyd North

LGA: Bega Valley

Project partners: Office of Environment and Heritage

Species population monitoring action

Reported trends are based on best available information

| Estimated population | Population monitoring conducted | Conducted by | Trend |
|----------------------|--|------------------------------------|----------------|
| 1 adult | Implementation partial or not as planned | Office of Environment and Heritage | Not determined |

Investment

This includes cash and in-kind contributions

| Project participant | Investment |
|------------------------------------|------------|
| Office of Environment and Heritage | \$8,805 |

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? |
|--|---|--|
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Monitoring of fox activity as per the fox threat abatement plan (Fox TAP) for the site. | Yes |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Monitor for evidence of direct disturbance on the species at the sites. | Implementation partial or not as planned |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Quantitative assessment of pest animal abundance/density/activity using appropriate methodology or qualitative estimate. | Not required |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Implement the fox threat abatement plan (Fox TAP) for the site. | Yes |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Beach warden to coordinate continuous monitoring of known nesting sites and protect from / monitor human disturbance effects during the breeding season. Position also responsible for maintaining nest protection infrastructure (cages, fences) and promoting community awareness of the effects of disturbance on the species. | Implementation partial or not as planned |
| Silver gulls / ravens depredating and disturbing nests, reducing reproductive success / recruitment. | Monitor impacts of silver gulls and ravens on individual nest-sites and reactively control via appropriate method (e.g. egg destruction / poisoning / shooting) when/where required to minimise frequency of nest predation. | Not required |

Site summary

All relevant actions implemented.

Management site 9: South East Forests

LGA: Bega Valley

Project partners: Office of Environment and Heritage

Species population monitoring action

Reported trends are based on best available information

| Estimated population | Population monitoring conducted | Conducted by | Trend |
|----------------------|---------------------------------|------------------------------------|----------------|
| 2 adults | Yes | Office of Environment and Heritage | Not determined |

Investment

This includes cash and in-kind contributions

| Project participant | Investment |
|------------------------------------|------------|
| Office of Environment and Heritage | \$8,805 |

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? |
|--|---|-------------------------|
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Beach warden to coordinate continuous monitoring of known nesting sites and protect from / monitor human disturbance effects during the breeding season. Position also responsible for maintaining nest protection infrastructure (cages, fences) and promoting community awareness of the effects of disturbance on the species. | Yes |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Monitoring of fox activity as per the fox threat abatement plan (Fox TAP) for the site. | Yes |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Monitor for evidence of direct disturbance on the species at the sites. | Yes |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Implement fox baiting as per fox threat abatement plan (Fox TAP) protocols. | Yes |

Site summary

All actions implemented in full.

Management site 10: Nadgee

LGA: Bega Valley

Project partners: Office of Environment and Heritage

Species population monitoring action

Reported trends are based on best available information

| Estimated population | Population monitoring conducted | Conducted by | Trend |
|----------------------|---------------------------------|------------------------------------|----------------|
| 5 adults | Yes | Office of Environment and Heritage | Not determined |

Investment

This includes cash and in-kind contributions

| Project participant | Investment |
|------------------------------------|------------|
| Office of Environment and Heritage | \$3,005 |

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? |
|--|---|-------------------------|
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Monitor for evidence of direct disturbance on the species at the sites. | Yes |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Monitoring of fox activity as per the fox threat abatement plan (Fox TAP) for the site. | Yes |
| Disturbance to coastal feeding, nesting and roosting areas through increased human residence. Habitat is now regularly impacted by beach-combing, fishing, dog-walking, horse-riding and 4WD vehicles. | Beach warden to coordinate continuous monitoring of known nesting sites and protect from / monitor human disturbance effects during the breeding season. Position also responsible for maintaining nest protection infrastructure (cages, fences) and promoting community awareness of the effects of disturbance on the species. | Yes |
| Predation of eggs and chicks by foxes, dogs, and cats, Australian ravens, silver gulls and raptors. | Implement the fox threat abatement plan (Fox TAP) for the site (on north side of estuary). | Yes |

Site summary

All actions implemented in full.