



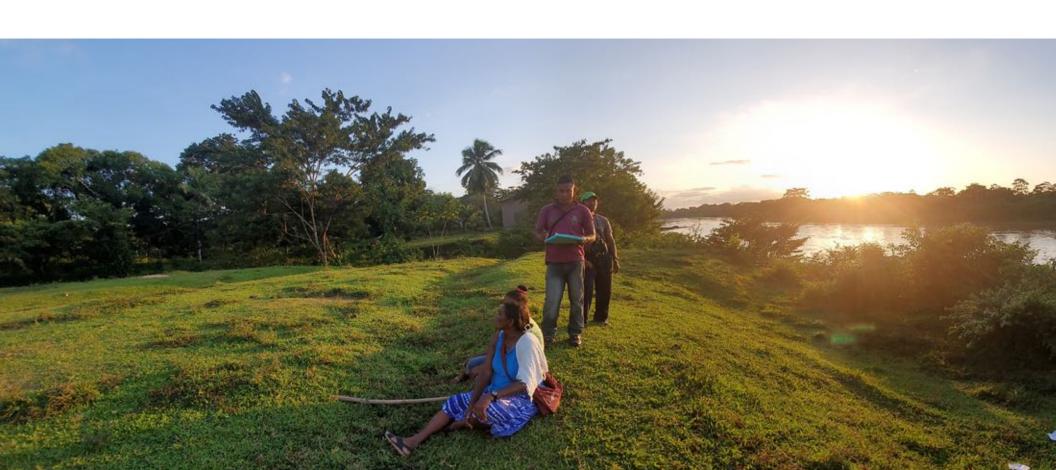
Parrot conservationists have to camp in litter to monitor and protect the yellow-headed parrot in Guatemala.



Rainbow over the Rewa River, Guyana, during a parrot population survey.

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Local parrot conservationists involved in the first ever community population survey in Honduras.



### LETTER FROM THE CO-DIRECTORS

Dear Friends,

As you peruse this Annual Report and consider the activities of One Earth Conservation, I wonder if you are struck with how beautiful the parrots are, as are those who protect them and cherish them? In our Nurture Nature activities we see such earnest intention on behalf of the participants to see beauty, in themselves and in life around them. It's heart-warming work and we hope you can sense this from the Report.

In this document, you might also be more aware of the tragedy and the loss involved in parrot conservation, and in our work at home and regarding climate change. Parrots are increasingly endangered every year, and the reports of loss of forest habitat in the Americas and other countries, seems to outpace the regenerational work of conservationists.

Whether you have been a One Earth Team member all year, or are just getting to know us by reading this report, you have become a witness to the beauty and the tragedy of this world and, as such, are a conservationist. R. S. Rendra writes a poem that depicts how One Earth's conservationists work in the world:

"I hear a voice,
The cry of a wounded animal;
Someone shoots an arrow at the moon
A small bird has fallen from the nest.
People must be awakened,
Witness must be given,
So that life can be guarded."

We are here to witness to the tragedy and the loss of beauty, so that life can be preserved. Perhaps in some ways One Earth is just shooting an arrow at the moon, reaching way beyond our capacity to impact meaningful long lasting change, but we know, at least for now, that it matters what we do every day, for we are putting that one small bird back into her nest where she belongs and keeping one child from hitting the refugee or migrant trail in search of stability and safety.

Thank you for being on one of our teams, either in the field, helping with administration, attending Nurture Nature activities, reading and viewing our materials on the internet, sharing with others to awaken them to the beauty within and without, or donating your resources and time in other manners.

Toil Koellu



Gail Koelln and LoraKim Joyner at the U.S. Capital Building in Washington, D.C., June 2019

With a deep bow of gratitude,

LoraKim Joyner

and

Gail Koelln

# **MISSION**

- We of the One Earth Conservation teams are creating a better world by empowering the people saving the planet.
- One Earth Conservation's mission is to engage people, communities and organizations in a unique manner that inspires them to contribute to their own well-being and the well-being of life on Earth. We achieve this by encouraging them to support and/or conduct parrot conservation in Latin America and to nurture themselves in nature.

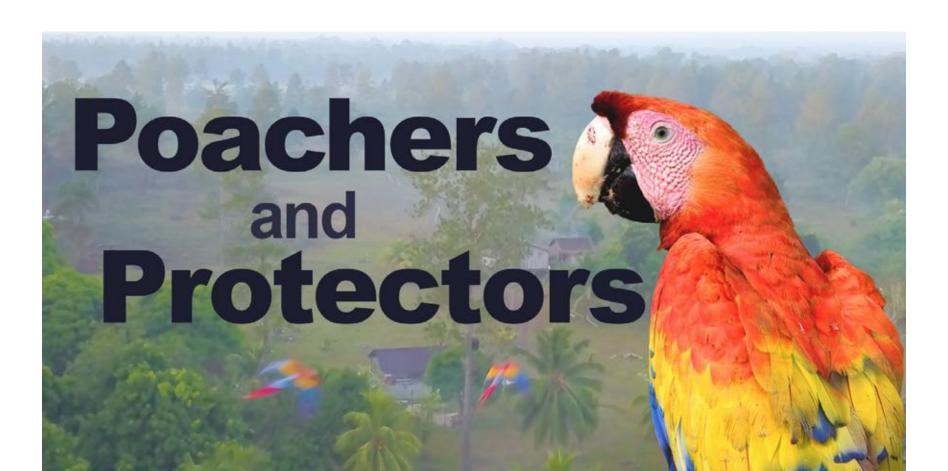




## **TOP TEN 2019 ACCOMPLISHMENTS**

- 1. "Nurtuing Discussions and Practices" book was published
- 2. The U.S. Fish and Wildlife documentary, "Poachers and Protectors," about our project in Honduras was released
- 3. The documentary was the 2019 Winner of the Best Wildlife Conservation Film award at the Reedy Reels Festival in Greenville, SC.
- 4. LoraKim and Gail traveled to Washington, DC to join U.S. Fish and Wildlife staff at meetings with House and Senate Committee staff
- 5. The Economist and Mongabay published articles about our project in Honduras
- 6. LoraKim and her colleagues in Rewa, Guyana conducted the first

- ever moving river transect survey there of parrots in a forest
- 7. One Earth Conservation was awarded major grants through the Wildlife Conservation Society for our project in Honduras and the US Fish and Wildlife Service for our project in Guyana
- 8. LoraKim traveled for 137 days to projects in five countries located at 35 different project sites
- 9. One Earth Conservation was able to purchase a much-needed, robust truck for the project in Honduras
- 10. LoraKim was nominated for the 2020 Indianapolis Prize for wildlife conservationists

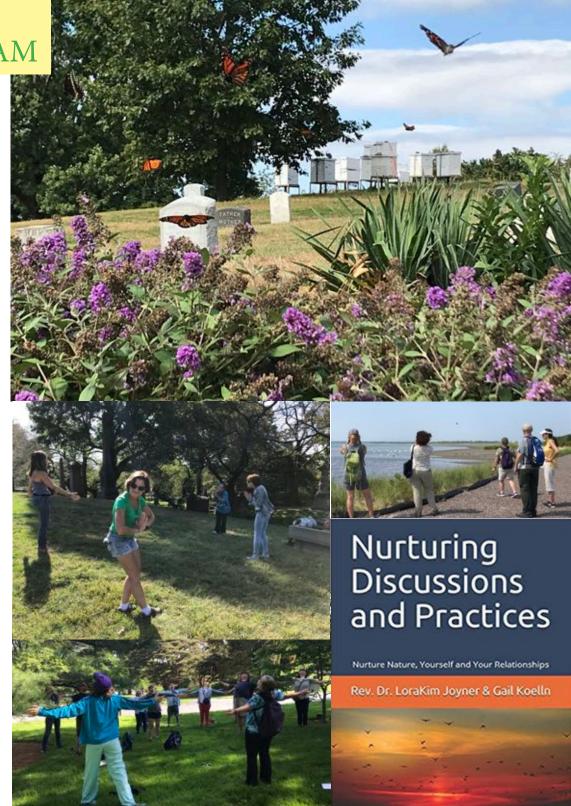


NURTURE NATURE PROGRAM

The Nurture Nature program is for anyone who desires a better world for themselves and for others. Deep within we know that something is amiss, and that a more beautiful world is possible, for everyone. By nurturing their emotional, social, multispecies, ecological, and spiritual natures, individuals experience greater belonging, beauty, reverence, wholeness, joy, and vitality, and so might their families, communities, and organizations.

#### Nurture Nature Activities in 2019:

- Live Presentations (USA) four Wild Walks in New York metro area; Nonviolent Communication (NVC)
   Camp at the Unitarian Universalist Mid-Atlantic
   Community annual gathering; sermon preached at
   Community Unitarian Universalist Congregation in
   White Plains, NY; presentation at the Mesoamerican
   Society of Biology and Conservation conference
- Online Education Loving Animal Seminar with the NVC Academy
- Nurture Nature Community Journey Group met for 10 months in White Plains, NY
- Written Materials One Earth Conservation taught Nurture Nature concepts to the general public through school and community visits, university courses, and public presentations. We also disseminated information in blogs, social media, and articles, and our new book, "Nurturing Discussions and Practices."
- Exhibited at the Our Future Festival on Governor's Island, NY in September 2019.



## **RESEARCH EFFORTS**

One Earth's primary aim is the protecting and cherishing of nature, within us, and without, especially in the form of parrots. To do the protection work we need to be able to monitor nests and populations of birds, so we know what success we are having with our conservation efforts. We generate data that can be compiled into research reports for us to use in the future, and for others. We also begin with research in many cases, because we just don't know (no one does) the status of parrots in certain regions. Many countries don't realize how few parrots they actually have, and that poaching is a heavy pressure on the population and that it is often fatal to the very existence of the species on the planet. Additionally, we want to know where and how they nest, forage, flock, and roost, so that we set up our conservation actions in

response to the biology and behavior of the birds. We survey broad areas so we know where there are still areas worth protecting with enough birds, where it is safe to do so, and where we have local commitment to protect their parrots. Other than data that can be used in international and our own regional conservation plans, the research and monitoring activities invite collaboration from local community members, including children, and deepening relationships between team members and between human and parrot. Finally, any presence in the field where people are witnessing and paying attention to parrots is a form of protection activity, which parrots sorely need. With all this in mind, we have much to celebrate in 2019 with these activities.





## **CONSERVATION ACTIVITIES 2019**

Overall, One Earth Conservation's projects matured in 2019, with our work expanding to new sites, deepening in existing locations, and improving conservation skills amongst our partners. For the most part, local coordinators in many of the countries where we work were able to become more self-sufficient due to capacity building activities led by One Earth Conservation.

Our projects are having an impact on people's lives by raising incomes and providing them with meaningful work. At the same time, we are increasing our knowledge about parrots, which improves conservation results. One Earth Conservation has also

been able to leverage our increased knowledge to gain more partners for this work and to impact other parrot conservation projects being conducted throughout the world.

These achievements were made possible in part because One Earth Conservation received more resources for our work from new funders, such as the Wildlife Conservation Society and U.S. Fish and Wildlife Service, as well as existing and ongoing funders, such as the Vincent J. Coates Foundation and Saint Vincent's Group. The following pages provide more information about our various projects and what was achieved in 2019.



## HIGHLIGHTED PROJECT

### Guatemala South Coast - Yellow-naped Amazon

We are pleased that the Guatemala South Coast yellow-naped amazon conservation project continues to bring in more partners, however growth is very slow in terms of territory covered and birds protected. In response, we have targeted this project for fundraising. In the meantime, the project grew, because this was our first full year of working in partnership with the Wildlife Conservation Society (WCS). They once again offered their tree climbers to help us confirm active parrot nests, and also co-sponsored a Parrot Conservation and Wildlife Trafficking conference. With WCS, we also co-employed Manuel Galindo, who continued to do the field work he has been doing for a few years now, and then also organized patrols and road screenings to interrupt the illegal trade in wildlife.

We still haven't found many nests to protect, probably due to the rarity of the bird (we estimate that there are only 400 left in Guatemala). It could also be that remaining birds are the more secre-

tive ones, who fare better removed from human disturbance. Our annual count did include chicks, so we know that not all the of the birds are being poached. At the same time that we conducted the counts, we visited each of our 6 "hot spots" (areas where we are able to find and work to protect the yellow-naped amazon) and held an educational mini Parrot Festival for the area's children. The Festival features a presentation about parrots for the children, coloring a "Fly Free" parrot picture, and playing with a pinata.

The count and festival ended our 2019 field conservation efforts, although we continued to network and produced a Teacher's Guide to Parrot Conservation. To do anything more broadly impactful in the coming year will depend on if we can procure additional funds. However, in 2020 we plan to increase our number of hot spots, work with area schools using the Teacher's Guide, and hope that the nest boxes we placed last year will be the home of future nests.





## OTHER CONSERVATION PROJECTS

#### Guatemala North Coast - Yellow-headed Amazon

As in years past, we supported CONAP of Guatemala to patrol areas where yellow-headed amazons roosted and nested. Together we employed community members to protect nests, where a very low number were confirmed active with successful fledgings. Poachers continue to take a heavy toll on this much diminished population of perhaps 75 birds in the country. We conducted population counts in new and historical areas, and, to our dismay,

there were only a handful of birds at one roost site where there had been more than 60 before. We will return to this area in 2020 with more patrols and community members involved to protect and monitor nests, place artificial nest boxes in areas that can be protected, conduct additional populations surveys, and engage in both urban and rural community educational activities to raise awareness.



### Honduras – La Moskitia and Welfare Brigades

This year we finally got a field truck for our conservation efforts and another motorcycle. This additional transportation greatly aided our efforts, and we were able to penetrate further into indigenous territory in search of great green macaw nests. Despite increased efforts, we still have not confirmed any active nests of this species.

Our project has also grown because this was our first full year working with the Wildlife Conservation Society on this project, which invites in a higher level of national engagement and anti-trafficking practices. Together, we led a ranger training for all 11 of the village communities involved in the project, and rangers traveled by foot, horse, bike, motorbike, truck, and boat to spend three days together. Later in the field season, we held a special tree climbing training. This training was aimed at climbing the species of trees in the forest (normally we monitor nests in the savanna, where macaws nest in pine trees).

At the end of the breeding season we organized our first ever annual population count in each of the 11 communities, and also led mini parrot festivals and community meetings to share results and invite comments and input from leaders and villagers. For only the second time in Honduras, we conducted home-oriented Welfare Brigades, consisting of students from Pt. Lempira, members of the Apu Pauni Project, and women from two of the villages. The goal of the Welfare Brigades is to improve the situation for homed parrots. After being trained for one day, Brigades members visited over 30 homes in Pt. Lempira, conducting a survey, inspecting registered parrots' health and environment, offering advice on how to improve each bird's welfare, and delivering a conservation message.

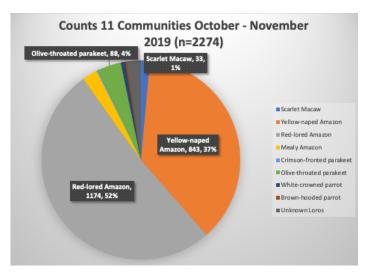
Dr. Joyner then returned to Catacamas where for two days she taught students from the National Agriculture University. These students are members of the Welfare Brigades in this region, where much trafficking of parrots occurs. Both Catacamas and Pt. Lempira are prime points for the illegal movement of parrots from la Moskitia to both domestic and international destinations.



#### Honduras – La Moskitia and Welfare Brigades

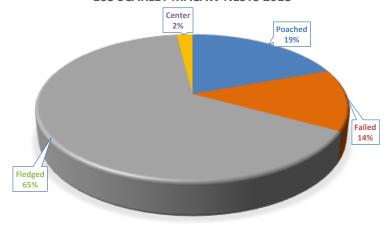


Growth of the project in terms of acres patrolled per year (total now equals 1.2 million acres). Graphic credit: US Fish & Wildlife Service

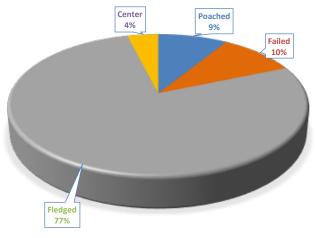


First annual census in 11 communities in la Moskitia counted 8 species that included 2,274 individuals

#### **103 SCARLET MACAW NESTS 2018**



#### **102 SCARLET MACAW NESTS 2019**



Center = nests with chicks that went to the Rescue Center, Poached = nests from which poachers stole chicks, Failed = predated nests or eggs didn't hatch,

Fledged = successful nests with chicks flying free

### Honduras – Guanaja Island - Yellow-naped Amazon

One Earth Conservation did not visit our partners on Guanaja Island this year, but did support their efforts through scientific and conservation consulting and financial donations. They named their project the Green Island Challenge and did they ever rise to the challenge! The conservationists there implemented an island-wide educational program that focused on turtles and the endangered yellow-naped amazon. They also installed artificial nest boxes, and by hiring ex-poachers and partnering with the army, monitored and protected these nests, as well as wild nests. After the breeding season, they conducted a full island population

survey, an important improvement over the partial survey we conducted together in 2018. The parrots on Guanaja Island are doing so much better due to their efforts, including poached parrots and low welfare status parrots that were rescued, cared for, and in some instances released to the wild. These conservationists have made such amazing gains in a little more than a year, so much so that Dr. Joyner's physical presence is hardly needed. However, we will continue to work with them as long as they can benefit from our guidance.

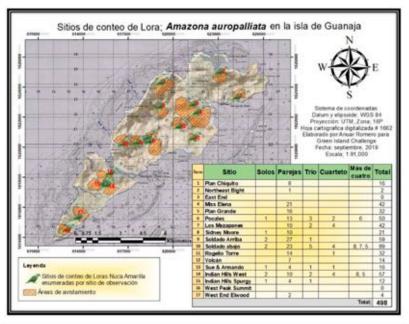
Credit: All Guanaja Island maps and photos provided by Green Island Challenge



### Honduras - Guanaja Island

Part of our work is to teach parrot population monitoring, which we did on Guanaja Island. The local conservationists have since exceeded any training we could give them with their survey in 2019, and their subsequent description of the data in graph #1 (top right). We also teach nest monitoring and protection, the results of which in 2019 are summarized in graph #2 (bottom right).







### Nicaragua - Ometepe Island - Yellow-naped Amazon

This year One Earth Conservation and our partners on Ometepe Island extended our nest monitoring and protection efforts to a fourth community. As a result, there are now established protection efforts in the communities that are closest to the four densest populations of yellow-naped parrots. Many more community members were involved in 2019, and hence more nests were located this year and protected, though poaching is high in two of the four communities.

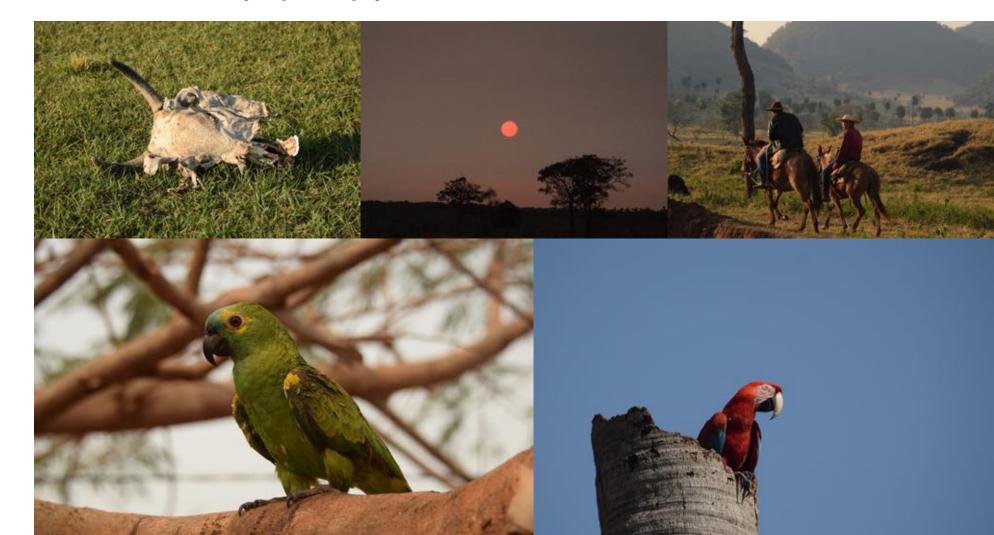
In the summer, we led a training on parrot population surveying methodology and then counted all four roost sites at the same time, with four points at each count. If you are following the math, this is equal to 16 people counting at one time. We did this for four days, terminating in a full day on Saturday when together we collated the results and ensured that birds were not counted twice between roost sites or between points in each roost site. This study helped us to understand the variability of roost sites from day to day and to see if birds move between different roost sites (they mostly do not). Wild chicks were also rescued and one parrot confiscated. All of these birds were cared for and released at our new rescue and liberation center site on the island.



### Paraguay – Various Parrot Species

One Earth Conservation had another first in this country. Working closely with our partnering organization, Guyra Paraguay, we engaged in our first efforts to locate nests, monitor them, and protect parrots in Paraguay. We hired local people to help us to do this work. Our lead parrot conservationist, Dr. Andrez Alvarez, took several trips to our conservation area to conduct an annual population survey, as well to learn and train with Dr. Joyner regarding how to conduct a nest monitoring and protection program. We

identified many nests of red-and-green macaws, orange-winged amazons, yellow-faced parrots, and turquoise fronted parrots, some of which were confirmed to raise successful fledglings. We then affirmed stronger working relationships with our partners on the local estancias (farms) and with MADES (Paraguay governmental body - Ministry of Environment and Sustainable Development), setting the foundation for a bigger and stronger project in 2020.



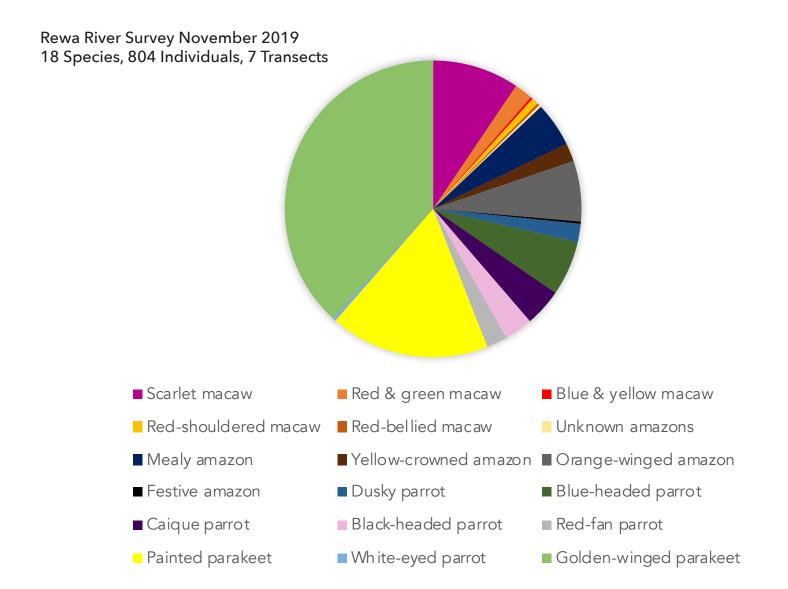
#### Guyana - Karasabai and Rewa Villages - Sun Parakeet

One Earth Conservation traveled twice this year to Karasabai Village, home of the last remaining wild sun parakeets, possibly in the world. In January, with Foster Parrot's Danika Oriol-Morway, we conducted a week-long ranger training for 20 young people who will take up the mantle to survey and protect this population. We camped with them on the river and traveled far and wide to teach them how to count parrots and understand the birds' behavior. One Earth Conservation then returned in October to conduct a full survey, which had never been done before for this species in Guyana. To reach the remote areas we had to travel on foot and via bike, motorbike, boat, truck, and ATV. Once there we set up camp and followed our usual routine of settling into place while it was still dark in the morning, and staying until it was nearly completely dark in the evening. We were pleasantly surprised to discover about double the number of parakeets we thought there would be, though the numbers are still dangerously low. Adding to this challenge is the lack of knowledge we have about the breeding ecology of these parakeets, such as whether or not they are colony nesters and what time of the year they breed. We hope to work all of this out in 2020 with a grant One Earth Conservation received from the U.S. Fish and Wildlife Service and by taking another trip to the area in February, where we will set up and train more people to do nest monitoring and protection.

Another first for One Earth Conservation: we engaged in a moving river transect survey of parrot populations in a forest near the village of Rewa! There is still much tree cover in this part of Guyana and we have been trying to figure out how to survey the population there. We have conducted point counts at the local ecolodge and in the village, and also started experimenting with river moving transects. The challenge is a complex one; as we count, we must try to standardize the distance and rate of movement between different areas of the river (where water flow might vary), between going upriver or down river, and between rivers. We finally settled on a methodology and then spent a week camping on the Rewa River, doing both point and river counts. The information we collected will help us to understand this population of sun parakeets (and other parrots), which in turn can be used by the villages to protect their birds and to lead ecotourist expeditions. We will continue to conduct monthly point counts at the lodge and in the village in 2020 and will begin nest monitoring there as well.



### Guyana – Rewa Village



Results of the first ever moving river transect count of wild parrots conducted on the Rewa River in November 2019

### Guyana – Sloth Island – Various Parrot Species

Dr. Joyner visited Sloth Island Resort on the Essequbio River in Guyana, because she had heard about "Parrot Island," which supposedly has a large roost site of parrots. With the thankful cooperation of the owner and staff, we were able to conduct counts of what is actually two islands close together. Our preliminary results found over 2,600 orange-winged amazon parrots sleeping on the two islands. The last night there, when we finished counting as it was getting dark, we noticed flashlights on

one island. Upon investigation, we found a boat full of boys with slingshots who were hunting parrots. Relating this story to the owner, and discussing parrot conservation needs and techniques, what we thought would only be a one-time visit is turning into a new project! One Earth Conservation will work with the resort and the local village to protect these parrots. Hence, we will return there in February of 2020.







## **ORGANIZATION**

#### **Board of Directors**

- LoraKim Joyner, DVM, MPVM, MDiv/Board President Co-Director, One Earth Conservation
- Gail Koelln, MS/Board Vice President and Secretary Co-Director, One Earth Conservation and President, GK Grant Writing
- Meredith Garmon, PhD, MA, MA/Board Member Minister, Community Unitarian Universalist Congregation at White Plains
- Joyce Hoffman/Board Member
   Consultant/Contract Engineer, Aviation Partners Boeing
- Eric Kreuter, PhD, CPA, CGMA, CFE/Board Member Partner, Marks Paneth

#### Achievements and Future Plans 2020

In 2019, One Earth Conservation:

- Hosted its second Parrot Holiday Party in December, which raised over \$4,000 for the organization and in-kind donations valued at \$2,250.
- Raised over \$63,000 from foundation and corporate donors and almost \$65,000 from individual contributions.
- Was granted \$100,000 by the US Fish & Wildlife Service.
- One Earth Conservation's Facebook page more than doubled from 830 followers in January to over 1,800 by December.
- We created a website for our None Are Free Until All Are Free Campaign (https://www.nonearefreeuntilallarefree.org/)

What One Earth Conservation needs to grow further:

• Funds for a Conservation Project Manager, for the Administrative Co-Director to work full time, and for an Administrative Assistant, and Marketing and Social Media support.

- Hector Orlando Portillo Reyes, MS/Board Member Wildlife Biologist, Instituto de Ciencias para el Estudio y Conservación de la Biodiversidad/INCEBIO (Honduras)
- Aimee White, Board Member
   Business Consultant, Ellis-Webb Management Group

Honorary Avian Board:

- Dusty the cockatiel
- Pluto the Meyer's parrot
- Rosa the scarlet macaw (In Memoriam)
- Hector (a.k.a. Time Bomb) the yellow-naped amazon

One Earth Conservation's plans for 2020 are:\*

- Expand its work with the sun parakeet to Brazil
- Explore the status of parrots in French Guiana and Suriname and find partners for parrot conservation work in those countries. The area known as the Guiana Shield includes Guyana, French Guiana, Suriname and Brazil, so One Earth Conservation would have projects in all Guiana Shield countries if such partnerships are established.
- Lead a pilgrimage to Ometepe Island, Nicaragua
- Initiate its new Parrot Conservation Corps program in the United States
- Expand the None are Free Until All are Free Campaign

\*Due to the COVID-19 pandemic, One Earth Conservation currently has a reduced on-site visit schedule. The good news is that we have always had a tremendous system for working remotely with and supporting our local partners and communities in the Americas. So, our work continues at full force.

# FINANCIAL REPORT

2018	
Beginning Cash Reserves 2018:	\$ 35,268
Income:	
Earned Income:	\$ 5,517
Individual Donations:	\$ 60,354
Grants and Corporate Contributions:	\$ 62,593
Other Income	\$ 145
Total Income 2018:	\$148,442
Total Expenses 2018:	\$ 91,119
Surplus:	\$ 57,323
Ending Cash Reserves for 2018:	\$ 92,591
2019	
Beginning Cash Reserves 2019:	\$ 92,591
Income:	
Earned Income:	\$ 2,206
Individual Donations :	\$ 64,544
Grants and Corporate Contributions:	\$ 63,559
Other Income:	\$ 233
Total Income 2019:	\$161,381
Total Expenses 2019:	\$132,886
Surplus:	\$ 28,495
Ending Cash Reserves for 2020:	\$121,086



## THANK YOU!



#### Major Donors

ORGANIZATIONS

Vincent J. Coates Foundation, \$50,000 Wildlife Conservation Society, \$13,500 Saint Vincent Group, \$10,000 Cohen-Scott Charitable Giving Fund, \$2,000 Foster Parrots, \$1,036

**INDIVIDUALS** 

Anonymous, \$53,636 Leslie Lewit Milner, Jacob Lewit and Lawrence Milner in honor of Robert Lewit, \$1,525 Werner Diehl, \$1,500 Juana Ham, \$1,000 Rev. Dr. Valerie Forstman, \$550

A special thank you to Karen Windsor, Marc Johnson and Foster Parrots, Ltd. for partnering with One Earth in Guyana and with our None are Free Until All are Free Campaign; the US Fish and Wildlife Service for its support for our program partner, INCEBIO, in Mabita, Honduras; and to One Earth Conservation's Advisory Board, Conservation Council and Honorary Avian Board Members. Your generosity is most appreciated!

#### OTHER DONORS

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John Beltzer, Songs of Love Foundation Michael Gruteke Matthew Moskal

Richard Bock Sharon Hall Dr. Alice B. Moyer, East Smithfield Holistic

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Elana Goldstein Angela Mock

Mollie Goldstein

Suzanne Gordon

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#### COLLABORATORS AND PARTNERS

Asociación Rescate y Conservación de Vida Silvestre (ARCAS) (Guatemala)

Asociación de Reservas Naturales Privadas de Guatemala

Buenas Aires Private Reserve (Guatemala) Center for the Study of Biological Diversity (Guyana)

Community Playa de Santa Domingo (Nicaragua)

CONAP (Guatemala)

Cuerpos de Conservación - Omoa (Honduras)

Flora and Fauna International (Nicaragua) Foster Parrots

Fundación del Rio (Nicaragua)

Fundación en Ciencia para el Estudio y

Conservación de la Biodiversidad (INCEBIO) (Honduras)

Guyra (Paraguay)

Instituto Nacional de Conservación y Desarrollo Forestal, Áreas Protegi das y Vida Silvestre (ICF) (Honduras)

Los Tarrales Private Reserve (Guatemala) Mosquitia Asla Takanka - Unidad De La Mosquitia (MASTA) (Honduras)

Northeast Avian Rescue

Paso Pacifico (Nicaragua)

Patrocinio Private Reserve (Guatemala)

School of Veterinary Medicine - National University of Asuncion (Paraguay)

School of Veterinary Medicine, University of Camerino (Italy)

TakalikAbaj archeological site (Guatemala) Universidad Nacional Agricultura de Honduras, (UNA)

Universidad Nacional Autónomo de Honduras (UNAH)

Universidad Nacional Agricultura (UNA) (Honduras)

Universidad Nacional Autónomo de Honduras (UNAH)

Villages of Mabita, Rus Rus, Wahabispan,

Pranza, Suhi, Coco, Wisplini, Auca, Corinta, Mocoron (Honduras)

Villages of Rewa and Karasabai (Guyana)

US Fish and Wildlife Service

(United States)

Wildlife Conservation and Management Commission (Guyana)

Wildlife Conservation Society (United States)

Nurture Nature and Other Partners (all in the USA):

Community UU Congregation at White Plains

**NVC** Academy

Unitarian Universalist (UU) Animal Ministry

Unitarian Universalist Congregation at Shelter Rock

UU Leadership Institute





This mural was designed by Dr. Dayana Serrano and was painted on a school building wall in Pt. Lempira, La Moskitia, Honduras. The mural illustrates that when we protect the endangered scarlet macaws, we are saving all beings (including ourselves) and their forest.

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To make a contribution towards our work, please visit: <a href="https://www.oneearthconservation.org/donate">https://www.oneearthconservation.org/donate</a>



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