

# CBSG NEWS



Vol 22 January 2011

## Doing more, doing it differently, doing it more successfully

People involved with CBSG, or any organization concerned with biodiversity, know that the biodiversity crisis is real and it is scary. Even before the revelations of the horrific impacts of chytrid fungus on amphibians, the prospect of other emergent diseases decimating wildlife, and the certainty that climate change will have many direct and indirect impacts that threaten species and ecosystems, it was known that species are being eliminated at an alarming rate, ecological communities are collapsing, and the environmental services that sustain life are being degraded. Most of the world's governments made a commitment in the Convention on Biodiversity Targets to stop the rapid extinction of species by 2010. However, the reviews conducted before the latest round of the CBD Convention of Parties showed that the rates of extinction for almost all taxonomic groups and in all regions of the world have accelerated, not diminished, since that commitment was made.

Many good and often successful conservation efforts have been undertaken, but as one participant in the CBSG Annual Meeting noted, "we need to do more of the same, and we need to do more of the different." That is, we need to do far more of what has been shown to be successful, but we also need new approaches to conservation for solving as yet unyielding and new

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problems. Our 2010 Annual Meeting in Cologne was an excellent example of doing more of the same, and doing more differently. The working groups revisited some themes that have been foci of our attention for several years – for example, advancing the Amphibian Ark, addressing climate change, and reviewing the IUCN guidelines on the use of ex situ populations for conservation – and we made further progress in each of these areas. We also explored several new issues, themes, and conservation methodologies – including assisted colonization, the Miradi tools for conservation planning, use of virtual participation in the meeting, and planning a Species Conservation Congress. These discussions all benefitted from both the talents and experience of many old friends (long-time participants in the CBSG) and the expertise of colleagues who were new to CBSG (including as Markus Gusset of WAZA, Amielle DeWan of Defenders of Wildlife, B.S. Bonal of the Central Zoo Authority of India, Phil McGowan of the World Pheasant Association, Dave Mallon of the Antelope Specialist Group, and many others).

We need the involvement of many people, with much talent, diverse experience, and many new ideas to achieve success in reducing the rate of loss of biodiversity. CBSG is extremely fortunate to have many members and partners that are able and willing to work creatively and hard for species. We still need to do yet more, and more differently, for conservation, and we will do so in our ongoing work throughout 2011. We look forward to our next exciting annual meeting in Prague, at which we will hear reports of our successes and plan our further initiatives.

Sincerely,

*Robert Lacy*

Robert Lacy, Chair





# Working Group Summaries

## Assisting Zoos in Animal Welfare Working Group

### Participants

Session One: Bob Cook, Kristin Leus, Phil McGowan, Gordon McGregor Reid, Dave Morgan, Gloria Svampa, Kathy Taylor-Holzer, Sally Walker, Chris West, Dan Wharton

Session Two: Bryan Carroll, Andrea Fidgett, Georgina Groves, Lydia Kolter, Dave Morgan, Clifford Nxomani, Jackie Ogden, Theo Pagel, Saman Semanayake, Sally Walker

### Background

Conservation is sometimes considered antithetical to animal welfare. However, it is an important concern for the zoo community and for field biologists. This group discussed creating standards for welfare in conservation work, and how CBSG can help the conservation community improve.

### Action Points in Priority Order

- Define why CBSG should be involved - what our niche is (e.g., our role as a science-based organization).
- Engage with conservation NGOs and animal welfare community to understand what work is going on and where the gaps are.
- Define contexts where welfare and conservation really intersect - where the impact of welfare in conservation lies (reintroduction, culling, moderate management-mountain gorillas receiving vet care).
- IUCN statement on conservation welfare.
- Address cultural differences in welfare - science, regulatory/legal, and society/public opinion.



To read the full working group presentation, visit:

[http://www.cbsg.org/cbsg/content/files/2010\\_Ann\\_Mtg\\_Newsletter/welfare.pdf](http://www.cbsg.org/cbsg/content/files/2010_Ann_Mtg_Newsletter/welfare.pdf)

## Public Education to Bring About Behavioral Change Working Group

### Background

The central mission of CBSG is 'We save threatened species by increasing the effectiveness of conservation world-wide'. A sub-mission that fell out of this is: we create and disseminate innovative and interdisciplinary science based tools and methodologies. CBSG wanted to know if it was necessary to set up a permanent working group on this topic, which was the main purpose of this group's discussions.

### Key Actions

- CBSG needs to be aware and alerted to ensure that there are always education outputs from various workshops, i.e., integrate this as a process in every workshop.
- It is important to engage children and young people and to use the expertise of those who know how to do this. This expertise should be incorporated from the zoo world, and other organizations, and also by sharing expertise between regional organizations, i.e., ensure processes also take this aspect into account.
- To aid this further a stronger link between IZE and the regional education associations should be found
- Link regional CBSG groups sharing processes and tools that result in educational outcomes.

To read the full working group report, visit:

[http://www.cbsg.org/cbsg/content/files/2010\\_Ann\\_Mtg\\_Newsletter/education.pdf](http://www.cbsg.org/cbsg/content/files/2010_Ann_Mtg_Newsletter/education.pdf)

# Working Group Summaries

## Species Conservation Tools Working Group

### Participants

Onnie Byers, Amielle DeWan, Pavla Hejcmanová, Caroline Lees (participated remotely from Australia), David Mal-lon, Philip McGowan, Phil Miller, Claire Mirande, Sanjay Molur, Kristin Leus, Mark Stanley Price, Kathy Traylor-Hol-zer, Jonathan Wilcken

### Background

This working group was developed to expose participants to the draft Conservation Planning Tools Table and to provide training in web-based workshop preparation, Miradi, and structured decision-making.

### Follow-Up and Next Steps

A number of additional activities were identified to continue work on the conservation planning toolkit as well as the cross-fertilization of the Open Standards/ CBSG/and SSC planning approaches. These include:

- Follow up with planning toolkit members to refine definitions.
- Refine selection categories to be more discerning among tools.
- Refine planning language crosswalk. Reach out to SSC planning committee members to clarify details.
- Defenders attend PVA/PHVA.
- CBSG attend Open Standards training.
- Defenders provide Miradi webinar and training for those who were interested.



To read the full working group report, visit:

[http://www.cbsg.org/cbsg/content/files/2010\\_Ann\\_Mtg\\_Newsletter/scp\\_tools.pdf](http://www.cbsg.org/cbsg/content/files/2010_Ann_Mtg_Newsletter/scp_tools.pdf)

## Species Conservation Congress Working Group

### Participants

Jon Ballou, Jeffrey Bonner, Paul Boyle, Bryan Carroll, Bob Cook, John Corder, Danny DeMan, Gerald Dick, Lesley Dickie, Nate Flesness, Jo Gipps, Jenny Gray, Biswajit Guha, Markus Gusset, Heribert Hofer, Bengt Holst, Mike Jordan, Dennis Kelly, Eric Miller, Dave Morgan, Clifford Nxomani, Jackie Ogden, Theo Pagel, Alex Reubel, Mark Stanley Price, Gloria Svampa, Kevin Zippel

The group reviewed in detail the IUCN resolution to consider a Species Congress, and initiated a discussion of some of the broader aspects of a Species Congress.

### Final Recommendations

The working group concluded that a World Species Congress is a critically important endeavor. We strongly recommend that the Species Survival Commission endorse and facilitate this Congress. We feel that, with the support and guidance of the SSC, the Congress can maximize participation and lend the Congress maximal legitimacy. We further suggest that the SSC set up a sub-committee to help organize and promote the Congress, as we do not feel that any one Specialist Group has the mandate or wherewithal to accomplish such a far-reaching effort and, further, that using a sub-committee would result in maximizing participation of all the various specialist groups. The working group recommendations were presented at the WAZA Council meeting for their endorsement and approval.

To read the full working group report, visit:

[http://www.cbsg.org/cbsg/content/files/2010\\_Ann\\_Mtg\\_Newsletter/conservation\\_congress\\_wg.pdf](http://www.cbsg.org/cbsg/content/files/2010_Ann_Mtg_Newsletter/conservation_congress_wg.pdf)

# Working Group Summaries

## IUCN *Ex situ* Guidelines Review Working Group

### Participants

B.S. Bonal, John Corder, Lesley Dickie, Pavla Hejzmanova, Uraw Jaudt, Mike Jordan, Lydia Kolter, Antoinette Kotze, Kristin Leus, Aurelio Malo, Mike Maunder, Phil McGowan, David Morgan, Kanako Nishimoto, Frank Rietkerk, Christian Schmidt, Lee Simmons, Christoph Schwitzer, Geer Scheres, Yasumasa Tomita, Kathy Traylor-Holzer, William van Lint, Jan Vermeer, Dan Wharton, Waltraut Zimmerman, Kevin Zippel

The current IUCN Technical Guidelines on the Management of *Ex Situ* Populations for Conservation do not provide sufficient clear guidance on IF and WHEN *ex situ* activities are a beneficial component of an overall conservation strategy for a taxon and, in some cases, can even lead to contradictory interpretations. This working group began the process of revising these guidelines by outlining suggested steps in a more formal, informed, and transparent decision-making process to guide the evaluation of whether individuals should be taken from the wild for the purpose of supporting species conservation. These steps include a status review, definition of purpose and structure of any *ex situ* program, and feasibility/risk assessment. An initial list of relevant factors or characteristics to consider in this process was identified for each of these steps. Immediately following the CBSG annual meeting, a formal proposal for revision of the guidelines was submitted to the IUCN SSC's Steering Committee and has been approved. Guidelines revision will proceed in early 2011.



To read the full working group report, visit:  
[http://www.cbsg.org/cbsg/content/files/2010\\_Ann\\_Mtg\\_Newsletter/iucn\\_technical\\_guidelines.pdf](http://www.cbsg.org/cbsg/content/files/2010_Ann_Mtg_Newsletter/iucn_technical_guidelines.pdf)

## Climate Change & Assisted Colonization Working Group

### Participants

Anne Baker, Evan Blumer, Jeffrey Bonner, Paul Boyle, Uiriau Braudt, Onnie Byers, Suzanne Bordman, Amy Camacho, Frands Carlsen, Bryan Carroll, Dalia Conde, Bob Cook, John Corder, Arnaud Dezbiez, Amielle DeWan, Gerald Dick, Andrea Fidgett, Fiona Fiskin, Jo Gipps, Jenny Gray, Georgina Groves, Ulie Jlaeiena, Mike Jordan, David Mallon, Sanjay Molur, Alistair MacDonald, Phil Miller, Mark Stanley Price, Gordon McGregor Reid, Clifford Nxomani, Jackie Ogden, Paul Pearce-Kelly, Ivan Rehak, Miranda Stevenson, Gloria Svampa, Sally Walker

This working group continues the work done in 2008 and 2009 at CBSG Annual Meetings. In this group, there was discussion of Assisted Colonization, the human-mediated movement of plants or animals into areas of habitat that are outside current or inferred historic range for the conservation purposes of either establishing viable species populations(s) in the face of extinction prospects across the entire current range, and/or the creation of a needed ecosystem function.

To read the full working group report, visit:  
[http://www.cbsg.org/cbsg/content/files/2010\\_Ann\\_Mtg\\_Newsletter/climate\\_change\\_wg.pdf](http://www.cbsg.org/cbsg/content/files/2010_Ann_Mtg_Newsletter/climate_change_wg.pdf)



# Working Group Summaries

## Drafting a Vision for Intensively Managed Populations Working Group

### Participants

Brad Andrews, Anne Baker, Jonathan Ballou, Paul Boyle, Dalia Conde, Robert Cook, Danny de Man, Nate Flesness, Lewis Green, Markus Gusset, Bengt Holst, Hidemasa Hori, Dennis Kelly, Robert Lacy, Arne Lawrenz, Claire Mirande, Biswajit Guha, Theo Pagel, Alex Rbel, Karin Schwartz, Dan Wharton, Jonathan Wilcken

### Background

Intensively Managed Populations (IMPs) are those populations (or individuals thereof) that are reliant on human intervention for survival of that population (or individuals thereof). This group developed a draft vision statement (below) for IMPs, and set goals for a meeting on IMPs that was subsequently held in December 2010.

*Intensive population management as part of an integrated and holistic conservation plan results in species living within healthy ecosystems in evolving communities.*

The group also created the following statement, which can be used as a preamble to help set the framework for the IMP (*ex situ*) guidelines.

To preserve biodiversity, the global conservation community commits to providing the level of intervention necessary to prevent the extinction of species. Intensive population management (including, but not limited to management within zoos and aquariums, botanic gardens, other propagation centers, closely managed reserves, and genome banks) is effective when integrated with other conservation measures within an overall species conservation strategy that fully addresses the threats to the species, using the best available science, technology, and practices. We work toward a world in which all species can live within healthy ecosystems as part of evolving communities, without the need for continued human intervention.



To read the full working group report, visit:

[http://www.cbsg.org/cbsg/content/files/2010\\_Ann\\_Mtg\\_Newsletter/imp\\_wg.pdf](http://www.cbsg.org/cbsg/content/files/2010_Ann_Mtg_Newsletter/imp_wg.pdf)

# CBSG Network News

## CBSG Australasia

### Recent Workshops

- Facilitation Training Course
- Scimitar-horned Oryx Reintroduction Planning
- Mountain Bongo PHVA

The CBSG Australasia network was launched at the 2008 CBSG Annual Meeting, and has since begun conducting workshops in the region as well as assisting in workshops in other regions.

CBSG Australasia is leading efforts to update the Disease Risk Assessment (DRA) Manual, originally published in 2002. An international workshop, hosted by CBSG Australasia and the Auckland Zoo, is planned for April 2011, to begin the process of collaboratively revising the current DRA Manual in collaboration with end-users and subject experts. The aim is to create an updated wildlife DRA resource based on best available science and technology that serves the needs of the global wildlife conservation community and is the centerpiece of a global training program for wildlife conservation professionals.

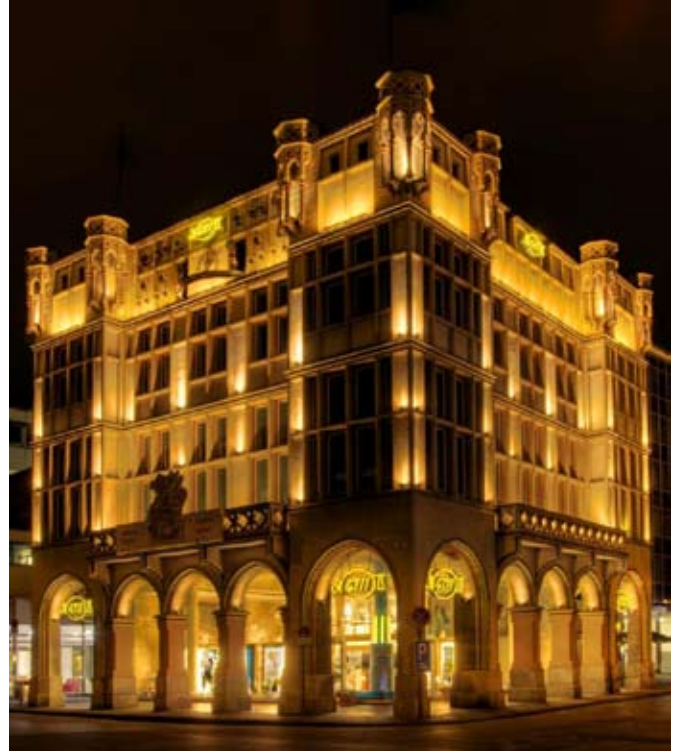
For a more detailed update on CBSG Australasia activities, visit:

[http://www.cbsg.org/cbsg/content/files/2010\\_Ann\\_Mtg\\_Newsletter/australasia.pdf](http://www.cbsg.org/cbsg/content/files/2010_Ann_Mtg_Newsletter/australasia.pdf)

## CBSG Brasil

### Recent Workshop

- Action Plan for the Conservation of Threatened Species of Freshwater Fish and Turtles of the Southern Paraiba River Basin



One of the most exciting aspects of the Paraiba River workshop was the wide diversity of stakeholders (43 participants from 22 different institutions) that were present. Participants had very diverse backgrounds and included government and nongovernmental representatives, researchers, fishermen, representatives from hydroelectric companies, community groups and many more. Discussions were very interesting and the workshop enabled participants to exchange knowledge, experience and establish new partnerships.

Some of the actions recommended during the workshop are already being implemented. A new partnership between a professor from a museum in Rio and staff from CEPTA has been created as a result of the workshop. Less than a month after the workshop, an expedition to inventory the fish species in the upper Paraiba region was run by this new partnership. The action plan will be reviewed annually and progress carefully monitored.

For a more detailed update on CBSG Brasil activities, visit:

[http://www.cbsg.org/cbsg/content/files/2010\\_Ann\\_Mtg\\_Newsletter/brasil.pdf](http://www.cbsg.org/cbsg/content/files/2010_Ann_Mtg_Newsletter/brasil.pdf)

# CBSG Network News

## CBSG Europe

### Recent Workshops

- Red Panda PHVA
- Facilitation Training Course for EAZA Staff

During the past year CBSG Europe has worked closely with EAZA, CBSG South Asia and other CBSG staff in preparing workshops within and outside Europe, and has worked with EAZA and Kew Gardens to consult on a strategic plan for *ex situ* conservation programs for European species. The network's tasks include providing input on global and regional *ex situ* conservation actions, and the need for strategic approaches and planning for additional *ex situ* programs within the European Union.

CBSG Europe staff have also assisted in leading workshops in other regions, conducted training sessions, and are actively participating in planning future workshops, such as a Chimpanzee PHVA for Sierra Leone.

For a more detailed update on CBSG Europe activities, visit: [http://www.cbsg.org/cbsg/content/files/2010\\_Ann\\_Mtg\\_Newsletter/europe.pdf](http://www.cbsg.org/cbsg/content/files/2010_Ann_Mtg_Newsletter/europe.pdf)

## CBSG Mesoamerica

### Recent Workshops

- Vortex Training Course
- Review of Costa Rican Amphibians on the IUCN Red List

CBSG Mesoamerica continued its work in amphibian conservation by facilitating a workshop to re-evaluate the status of Costa Rican amphibians on the IUCN Red List, and evaluate the goals of the Costa Rican Amphibian Conservation Strategy in light of the status of those species. The group focused on evaluating 81 species, and changed the status of 51 of them. Participants evaluated the progress of the Costa Rican Amphibian Conservation Strategy and committed to completing the remaining actions.

Additional workshops are planned and funding is being sought for work on Costa Rican crocodiles, Cuban cranes, and humpback whales.

For a more detailed update on CBSG Mesoamerica activities, visit: [http://www.cbsg.org/cbsg/content/files/2010\\_Ann\\_Mtg\\_Newsletter/mesoamerica.pdf](http://www.cbsg.org/cbsg/content/files/2010_Ann_Mtg_Newsletter/mesoamerica.pdf)





# CBSG Network News

## CBSG South Asia

### Recent Workshops

- Red Panda PHVA
- Training for Kabul Zoo Staff
- Eastern Himalayas & Western Ghats Freshwater Biodiversity Assessments

CBSG South Asia has continued to spread its message of conservation through education throughout the region, as well as conducting assessments and planning workshops for many native species. Red pandas, Theraphosid spiders, and many species in the Western Ghats region have been focused on in recent months. CBSG South Asia has also worked to provide training for zoo staff, and strengthen regional taxon-based networks such as those for primates and invertebrates in South Asia.

The red panda PHVA workshop was organized by the Government of Nepal, Department of National Parks and Wildlife, Department of Forest, the NTNC, CBSG South Asia and WWF, and facilitated by a joint team of CBSG South Asia and CBSG Europe. Funding was provided by WWF Germany, Rotterdam Zoo and members of the European Association of Zoos and Aquariums (EAZA). This was one of the first PHVAs to incorporate the visioning component of the IUCN/SSC Species Conservation Strategy approach. The 60 delegates, including representatives of three range countries – Nepal, Bhutan and India – envisioned a future for Red Pandas in Nepal of: “Secure, viable populations distributed in contiguous natural habitat throughout the Himalaya regardless of national boundaries where this flagship species brings benefits to the region and is valued and protected by all stakeholders”.

For a more detailed update on CBSG South Asia activities, visit:  
[http://www.cbsg.org/cbsg/content/files/2010\\_Ann\\_Mtg\\_Newsletter/south\\_asia.pdf](http://www.cbsg.org/cbsg/content/files/2010_Ann_Mtg_Newsletter/south_asia.pdf)

## CBSG Southern Africa

CBSG Southern Africa has continued to work with local partners and the Endangered Wildlife Trust to preserve species in the region. They are also developing a global species database, with the goal of providing an online CAMP database for all regional networks to utilize. This database will allow expert taxon groups around the world to input data and view the data provided by other groups, making important data available to researchers everywhere.

Future planned workshops include PHVAs for African lions and East African grey-crowned cranes, as well as a re-assessment of the Red Data List for mammals of South Africa.

For a more detailed update on CBSG Southern Africa activities, visit:  
[http://www.cbsg.org/cbsg/content/files/2010\\_Ann\\_Mtg\\_Newsletter/southern\\_africa.pdf](http://www.cbsg.org/cbsg/content/files/2010_Ann_Mtg_Newsletter/southern_africa.pdf)



# 2010 CBSG Annual Meeting Participants

## **African Safari**

Amy Camacho

## **Al Ain Wildlife Park and Resort**

Mike Maunder

## **Amphibian Ark**

Kevin Zippel

## **Apneheul Primate Park**

Frank Rietkerk

## **Auckland Zoo**

Jonathan Wilcken

## **Association of Zoos and Aquariums**

Paul Boyle

## **British and Irish Association of Zoos and Aquariums**

Georgina Groves

Miranda Stevenson

## **Bristol Zoo Gardens**

Bryan Carroll

Jo Gipps

Christoph Schwitzer

## **CBSG**

Onnie Byers

Robert Lacy

Philip Miller

Kathy Traylor-Holzer

## **IUCN/SSC Antelope Specialist Group**

David Mallon

## **Central Zoo Authority**

Bishan Singh Bonal

## **Chester Zoo**

Andrea Fidgett

Gordon McGregor Reid

## **Chicago Zoological Society**

Karin Schwartz

Dan Wharton

## **Columbus Zoo and Aquarium**

Lewis Greene

## **Conservatoire pour la Protection des Primates**

Jan Vermeer

## **Copenhagen Zoo**

Frands Carlsen

Bengt Holst

Kristin Leus

## **Czech University of Life Sciences**

Pavla Hejzmanová

## **Defenders of Wildlife**

Amielle DeWan

## **Disney's Animal Kingdom**

Jackie Ogden

## **Endangered Wildlife Trust**

Mike Jordan

## **European Association of Zoos and Aquaria**

Danny De Man

Lesley Dickie

William Van Lint

## **Imperial College**

Aurelio Malo

## **International Crane Foundation**

Claire Mirande

## **International Species Information System**

Nate Flesness

## **Italian Association of Zoos and Aquaria**

Gloria Svampa

## **Japanese Association of Zoos and Aquaria**

Kanako Nishimoto

## **Kamogawa Sea World**

Kazutoshi Arai

## **Kölner Zoo**

Olaf Behlert

Lydia Kolter

Bernd Marcordes

Theo Pagel

Alexander Sliwa

Thomas Ziegler

Waltraut Zimmerman

## **Leibnitz-Institut for Zoo & Wildlife Research**

Heribert Hofer

Miriam Brandt

## **Max Planck Institute**

Dalia Conde

## **National Zoological Gardens of South Africa**

Antoinette Kotze

Clifford Nxomani

## **Nordens Ark**

Lena Linden

## **Ocean Park**

Suzanne Gendron

## **Omaha Zoo Foundation**

Lee Simmons

## **PAAZAB**

Dave Morgan

## **Perth Zoo**

Susan Hunt

## **Prague Zoo**

Ivan Rehak

## **Provincial Environment Authority of the North Western Province, Sri Lanka**

Saman Senanayake

## **Royal Zoological Society of Scotland**

Arnaud Desbiez

## **Saint Louis Zoo**

Jeffrey Bonner

Eric Miller

## **San Diego Zoo**

Robert Wiese

## **SeaWorld Parks & Entertainment, Inc.**

Brad Andrews

## **Seoul Zoo**

Bosook Kim

## **Smithsonian National Zoological Park**

Jonathan Ballou

Dennis Kelly

## **Toledo Zoo**

Anne Baker

## **University of Edinburgh**

Alastair MacDonald

## **The Wilds**

Evan Blumer

## **Tokyo Zoological Park Society**

Hidemasa Hori

Teruyuki Komiya

Yasumasa Tomita

## **Twycross Zoo**

Suzanne Boardman

## **WAZA**

Gerald Dick

Markus Gusset

## **Weltvogelpark Walsrode**

Geer Scheres

## **University of Oxford**

Mark Stanley Price

## **Wildlife Conservation Society**

Robert Cook

## **Wildlife Reserves Singapore**

Biswajit Guha

## **World Pheasant Association**

Philip McGowan

John Corder

## **Zoo Dvur Kralouve**

Pavel Moucha

## **Zoo Frankfurt**

Christian Schmidt

## **Zoo Osnabrück**

Ute Magiera

## **Zoo Outreach Organisation**

Sanjay Molur

Sally Walker

## **Zoos South Australia**

Chris West

## **Zoo Wuppertal**

Arne Lawrenz

## **Zoo Zürich**

Alex Rübel

## **Zoological Park Organization Bangkok, Thailand**

Boripat Siriaronrat

## **Zoological Society of London**

Fiona Fisker

Paul Pearce-Kelly

## **Zoos Victoria**

Jenny Gray

Uriau Braudt

Uraw Jaudt

Ulie Jlaeiena

# CBSG Donors

## \$50,000 and above



## \$20,000 and above



## \$15,000 and above



## \$10,000 and above

Nan Schaffer  
San Diego Zoo

## \$5,000 and above

Al Ain Wildlife Park & Resort  
British and Irish Association of Zoos and  
Aquariums  
Chester Zoo  
Cleveland Metroparks Zoo  
Evenson Design Group  
Linda Malek  
Toledo Zoo

## \$2,000 and above

Albuquerque Biological Park  
Allwetterzoo Münster  
Auckland Zoological Park  
Bristol Zoo Gardens  
Copenhagen Zoo  
Dallas Zoo  
Dickerson Park Zoo  
Gladys Porter Zoo  
Japanese Association of Zoos and  
Aquariums  
Marwell Wildlife  
Milwaukee County Zoo  
North Carolina Zoological Park  
Paignton Zoo  
Phoenix Zoo  
Royal Zoological Society of Antwerp  
Schönbrunner Tiergarten — Zoo Vienna  
Sedgwick County Zoo  
Taronga Conservation Society Australia  
Wassenaar Wildlife Breeding Centre  
Wilhelma Zoo  
Zoo and Aquarium Association  
Zoo Zürich  
Zoologischer Garten Köln

## \$1,000 and above

Aalborg Zoo  
Akron Zoological Park  
Audubon Zoo  
Calgary Zoological Society  
Central Zoo Authority, India  
Colchester Zoo  
Conservatoire pour la Protection des  
Primates  
Cotswold Wildlife Park  
Detroit Zoological Society  
Everland Zoological Gardens  
Fort Wayne Children's Zoo  
Fota Wildlife Park  
Hong Kong Zoological and  
Botanical Gardens  
Kansas City Zoo  
Laurie Bingaman Lackey  
Los Angeles Zoo  
Nordens Ark  
Ocean Park Conservation Foundation  
Palm Beach Zoo at Dreher Park  
Parco Natura Viva — Garda Zoological Park  
Perth Zoo  
Philadelphia Zoo  
Pittsburgh Zoo & PPG Aquarium  
Point Defiance Zoo & Aquarium  
Prudence P. Perry  
Ringling Bros., Barnum & Bailey  
Rotterdam Zoo  
Royal Zoological Society Scotland  
— Edinburgh Zoo  
Saitama Children's Zoo  
San Antonio Zoo  
Seoul Zoo  
Swedish Association of Zoological Parks  
& Aquaria  
Taipei Zoo  
The Living Desert

Thrigby Hall Wildlife Gardens  
Twycross Zoo  
Union of German Zoo Directors  
Woodland Park Zoo  
Zoo Frankfurt  
Zoo Madrid—Parques Reunidos  
Zoological Society of Wales — Welsh  
Mountain Zoo  
Zoologischer Garten Rostock  
Zoos South Australia

## \$500 and above

Banham Zoo  
Cincinnati Zoo & Botanical Garden  
Edward & Marie Plotka  
Friends of the Rosamond Gifford Zoo  
Givskud Zoo  
Jacksonville Zoo & Gardens  
Katey & Mike Pelican  
Kerzner International North  
America, Inc.  
Knuthenborg Park & Safari  
Lisbon Zoo  
Little Rock Zoo  
Odense Zoo  
Oregon Zoo  
Ouwehands Dierenpark  
Riverbanks Zoological Park & Garden  
Wellington Zoo  
Wildlife World Zoo  
Zoo de la Palmyre

## \$250 and above

Alice Springs Desert Park  
Apenheul Zoo  
Arizona-Sonora Desert Museum  
Bramble Park Zoo  
Brandywine Zoo  
David Traylor Zoo of Emporia  
Ed Asper

International Centre for Birds of Prey  
Lee Richardson Zoo  
Lincoln Park Zoo  
Mark Barone  
Mohawk Fine Papers  
Racine Zoological Gardens  
Roger Williams Park Zoo  
Rolling Hills Wildlife Adventure  
Sacramento Zoo  
Tautphaus Park Zoo  
Tokyo Zoological Park Society  
Topeka Zoological Park

## \$100 and above

African Safari — France  
Aquarium of the Bay  
Chahinkapa Zoo  
Darmstadt Zoo  
Elaine Douglass  
Lion Country Safari, Inc.  
Miami Metrozoo  
Safari de Peaugres  
Steinhart Aquarium  
Steven J. Olson  
Touroparc — France

## \$50 and above

Alameda Park Zoo  
Miller Park Zoo  
Vicki Scheunemann  
Stiftung Natur-und Artenschutz in den  
Tropen

## \$25 and above

JE Schwolow



## 2010 Ulysses S. Seal Award

Presented to Gordon McGregor Reid by CBSG Chairman Robert Lacy

The Ulysses S. Seal Award for Innovation in Conservation is given each year by the Conservation Breeding Specialist Group, but it is regarded very highly not only by CBSG but also by the entire zoo and aquarium community, and by the IUCN Species Survival Commission. Dr. Ulysses S. Seal was the first Chairman of the CBSG, serving from 1979 to 2003. His great passion and talent was his creative thinking about how new science could be most effectively applied to solving the problems of wildlife conservation. His contributions were amplified many times over by his further ability to recognize, encourage, and utilize others who also were making such innovative contributions.

Ulie Seal contributed to conservation in many ways, and it is interesting and inspiring to see the diverse ways that the small cohort of past award recipients helped to achieve conservation. Previous recipients include researchers who have applied their considerable scientific

expertise to the needs of conservation – such notable scientists as Georgina Mace and Jon Ballou. Georgina Mace also contributed immeasurably to the work of the IUCN. Nate Flesness has made his contributions through being an organizational leader who brought the zoo community together around data to serve conservation. Frances Westley stepped out of her academic environment to teach us struggling conservationists as well as her students. And the small cohort of prior recipients include some who have been effective champions of the often neglected species of small size but with huge impacts on ecosystems – advocates such as Paul Pearce-Kelly and Sally Walker. Last year's recipient, Lena Linden, was the first zoo director to receive the U.S. Seal Award, recognizing her success at creating and transforming a zoo into a remarkable conservation organization. Thus, the recipients of the U.S. Seal award have clearly been a remarkable group of scientists, teachers, tool developers, organizational and community leaders, zoo pioneers, and inspiring and tireless advocates for species. And, to be fair to these past awardees, I should note moreover that most of them fit comfortably into several of these categories.



Yet, this year's recipient of the US Seal Award for Innovation in Conservation – Gordon McGregor Reid – fits all of these categories! He is a notable scientist, with numerous scientific publications, and having served even as the President of the Linnaean Society – the place where Darwin and Wallace first presented their work on the origin of species. He has been a leader in the IUCN, leading the Freshwater Fishes Specialist Group – a group that has been so actively that they just added assessments of more than 5000 species to the Red List. He has been a leader in the zoo world, developing Chester Zoo as a model for how a zoo can be successful as a zoo while making major contributions to conservation projects around the world, and also served as WAZA President, being a wonderful contributor to CBSG advisory committees, and as one of the original co-leaders of the Amphibian Ark.

Gordon has been a champion of species that are often neglected by the conservation world – such as the many fresh-water fishes, which, sadly, are in as much trouble globally as are the amphibians. He has also been the champion of people who sometimes feel neglected. When an important conservation project urgently needs more support – whether financial support, wise guidance, or just encouragement – Gordon is the one on whom we have come to rely.



Although Gordon's personal accomplishments are numerous (even if he keeps them quiet), perhaps his biggest impact has been very similar to the most notable aspect of Ulie Seal's leadership – which is that he recognizes, encourages, mentors, and supports people who are able and eager to make a difference for species conservation.

To quote from one of Gordon's nominators:

"To give just a wee example, Gordon Reid's adoption of many struggling zoo publications over the years have kept them alive and thriving, and his support of new, needed publications have made technical information available to thousands of zoo personnel to improve their expertise and professional relationships.

Chester Zoo's grants program has saved many a struggling conservation project, and Gordon's immediate (and quite often un-asked, even) response to myriad "good causes" and emergencies in animal welfare and conservation are well known. Gordon Reid's generosity goes far beyond offering funds from his institution. Gordon gives immense support to new and small and often neglected causes, putting his own reputation and standing on the line to support individuals and entities in which only he has spotted the value and potential."

Perhaps Gordon's insight and devotion to helping struggling conservationists comes from his own background. One of his colleagues wrote to me to relate that when Gordon graduated with his PhD he was unable to secure an appropriate job in the UK at the time. As a consequence he went to Nigeria where he was a lecturer at a remote bush university. He also filled in between by driving delivery trucks in London. As Gordon's colleague noted: that is what you might call some hardball experience to prepare anybody for success in the biosciences and conservation!

When I started to prepare this presentation, I realized that I had a wee bit of a problem. Gordon has done so much for conservation and zoos and fishes, and he has received so many prestigious honors for his work, that if I even began to catalog them for you I would leave no time for Gordon to respond. I will just note a few special honors that you may not have known about. Along with several honorary PhD degrees, Gordon is also an honorary citizen of Bolivia, he twice was the winner of the Waterlife Cup for excellence in aquarium keeping, he has several species of fish named after him, and a number of species of fish, amphibians, and conservationists probably owe their continued existence to him.

As Gordon's nomination noted – it is perhaps especially appropriate that he receives this award in the International Year of Biodiversity. His contributions to understanding and protecting biodiversity have been felt in all continents, across diverse and extremely speciose taxa, and he has guided the zoo community, governments, NGOs, field research teams, and academia.



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### CBSG News

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