
Green Island Challenge

— Year in Review —

Who We Are, What We Are About

The Green Island Challenge is dedicated to the proactive protection of Guanaja's ecosystems.

Our mission is to provide alternative livelihoods for islanders by creating long-term, sustainable jobs, inspire youth action, and to nurture environmental consciousness in the community.

To date, we have successfully trained former poachers to protect parrot and turtle nests, and have launched an island-wide environmental education program.

Yellow-Naped Parrot Population Stabilization

36 nests were located and patrolled from January- June 2019.

Only 2 nests were poached.

After the hatching season, we were able to recuperate 4 recently captured parrots. They are now in rehabilitation-- two have already flown free.

Biggest threats: Illegal Trafficking and Deforestation. Critically endangered since 2018.

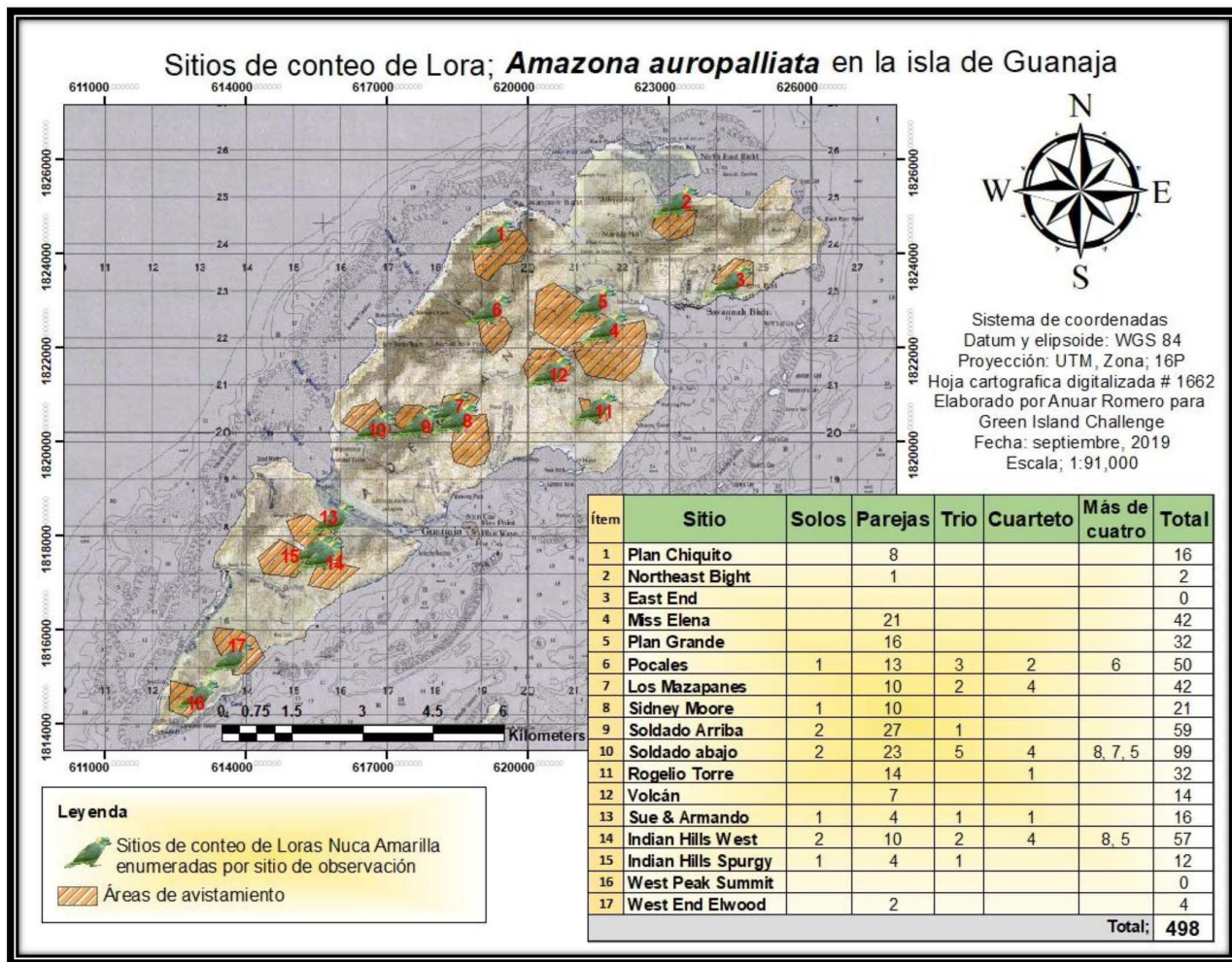
This year, 498 parrots were recorded. That is up from last year's 323 count.

We rely on former poachers and young adults with an interest in protecting their island.

Total Nests



2019 End of Project Count



Goals

Recover, stabilize
and protect the wild
populations of the
yellow naped parrot
on Guanaja.

Specifically:

- Encourage the local population to protect yellow naped parrots.
- Establish an environmental education program to deter young folks from looting nests.
- Discourage their image as pets.
- Provide poachers with alternative livelihoods to halt all poaching.
- Conduct wellbeing surveys to address the needs of yellow-naped parrots in captivity.
- Rehabilitate recently captured parrots for freeing.
- Ensure that all future generations are “wild and free.”



Budget

Yellow Naped Parrot Population Stabilization Project		
2020: January- June		
Description	Cost Lempiras	Cost USD
Monitoring and Surveillance		
Former Poachers' Salary (5 months total)		
Four people, 400L/day, 6 days a week	L192,000.00	\$8,000.00
Subtotal	L192,000.00	\$8,000.00
Equipment and Logistics		
Fuel: 1 week / 30 gl, 16 weeks / 480 (1g = 100 Lp)	L48,000.00	\$2,000
Subtotal	L48,000.00	\$2,000.00
Environmental Education and Survey		
T-shirts	L4,000.00	\$300.00
Printer/Ink	L4,600.00	\$150.00
Brochures	L5,700.00	\$250.00
Transportation	L800.00	\$100.00
Survey Material	L900.00	\$50.00
Subtotal	L16,000.00	\$850.00
TOTAL	L256,000.00	\$10,850

Turtle Nest Defense Project

This project is on its second year and involves local captains, former poachers, student volunteers and Dr. Dunbar, a turtle researcher from the U.S.

Former turtle poachers, boat captains and student volunteers from every high school on Guanaja monitor the West and East End beaches by foot every night from June-October.

This year our success rate increased and we documented no poached nests vs 2 lost nests last year.

However, this year's total nest count was very low. We believe many turtles are being caught at sea, making day-time boat patrols a priority for next year.

We are actively in the process of declaring the West End beaches as a Ransa Site and as a Key Biodiversity Area. These are steps to ultimately obtaining UNESCO World Heritage Site status.

Proposed Area

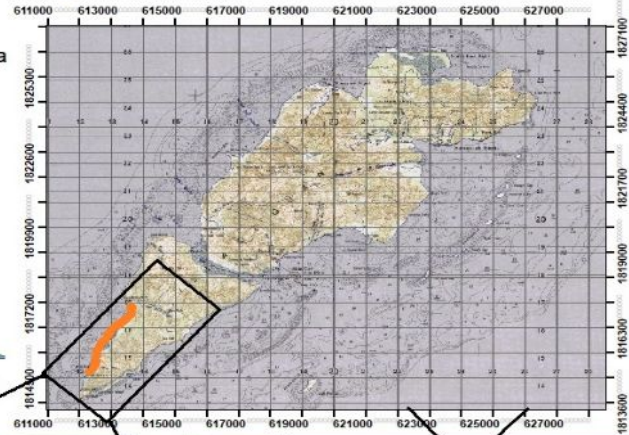
Panorámica y ubicación de la playa
"West End Beach" extremo Oeste de Guanaja



Sistema de coordenadas
Datum y elipsoide: WGS 84
Proyección: UTM, Zona: 16P
Hoja cartográfica digitalizada # 1662
Imagen aérea; tomada desde un Dron
Fecha: septiembre, 2019



GUANAJA
The Green Island



Goals

Ensure that all sea turtles and their nests on Guanaja are protected.

- Provide an alternative livelihood for poachers
- Generate a general consensus on the island of Guanaja regarding need to protect sea turtles.
- Establish both West End and East End beaches as protected nesting sites, Key Biodiverse Areas and UNESCO World Heritage Sites.



Budget

Budget: Marine Turtle Nest Recovery Project 2020					
Timeline: June - October 2020					
Lempira : Dollar :: L24 : \$1					
Monitoring and Protection of Nests					
Beach Patrol Months	Pay Per Day (Lempiras)	Days a Month	No. of People	Lempiras	USD
June	L300.00	30	4	L36,000.00	\$1,500.00
July	L300.00	31	4	L37,200.00	\$1,550.00
August	L300.00	31	4	L37,200.00	\$1,550.00
September	L300.00	30	4	L36,000.00	\$1,500.00
October	L300.00	31	4	L37,200.00	\$1,550.00
Snacks, Water \$50/month x 5 months				L8,400.00	\$350.00
Subtotal				L192,000.00	\$8,000.00
Environmental Education Program					
100 T-shirts	For volutneers, raising awareness, generating funds			L19,200.00	\$800.00
Didatic materials	Colors, paper, scissors, paint, etc.			L7,200.00	\$300.00
10 Mask and Snorkel Sets	To aid in environmental education			L8,400.00	\$350.00
Visual materials	Signs, posters, brochures to mark turtle patrol areas and foster awareness			L13,200.00	\$550.00
Subtotal				L48,000.00	\$2,000.00
Field Equipment					
1 Speedboat	Ideal but not essential for 2020			L168,000.00	\$7,000.00
1 50 horsepower engine, 4 stroke	Ideal but not essential for 2020			L168,000.00	\$7,000.00
Oil for boat	4 changes, 6 quarts per month (1 q oil = 200 lps)			L2,400.00	\$100.00
Fuel	25 gallons per week (1 gallon = 100 lps)			L50,000.00	\$2,100.00
2 Portable VHF communicator radios	(200 USD/ unit)			L9,600.00	\$400.00
2 Gps				L14,400.00	\$600.00
10 red light headlamps				L7,200.00	\$300.00
Subtotal				L419,600.00	\$17,500.00
Budget Total				L659,600.00	\$27,500.00

Environmental Education

All but two schools have been visited and taught the curriculum so far.

We have successfully formed small environmental volunteers in those schools.

We have organized beach clean-ups, recycled art projects and t-shirt campaigns.

Our goal is to build a “green-hub” library/community center in Mitch to further the reach of our education program.

Our plans for next year include more business outreach and beginning citizen science projects both for inland and marine species (bird watching clubs, coral bleach watch, rapid reef assessment).

Peligro:



Plásticos



CORALES



Manglares



EXTINCIÓN...



Professional Salaries

Professional Salaries			Minimum for Project	
Anuar Romero: Organizes all field work, works directly with municipality	\$2000/Month, 12 months	\$24,000	Minimum \$1500/month	\$18,000.00
Crystal Vance: Environmental education, grant writer, communications, community outreach	\$2000/Month, 12 months	\$24,000	Minimum \$1500/month	\$18,000.00
Subtotal	L1,152,000.00	\$48,000.00		\$36,000.00

Long-Term Goals

Formally establish Key Biodiversity Areas (KBAs) across Guanaja as a step towards true protection. Ultimate goal: UNESCO World Heritage Site.

Obtain a boat to facilitate year-round patrolling.

Ensure that both the parrot and turtle projects are self-sustaining.

Build a library in Mitch focused on environmental topics.

Work on reducing waste and how to improve disposal methods.

Halt deforestation.

Increase sustainable tourism via our environmental work.

Biggest Obstacles

Corruption

Funding

Global nature of climate change

Thanks for Your Support!

greenislandchallenge.com

Green Island Challenge Guanaja

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