

### Species attributes

Scientific name:	<i>Haematopus longirostris</i>
NSW status:	Endangered
Commonwealth status:	N/A
Management stream:	Site-managed



Photographer: Leo Berzins

### Overall project status\*



Populations at all sites are on target.



Populations at one or more sites were not monitored this year, but threat management is on target.  
Populations at remaining sites are on target.



Populations at one or more sites were not monitored this year, but threat management is not on target.  
Populations at remaining sites are on target.



Populations at one or more sites are not on target.

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

### Project summary

Priority management sites:	Bombing Range Beach; Broadwater Beach; Brunswick Heads North; Clarence River Entrance; Comerong Island; Conjola; Manning River; Murramarang; Narooma; South Ballina; Towra Point; Tuross Brou; Wooli; Yuraygir Mid; Yuraygir South
Action implementation:	64 of 65 actions were implemented as planned for the financial year (includes species population monitoring actions + other project actions fully or partially implemented)
Total expenditure:	\$278,711 (\$42,858 cash; \$235,854 in-kind)
Project partners:	Department of Defence; Department of Industry - Lands; Eurobodalla Shire Council; Greater Taree City Council; Hunter Local Land Services; North Coast Local Land Services; Office of Environment and Heritage; Shoalhaven City Council; South East Local Land Services; Sutherland Shire Council

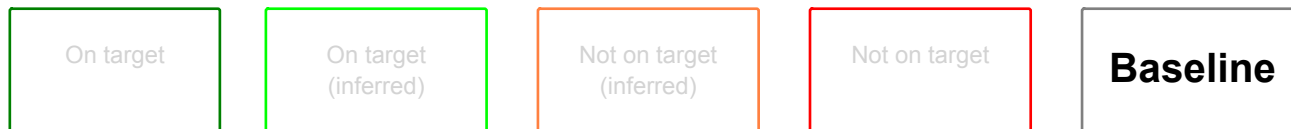
## Management site 1: South Ballina

LGA: Ballina; Richmond Valley

Project partners: Office of Environment and Heritage

Estimated species population size: ~9 breeding pairs

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
Species abundance		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$3,750	\$5,661

### Management actions

*The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.*

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	As per site plan.	Partial implementation ( )
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per site plan.	Partial implementation ( )
Predation of eggs and chicks by foxes.	As per site plan.	Yes

### Site summary

Not entered

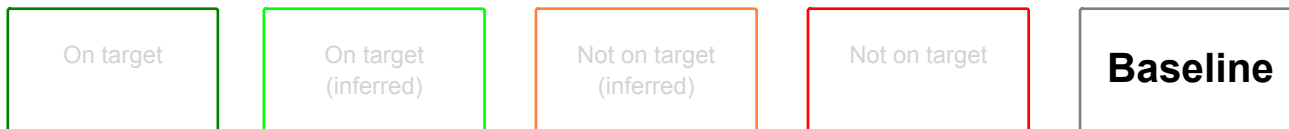
## Management site 2: Clarence River Entrance

LGA: Clarence Valley

Project partners: Office of Environment and Heritage

Estimated species population size: ~6 breeding pairs

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
Species abundance		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$0	\$5,525

### Management actions

*The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.*

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	As per site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per site plan.	Yes
Predation of eggs and chicks by foxes.	As per site plan.	Yes

### Site summary

Not entered

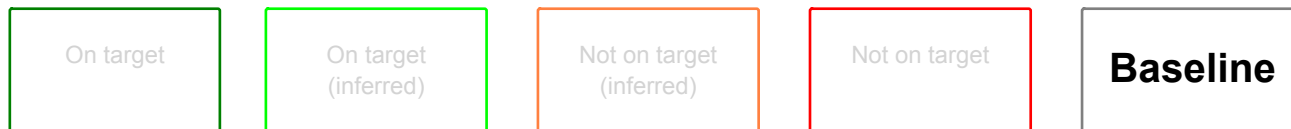
## Management site 3: Yuraygir Mid

LGA: Clarence Valley

Project partners: Office of Environment and Heritage

Estimated species population size: 1+ breeding pairs

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
Species abundance		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$1,550	\$5,188

### Management actions

*The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.*

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	As per site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per site plan.	Yes
Predation of eggs and chicks by foxes.	As per site plan.	Yes

### Site summary

Not entered

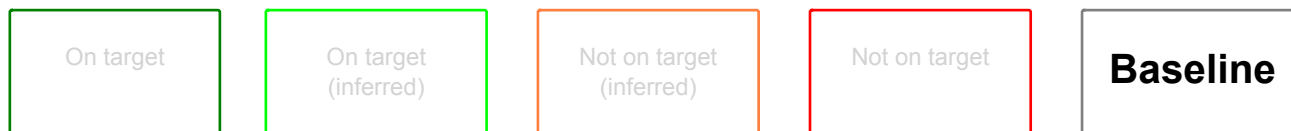
## Management site 4: Conjola

LGA: Shoalhaven

Project partners: Department of Industry - Lands; Office of Environment and Heritage; Shoalhaven City Council; South East Local Land Services

Estimated species population size: 14 adults

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
species response		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$3,792	\$14,344
Shoalhaven City Council	\$0	\$165
South East Local Land Services	\$0	\$4,640
Department of Industry - Lands	\$0	\$1,303

### Management actions

The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	Minimise human disturbance as per site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per site plan.	Yes
Predation of eggs and chicks by avian predators (mostly corvids and gulls)	Manage avian predators as per site plan.	Partial implementation ()

Site summary

Not entered

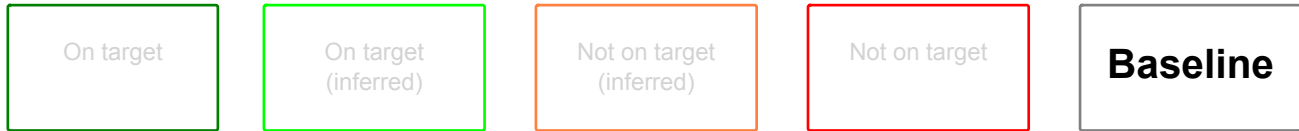
## Management site 5: Comerong Island

LGA: Kiama; Shoalhaven

Project partners: Department of Industry - Lands; Hunter Local Land Services; Office of Environment and Heritage;  
Shoalhaven City Council

Estimated species population size: ~3 breeding pairs

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
Species abundance		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$4,875	\$21,251
Shoalhaven City Council	\$0	\$495
Department of Industry - Lands	\$0	\$1,665
Hunter Local Land Services	\$0	\$5,590

## Management actions

The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	As per site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per site plan.	Yes
Inundation of nests by high tides, storms and other flooding	Manage inundation as per site plan.	Partial implementation ()
Predation of eggs and chicks by avian predators (mostly corvids and gulls)	As per site plan.	Partial implementation ()
Predation of eggs and chicks by foxes.	As per site plan.	Yes

## Site summary

Not entered



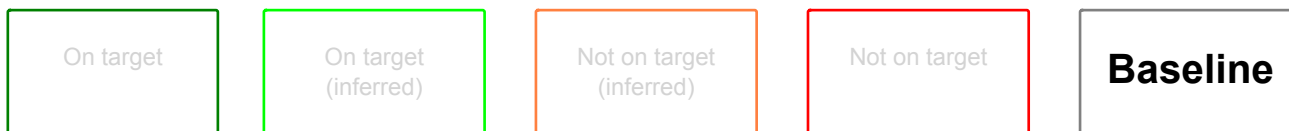
## Management site 6: Murramarang

LGA: Eurobodalla; Shoalhaven

Project partners: Department of Industry - Lands; Eurobodalla Shire Council; Office of Environment and Heritage;  
Shoalhaven City Council; South East Local Land Services

Estimated species population size: ~7 breeding pairs

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
Species abundance		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$5,688	\$21,515
Shoalhaven City Council	\$0	\$247
South East Local Land Services	\$0	\$6,960
Department of Industry - Lands	\$0	\$1,955
Eurobodalla Shire Council	\$0	\$247

## Management actions

The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	As per site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per site plan.	Yes
Predation of eggs and chicks by avian predators (mostly corvids and gulls)	As per site plan.	Partial implementation ()
Predation of eggs and chicks by foxes.	As per site plan.	Yes

## Site summary

Not entered

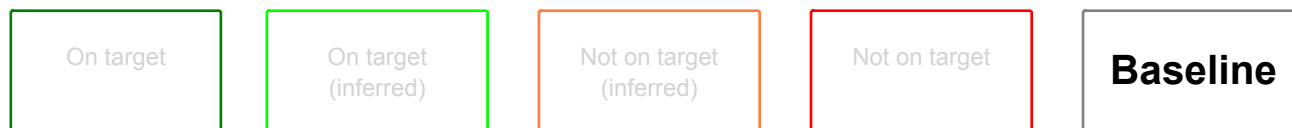
## Management site 7: Tuross Brou

LGA: Eurobodalla

Project partners: Eurobodalla Shire Council; Office of Environment and Heritage; South East Local Land Services

Estimated species population size: 30 adults/8 breeding pair

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
species response		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$2,133	\$7,735
South East Local Land Services	\$0	\$330
Eurobodalla Shire Council	\$0	\$330

### Management actions

*The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.*

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	Minimise human disturbance as per site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per Tuross Brou site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per Tuross Brou site plan.	Yes
Predation of eggs and chicks by avian predators (mostly corvids and gulls)	Manage avian predators as per site plan.	No ( )

## Site summary

Not entered

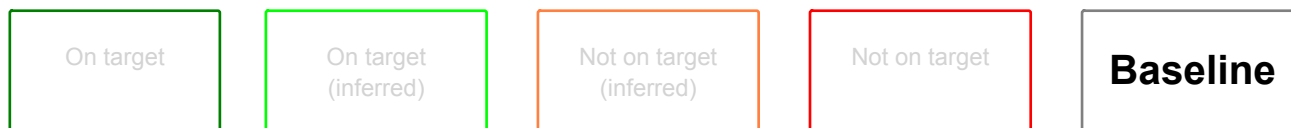
## Management site 8: Towra Point

LGA: Rockdale; Sutherland

Project partners: Department of Industry - Lands; Office of Environment and Heritage; Sutherland Shire Council

Estimated species population size: 70adults; 5breeding pairs

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
species response		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$4,000	\$24,777
Sutherland Shire Council	\$0	\$28,571
Department of Industry - Lands	\$0	\$2,500

### Management actions

*The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.*

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	Minimise human disturbance as per site plan.	Yes
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	As per site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	Manage foxes as per Towra Point Site Plan.	Yes

### Site summary

Not entered

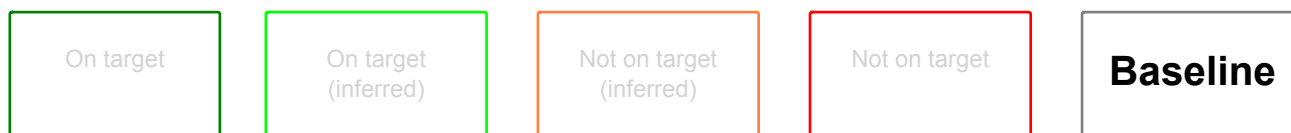
## Management site 9: Manning River

LGA: Greater Taree

Project partners: Department of Industry - Lands; Greater Taree City Council; North Coast Local Land Services; Office of Environment and Heritage

Estimated species population size: 16 adults

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
Species abundance		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$5,000	\$4,947
Department of Industry - Lands	\$0	\$2,650
Greater Taree City Council	\$0	\$165
North Coast Local Land Services	\$0	\$1,817

### Management actions

The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	Minimise human disturbance as per site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	Minimise disturbance as per site plan.	Partial implementation ()
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	Minimise disturbance as per site plan.	Partial implementation ()

Site summary

Not entered

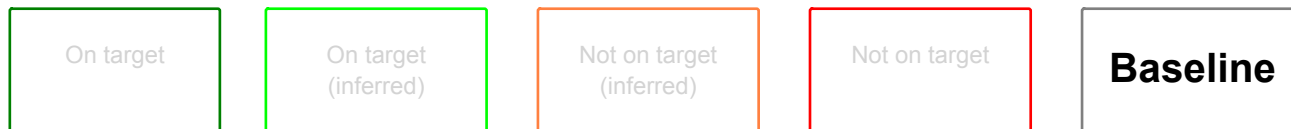
## Management site 10: Bombing Range Beach

LGA: Clarence Valley; Richmond Valley

Project partners: Department of Defence; Office of Environment and Heritage

Estimated species population size: 5 breeding pairs approx.

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
Species abundance		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$0	\$4,052
Department of Defence	\$0	\$9,669

### Management actions

*The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.*

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	As per site plan.	Yes
Predation of eggs and chicks by foxes.	As per site plan.	Partial implementation ()

### Site summary

Not entered



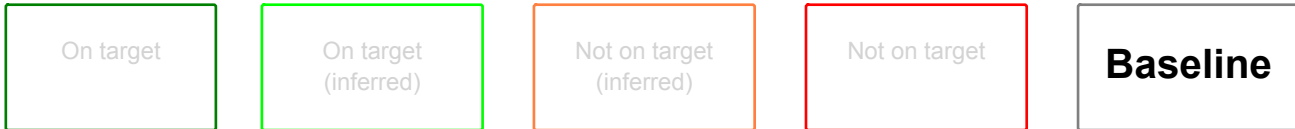
## Management site 11: Wooli

LGA: Clarence Valley

Project partners: Office of Environment and Heritage

Estimated species population size: ~4 breeding pairs

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
Species abundance		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$1,550	\$5,390

### Management actions

*The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.*

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	As per site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per site plan.	Yes
Inundation of nests by high tides, storms and other flooding	Manage inundation as per site plan.	Yes
Predation of eggs and chicks by foxes.	As per site plan.	Yes

### Site summary

Not entered

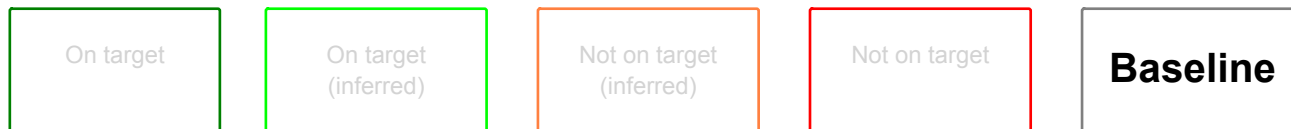
## Management site 12: Yuraygir South

LGA: Clarence Valley; Coffs Harbour

Project partners: Office of Environment and Heritage

Estimated species population size: 8 adults/4 breeding pairs

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
Reproductive success/recruitment		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$1,100	\$4,988

### Management actions

*The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.*

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	Minimise human disturbance as per site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per site plan.	Yes

### Site summary

Not entered

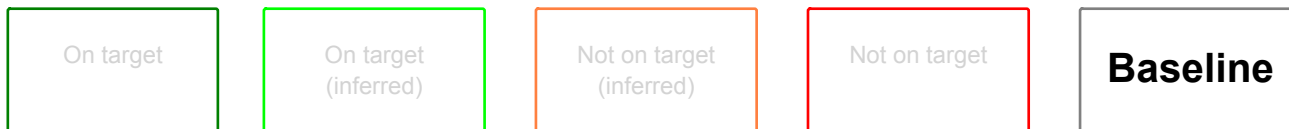
## Management site 13: Brunswick Heads North

LGA:

Project partners: Office of Environment and Heritage

Estimated species population size: 4 breeding pairs.

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
Species abundance		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$0	\$11,426

### Management actions

*The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.*

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	As per site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per site plan.	Yes
Predation of eggs and chicks by foxes.	As per site plan.	Yes

### Site summary

Not entered

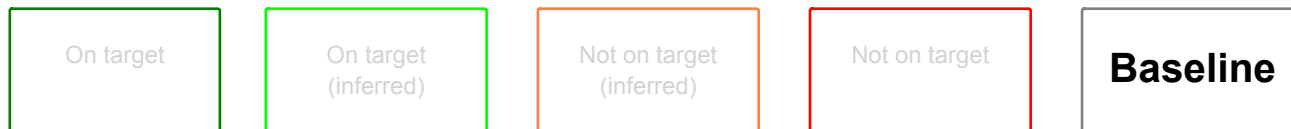
## Management site 14: Broadwater Beach

LGA:

Project partners: Office of Environment and Heritage

Estimated species population size: ~5 breeding pairs

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
Species abundance		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$7,500	\$19,898

### Management actions

*The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.*

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	As per site plan.	Partial implementation ( )
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per site plan.	Partial implementation ( )
Predation of eggs and chicks by foxes.	As per site plan.	Yes

### Site summary

Not entered

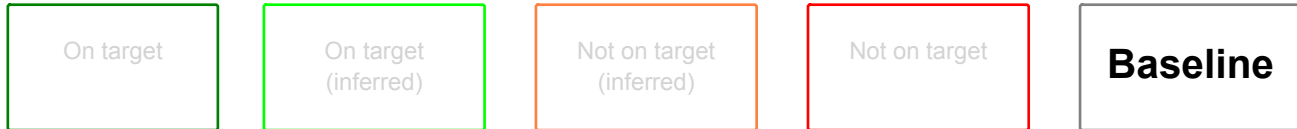
## Management site 15: Narooma

LGA:

Project partners: Eurobodalla Shire Council; Office of Environment and Heritage; South East Local Land Services

Estimated species population size: ~5 breeding pairs

### Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
Species abundance		Not entered	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$1,920	\$8,867
South East Local Land Services	\$0	\$495
Eurobodalla Shire Council	\$0	\$495

### Management actions

*The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.*

Threat	Management action	Implemented as planned?
Disturbance of nesting shorebirds and direct mortality of eggs and chicks by trampling or removal by humans. 4WDs are a threat at some sites.	As per site plan.	Yes
Disturbance of nesting shorebirds and direct predation of eggs and chicks by domestic dogs	As per site plan.	Yes
Predation of eggs and chicks by foxes.	As per site plan.	Yes

### Site summary

Not entered