

Saving the iconic Southern Cassowary



2019, Credit - Connie Kerr

Project Report # 2 of 2 produced for **The Foundation for Australia's Most Endangered**

January 2019, 2500 trees planted
April 2019, 1,100 trees planted
4 Cassowary monitoring stations established
Cape Tribulation, Daintree

Project Complete

Prepared by Maximo Bottaro & edited by Michael Martin on behalf of ReForest Now



KEY PARTNERS

Funding for this project was paid for in full by the **Foundation for Australia's Most Endangered**

FAME

Outcomes Delivered by

ReForest Now

&

Daintree Life



Thank you to ReForest Now volunteers; Anton Christoff, Brendan Blaiklock and Josh Fry-Hall for volunteering in the events and to Dave and Connie from Daintree for additional assistance. Special thanks to Lee Klein for his assistance in transport of trees.

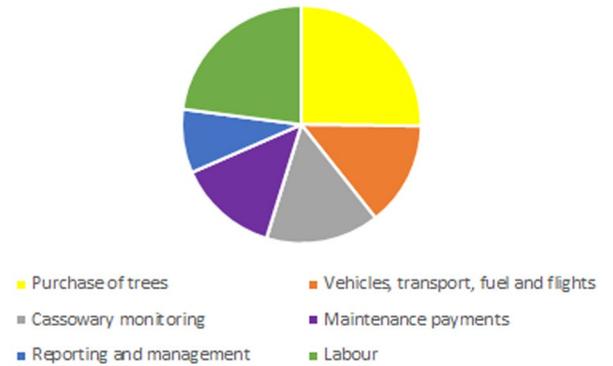
OUTCOME BREAKDOWN - GRANT COMPLETION

BUDGET EXPENDITURE

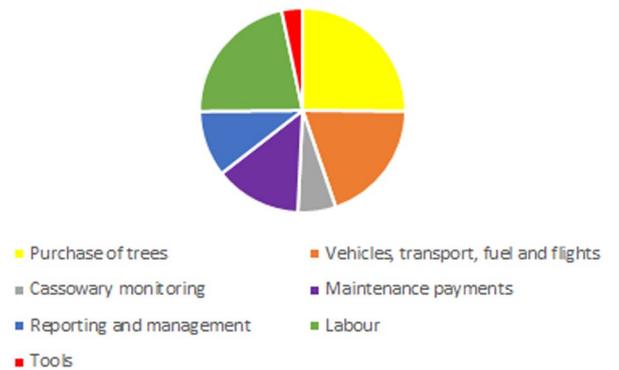
(April 2019 -)

Rainforest trees				
1,100 trees	per unit cost	\$ 3.30	\$	3,630.00
Accommodation, vehicle and transport				
Accom		\$		710.00
Car hire		\$		560.90
Flights		\$		1,336.69
Gas		\$		36.85
Tool and equipment				
Boblov monitoring cameras x4		\$		365.36
AA batteries		\$		36.00
Auger hire		\$		276.00
Auger guide welding fix		\$		30.00
Replace cutting tips x2		\$		98.00
Replacement 90mm guide		\$		69.95
Monitoring cam SD cards		\$		55.96
Fuel and oil		\$		176.84
Labour				
Augering, planting and transport of trees		\$		3,149.75
Camera programming and setup		\$		400.00
Reporting (Jan and Apr docs)		\$		750.00
Site inspections		\$		250.00
Overall grant management		\$		500.00
Daintree Life maintenance fees				
Jan to July 19' maintenance 3600 trees		\$		984.00
July to Jan '20 maintenance 3600 trees		\$		984.00
Allocated by FAME		\$		14,400.30

Budget invoiced to FAME



Actual Spending



2,500 trees of 112 species planted in January 2019. **1,100 trees of 84 species** planted in April 2019.

4 Roads and 1 track permanently closed in the Daintree, covering an area of approx. **3/4 hectare**.

4 Cassowary monitoring stations established in the Daintree.

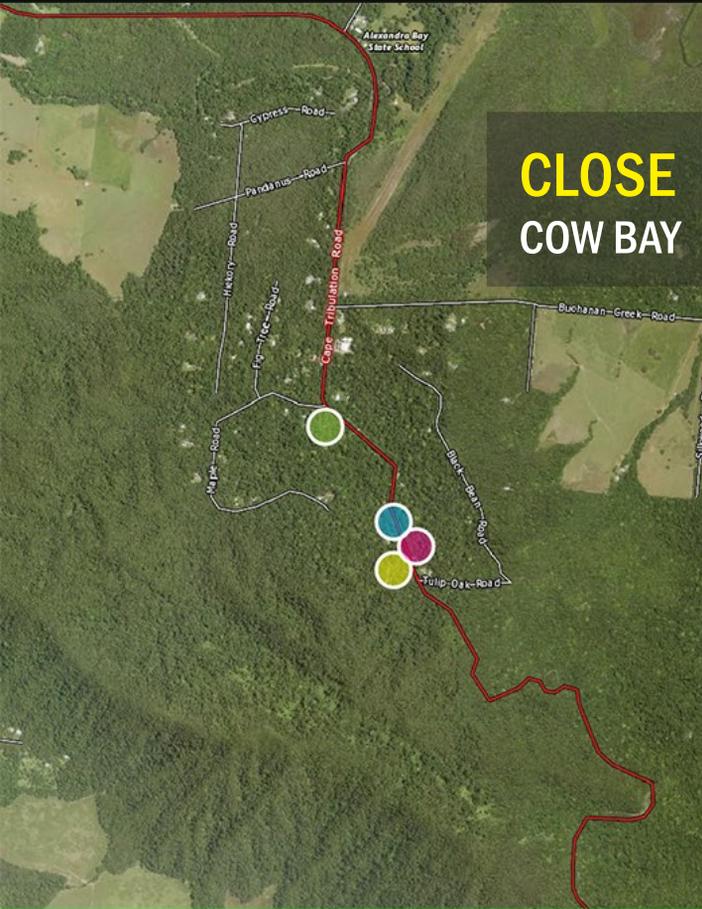


We would like to give our personal thanks to FAME for putting their time and effort into our work. As a not for profit only a year and a half old, we very are grateful for your support and look forward to projects with you in the future.



Maximo Bottaro (left) and Michael Martin (right)
ReForest Now Cofounders

Cassowary Monitoring - a two year study



**CLOSE
COW BAY**

Four Cassowary monitoring cameras have been setup by ReForest Now's team in the Cape Tribulation section of the Daintree National Park.

These will monitor cassowary access to these roads we have closed with the help of Daintree Life, FAME and the Douglas Shire Council.

The data provided will allow us to identify cassowaries that visit the sites, their frequency of attendance, rearing of young, identity of individuals (by their casque), the presence of predators or competitors and will help determine if closing areas increases the usage of this expanded habitat by cassowaries.

(Above) Four stations utilising cameras with 25 meter range and infrared capacity have been established in the Cape Tribulation section of the Daintree National park.



Cassowary monitoring stations



COW BAY

**FAR
RIVER CROSSING
TOWARDS CAIRNS
ON LEFT (RED LINE)**

(Left) In context of the greater Daintree region; agriculture can be seen in the south west, below the Daintree river. Following the red line from there, it crosses the Daintree ferry along Cape Tribulation Road, heading north. The large cleared area to the right of the monitoring areas is at the entrance of Cow Bay. The ocean views to the right show Daintree meeting Great Barrier Reef.

Reporting on 2,500 trees planted in January '19

Daintree Life have provided a report on the progress of our first planting event in January 2019, when 2,500 trees were planted, closing 3 roads and 1 track. Their findings are summarised here.

Areas planted out in January are listed below

042D - Cow Bay - Track

181 trees planted
2 lost (replaced by Daintree Life)

042B - Cow Bay - Road

760 trees planted
9 lost (rep by DL)

042A - Cow Bay - Road

1060 trees planted
10 lost (rep by DL)

043A - Cow Bay Road

560 trees planted
6 lost (rep by DL)



1.05 % of trees were lost, all have been replaced by Daintree Life.

“In summary, all four sites are off to a great start, growth is good, and there are very few losses. The first invertebrate residents are moving in, including St. Andrews Cross Spiders and Mantids, and many Rainbow Litter Skinks are observed on the ground amongst the young trees. We are already seeing natural recruitment of germinating *Cryptocarya oblata*, *Homalanthus novoguineensis* and *Cardwellia sublimis* - which are carefully avoided during weed suppression.”

-Dave Pinson



ReForest Now planting crew with local volunteer Lee Klein (right) who transported 1,100 trees for us to our April planting site.

Many thanks Lee.

Species of trees & shrubs planted (84)

<i>Acmena hemilampra</i>	<i>Ficus destruens</i>	<i>Syzygium angophoroides</i>
<i>Aglaia sapindina</i>	<i>Ficus drupacea</i>	<i>Syzygium cormiflorum</i>
<i>Alstonia scholaris</i>	<i>Ficus racemosa</i>	<i>Syzygium cryptophlebium</i>
<i>Antirhea tenuiflora</i>	<i>Ficus variegata</i>	<i>Syzygium fibrosum</i>
<i>Archidendron lucyi</i>	<i>Ficus virgata</i>	<i>Syzygium forte</i>
<i>Archontophoenix alexandrae</i>	<i>Flindersia brayleyana</i>	<i>Syzygium kuranda</i>
<i>Atractocarpus fitzalanii</i>	<i>Ganophyllum falcatum</i>	<i>Syzygium tierneyanum</i>
<i>Atractocarpus hirtus</i>	<i>Garcinia warrenii</i>	<i>Tabernaemontana pandacaqui</i>
<i>Beilschmiedia obtusifolia</i>	<i>Glochidion harveyanum</i>	<i>Terminalia microcarpa</i>
<i>Brachychiton acerifolius</i>	<i>Glochidion philippicum</i>	<i>Toechima erythrocarpum</i>
<i>Breynia cernua</i>	<i>Gmelina dalrympleana</i>	<i>Toona ciliata</i>
<i>Bridelia insulana</i>	<i>Grevillea baileyana</i>	<i>Xanthostemon chrysanthus</i>
<i>Calophyllum sil</i>	<i>Harpullia rhyticarpa</i>	<i>Xylopia maccraeae</i>
<i>Cananga odorata</i>	<i>Homalanthus novoguineensis</i>	
<i>Carallia brachiata</i>	<i>Jagera pseudorhus</i>	
<i>Castanospermum australe</i>	<i>Leea indica</i>	
<i>Cerbera floribunda</i>	<i>Lepiderema sericolignis</i>	
<i>Chionanthus ramiflora</i>	<i>Linospadix minor</i>	
<i>Cordyline cannifolia</i>	<i>Melicope elleryana</i>	
<i>Cryptocarya grandis</i>	<i>Mischocarpus exangulatus</i>	
<i>Cryptocarya hypospodia</i>	<i>Myristica insipida</i>	
<i>Cryptocarya laevigata</i>	<i>Nauclea orientalis</i>	
<i>Cryptocarya oblata</i>	<i>Normanbya normanbyi</i>	
<i>Darlingia darlingiana</i>	<i>Palaquium galactoxylon</i>	
<i>Davidsonia pruriens</i>	<i>Pittosporum ferrugineum</i>	
<i>Deplanchea tetraphylla</i>	<i>Podocarpus grayae</i>	
<i>Diploglottis diphylostegia</i>	<i>Polyscias elegans</i>	
<i>Dysoxylum alliaceum</i>	<i>Pouteria myrsinodendron</i>	
<i>Dysoxylum gaudichaudianum</i>	<i>Premna serratifolia</i>	
<i>Dysoxylum pettigrewianum</i>	<i>Psychotria lonceroides</i>	
<i>Elaeocarpus grandis</i>	<i>Randia audasii</i>	
<i>Endiandra impressicosta</i>	<i>Rhus taitensis</i>	
<i>Fagraea cambagei</i>	<i>Rhysotoechia robertsonii</i>	
<i>Ficus benjamina</i>	<i>Schefflera actinophylla</i>	
<i>Ficus congesta</i>	<i>Scolopia braunii</i>	
	<i>Sterculia quadrifida</i>	