

IMPACT REPORT ISSUE

PSITTAScene

Magazine of the WORLD PARROT TRUST



Autumn 2018



WORLD PARROT TRUST

Glanmor House, Hayle
Cornwall TR27 4HB UK
info@parrots.org +44 (0)1736 751026
www.parrots.org

ABOUT THE WPT

Capture for the live-bird trade, habitat loss and other factors put wild parrots at risk. One in three parrot species are currently threatened in the wild.

As an international leader in parrot conservation and welfare, the World Parrot Trust works with researchers, in-country organisations, communities and governments to encourage effective solutions that save parrots.

Since 1989 the WPT has grown to become a global force that moves quickly to address urgent issues and support long-term projects for parrots. Over that time WPT has led or aided conservation and welfare projects in 43 countries for 70 species of parrot.

CHARITY INFORMATION

United Kingdom: # 800944
United States: EIN 62-1561595
Canada: BN 89004 1171 RR0001

Printed on post-consumer recycled paper.

The World Parrot Trust does not necessarily endorse any views or statements made by contributors to *PsittaScene*. It will consider articles or letters from any contributors on their merits. Visit parrots.org/psittascene for Guidelines. Anyone wishing to reprint *PsittaScene* articles in full or in part needs permission from WPT and the author/photographer(s) and must state that it was copied from *PsittaScene*.
All contents © World Parrot Trust

CONTENTS



4 Second Chances
In the Caatinga

8 Wild Parrots of...
Germany?

12 Book Review:
A Parrot's Fine Cuisine Cookbook

13 2017/18 Impact Report
Special Feature

38 Recovery at Río Abajo
Status of parrots after Hurricane Maria

42 Kiwa:
The story of a Macaw Rescue

46 PsittaNews
News and Updates, WPT Contacts

48 Parrots in the Wild
Ringneck Parakeet

ON THE COVER

Yellow-headed Amazon
(Amazona oratrix)

Yellow-headed Amazons are listed as IUCN Endangered / CITES Appendix I. They are native to Mexico, Belize, Honduras, Guatemala and now...Stuttgart?

Amazingly, a small population has been living in southwest Germany for more than 30 years.

See *Wild Parrots of... Germany, Page 8.*

Photo © Bianca Hahn



SPECIAL FEATURE ISSUE

2017/18 Impact Report

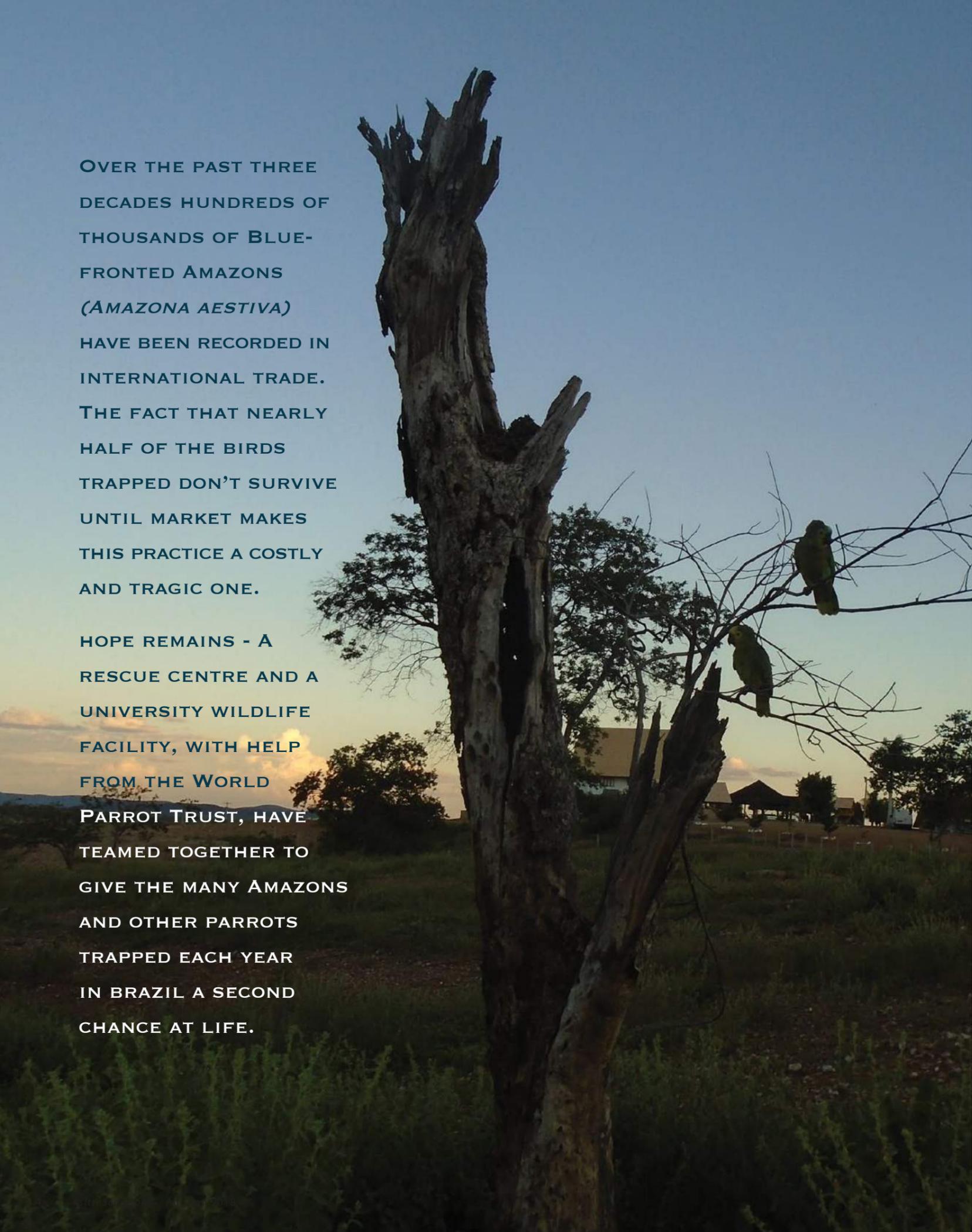
Please enjoy this tribute insert with our thanks to you - our valued supporters.

This past year, parrots have been rescued, wild populations conserved and habitat restored, all of which you helped to achieve.

Find it on Page 13.

Scarlet Macaw Cover Photo © Corey Raffel





OVER THE PAST THREE DECADES HUNDREDS OF THOUSANDS OF BLUE-FRONTED AMAZONS (*AMAZONA AESTIVA*) HAVE BEEN RECORDED IN INTERNATIONAL TRADE. THE FACT THAT NEARLY HALF OF THE BIRDS TRAPPED DON'T SURVIVE UNTIL MARKET MAKES THIS PRACTICE A COSTLY AND TRAGIC ONE.

HOPE REMAINS - A RESCUE CENTRE AND A UNIVERSITY WILDLIFE FACILITY, WITH HELP FROM THE WORLD PARROT TRUST, HAVE TEAMED TOGETHER TO GIVE THE MANY AMAZONS AND OTHER PARROTS TRAPPED EACH YEAR IN BRAZIL A SECOND CHANCE AT LIFE.

SECOND CHANCES *in the Caatinga*

Article and photos: Yuri M. Valença, MSc. Rescue Centre CETAS Tangara – CPRH
Translation by: André Becker Saldenberg

THE BLUE-FRONTED AMAZON PARROT PROJECT began out of a necessity to have an appropriate facility to send the hundreds of these birds that end up in overcrowded wildlife rescue centres in Brazil.

The project was also started to address the fact that, because of heavy trade, vast swaths of its original distribution range in the semi-arid Caatinga are now empty of birds or self-sustaining populations. Although still considered Least Concern by the IUCN (International Union for Conservation of Nature) it is clear, from observations in the field, that **in many areas this so-called common bird is now extinct.**

With this in mind, the Pernambuco environmental state agency's rescue centre in northeastern Brazil (CPRH CETAS Tangara), in partnership with the wildlife centre of the Caatinga (CEMAFAUNA) at Sao Francisco University (UNIVASF), created the

project in 2010 when the first confiscated parrots were rehabilitated and released. Besides the once-ubiquitous Blue-fronts, other species like Cactus Conures (*Eupsittula cactorum*) and Blue-crowned Conures (*Psittacara acuticaudata*) are also rescued and rehabilitated. Parrots come from different sorts of backgrounds, but they are all illegally captured in the wild in Brazil, most commonly as chicks.

Large numbers of these illegally kept pets are then brought to the centre by the environmental police as confiscations, or in some cases voluntarily given up by people who understand that their pet, even though it may be a beloved one, lost the freedom that it once had and that their captive conditions are far from adequate. This presents more challenges as all of these parrots demand a long training phase, behavioural evaluation, training to fear predators, health screening, and also in the case of chicks and juveniles, a long weaning

process, to be ready for release. There are many steps involved in their rehabilitation, but it is encouraging to see that most of the birds are able to recover and thrive once they are given a second chance to live in the wild.

The work involves two stages where the birds are screened and rehabilitated at the CPRH centre's medium sized flights, and then sent to large flights (8m high x 50m long) at the CEMA FAUNA for further developing their flight muscles. We can see how many of these parrots, in particular the Blue-fronts, have been sedentary for some time. They're like people that have to start going to a gym to begin the painstaking process of losing extra weight and gaining important muscles.

The end result is that as they look much healthier and are happier once they are able to fly and interact with others. Many pairs and flocks are seen together during the training phase, groupings which result in stronger bonds and greater success for upcoming releases.

After the first rehabilitation phase, the birds are transported to their acclimation flights in a difficult 7-hour drive starting at three in the morning. There, after being selected as candidates, the banded and microchipped Amazons will stay for approximately 40 days getting used to the climate, food and surroundings. There is a lot for them to learn before they can be freed.

Spreading environmental awareness to schools and local people in the release areas is a key part of the project. In addition, we reach a wider audience in the urban centres, through the local radio station and events at the town squares. One interesting effect of our work was the renewed interest in ecotourism in the region around the town of Exu where one of the nearby release areas is located on a farm. This was helped in part by television and radio programs, as well as the local and national social network, showing efforts to bring these birds back to the wild.

AS OF THIS WRITING, 289 BLUE-FRONTED AMAZONS HAVE BEEN RELEASED SO FAR IN TWO DIFFERENT PROTECTED AREAS WHERE THE SPECIES HAD DISAPPEARED, WITH MORE AMAZONS UNDERGOING THE REHABILITATION PROCESS. ABOUT 200 STILL WAIT FOR THEIR OPPORTUNITY.

Monitoring of these birds is also an important part of the whole project, and has been showing rewarding results: With the start of the rainy season in the semi-arid region, the breeding season is underway at the second release area in Salgueiro. There we have noted very positive successes with five active nests with chicks fledging.

One particular pair chose a dead tree stump for nesting and although it was their first breeding attempt, three plump chicks were recorded during the monthly monitoring activities. As of now, they have all fledged. It's an image we hope to continue to see for years to come! 📷



(far left, inset) A mother and her three chicks hunker down in a nest

(far left) An Amazon hen peeks out and surveys the researchers

(top) Author Yuri M. Valença transports birds to a large flight training aviary

(bottom) Yuri provides supplemental food for a newly-released group

A close-up photograph of a Yellow-headed Amazon parrot perched on a snow-covered evergreen branch. The parrot has a bright yellow head and a green body with dark green horizontal stripes. It is looking slightly to the left. The background is dark and out of focus, with more snow-covered branches visible on the right side.

WILD PARROTS OF... Germany?

The Yellow-headed Amazon is an endangered parrot species native to Central America.

Amazingly, there is a small population of this parrot in Stuttgart, southwest Germany, that has been thriving for more than 30 years.

Article and photos © Bianca Hahn

IT ALL STARTED IN 1984: a Yellow-headed Amazon (*Amazona oratrix*), presumably escaped from a private person, was repeatedly spotted on the grounds of the Wilhelma Zoo and Botanical Gardens.

Apparently there were some unsuccessful attempts to re-capture the Amazon and rumor has it that an animal lover took pity on the lonely bird and purchased another one and released it. The two Amazons bonded and became a couple that raised three babies together in 1986.



The population has been growing steadily ever since. In 1995, a total of 16 were counted and another ten years later 38. Towards the end of the 1990s, two Blue-fronted Amazons (*Amazona aestiva*) joined them. Nobody knew where they came from. One disappeared after a short while, and the other one found a partner and had offspring. Meanwhile, the population has risen to over 60 Amazons.

Nowadays, the Amazon parrot is recognized as a naturalised species in Germany, as it has been able to provide for itself independently for more than 30 years without external help and reproduce offspring over several generations. 

About the Author

Bianca Hahn is a professional photographer from Kornwestheim, Germany, who has a passion for the naturalised parrots of nearby Stuttgart.

Follow their antics on the Facebook page dedicated to them at: facebook.com/stuttgareramazonen.



(top left) A young Amazon dines on ornamental apples
(top right) Youngsters about to fledge cautiously peer out of their nest
(middle left) Two birds argue over a prime perching location
(bottom left) An Amazon feasts on fruits from tree hazel (*Corylus colurna*)
(bottom right) The birds forage with the locals

A Parrot's Fine Cuisine Cookbook & Nutritional Guide

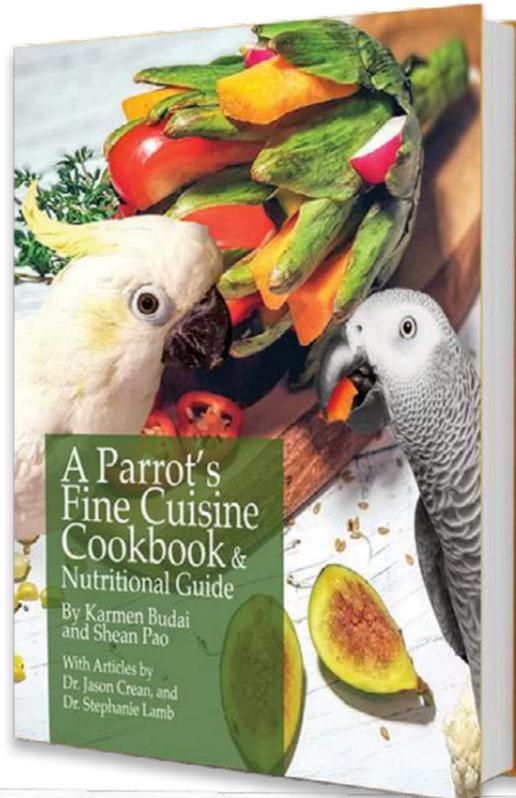
Authors: Karmen Budai, Shean Pao
 Publisher: Quietlight Productions Inc.
 ISBN: 1732320608

If you're looking for ways to create more healthy and interesting food and foraging opportunities for your parrot companions, then definitely consider including this volume in your library.

Featuring articles from leading authorities in the avian field addressing the importance of raw, whole foods, the nutritional powerhouse of soaking and sprouting, avian teas, and much more, this colourful, 122-page softcover book is brimming with tips, recipes and ideas sure to keep parrot and caregiver alike busy for days.

With over 60 recipes to excite even the pickiest of parrots — as well as a handy nutrition reference list if you want to branch out with your own creations — this well-rounded read is easily one of the most comprehensive books on parrot diets to date: from fruits to vegetables to herbs and back, the choices are endless.

Purchase your copy from Amazon.com, or through the WPT online store at parrots.org.



Parrot Booster Mash

Fresh

- 1/2 cup purple kale, chopped
- 1/3 cup red chicory, finely chopped
- 1/4 cup daikon (white) radish, diced
- Handful young spinach, chopped
- 1/2 carrot, peeled and sliced
- 1 sprig of fresh thyme, chopped
- 1 tbsp basil microgreens
- 1 tbsp cabbage microgreens
- 1/4 cup baby sweetcorn, sliced
- 1/2 green pepper, chopped
- 1 chili pepper, finely chopped
- 4 brussels sprouts, chopped
- 1/2 cup sweet potato, diced, lightly steamed
- 1/2 turnip, diced
- star anise pods, edible pansies to garnish

Sprouted

- 1 tbsp chickpeas
- 1 tsp each red and brown lentils

Soaked

- 1 tbsp pecans, shelled
- 1 tbsp almonds, shelled
- 1 tbsp cashews, shelled (unsalted)
- 1 tbsp buckwheat raw
- 1 tbsp milk thistle seeds (whole)
- 1 tbsp sunflower seeds
- 1 tbsp coriander seeds
- 1 tbsp natural sesame seeds
- 1 tbsp spelt grain

Dry

- 1 tbsp oats
- 1 tbsp organic coconut flakes
- 1 tsp ground flax (linseed) seeds
- 1 tbsp shelled hemp seeds
- 1 tbsp wild blueberries

Instructions

Prepare your sprouts and soaked items in advance. Chickpeas and lentils sprout fast but allow at least 2 days for the whole process, or until you see the first signs of little tails. Soak the nuts, seeds and grains for at least 8 hours prior making mash. (Sunflower seeds require only 4 hours.)

Chop up all the vegetables except the microgreens and place it all in a bowl. Meanwhile, peel and cut the sweet potato into small cubes, place them into steamer basket, and cover. Remove from steamer when tender and let it cool.

Combine ingredients together by adding the soaked items, followed by sprouts and last dry items. Mix gently, garnish with pansies and star anise.

Adjust the quantities of the ingredients as desired.

Parrot Booster Mash recipe created by Karmen Budai for the enjoyment of PsittaScene readers. Photos and content © Karmen Budai and Shean Pao. All rights reserved. Follow them on social media and the web at: www.parrotscuisine.com



WORLD PARROT TRUST

IMPACT REPORT

2017/18

BOARD OF TRUSTEES

Alison Hales – Chairperson
Cristiana Senni
David Woolcock
Nick Reynolds
Ruud Vonk
Steve Martin

Governed by a board of trustees, the World Parrot Trust is an officially registered charity in the United Kingdom, United States and Canada.

UK Reg Charity # 800944
US (EIN) 62-1561595
Canadian BIN# 890041171RR0001

Find complete financial reports for each branch on our website at:

[PARROTS.ORG](https://parrots.org) > ABOUT > GOVERNANCE & REPORTS



We are proud to have earned the **Gold Seal of Transparency** from GuideStar.org, an organization that gathers and distributes information about nonprofits.

THANK YOU!

Thanks to your support, we can continue to ensure parrots have ongoing protection from human and environmental threats in the wild, and receive the care and compassion they deserve to live well in captivity.

This report highlights just a few of the many successes you've helped make possible:

- Combatting trade in Africa and South America;
- Increasing wild populations of macaws in Honduras;
- Restoring and protecting habitat in Bonaire;
- Gathering new field data to help drive parrot conservation actions in Africa;
- Providing emergency aid to parrots in precarious situations in Puerto Rico and elsewhere;
- Encouraging communities to learn about and protect native cockatoos in Indonesia.

These successes – and many more – were made possible because of YOU.

As always, we're grateful we can rely on you to stand with us to protect the world's parrots.



Alison Hales,
Chairperson



Jamie Gilardi,
Executive Director

TOGETHER, FOR PARROTS

The World Parrot Trust is a wildlife conservation group dedicated to protecting parrots.

These birds belong to one of the most threatened families on Earth, with 1 in 3 species at risk of extinction.

As a leader in parrot conservation and welfare, WPT works with researchers, in-country organisations, communities, and governments to craft effective solutions that save parrots.

To date, WPT has led or supported conservation and welfare projects in 43 countries for more than 70 species of parrot.

Read a few of the many actions you made possible this past year.



MANY WAYS TO HELP STOP TRADE

Tragically, each year large numbers of wild parrots are trapped in Africa to supply global markets. Tackling this complex threat demands a multi-faceted approach, and WPT works hard on numerous fronts to end harmful trade. This year, our investigations have lifted the lid on how social media is used to promote illegal trade, and highlighted numerous opportunities to improve regulation and enforcement. We've ensured this research is published in leading journals and that it is understood by key decision-makers, and this year important decisions have been made to regulate international trade in species such as Jardine's (or Red-fronted) parrots, as well as Greys and Timnehs.

On the front-line we've continued to help parrots rescued from illegal trade, providing support for rescue centres and enforcement staff ranging from the construction of new aviaries, to the provision of veterinary care and emergency-response training for park rangers. This year WPT has supported rescued parrots in the Democratic Republic of Congo, Senegal, Sierra Leone, Guinea and Angola.

Wildlife care staff assess the health of a rescued parrot at the Tacugama Chimpanzee Sanctuary, Sierra Leone.

Inset: Rescued Grey Parrot surveys its surroundings in Angola.

Photos © Rowan Martin





BRINGING BACK THE MACAWS

Since 2011 WPT has had the unique opportunity to collaborate with Macaw Mountain Nature Park and Reserve, co-launching an effort to return free-flying Scarlet Macaws to Copán's famous Mayan archaeological park. The local government, Chamber of Commerce and Tourism of Copán, and the government of Honduras are all active supporters of the restoration effort.

Macaw Mountain has overseen the surrender of many former companion and confiscated birds to the facility and has nursed them back to full health. Other parrots have been captive-born and raised there, and after stringent pre-release tests, many of them have been set free in Copán, in the valley, and on islands off Honduras. Now, happily, several of the released macaws have started breeding and raising chicks on their own.

Macaw Mountain's close ties with and access to WPT's experience, advice, and technical and financial assistance have resulted in several successful macaw and Amazon parrot reintroduction programs throughout Honduras.

What began as a "bird park" with a strong focus on environmental education has evolved into Honduras's primary avian rescue and release facility.

~ Lloyd Davidson,
Macaw Mountain, Honduras



Released Scarlet Macaws fly at liberty over the Copán ruins in Honduras.

Photo © London Velasquez

NEW STUDIES IN AFRICA

Field activities with partners in Africa have celebrated a series of firsts: studies of Timneh parrots have seen Guinea-Bissau become the first country to publish a national status assessment for the species, while in Sierra Leone new surveys have uncovered at least one significant population outside of existing protected areas. The first scientific studies of breeding behaviour and diet have also been produced, and there was great excitement when WPT field staff caught on camera, for the first time, Timneh Parrots mating in the wild.

Surveys for Grey parrots in Nigeria have begun to build a picture of the status and threats to the species, identifying several areas where illegal trapping occurs, and highlighting the potential importance of plantations for protecting roost and breeding sites. Further south, surveys of remote woodland areas in Mozambique and Zimbabwe have enabled a detailed assessment of the habitat needs of Lilian's Lovebirds, and revealed this species has a much narrower distribution than previously thought.

In 2018, research conducted by WPT's Africa Conservation Programme has seen the publication of nine research papers in leading peer-reviewed journals.



Conducting field studies in Sierra Leone.

Inset: Wild Timneh Parrots in Guinea-Bissau.

Photos © Rowan Martin



RENEWING THE FRAGILE FOREST

Bonaire is a small island off the north coast of Venezuela that receives high amounts of heat and wind. The pervasively arid climate has produced dry forest on a good portion of the small isle. In spite of this it is home to the Yellow-shouldered Amazon (*Amazona barbadensis*), listed by the IUCN (International Union for the Conservation of Nature) as Vulnerable.

WPT has been working on Bonaire for nearly 20 years, and since 2010 with Echo, an organisation working to protect the Yellow-shouldered Amazon and its habitat.

In 2014, the team built a new native plant nursery to grow seedlings of the trees that once thrived on Bonaire. This nursery was doubled in size in 2016, and during the past year 4,335 native trees were planted into planned reforestation areas. Thirty-five hectares of these parcels were fenced to protect them from domestic animals introduced decades ago, still roaming free on the island.



*A wild Yellow-shouldered Amazon forages for fruits.
Inset: Young volunteers plant native trees, vital to the future survival of the parrots.*

Photos © Echo



HELP FOR PUERTO RICAN AMAZONS

When WPT staff arrived in Puerto Rico in the aftermath of Hurricane Maria, there was surprise at the open views of the landscape and shock at the destruction that caused it. WPT was there to assist in ongoing recovery efforts at Río Abajo, and the Puerto Rican Amazon project.

Armed with funds generated by hundreds of deeply concerned supporters, they purchased batteries and other equipment and assembled the means to run emergency incubators and brooders to nurse chicks, and cameras and recorders for monitoring wild nests. WPT also brought equipment for climbing, and provided the training to use it. Finding sturdy enough trees to practice on that were not damaged by the storm was difficult, but still proved to be possible.

The best news of all — a good portion of the wild population and the entire captive breeding group at Río Abajo made it through the crisis. And, even though the birds had their lives turned completely upside down, some still had enough reserves to get on with the most important activity of all: breeding.



A wild Puerto Rican Amazon chick thriving after Hurricane Maria.

Inset: Forests immediately after the storm.

Photos © Tanya Martinez

Read more about the recovery of Río Abajo on page 38...

A SAFE PLACE FOR PARROTS TO LAND

The Kiwa Centre in the United Kingdom was born of an emergency welfare situation: over 170 macaws and other parrots were in need of rescuing from severe neglect. Joe Davenport, whose previous pet macaw Kiwa was being kept in dreadful conditions, contacted WPT to help spearhead an effort to rescue and re-home the distressed birds.

Thanks to Joe, and a dedicated group of volunteers from Paradise Park, Paignton Zoo and two veterinary clinics, today the birds are safe and thriving in expansive aviaries in a purpose-built facility in the UK. After disease screening and months of recovery, eight of the Scarlet Macaws were transferred to Dudley Zoo to act as ambassadors for their species, and 20 Red-and-green Macaws will wing their way to Argentina to take part in a rewilding program, in an area where they haven't been seen in over a hundred years.

It was a real treat for me, seeing my childhood friend Kiwa – after being locked up in a small space for so many years – start to make these little flights. They weren't big, just from one branch to another, but using her wings again. It was so rewarding to see her – and all the other rescued birds – starting to figure it out.

~ Joe Davenport
Kiwa Centre, United Kingdom



Read more of Kiwa's story on page 42...

Rescued macaws enjoying plenty of fresh air and sunshine at the Kiwa Centre.

Photo © Alison Hales



SEEING PARROTS THROUGH NEW EYES

The world population of the Yellow-crested Cockatoo (*Cacatua sulphurea*), having been decimated by heavy trapping in past decades, numbers less than 2,000 wild individuals.

Illegal trapping still occurs. WPT researchers found physical evidence during recent fieldwork, and more data-gathering led the team to suspect that honey-gatherers, who also frequent these areas, might start taking young chicks. Efforts had to be stepped up to help protect the cockatoos.

Nature Conservation Agency Indonesia had already succeeded in getting former poachers to begin protecting instead of taking the birds; now, with WPT's help, they could start reaching the broader community. There, in collaboration with local biodiversity groups, WPT staff left field guides, notebooks and binoculars and worked to inspire interest in parrot watching, ecotourism and conservation. Students and villagers led visitors on birding trips, and held a tree planting session. Through this work local people are learning that that they can take part in protecting and benefiting from the cockatoos.



Local schoolchildren take joy in helping to protect their special cockatoos.

Inset: A wild pair inspects a cavity.

Photos © Oka Dwi Prihatmoko



You make our work possible.

People have many different reasons for supporting parrot conservation and welfare: it's the right thing to do, it makes us feel good, or we just love parrots for what they are: diverse, beautiful, and intriguing birds.

Whether through donating, volunteering or simply advocating on their behalf, by taking action you are helping to save some of the most endangered animals in the world.

Thousands of people like you — individual donors, members, foundations, corporate contributors, partners and sponsors — empower WPT efforts around the world.

This generosity has helped our in-country researchers and partners collect new data on ecology and trade threats, rehabilitate confiscated and rescued parrots, restore and protect critical habitat areas, engage local communities in helping parrots and people coexist, and advocate for better care of companion parrots worldwide.

“Over the years interacting with our parrots we have come to appreciate them for their intelligence, emotions and love... We have also come to realize that many parrots have suffered unspeakably for their beauty and talents... We support the World Parrot Trust for all [they] do in education for bird owners, stopping the importation of wild-caught parrots...and working to end the poaching of wild birds.

~ Bob Dulski

THANK YOU! Donors making a difference

SIGNIFICANT DONORS

FOR THE TIME-PERIOD COVERING NOVEMBER 1, 2017 - OCTOBER 1, 2018

Terry C. & Bill Pelster Boguth-Jonak-Stiftung Joe Davenport Folke H. Peterson Foundation Disney Conservation Fund Keefe Family Foundation Indianapolis Zoo Minnesota Zoo Foundation Eleanor Lloyd Dees Foundation Natural Encounters Conservation Fund Evet Loewen Benevity Community Impact Fund Zoologischer Garten Berlin AG Zoo Knoxville Painted Bunting Fund of Tides Foundation Cheri George Birdlife International Paradise Park, Cornwall, UK Mark Hagen Dallas Zoo Behavior+Works	David Corsini & Delia Berlin David & Terri Kester Foundation Parrot Lovers Cruise Corey Raffel Cyndi Miller Ellen Gale & Bill Larson Phoenix Landing Foundation Fort Wayne Children's Zoo F. Vogel Twila Y Frieders Blackpool Zoo Chris Shank Roberta Browne Jean Peters Ricardo Charles Matthew Kirchhoff Houston Downtown Aquarium Keith Ewart Charitable Trust B. Gamelin J. Worley Peter Molesworth	William Haddon Charitable Trust Bill & Jeri Goodman Beverley Penny Cynthia Spiess Donna Le Claire Annemarie & Richard Zimmerman Chris Whalen David Eskelund Pray Family Fund Ilana Mercer Jacqueline Gilardi Jade Lau Jim & Shelley Schallert Judy Riley Pickwick Foundation Patagonia.com Safari West, Inc. Wildlife Impact Muzio Giving Fund Donald G. Hedges Olga Efimova
---	---	--

Legacies / Bequests / Tributes

Dennis Lance Anthony John Elliott	Harold Schessler Davis Neave	Joan Winifred Johnson
--------------------------------------	---------------------------------	-----------------------

Download the full report online at: PARROTS.ORG/2018IMPACT

THANK YOU!

Donors making a difference

We are immensely grateful for our supporters' generosity. Your gifts allow us to continue the all-important work of conservation and welfare advocacy for the parrots of the world.

FOR THE TIME-PERIOD COVERING NOVEMBER 1, 2017 - OCTOBER 1, 2018

Groups, Clubs & Organisations

4Z Bird Products
AACCC
AMB Land Family Limited Partnership
ATCO
Avian Adventures
Batir Foundation, Inc.
Birds Unlimited
Budgeter and Foreign Bird Society
Burns and Batchelor Photography
Crazy Bird Ladies
Dudley & W. Mids. Zoological Soc.
East Texas AAZK Chapter
Feathered Friends of Santa Fe
GiveMN.org / K Foundation
Golden Cockatoo
Grainger
Greater Cleveland AAZK
Green Valley Administration
HMD Durante Corp
Jaeger Family Fund
Laughing Parrot
Meika's Birdhouse
Mid-American Exotic Bird Society
National Aviary
New Mexico BioPark Society
Pablo's Bird Toys
Santa Barbara Bird Sanctuary
Super Bird Creations, LLC
The Parrot Club
Walker 597 Trust
Walt Disney Company
Zoo Atlanta
Zoo News

Individuals

Judi Adams
Denise Morelock & Jeff Adams
Katherine Agape-Lichter
Elsa & Stanley Aglow
Patti Alexakis
Miira Allen
Heidi Ames
Lisa Anderson
Niels Peter Andreasen
Elena Andrews
Dorothy Andrusko
Edward Annal
Jeffrey Antokal
Yoko Aoki
Doris Applebaum
Clara Applegate
Sally Arany
France Archambault
Elissa Armour
James Armstrong
Andrea Asaro
Robin Asbury
Kacy Meza Ashley
Bethany Asplundh
Ayad Attayah
Elizabeth Attfield
Custodio Avo

Luc Backer
Steven Baczuk
Petra Baer
Deborah Bailey
Stephanie Bain
Ruby Baker
Carol Baker
Ann Baker
Stephen Baker
Laurie Balagurichik
Jennifer Baldwin
Jennifer Bannister
Alec Barinholtz
Leah Barison
Edwin Barker
Lillian Barres
Jeannine Barrett
Mary Jo Bartles
Elsa Barton
Candice Basham
Frank Baskay
Ellen Baudler
Mohammad Bayegan
Rick & Linda Bearfield
Jeffrey Bedrick
Pauline Beighton
Carl Bekofske
Anny Beland
Beverly Beldon
Carolyn Bennatti
Kristin Bennett
Kevin Bennett
Martin & Rhonda
Bennon
Angela Bernstein
Carol Best
Marisa Besteiro
Donatella Bettini
Jean M Beyer
Cornell Bialicki
Graham Bibbly
Randy Bickel
Michelle Biedrava
Michelle Biltmier
Linda Bjelde
Stephen Bloom
Sharon Boatright
Michele Bock
Amanda Bohlen
Lena Bondestad
Bonnie Borisch
Michelle Borwell
Joette Borzik
Giorgio Bottoni
Iam & Sari Bouret
Vivian Branson
Kenneth Braun
Alain Breyer
Helene Brezinsky
Wigness
David Briegs
Teri Ann Brown
James Brown
Solveig Brown
David Brown
Kathleen Bruno
Ray C. Aument, Jr.
& Lori Buch
Alyssa Buchardt
Victoria Bull
Frank Bunke
Deborah Burns
Nicola Burns

C Colston Burrell
Diane Burroughs
James Busch
James Butler
Melinda Bylow
D&D Byron
Louise Caldicott
Donald Brezinski &
Patricia Canete
Lynn Cannella
Steve Carpenter
M L Carter
Annette Cartwright
Darlene Carver
Dawn Case
Sara Casey
Rachel Cassidy
Caroline Cattini
Jerome Cavanaugh
Sharon Chadwick
Lucie Chantal
Jenny Chapman
Jolynn Chappell
Elaine Charkowski
Allen Chartier
Hillard Chermers
Richard Chiger
Tuesday Childress
Kelly A Chippis
Carol & Gary Cipriano
Randall Collins &
Barbara Kitko
Lisa Clark
CA Clark
V Clark
Raymond Saulino &
Debbie Cerulli
Kevin Clement
Fiona Clements
Tina Close
Sherry Clover
David Coates
Nicholas Cobb
AM & EC Coldwell
Nan Cole
Tomkin Coleman
Diana Collins
AC & JM Comber
Catherine Conner
Stephanie Conrad
Fermin Contreras
Gomez
Kelsey Coon
Lena Copeland
Monsita Correa
Suzanne Corrington
Angelique Corthals
Wendy Cotey
Robert Coville
George Cowie
Susan Crane
Carol Crocker
Larry & Suzanne
Cromwell
Marina Cronin
Patricia Crown
Elizabeth Curtis
Maria D'Angelo
Carol D'Arezzo
Danielle Dahlem
Lisa Dahm
Nikki Dail
Scott Dale

Alexander Danik
Bonnie S Dank
Tom & Anne Darrow
Jean Davidson
R E Davies
Steve Davis
N E Davis
Johanna Dawes
Phyllis Deal
Michelle Decker
Virginia DeFeo
Gemma Dehnpostel
Miranda Dekay
Lori DeLeo
Helen Dent
Dana DeRogatis
Thomas Derr
Claudia Desantis
Barbara Bingham
Deutscher
Linda Dewey
Giuseppe Tomasi
Di Lampedusa
John Dichiaro
Christina Dicker
Michael DiMauro
Nina Dioletis
Samuel Dipietrantonio
Sarah Dodd
Lydia Dodd
Mary Dougherty
Susan Douglass
Michele Drake
Belle Drake
Janet Draper
Stephanie Dubick
Sarah Dugger
Bob Dulski
Lou Duncan
W Leon & Vicki Dunlap
George Durakovich
John Duros
Martha Duynslager
Ruth Dyke
S Eastick
Austin Eaton
Jessica Eberhard
Sarah Ebmeier
Stephanie Edlund
Cathy Eising
Calvin Embry
Timothy England
Phillip Erven
W Hardy Eshbaugh
James F Eubank II
Michael Evans
Marilyn Evenson
Blake Facente
Ruth Fahrmeier
Grsin Family
Lindsay Farley
Barry & Brenda
Larry & Suzanne
Fass-Holmes
Caroline Fehr
Michael Feirstein
Paula Feldman
Virginia Fernandez
Jane Ferraro
Katelyn Ferringer
Eleanor Ferron
David Fiedler
Jeff Fischer
Martha Fischer

Paul Fisher
Tony Fisher
Janet Flowerday-
Capaldo
Harold Foringer
Alan Brown & Leslie
Frank
Carol Frank
Rebecca Frank
Peter Frank
Nicola Franks
Vance Fread
Alison Frederick
Susan Friedman &
Family
Doug Frietchen
Paul Frostick
Oliver Fry
Pam Fryer
E S Funnell
Elke Furman
Myriam Gagnon
Jolynn Gaia
Edward Gaillard
Shirley Gallagher
Jennine Gardiner
Billie Gardner
Neil Gascoyne
Mark Gawel
John Geensen
Rebecca Gelernter
Judith Mara Genensky
Bo Gerre
Judith Gertler
Thomas Gillett
Adrienne Gilligan
Elaine Gleason
Julie Gledhill
Greg Glendell
Amanda Gobel
Mark Golan
Kathryn Good Hanson
Bill Goodman
Patricia Googins
Richard Gosman
Frances Gosnell
Rose Goulais
J Goulder
George Goulding
Erin Gowling
Sylvia Grady
Nancy Graham
Caroline Granat
June Graves
Timothy Gray
Julie Greenfield
Janet Greenlee
Marian Isaac
Yumi Ishikawa
Joey Iversen
E M Jacobs
Taru Jain
Stewart James
Sara Jamison
Mark Janlois
Gayle Janzen
Anna Jarnfors
Louisa Jaskulski
Linda & Richard Jeffries
Carolyn Jewel
Rose-Marie Johansson
M Johns
Patricia Johnson
Kim Johnson

Dawn Harris
Kari Harris
Christiane Harrison
Christopher Hart
Elizabeth Harvey
Emily Hassan
Mildred Hathaway
Timothy Havel &
Family
John Hawes
Terrie Hayward
Inger Hedberg
Amanda Heidt
Stefan Heimann
Kandace Heimer
Jeanne Held-
Warmkessel
Michael Helm
Joyce Herbert
Debbie Herrington
Dorit Herrmann
Lois Herrmann
Jane Heslegrave
Marc & Annette Hess
Kenneth Ash &
Patricia Heu
Jim & Kim Hibbard
Yvonne Hickman
Cielo Hidrobo
Susan Higgins
Steven Hightower
David Hiipakka
Pat Hill
Nancy Hoffman
Peggy Hogan
B & S Hogg
Richard Hoggan
Kathleen Holguin
Charles & Carey
Fagerstrom Holloway
Richard Holloway
Russ Holmgren
Tracey Hooper
Amy Hopkins
Tara Houser
Zoe Howland
Beth Hughes
Jo Hughes
Lesley Humphreys
Hope Humphries
Stephanie Huntington
Janet Huot
Gia Hutt
Ann Hyland
Brandon Imsdahl
Miguel Isaac
Marian Isaac
Yumi Ishikawa
Joey Iversen
E M Jacobs
Taru Jain
Stewart James
Sara Jamison
Mark Janlois
Gayle Janzen
Anna Jarnfors
Louisa Jaskulski
Linda & Richard Jeffries
Carolyn Jewel
Rose-Marie Johansson
M Johns
Patricia Johnson
Kim Johnson

Mary Johnson
Clifford & Jane Johnson
Dorothy-Anne Johnson
Dawn Johnson
Heather Johnston
Lorna Jolief
Justin Jolly
Faye Jones
Randolph Jones
Jo Ellen Jones
Harriet Jones
Helen Jones
Karen Jordan
Mar Junca Juando
Debra Ann Kahlie
Nancy Kalish
Julie Kapito
Kristine Kaswell
Gerald Katen
Michael Katz
Margaret (Peggy) Kaye
David Keats
Ursula Kelley
Sean Kelly
Barbara & Ray Kendal
John Kenney
Edward Hardy Kern III
Richard Kerner
A R Kerr
Joanne Kessler
Marlene Khoury
Peter Kiernan
Bruce & Pam King
Trevor King
Andrea Kippels
Sam Kirshoff
Robert Kleist
Diane Klinebriel & Family
Frank Kling
Svetla Konstantinova
Natalia Konyushenko
Gerry & Robin Koocher
Kelli Kordich
Jennifer & Kevin Kramer
Linda Krause
Brian Krejci
Coll Kretz
Douglas Krok
Cynthia Kroll-Barke
Debra Krupey
E Lake
Tia Landau
Dian & Roger Landrum
Monique Marie Lanoux
Rae Lastella
Patricia Latas
Rosemary Medve
Amanda Mefford
Delwen Meggitt
Carole Mehlhoff
Alan Merkel
Patricia Merrill
Linda Messner
Jan Middleton
Herman Migliore
Barbara Mikel
Christi Miller
Leslie Miller
Jennifer Miller
Jessica Miller
Lynne Miller
Nathaniel Miller
J E A Miller
Michael Miller
T Perkins Miller Jr
Catherine Minogue
Charise Mixa
Mary Modlin
Bobi Monson
Irene Montgomery
David Cano Monzon
Linda Morgan
Gary & Teresa Morin
Jenna & Howard Morris

Steve Lowe
Colleen Lucas
Dixie Luebcke
Sharon Lum
Mary Louise Lyon
Rex Shelly Macalising
Nilah Macdonald
Lawrence Mack
Julie Magilen
Francis Malachwiej
Michael Malachwiej
Jacqueline Malinowska
Donna Malloy
Alan Malone
Timur Mammaev
Fran Mandeville
J A Manthorpe-Eberle
Leslie Mapes
David March
Wendy Marchant
Elizabeth Marcus
Susan Markowitz
Kevin Markowski
Sharon Marquis
Celeste M Marsh
Tom Marshall
Paula Martel
Neil Martin
Massa Martine
Priscilla Martinez
Vickilyn Marzluff
Michelle Mastous
Maddalena Mastroprimano
Leticia Materi
Michelle Maton
Sam Matthews
Kirsten Maxwell
Jonna & Jeffery Mazet
Kyle McCaskill
Patricia McCauley
David & Ruth McClellan
Harris Friedburg &
Mary McComb
Carolyn McCreery
Mike McDanel
Diane McDonald
Thomas McDougal
Margaret McGinnis
Lee McGuire
C L McKelvy
Rena McKeon
Christine McMahon
Therese McNally
Candy McNamee
Susan Medina
Rosemary Medve
Amanda Mefford
Delwen Meggitt
Carole Mehlhoff
Alan Merkel
Patricia Merrill
Linda Messner
Jan Middleton
Herman Migliore
Barbara Mikel
Christi Miller
Leslie Miller
Jennifer Miller
Jessica Miller
Lynne Miller
Nathaniel Miller
J E A Miller
Michael Miller
T Perkins Miller Jr
Catherine Minogue
Charise Mixa
Mary Modlin
Bobi Monson
Irene Montgomery
David Cano Monzon
Linda Morgan
Gary & Teresa Morin
Jenna & Howard Morris

Michelle Morris
Helen Mortimer
Susan Mot
Shelley Mulconrey
Sharon Mullally
Margaret Murphy
Hilary Murphy
Donna Muscarella
Tiago Nabico
Judith Nadelson
Tomoko Nakagawa
Douglas Nargiz
Ona Nejd
Tuesday Nelson
Nancy Newton
Barbara Novak
Susan O'Connor
Mary O'Dell
Diane O'Neill
Berl Oakley
Orin & Vicky Oberlander
Kevin Obrien
Lovinda Odegarden
Priscilla Old
Benjamin Olewine
Kristi Olson
Kenneth Kwabena Osei-Larbi
Nicholas Palazzo
Alan Parfitt
Darlene Parker
I Parker
Richanna Patrick
Polly Pattison
John Pavela
Mary Pawelko
Karlyn Lee Payne
Diana Pearce
Janet Pedersen
Gregory Pekas
Suzanne Pena
Stephen Penman
Cathleen Penyak
Charles Perkins
Mary Perrego
Dan Perry
Rebecca Anne Perry
Sean Perry
Stefan Persson
Jean Peters
Debra Peters
Karen Petronis
Pamela Petrus
Thomas Petruso
Brian Phillips
Pamela Phipps
Gloria Piacentini
A J Picano
Nathalie Picard
Anna Piccolo
Linda Pierce Hunter
Mary Pierson
Rene S Pina
M R P Pipers
Jessica Plaut
J K Polstorff
Andrew Poole
Janet Pougher
Matt Poutiainen
Robert Praetorius
Vyapak Prakash
Kerstin Preusentanz
Gail Quinnby
Karen Quinn
Nelson Quinones
Geraldine Quirk
Michael Radford
Jacqueline Ramirez
Chris Rasmussen
Louise Rasmussen
John Rawson
Mario Recupero
Mary & Tom Redfern
Jennine Redick

Wolfgang Rehwald
B Reid
Carole Reiner
Francoise Remington
Karen Remmes
Heinrich Remold
Linda Reusmann
Alison Reuter
Roxanne Reynolds
Sarah Reynolds
H M Richardson
Robert Rickun
Susan Riley
Andrea Rimondi
Richard Rivera
Tim & Kat Rivett
Adam Roberts
Max & Emily Lott Robinson
Shelby Robinson
Sharron Robinson
Sally Robson
Gabriel Rocherolle
Orin & Vicky Oberlander
Kevin Obrien
Lovinda Odegarden
Priscilla Old
Benjamin Olewine
Kristi Olson
Kenneth Kwabena Osei-Larbi
Nicholas Palazzo
Alan Parfitt
Darlene Parker
I Parker
Richanna Patrick
Polly Pattison
John Pavela
Mary Pawelko
Karlyn Lee Payne
Diana Pearce
Janet Pedersen
Gregory Pekas
Suzanne Pena
Stephen Penman
Cathleen Penyak
Charles Perkins
Mary Perrego
Dan Perry
Rebecca Anne Perry
Sean Perry
Stefan Persson
Jean Peters
Debra Peters
Karen Petronis
Pamela Petrus
Thomas Petruso
Brian Phillips
Pamela Phipps
Gloria Piacentini
A J Picano
Nathalie Picard
Anna Piccolo
Linda Pierce Hunter
Mary Pierson
Rene S Pina
M R P Pipers
Jessica Plaut
J K Polstorff
Andrew Poole
Janet Pougher
Matt Poutiainen
Robert Praetorius
Vyapak Prakash
Kerstin Preusentanz
Gail Quinnby
Karen Quinn
Nelson Quinones
Geraldine Quirk
Michael Radford
Jacqueline Ramirez
Chris Rasmussen
Louise Rasmussen
John Rawson
Mario Recupero
Mary & Tom Redfern
Jennine Redick

Svetlana Shliandina
Stanley Shyiko
Stanislav Shyiko
Gail Sibley
Tricia Sicilia
Maria Siciliano
James Sickles
Hilary Siddall
Sherry Sigmund
Joseph Silva
Martin Simons
Bran Sipp
Glenn Skankey
Kate Slemeck
Pam Slusser
P A Smalls
B Smith
Abigail Smith
Ellen Smith
Heather Smolinski
Lisa Sorenson
Ruth H Sosis
Diane Sparks
John Rush &
Theresa Spear
Mary Spease
Cynthia Spiess
Ian & Janine Sprague
Teresa Springfield
Douglas Spurr
Courtney Squibb
Deborah Stacey
Doris Stackhouse
Giovanna Stanco
Breanna Stanco
Harriet Standeven
Linda Stanley
William Stavros
John Steckley
Susan Steenstra
Eric Stein
Margaret Steinhoff
Patricia Steinkraus
Kirsten Steinmann
Linda Stern
Kevin Stern
Scott Stern
Christopher Brian Stevens
Andrew Stevens
Amanda Stewart
Dianna Stirpe
Jane Stone
Caroline Stott
Deborah Sturdevant
Pat Stutzman
D Sutton Family
Sarah Sweet
Amanda Swift
Joel Symmes
Jessica Taferner
Ann Takamoto
Makiko Takenaka
Lucille Tarsitano
Gary Tarter
Wendy Taylor
Jeremy Taylor
Robert Temple
ADM Thomas
Virginia Thomas
Robert Thompson
Don Thrasher
Michael Thweni
Mark Tolson
Priscilla Tomasovic
Candy Tooley
John B Toy
V T Trapaga
Nancy Travis
Chrys Tremththamor
John Troth
Janet Trumble
Tara Tuatai
Daryna Tverdokhibova

Norbert Udvari
Michelle & T Reed Underhill
Regina Underwood
Wendy Vaccaro
David Vailiyev
Scott van Antwerp
Anina van der Westhuizen
Ami van Oppenraay
Rogier van Riel
Mary Vanek
Jana Varman
Bolivia Vega Martin
Frank & Carol Veith
Nicole Vene
Johan Vermaak
Catherine Vine
Vint Virga
Ernst & Ann von Kugelgen
Patricia O Wainright
Sharon Waldron
Kathleen Walker
Craig Walker
Diane Wallace
Patty Wallace
Miriam Wallis
Dorie Walmsley
Rachel Walton
Robert Warburton
Alison Ward
Laura Warren
Wendy Warren Money
William Wasserman
Glenna Waterman
Andrea Watson
Daniel Webb
Sarah Weidler
Pamela Welborn
Tanja Welter
B Wernborn
Marjorie Wexler
Jennifer White
Kimberly White
Susan White
Brian White
C Whitworth
R & L Widdowson
Nathan Wiehoff
Leslie Wieser
M E Williams
Kezia Williams
Ralph Williams
Jay Williamson
Larry Wilson
Diane Wilson
Karen Wilson
Anne Wilson
Roger Wilson
Leroy Winans
Lise Winer
Andrew & Megan Winter
Walter Wintour
Joseph Witt
Daniel Wollenhaupt
Andrea & Mark Wong
Alison Wood
David Woodcock & Family
Laurel Wroten
Joanna Wu
Susan Wydell
Michelle Yarber
David & Linda Yertzley
Janie Yorker
Anna Young
Liang Yu Chen
Lee Chi Yuen
Sarah Yule
Kim Yuskiewicz
Susan Zaar
Jennifer Zimkouski

Our deepest gratitude to everyone listed, as well as the many anonymous contributors and those who gave directly to WPT Project Partners.

LEAVE A LEGACY FOR PARROTS

By including the World Parrot Trust in your will, trust or beneficiary designation, you are creating a personal legacy that will have a lasting impact for parrots.

A bequest is a gift that ensures that the WPT can continue its critical work to protect parrots, and the places where they live, now and into the future. Every legacy donation we receive — large or small — is put to work helping to save parrots.

Let your dedication to parrots live on.

For more information on including WPT in your planned giving opportunities:

- Visit our website: [PARROTS.ORG/LEGACY](https://parrots.org/legacy)
- Email us: LEGACY@PARROTS.ORG
- Or contact the branch nearest you:

World Parrot Trust (UK)

Glanmor House, Hayle, Cornwall TR27 4HB
+44 (0) 1736 751026 • uk@parrots.org

WPT-USA

P.O. Box 985, Travelers Rest, SC 29690
1 864-610-2129 • usa@parrots.org

Canadian World Parrot Trust

4377 Gordon Drive, Kelowna, BC V1W 1S7
1 250-766-7828 • canada@parrots.org



“Parrots are the Jackson Pollock paintings of the animal world: intelligent, bright splashes of colour, enigmatic perhaps but none-the-less compelling and a joy to behold. And like art, parrots make the world a much more beautiful and rich place to be.

Unfortunately, their wild numbers are dropping for a number of human-related reasons, and while I am doing what I — one person — can do during my lifetime to keep them around for future generations, I know there is so much more work to be done than I alone can accomplish. It pains me deeply to know that an estimated 25% of parrot species are considered at risk because of what we have done to them and their habitats.

I have been a proud supporter of the WPT since the early 2000s because it is an established and well-managed international organization made up of passionate, dedicated and professional individuals with goals similar to my own. With its focus on conservation, research, welfare and education, the World Parrot Trust has built a strong foundation upon which my dream of a peaceful and compassionate world full of parrots can be realized.

It gives me both satisfaction and comfort to know that through my legacy support of this organization, my dream of a world painted with parrots doesn't die with me; I am certain the WPT will ensure that these magnificent creatures continue to colour the skies for generations to come.

~ Cheryl Rutherford
WPT Member & Legacy Supporter
Canada



Recovery at Río Abajo

by Jamie Gilardi, WPT Executive Director

When we arrived at Puerto Rico's Río Abajo rainforest in late May, I had an overwhelmingly positive first impression. It was bright and sunny, beautifully green, with great views of ridges and valleys I'd never seen in past years. Slowly it dawned on me what was wrong; after all, you don't normally get any views or see the sun in a tropical forest. It then hit me just how dramatically it had changed since my last visit.

On September 20, 2017 Hurricane Maria devastated Puerto Rico, leaving the entire island without power or water, most of the main roads impassable, and indeed much of the island's forests seriously degraded.

Many of the large trees were felled by the storm, and those remaining lost nearly all their leaves, branches...in some cases much of the bark was stripped from their trunks as well. Hence the newly open view from the Río Abajo aviaries and reintroduction site, with most trees that remained standing looking like telephone poles with desperate signs of new life sprouting from their trunks.

Indeed the lack of limbs on most trees became an issue a few days later when we sought a good climbing tree to practice techniques for accessing natural cavities and other parrot work high in the canopy - or what was left of it. One of the purposes of my visit was to work with an extremely committed field team from Puerto Rico's

Department of Natural and Environmental Resources (DNER) and share with them some tree climbing tools, including the use of an enormous sling shot to shoot ropes over very tall trees, and then to teach the use of safe methods for climbing and descending on ropes. But finding a stout tree with amply strong limbs to place the climbing rope proved surprisingly difficult, driving home the reality that Maria had stripped most of these trees of all such branches - just one of many experiences demonstrating just how such a hurricane can destroy the very structure of the forest itself.

For us the most pressing concern after the storm was the fate of the small population of reintroduced parrots - one of the rarest of all Amazona. In short, the great news is that a good number of the wild birds at this site in Río Abajo survived the storm, and although late by a few months, **a substantial number of the wild pairs not only survived, but actually made a serious effort at breeding this year.**



Above: Repairing and replacing nest boxes for the parrots has been ongoing since Hurricane Maria hit. Photos © Tanya Martinez



It never ceases to amaze me how quickly and generously parrot lovers around the world respond to wild parrots in crisis, whether that's a man-made crisis causing thousands of birds to be taken from the wild for the pet trade, or natural disasters like Hurricane Maria both killing birds outright and causing habitat destruction on a massive scale. Immediately after the storm, hundreds of supporters donated thousands of dollars to help save Puerto Rico's endemic parrot.

As we had an established relationship with the conservation team at the DNER, the World Parrot Trust was well positioned to both generate this support from around the world and then to work closely with our partners in Puerto Rico to ensure that the funds were (and are) focused as efficiently as possible on the recovery of the parrots themselves, both the captive and wild birds.

Naturally, there were a lot of pressing needs in the aftermath of such a destructive storm. The highest priorities were basic necessities like power and water - not only was power cut off to the Río Abajo aviaries, the whole power grid in the area was literally laying on the forest floor. So, in evaluating what was most critical, especially during the breeding season, the DNER team identified the need for a backup power system to ensure that incubators and brooders could be kept running overnight, particularly when generators were not running. With a combination of an inverter and charger shipped from the United States and locally sourced golf cart batteries, the team wired up and tested a system to do just that.

We were also able to use it to power the cameras and DVRs so we could continue monitoring three of our nests. The unexpected post-Maria breeding of the wild birds created other challenges as well, particularly as some pairs have begun venturing beyond nest boxes and are now using natural cavities.

When parrots choose their nest tree — rather than the field team carefully selecting a site to hang a nest box — new difficulties generally ensue and require new tools and tricks to monitor, protect, and support such nesting pairs. Sometimes they select a dead tree, making climbing it potentially treacherous, sometimes the cavity has bats or stinging insects in or near it, and sometimes the eggs are laid in deep cavities, well beyond arm's length.

In practice, many natural parrot nests have several of a long list of difficult features. On my last day in the field, we visited one such

natural nest site, and caught a glimpse of one of the parrots climbing out and flying off.

We discussed how best to climb and assess the situation, the value of lowering a camera into the cavity to see what, if anything, was inside, and how to cut an access door if that proved necessary. Upon closer inspection, the field team discovered the cavity was too deep and would require a door to manage any eggs or chicks. So we purchased a battery powered reciprocating saw so that could be done quickly and safely. As it turned out, behind that new door was a perfectly healthy Puerto Rican Parrot chick (*see images to the far right*), well on its way to fledging!

AS IT TURNED
OUT, BEHIND THAT
NEW DOOR WAS A
PERFECTLY HEALTHY
PUERTO RICAN PARROT
CHICK, WELL ON ITS
WAY TO FLEDGING!

These are just a couple of examples of the many ways parrot lovers' contributions in the aftermath of the hurricane are helping get the species and the conservation program back on its feet. And while this support is just a small part of an overall budget from the government of Puerto Rico and the US Fish and Wildlife Service, having the flexibility to quickly fill urgent needs as they come up means the WPT's contributions help enhance the agility of the conservation efforts with both captive and wild parrots at Río Abajo.

We're all looking forward to continuing with this collaboration, and hope to branch out in the future to support more technical exchanges and visits among projects elsewhere in the Caribbean and Central America. So, please stay tuned not only for upcoming articles from the team in Puerto Rico, but also new project developments in the coming year. ☐

IN THIS BRIEF UPDATE, I'VE FOCUSED ON HOW PARROT LOVERS FROM AROUND THE WORLD RALLIED TO SUPPORT THIS BIRD AND ITS DEDICATED PROTECTORS IN PUERTO RICO, AND HOW THAT SUPPORT IS NOW FOSTERING THE SPECIES' RECOVERY.

PLEASE STAY TUNED FOR UPCOMING AND MORE DETAILED ARTICLES IN FUTURE PSITTASCENES IN WHICH WE'LL RUN A SERIES OF ARTICLES ABOUT THE DETAILS OF THE AFTERMATH OF THE STORM, STORIES TOLD BY THE BRAVE AND CAPABLE CONSERVATIONISTS WHO EXPERIENCED MARIA FIRST HAND, AND HELPED PICK UP THE PIECES IN THE STORM'S AFTERMATH. I'M SURE YOU'LL ENJOY THEIR GRIPPING ACCOUNTS OF THE IMPACTS ON THE CAPTIVE BIRDS AND THE WILD BIRDS, AND THE PHENOMENAL CHALLENGES OF KEEPING EVERYTHING AFLOAT IN THE WEEKS AND MONTHS AFTER HURRICANE MARIA.



©Tanya Martinez





KIWA:

The story of a macaw rescue

Article by Desi Milpacher
Photos by Alison Hales

How the love for a childhood companion became a mission to save hundreds of macaws.

Fresh off an enlightening and enjoyable working visit to WPT's founder facility at Paradise Park in Cornwall UK, we arrived at an out-of-the-way farm in the rolling English countryside for a visit of a different sort – a follow-up on a project begun a year or so prior.

It was no less than the rescue of over 170 macaws and parrots from a miserable neglect situation, and we were there to see and report about how they'd progressed. How would they have fared, I wondered with a mix of trepidation and excitement.

When you see the indoor/outdoor aviaries housing these birds now compared to where they came from, you'd think a bona fide miracle had happened. There are perches, natural logs and grass outside; indoors more feeding stations are set on easily cleaned sand. There are perches and ropes for less able birds, and heating in their night quarters. Most of all, there is ROOM TO FLY.

Quite different from their previous life, where the birds lived in small cages in a musty, dilapidated building. It was a complete change for a group of birds that had had virtually no hope of an enriching,

or even a reasonable, existence. One year on most are doing well.

It was especially gratifying to see them beginning to use their outdoor enclosures more (*progress is slow and steady after being locked inside for an age*), with some of them now venturing out to smell the fresh air and feel the warmth of the sunshine. Feathers that had been chewed or plucked are returning, plumages are brighter, and voices are stronger. Watching them wheel around the aviaries, fly from perch to perch, bicker amongst themselves and generally behave more like macaws was inspiring, and a relief.





It all began with a visit to a friend from the past. Joe Davenport, a native Brit who now lives in New Zealand, once had a Blue-and-yellow Macaw named Kiwa.

Sadly, after years of companionship, Joe had to surrender her back to the breeding facility where his parents had originally bought her while he set off to begin his adult life. She was never far from his thoughts, and as soon as he could he went back to see her. When he saw the conditions in which she and over

170 other macaws were living he was understandably stunned. He became deeply concerned for their fates, so after his visit he approached the World Parrot Trust to see about helping them.

Joe's resolve to give hope to these macaws set into motion a Herculean effort on the part of about 20 volunteers – Joe himself, eight zookeepers, four veterinarians, two vet technicians, and WPT staff - to catch, examine, treat and change the lives of this unfortunate group of birds. A staggering operation, to be sure.

David Woolcock, Curator at Paradise Park, and a number of veterinary personnel had already seen to the sickest birds. Some of them, after years of overfeeding, and lack of exercise and light, were sadly beyond help. That made getting the others to safety all that more urgent.

Once proper permission was in place, The Kiwa Centre, generously financed by Joe, was built. On the day of the move, everyone who was to be involved arrived at the old breeding barn, a dark, two-storey building that had

definitely seen better days. After being caught, and thanks to an efficient assembly-line set up, the birds were quickly anaesthetised, examined, had blood drawn for tests, were treated for injury/illness, and had nails clipped - as much as could be done given their overall condition.

When everything was completed and the birds had recovered from the sedation, each bird was gently bundled into a travelling box and transported by vans to the new location some miles away. The entire process took 24 hours over

two days and was a full-on effort by everyone.

Now that the birds are in their new quarters, what happens next? Some of the Scarlet Macaws have already been transferred to Dudley Zoo, where they will serve as ambassadors to educate admirers about their wild kin in Honduras, one of the remaining strongholds of these birds. A group of Red-and-green Macaws will be on their way to Argentina, where they will take part in a reintroduction program. Plus, Grey Parrots that were confiscated in Bulgaria a

few years back and are currently living in France will join the group at the Kiwa Centre, and then eventually go back to Africa where they belong. As for the remaining macaws and other parrots, they will live out their lives with proper care, security, good food, and things to play with and do.

And Joe and Kiwa, the main heroes in all of this, can bask in the certainty that they've done everything they can for these marvelous birds. ☐

NEWS

Glossy Black Cockatoos under pressure from development in NSW



The once-common Glossy Black Cockatoo (*Calyptorhynchus lathami*) is losing ground across E Australia. One of its remaining strongholds south of Sydney is under threat from land clearing and development, which is severely affecting their nest hollow and food source trees. "They rely on large hollows for nesting, which are now really rare and vulnerable to things like clearing for firewood or bushfire hazard reduction burns," says Matt Cameron, threatened species officer with the Office of Environment and Heritage. In response, the office has launched a new project involving private landholders, reporting cockatoo sightings and mapping trees.

Read more online: tinyurl.com/y7vxuvdr

Scarlet Macaw DNA points to ancient breeding operation

Archaeologists have released the results of a study where the mitochondrial DNA of macaw remains was sequenced, revealing that in the American Southwest or northern Mexico there are likely ruins of an ancient Scarlet Macaw (*Ara macao*) breeding operation dating back to between 900 and 1200 C.E. This is much earlier than originally thought, with a previous find occurring at Paquimé, a Mexican site.

The areas where more ancient DNA was found are in the Chaco Canyon and Mimbres regions of New Mexico. The settlements there were abandoned long before the ones at the Paquimé site, meaning that the people at Paquimé could not have supplied birds to the American Southwest prior to the 13th century, making a native-run breeding operation in Arizona or New Mexico much more likely.

Read more online: tinyurl.com/yat3jjz9

Who's a clever bird? Macaws play the odds when making decisions



A new study has shown that parrots – macaws in particular – are as adept as chimpanzees at making delayed-gratification decisions. Researchers call this "economic decision-making." The process involves a thorough assessment of a current situation, together with an understanding of future reward as a result of controlling one's impulses.

Study subjects included specialist fruit foragers such as macaws (*Ara sp.*) and Grey Parrots (*Psittacus erithacus*). When provided with a choice between a food item and a token that could be exchanged for a more preferred food, all four species in the study selected the token more often, delaying their reward and maximising their pay-off.

Read more online: tinyurl.com/y89f8obx

WPT OFFICE NEWS

New WPT-USA Administrator

Glenn Reynolds first became involved with the World Parrot Trust in 1998 when he joined with Founder Mike Reynolds (*no relation*) to create the Golden Conure Survival Fund. In 2001, Glenn stepped onto the Board of Trustees for WPT, but left that voluntary position when the Trust needed an Administrator for World Parrot Trust USA, Inc. in 2006.



As of this year, Glenn has handed the baton to Lauren Schmalz, who stepped into the position of Administrator in July. Lauren completed a dual Bachelor degree in Biology and Spanish and a Master of Environmental Studies. In the middle of her studies, she also spent several years living overseas in the Galapagos Islands (Ecuador), Costa Rica, and Bonaire.



Lauren first became involved with the World Parrot Trust while serving as the Director of WPT Project Partner Echo, a small non-profit organization dedicated to protecting the Yellow-shouldered Amazon parrot and its fragile dry forest habitat on the Dutch Caribbean island of Bonaire. She returned to the US from Bonaire in 2017, having stepped down from that role to dedicate herself to working full-time with the World Parrot Trust. She has a keen interest in environmental management, community outreach and education, and sustainable development that will harmonize with WPT's growing initiatives in parrot conservation, habitat restoration, and community engagement.

If you'd like to send a welcome note, Lauren can be reached by email at usa@parrots.org or by writing to her at the new branch location: **PO Box 985, Travelers Rest, SC 29690.**

GIFT IDEAS

Gift ideas for parrot lovers!

Looking for ideas for the upcoming season of giving? Come check out the new items that have been added to the World Parrot Trust stores. From exquisite art pieces, fun and festive apparel, exclusive pins, gorgeous jewellery to stunning calendars, you are sure to find something for everyone on your list.

And remember, all sale proceeds go towards conservation efforts to protect parrots. It's the gift that keeps on giving!

Start shopping: www.parrots.org/shop



ACCESS PAST ISSUES AT: PSITTASCENE.ORG
English, Dutch, German, Italian, Portuguese, Spanish and Swedish

WPT CONTACTS

ON THE WEB

parrots.org
psittascene.org
facebook.com/WorldParrotTrust
twitter.com/parrottrust

MAIN BRANCHES

UNITED KINGDOM (Main Office)

Karen Whitley, Administrator
Glanmor House, Hayle
Cornwall, TR27 4HB
Tel: (44) 01736 751026
Fax: (44) 01736 751028
uk@parrots.org

UNITED STATES

Lauren Schmalz, Administrator
P.O. Box 985, Travelers Rest, SC 29690
Tel: (1) 864 610 2129
usa@parrots.org

CANADA

Michelle Kooistra, Administrator
4377 Gordon Dr., Kelowna, BC V1W1S7
Tel: (1) 250 766 7828
canada@parrots.org

ADDITIONAL BRANCHES

- Africa: Rowan Martin africa@parrots.org
- Australia: Nicholas Bishop australia@parrots.org
- Benelux: Ruud Vonk benelux@parrots.org
- Belgium: Ronald Coens belgium@parrots.org
- Brazil: André Saidenberg brazil@parrots.org
- India: Avin Deen india@parrots.org
- Indonesia: Oka Dwi Prihatmoko indonesia@parrots.org
- Italy: Cristiana Senni csenni@parrots.org
- Japan: TSUBASA japan@parrots.org
- Netherlands: Ria Vonk netherlands@parrots.org
- Peru/Spain/Central America: Rosa Elena Zagarra centralamerica@parrots.org
- Sweden: Maria Rogstadius sweden@parrots.org

PARROTS IN THE WILD:

Ringneck Parakeet (*Psittacula krameri*)

The Ringneck Parakeet has the widest distribution of any parrot species, occurring in Africa, India, Pakistan, Nepal, Burma and Sri Lanka, and expanding their range into Europe through naturalisation. The birds can be seen in flocks of several thousand at a time, often with crows, Common Mynas and other parrots.

Photo © **CreativeBin** (CC BY 2.0)

