

Dr. Janice Boyd, AFA Conservation and Research Committee
 Dr. David Waugh, Loro Parque Fundación Director

BRAZILIAN RED-BROWED AMAZON BREEDING PROGRAM

The Red-browed Amazon (*Amazona rhodocorytha*) is endemic to the Atlantic forest of eastern Brazil and is one of the most endangered mainland Amazons. It is threatened by habitat destruction and fragmentation, as well as by the removal of young from the nests for illegal trade as pets. Less than 10 percent of the original habitat remains, and the wild population could be as low as 845 birds and continues to decline.

The Institute for Research and Nature Conservation (Instituto de Pesquisa e Conservação da Natureza—Idéia Ambiental) of Curitiba, Brazil, is conducting a project for the conservation of the species in the wild and, as an insurance policy, in 2006 also began a parallel project to establish a captive breeding program in Brazil.

In 2005, Loro Parque Fundación with help from one of AFA's Avian Research Grants provided a grant to the Brazilian Institute of Research and Nature Conservation (Idéia Ambiental) for the project "Establishment of a Breeding and Research Center for the Red-browed Amazon (*Amazona rhodocorytha*) at the Curitiba Zoo in Paraná state, Brazil."

In 2006 the breeding center was constructed on land owned by the Curitiba City Zoo. The scientific breeding center allows a genetically viable population of the species to be maintained in captivity, allows for exchange of information with other breeders, and can be used for possible re-introduction of birds back to the wild. Louri Klemann Jr. of Idéia Ambiental leads the project, which also benefits from the advice of Pedro Scherer-Neto of the Curitiba Natural History Museum (Museu de História Natural Capão da Imbuia).

Klemann established the initial captive population with 21 birds that had been confiscated by the Brazilian authorities and were transferred from their facility at CEREIAS to the new center by IBAMA (Brazilian Institute of Environment and Natural Resources). Following quarantine and gender determination, these birds were placed in a large flocking aviary to choose their own mates, creating at least seven pairs for breeding. The pairs were then transferred to the breeding aviaries.

The Red-browed Amazon is not easily induced to breed in captivity, and to date few breeders can



PHOTO BY LOURI KLEMMAN JR.

A pair of Red-browed Amazons (*A.rhodocorytha*) in the breeding center



Map of Brazil with former extent of the Atlantic Forest indicated. Only about 10 percent of the original forest remains undisturbed.

report breeding successes. Therefore, two breeding seasons have been required for the birds in the Curitiba center to reach maturity and to feel comfortable with their surroundings.

In 2009 the first pair to breed is currently rearing three healthy chicks, which it fiercely defends. A close observation is being maintained of the other pairs for signs that they might also soon breed successfully.

Digitizing Watchbird

We now have all previous issues of *Watchbird*, including issues that are out of print!



Each issue contains optical character recognition that allows for sorting by key words, as well as language translation. Digitization of these articles helps to preserve the history of the AFA and the history of aviculture since the start of *Watchbird* in 1974.



For more information, go to www.afawatchbird.com.
The American Federation of Aviculture Inc. is a 501(c)3 educational organization.

While authors and photographers grant AFA publishing rights when they submit their articles and pictures for publication in *Watchbird*, as an additional courtesy we are attempting to contact all contributors to secure their authorization to digitize and republish their articles and photographs.

If you have contributed articles and/or photographs that have been published in *Watchbird*, or if you know of anyone who has, please contact the author or photographer immediately and have them contact Mary Ellen LePage at mail@birds2pet.com.

2010 AFA Convention speakers include

Daniel Almaguer

- Victoria Crowned Pigeons (*Goura victoria*)

Johanna "Jeleen" Briscoe, DVM, DABVP (Avian)

- The Animal Welfare Act and Birds: An Update

Josee Bermingham (sponsored by Hagen Avicultural Research Institute)

- Seizing the Moment at the "Fledgling Age"; and Troubleshooting Infertility Through Individual Breeding Pair Assessment

Jenifer Chatfield, DVM

- Zoonotic Influenzas: Is the Sky Falling?

Jason Crean

- Tea for 'Toos—and Other Birds, Too!

Michael Dalton

- Beyond "Polly Wants a Cracker"

Caroline Efstathion

- Preventing Bacterial Infections in Aviary Birds

Walt Frey, Ph.D.

- Keeping Parrots Outdoors in Colder Climates

Benny J. Gallaway, Ph.D.

- The Blue and Gold Macaw

Lara Joseph

- Empowerment, Choice, Control, Complexities and Their Effects on our Birds' Behavior

LoraKim Joyner, DVM

- Psittacine Chick and Nest Assessment in Central Am.

Lawrence E. Killmar, Ph.D.

- Shoebill Stork (*Balaeniceps rex*) First Hatching in North America at Lowry Park Zoo

Gabrielle Laurent (sponsored by Hagen Avicultural Research Institute)

- Use of Clay in Aviculture

Denise Lacazette and Julie Corwin

- Living with the Big Four—PDD, PBFD, Polyoma and Psittacosis

Cassie Malina

- The Secret of Training Birds—Natural Encounters Inc.

Sandee Molenda

- Aviculture's Future—Our Challenges and How We Can Triumph

Jean Pattison

- Nest, Nursery and the New Home

Daniel Sigmon and Heidi Good, Ph.D.

- Replacing America's Parrot—The Quaker Parakeet in a Naturalized Setting

Roger G. Sweeney

- Ground Hornbills; and Techniques for Pairing and Mate Selection for Parrots

March 2010



Support the AFA!
Purchase a 2010 calendar today!

Contact the AFA office for a discount
when purchasing 10 or more.

phone: 512.858.9800 | e-mail: afaoffice@earthlink.net | www.afabirds.org



The Nature Chest Bird Shop

Bird Foods, Treats, Toys, Supplies
Designer Bird Cage Skirts
Gifts for People who Love Parrots



"Where the Smartest Parrots around Shop"

826 McGlathery Lane SE - Decatur, Alabama - 256-341-0484

www.CalypsoParrot.com - www.GourmetParrot.com

www.NatureChest.com

**PARROT FESTIVAL
COMES BUT ONCE A YEAR**

JANUARY 28-30, 2011



- ◆ Great Speakers
- ◆ Super Vendors
- ◆ Texas Sized Raffles

- ◆ Live Auctions
- ◆ Silent Auctions
- ◆ Much Much More

Join us in Houston, Texas in 2011

713-557-BIRD (2473)

Festivalinfo@ParrotFestival.com www.ParrotFestival.org

AFA 36th Annual Convention

August 4-7, 2010

Hilton St. Petersburg Bayfront • 333 1st St. S. • St. Petersburg, FL 33701 • 727.894.5000

Duplicate this form as necessary. Use only one form per person.



Date: _____ Member #: _____ e-mail: _____

Name: _____ Phone: () _____ Fax: () _____

Address: _____ City: _____ State: _____ ZIP: _____

Club Delegate or name of AFA office held: _____ Check here if you have special needs: _____

Do you need a CEU certificate? _____ If yes, from what state? _____

Qty	Description	AMOUNT	TOTAL
	Special registration for House of Delegates Includes Banquet: _____ Vegetarian _____ Nonvegetarian		
	Full registration (AFA Member) Includes Banquet: _____ Vegetarian _____ Nonvegetarian		
	Full registration (Nonmember) Includes Banquet: _____ Vegetarian _____ Nonvegetarian		
	Daily registration: _____ Thursday _____ Friday _____ Saturday		
	Wednesday off-site zoo trip		
	Extra banquet ticket _____ (enter quantity) _____ Vegetarian _____ Nonvegetarian		
	Conventions proceedings CD		
	T-shirt Enter quantity: _____ M _____ L _____ XL _____ XXL		
	Polo shirt Enter quantity: _____ M _____ L _____ XL _____ XXL		
	AFA Membership Membership level: _____		

Include check payable to AFA or provide credit card information below.

TOTAL: \$ _____

Name as it appears on card: _____

Credit card #: _____ (circle one) MC Visa AmEx V-code: _____

Expiration date: _____ Signature: _____

Registration

House of Delegates registration includes lectures, exhibits, specialty meetings, and a banquet ticket. One copy of Convention Proceedings is included if HOD meeting is attended. **Full registration includes** lectures, exhibits, specialty meetings, and a banquet ticket. **Daily registration includes** lectures, exhibits, and specialty meetings for a specific day only.

Refunds

Full refund if postmarked on or before June 18, 2010. 50 percent refund if postmarked on or before July 3, 2010. All refund requests must be in writing and mailed or e-mailed to the address below. **Early Bird registration MUST be postmarked by June 18, 2010.**

Hotel information

The Convention will be held at the Hilton Bayfront Hotel. Accommodations are NOT included in registration fees. Call 1-800-944-5500 for reservations. Mention AFA when making reservations to secure convention rates of \$95.00 per night for single/double/triple or quad.

All minors attending the Convention must be accompanied at all times by a registered adult participant. AFA is not responsible for minors who attend the Convention without proper adult supervision.	Early Bird Rates		Normal Rates	
	AFA Member	Non-member	AFA Member	Non-member
Special registration fee for House of Delegates	\$180.00		\$200.00	
Full registration	\$205.00	\$235.00	\$245.00	\$275.00
Daily registration (per day)			\$75.00	\$100.00
Wednesday off-site Lowry Park Zoo trip			\$45.00	
Extra banquet ticket (each), indicate (V)egitarian or (N)onvegetarian			\$50.00	
Convention Proceedings CD Pre-Convention: \$10 / At Convention: \$12				
T-shirts / Polo shirts, sizes M-XXL, to be picked up at the Convention: T-shirts: \$25 / Polo shirts: \$35				
If you are not yet a member, join now for full privileges! Individual: \$40 Family: \$45 Supporting: \$75 Commercial: \$125				

SEND COMPLETED FORM & PAYMENT TO: AFA Convention ★ P.O. Box 14923 ★ Humble, TX 77338

e-mail: ConventionCentral@abcbirds.com Telephone: 281.217.0614

Super 8 Raffle Prizes

Support the AFA and win one of these great prizes!

Drawing donations: \$2 per ticket, \$20 for 12 tickets. **Deadline:** Mail-in tickets must be received by the AFA by July 16, 2010, to be entered in the drawing. Onsite purchases and hand-carried tickets may be deposited at the Convention any time up to moment of drawing. AFA is a 501(c)3 educational organization. **For additional tickets, contact:** AFA, P.O. Box 91717 • Austin, TX 78709 • Tel: (512) 585-9800 • Fax: (512) 858-7029 • afaoffice@earthlink.net or visit us online at www.afabirds.org. Additional tickets may also be printed from the Web site.

Amazon Framed Print

donated by Gamini Ratnavira



Beautiful, framed 20" x 30" fine art print of Puerto Rican Amazon.

Belize Jungle Jaunt

donated by Carolyn and John Carr

Three days in beautiful Belize:

- Day 1—Arrival Transfer to Banana Bank (River Boat or River Tubing)
- Day 2—Xunantunich/ Jungle Horseback Adventure, Jungle Night Walk
- Day 3—Departure Transfer (optional stop at Belize Zoo or Old Belize—entry fee not included)

Winners are responsible for transportation and day trips. Includes lodging for two people. Go to www.bananabank.com for a complete description of the lodge.



\$1,000 Cash Card

donated by Dr. Christopher Chinnici and Charlie the African Grey

King Size Bed Quilt



donated by Ardith Raine and Pat Chinnici
Quilt is 96 in. x 110 in.



Pearl and Diamond Pendant

donated by Pat Chinnici
Appraised at

more than \$800.



\$400 King's Cages Gift Certificate

donated by King's Cages International
Free shipping upon purchase, within the continental United States.
www.kingscages.com.

Brinsea Mini Advance EX Incubator

donated by Brinsea



Hatching valuable eggs has never been easier. The new Brinsea Mini Advance EX offers total control of temperature, automatic humidity and programmable turning. You can manage all functions via a simple menu on the digital display. In normal operation the display shows incubation temperature, humidity and turning status. Opening the menu allows you to adjust temperature, humidity, high and low temperature alarms as well as automatic egg turning intervals and egg turning angle making it ideal for parrot species. \$350 value. www.Brinsea.com.

Avian Library Collection



donated by various individuals
Extensive collection of bird-related books.

Drawing is subject to any rules and regulations that may apply from state to state. Winners are responsible for payment of federal income tax on prizes won. Winners are responsible for payment of shipping charges related to claiming their prize unless

otherwise stated. The American Federation of Aviculture reserves the right to add or remove any prize from this list. AFA assumes no responsibility for any statement about prizes by anyone other than the drawing chairman.

2010 AFA Super 8 Raffle Ticket Payment Stub • American Federation of Aviculture, Inc. • PO Box 91717 • Austin, TX 78709 • (512) 585-9800 • www.AFABirds.org

Please indicate payment preferences and return to AFA with completed raffle tickets to the AFA Office. • Winners will be drawn on Saturday, August 7, 2010

Ticket Donations: Check or Money Order Credit Card

- 12 Tickets for \$20 make payable to AFA only accepted for charges or \$10 or more
 1 Ticket for \$2 Mastercard Visa American Express

Credit Card Number

Name on Card

Exp. Date

Signature

2010 AFA Super 8 Raffle Ticket

Check one • Your Choice!

- Name **Amazon Framed Print** donated by Gamiini Ratnavira **Pearl & Diamond Pendant** donated by Pat Chinnici
Address **Belize Retreat** donated by Carolyn & John Carr **\$400 Gift Card** donated by King's Cages
City, State, ZIP **\$1,000 Cash Card** donated by Christopher Chinnici **Brinsea Mini Advance EX Incubator** donated by Brinsea
Telephone **King-Size Bed Quilt** donated by Ardith Raine **Avian Library Collection** donated by various individuals

American Federation of Aviculture, Inc.

PO Box 91717 • Austin, TX 78709 • (512) 585-9800 • www.AFABirds.org
Drawing chairman reserves the right to add or remove any prize. Winners do not need to be present. Winners must claim prizes within 30 days after notification. Unclaimed or unwanted prizes will be sold with the proceeds going to AFA. Donations: 12 tickets for \$20 or 1 ticket for \$2. Void where prohibited by law.

2010 AFA Super 8 Raffle Ticket

Check one • Your Choice!

- Name **Amazon Framed Print** donated by Gamiini Ratnavira **Pearl & Diamond Pendant** donated by Pat Chinnici
Address **Belize Retreat** donated by Carolyn & John Carr **\$400 Gift Card** donated by King's Cages
City, State, ZIP **\$1,000 Cash Card** donated by Christopher Chinnici **Brinsea Mini Advance EX Incubator** donated by Brinsea
Telephone **King-Size Bed Quilt** donated by Ardith Raine **Avian Library Collection** donated by various individuals

American Federation of Aviculture, Inc.

PO Box 91717 • Austin, TX 78709 • (512) 585-9800 • www.AFABirds.org
Drawing chairman reserves the right to add or remove any prize. Winners do not need to be present. Winners must claim prizes within 30 days after notification. Unclaimed or unwanted prizes will be sold with the proceeds going to AFA. Donations: 12 tickets for \$20 or 1 ticket for \$2. Void where prohibited by law.

2010 AFA Super 8 Raffle Ticket

Check one • Your Choice!

- Name **Amazon Framed Print** donated by Gamiini Ratnavira **Pearl & Diamond Pendant** donated by Pat Chinnici
Address **Belize Retreat** donated by Carolyn & John Carr **\$400 Gift Card** donated by King's Cages
City, State, ZIP **\$1,000 Cash Card** donated by Christopher Chinnici **Brinsea Mini Advance EX Incubator** donated by Brinsea
Telephone **King-Size Bed Quilt** donated by Ardith Raine **Avian Library Collection** donated by various individuals

American Federation of Aviculture, Inc.

PO Box 91717 • Austin, TX 78709 • (512) 585-9800 • www.AFABirds.org
Drawing chairman reserves the right to add or remove any prize. Winners do not need to be present. Winners must claim prizes within 30 days after notification. Unclaimed or unwanted prizes will be sold with the proceeds going to AFA. Donations: 12 tickets for \$20 or 1 ticket for \$2. Void where prohibited by law.

2010 AFA Super 8 Raffle Ticket

Check one • Your Choice!

- Name **Amazon Framed Print** donated by Gamiini Ratnavira **Pearl & Diamond Pendant** donated by Pat Chinnici
Address **Belize Retreat** donated by Carolyn & John Carr **\$400 Gift Card** donated by King's Cages
City, State, ZIP **\$1,000 Cash Card** donated by Christopher Chinnici **Brinsea Mini Advance EX Incubator** donated by Brinsea
Telephone **King-Size Bed Quilt** donated by Ardith Raine **Avian Library Collection** donated by various individuals

American Federation of Aviculture, Inc.

PO Box 91717 • Austin, TX 78709 • (512) 585-9800 • www.AFABirds.org
Drawing chairman reserves the right to add or remove any prize. Winners do not need to be present. Winners must claim prizes within 30 days after notification. Unclaimed or unwanted prizes will be sold with the proceeds going to AFA. Donations: 12 tickets for \$20 or 1 ticket for \$2. Void where prohibited by law.

2010 AFA Super 8 Raffle Ticket

Check one • Your Choice!

- Name **Amazon Framed Print** donated by Gamiini Ratnavira **Pearl & Diamond Pendant** donated by Pat Chinnici
Address **Belize Retreat** donated by Carolyn & John Carr **\$400 Gift Card** donated by King's Cages
City, State, ZIP **\$1,000 Cash Card** donated by Christopher Chinnici **Brinsea Mini Advance EX Incubator** donated by Brinsea
Telephone **King-Size Bed Quilt** donated by Ardith Raine **Avian Library Collection** donated by various individuals

American Federation of Aviculture, Inc.

PO Box 91717 • Austin, TX 78709 • (512) 585-9800 • www.AFABirds.org
Drawing chairman reserves the right to add or remove any prize. Winners do not need to be present. Winners must claim prizes within 30 days after notification. Unclaimed or unwanted prizes will be sold with the proceeds going to AFA. Donations: 12 tickets for \$20 or 1 ticket for \$2. Void where prohibited by law.

2010 AFA Super 8 Raffle Ticket

Check one • Your Choice!

- Name **Amazon Framed Print** donated by Gamiini Ratnavira **Pearl & Diamond Pendant** donated by Pat Chinnici
Address **Belize Retreat** donated by Carolyn & John Carr **\$400 Gift Card** donated by King's Cages
City, State, ZIP **\$1,000 Cash Card** donated by Christopher Chinnici **Brinsea Mini Advance EX Incubator** donated by Brinsea
Telephone **King-Size Bed Quilt** donated by Ardith Raine **Avian Library Collection** donated by various individuals

American Federation of Aviculture, Inc.

PO Box 91717 • Austin, TX 78709 • (512) 585-9800 • www.AFABirds.org
Drawing chairman reserves the right to add or remove any prize. Winners do not need to be present. Winners must claim prizes within 30 days after notification. Unclaimed or unwanted prizes will be sold with the proceeds going to AFA. Donations: 12 tickets for \$20 or 1 ticket for \$2. Void where prohibited by law.



**36th Annual
AFA Convention
August 4-7, 2010
St. Petersburg, Florida**

The Magic of Birds

**4 Exciting Days of Aviculture
Speakers • Vendors • Raffles
&
MAGIC**

Register online at www.afabirds.org

Join us at the beautiful Bayfront Hilton, 333 First Street South, St. Petersburg, Florida
Make your reservations online through the link on our convention page at www.afabirds.org
Or call the hotel direct: 1-727-894-5000 and ask for the special convention rate of \$95 per
night single or double

For more information: Jamie Whittaker - ConventionCentral@abcbirds.com
AFA Office: afaoffice@earthlink.net Telephone: 512-585-9800 fax 512-858-7029
PO Box 91717, Austin, TX 78709