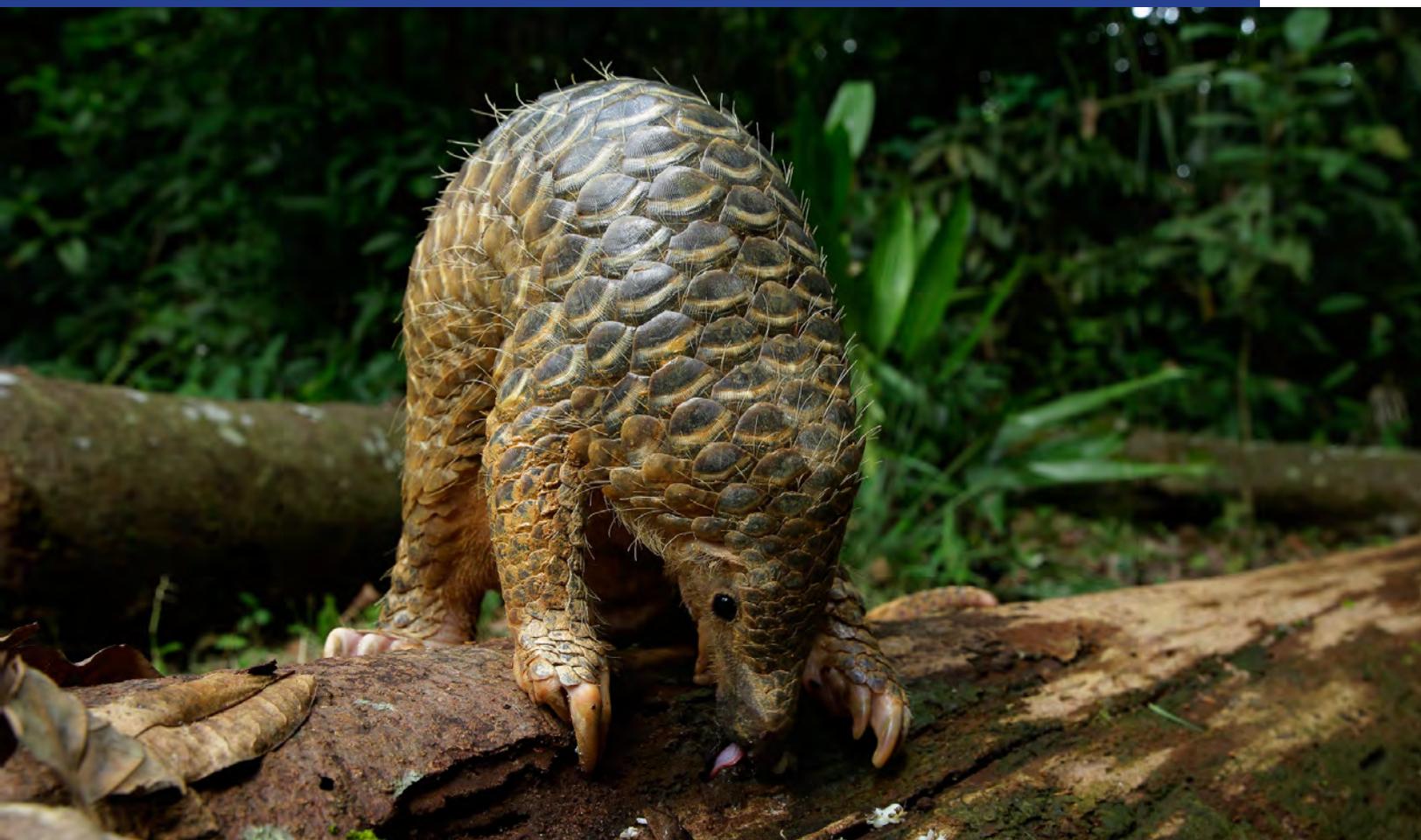


Changing the Future for Wildlife



CPSG ANNUAL REPORT 2017

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Our Mission

CPSG's mission is to save threatened species by increasing the effectiveness of conservation efforts worldwide.

By:

- developing innovative and interdisciplinary methodologies,
- providing culturally sensitive and respectful facilitation,
- promoting global partnerships and collaborations, and
- fostering *ex situ* contributions to species conservation,

CPSG transforms passion for wildlife into effective conservation.

From the Chair

What a Difference a Year – and a Name – Makes!

Our name change reinforces our commitment to changing the future for endangered species.

2017 was year one of the Conservation Planning Specialist Group, and year 38 of the productive, innovative, inclusive and effective work that name now represents. We remain a network of passionate conservationists, dedicated to making a meaningful difference in changing the future for endangered species. In the pages of this Annual Report, you will find some of the year's most remarkable contributions to this effort.



The name change was both liberating and nerve-wracking. As we embraced our expanded SSC mandate, it was obvious that our new name, Conservation Planning Specialist Group, better reflects this evolution in our work. But the CBSG community identified strongly with that acronym, and with the philosophy and legacy it epitomized. We couldn't help but wonder how long it might take for the new name to take hold.

The answer? No time at all!

Our members, donors and partners have overwhelmingly supported the name change. 'CPSG' now slips right off our tongues (well, almost always!). Along with the name change comes a change in our role and relevance within the SSC. Our profile is higher, our level of integration is greater, and our impact is amplified.

We are proud to share our new strategic plan (see page 15 of this Annual Report). It is the blueprint for maximizing that impact and achieving our goals of increasing the quality and quantity of conservation planning for threatened species.

We are honored to have been given the opportunity to help increase the SSC's impact through enhanced species planning and, ultimately, fulfill our mission to help save endangered species by increasing the effectiveness of conservation planning efforts worldwide.

Dr. Onnie Byers, CPSG Chair

Ulysses S. Seal Award for Innovation in Conservation

Jeremy Mallinson was named the 2017 recipient at CPSG's Annual Meeting in Berlin, Germany.

The 2017 Ulysses S. Seal Award honors Jeremy Mallinson's dedication to conservation science spanning his long career with Jersey Zoo and the Durrell Wildlife Conservation Trust (DWCT). Beginning as a keeper in 1959, Mallinson went on to become the Deputy Director in 1963 and the Zoological Director in 1972 until his retirement in 2001. He currently retains the title of Director Emeritus.



While Gerald Durrell was the founder and guiding light for the Jersey Zoo and DWCT, Mallinson was the key force behind the implementation of Durrell's vision and the scientific foundation of the Trust's work, both within the zoo and internationally. Mallinson's work was particularly focused on South American, African, and Asian species. He spent considerable time doing fieldwork, where he engaged and supported local conservation efforts. Back in Jersey, Mallinson fostered a culture of conservation science at Durrell in which all members of the animal staff were expected to take on research and publication as standard operating procedure.

It is evident that Jeremy Mallinson and Ulie Seal shared the same passion and conviction for facilitating a cross-disciplinary, transnational, collaborative and science-based approach to wildlife conservation. CPSG was thrilled to present him with the 2017 Ulysses S. Seal Award for Innovation in Conservation.



About the Award

Dr. Ulysses S. Seal's great passion and talent was his creative thinking about how new science could most effectively be applied to solving the problems of wildlife conservation. His contributions were amplified many times over by his further ability to recognize and encourage others who were also making such innovative contributions. CPSG has chosen to honor Ulie, the founder and first chair of CPSG, by creating the Ulysses S. Seal Award for Innovation in Conservation.

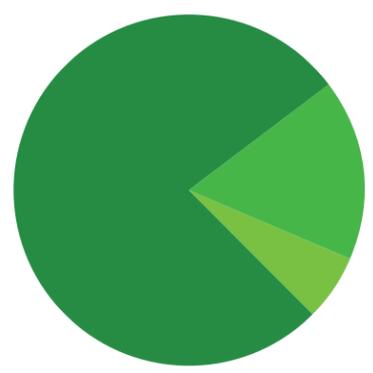


2017 Outcomes

- In recognition of our many years of conservation planning experience, we changed our name to the Conservation Planning Specialist Group.
- Created the CPSG 2018-2020 Strategic Plan and established an 18-month long development path for species conservation planners.
- Since the workshop for helmeted hornbills, a preliminary progress report on the action plan was delivered at the CITES Conference of the Parties in 2017.
- Following CPSG's 2015 workshop recommendations, the Minnesota Zoo expanded their Dakota skipper *ex situ* program and reintroduced 200 of the butterflies in June 2017.
- The 10-year anniversary of the CPSG workshop for the red-headed wood pigeon in Japan celebrated a larger wild population, established *ex situ* program, and strong local support for this rare bird.
- CPSG's new ICAP process led to the restructuring of EAZA's *ex situ* programs to focus on conservation contributions by European zoos.

2017 at a Glance

36
Workshops
in
19
Countries



- 28 PHVA and Species Conservation Planning Workshops
- 6 Training Courses
- 2 Planning Workshops for Conservation Organizations

Conservation Planning for **20** Species


13 Mammals


3 Birds


2 Insects


1 Reptile


1 Fish



Protecting an American Icon

Once numbering in the tens of millions and driven to near extinction in the 1800s, current American bison (*Bison bison*) populations are descended from approximately 100 plains bison and 250 wood bison. Most herds today are small and intensively managed, and many have been hybridized with cattle. While bison numbers have grown over the past century to about 20,000 plains bison and 11,000 wood bison, only a few functionally wild herds remain.



In 2015, CPSG collaborated with IUCN SSC American Bison Specialist Group, Wildlife Conservation Society, and National Park Service to produce a Population Viability Analysis (PVA) for the eight large free-ranging herds deemed as “functioning as wild”. This PVA provided the basis for the IUCN SSC American Bison Specialist Group’s 2017 revised Red List assessment for American bison, and opened the door to conduct a comprehensive PVA for all bison federally managed by the US Department of the Interior.

Twenty herds were modeled and the results were compared to herd and species goals and objectives to identify effective management strategies and opportunities for inter-agency collaboration. This work is being expanded to develop a metapopulation genetic management strategy to promote the best future for American bison in the wild.



2017 Highlighted Stories

Did You Know...

The American bison has become an iconic symbol for North America’s grasslands and cultural history. It is also highly recognized as a conservation success. In fact, in 2016, the American Bison was declared the United States’ first National Mammal.

Planning a Future for Pikeminnow

The Colorado pikeminnow (*Ptychocheilus lucius*) was once abundant throughout the Colorado River Basin which covers areas of seven states: Arizona, California, Colorado, Nevada, New Mexico, Utah, and Wyoming. For the past 20 years, the pikeminnow population has been declining, primarily due to altered river flows and the threat of predation from introduced fish for sport, and is now only found in the upper portion of the Basin.



CPSG partnered with the US Fish and Wildlife Service and the Upper Colorado River Endangered Fish Recovery Program, to conduct a PVA to help identify promising management activities to reverse the negative trend in abundance.

The PVA confirmed that pikeminnow populations would likely continue to decline in the Basin if management does not respond to the ever-increasing threats facing the species. Using sophisticated computer models, a host of alternative management scenarios were tested to determine the most promising opportunities for recovering the pikeminnow.

Thanks to the joint efforts of CPSG and its partners, Federal and State biologists now have a robust assessment they can use to recommend a suite of management options that can reduce the probability of species extinction.

Did You Know...

Despite being called a “minnow”, the Colorado pikeminnow is one of the largest freshwater fishes in North America, growing up to 6 feet in length as an adult.



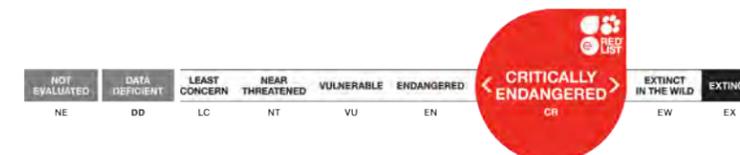
Hope for an Urban Gecko

The Lima leaf-toed gecko (*Phyllodactylus sentosus*) is found across several archeological sites, called *huacas*, maintained by the Ministry of Culture in Lima, Peru. Population estimates are difficult to calculate due to the species’ fragmented distribution and secretive nature, but it is thought that each *huaca* is home to between 20-600 individuals. Their highly urbanized habitat has exposed the species to threats from predation, habitat encroachment, and competition from other gecko species, as well as from maintenance activities performed in the *huacas*.

CPSG collaborated with species specialists from the Universidad Peruana Cayetano Heredia to facilitate a Population and Habitat Viability Assessment (PHVA) workshop for the gecko.



A *huaca* in Lima, Peru. The site preserves the natural coastal desert habitat that the Lima leaf-toed gecko requires.



The results of the workshop highlighted the need to work with the state institutions that preserve and maintain archaeological sites to minimize negative impacts from maintenance activities and to increase the size and quality of the species’ habitat. The results also indicated a need for further research into the maximum life-span and breeding age for the Lima leaf-toed gecko, as well as on the effects of predation on the population.

In response to the results of the workshop, the Ministry of Culture is looking to collaborate with species experts and other governmental authorities to improve maintenance and debris removal methods from *huacas* sites. In addition, CPSG’s workshop methodology has inspired the Ministry of Environment and the Ministry of Agriculture and Irrigation to apply similar methods to future species conservation workshops in Peru.

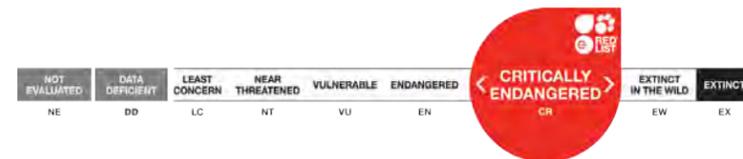
Did You Know...

While both male and female Lima leaf-toed geckos are very small in size, the female is larger than the male, measuring only 6 centimeters from snout to cloaca.

Paving the Way for Pangolins

SUNDA PANGOLIN

CPSG facilitated two workshops hosted by Wildlife Reserves Singapore, focusing on regional and national conservation efforts for the Sunda pangolin (*Manis javanica*). The workshops were co-organized by the IUCN SSC Pangolin Specialist Group and the IUCN SSC Asian Species Action Partnership. Following a typical CPSG workshop format, participants moved between plenary and small working group sessions to ensure adequate information exchange and collaboration.



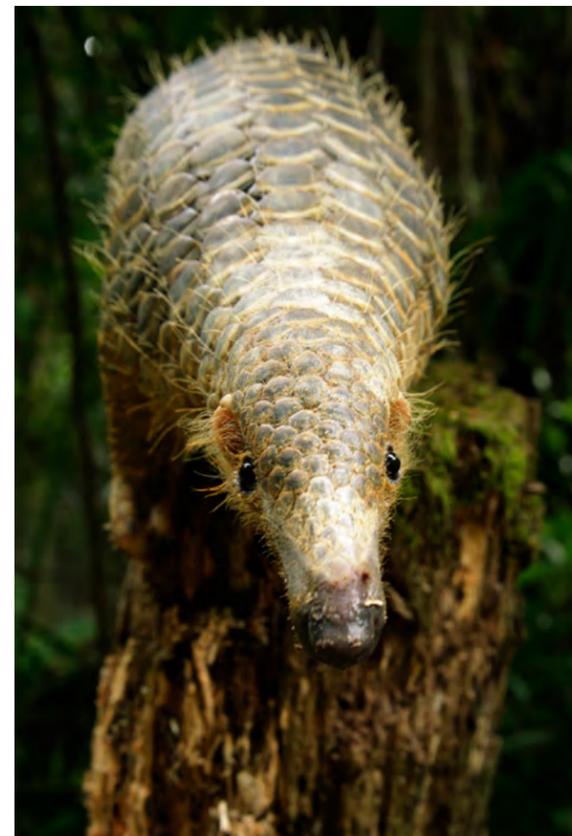
The range of the Sunda pangolin extends to nine countries in Asia. Though illegal trade poses the largest threat to this species across its range, in Singapore pangolins are currently more at risk from the challenges created by urban development, especially roads.

Rescue, rehabilitation and release were topics common to both workshops. There is a need to expand capacity in this area of work, which is providing important support to law enforcement efforts in several countries.

The difficulty of detecting and monitoring Sunda pangolins was another important theme and is a problem relevant to all pangolin species. These challenges will be the focus of a 2018 workshop organized by the IUCN SSC Pangolin Specialist Group.

Did You Know...

Illegal hunting for international trade is the primary threat to pangolins globally, as their meat is considered a delicacy in consumer markets in Asia and their scales are used in traditional Asian medicine.



FORMOSAN PANGOLIN

The Formosan pangolin is a subspecies of the Critically Endangered Chinese pangolin (*Manis pentadactyla*) and is found only in Taiwan. Though the species has declined dramatically outside Taiwan, within Taiwan it can still be found in many areas and at natural densities. As a result, Taiwan is one of few places where pangolins can still be studied under relatively natural conditions. The viability of the Formosan pangolin is therefore of great importance not just within the country, but to global conservation efforts.

CPSG facilitated a PHVA workshop organized and hosted by Taipei Zoo, in partnership with the IUCN SSC Pangolin Specialist Group, the Endemic Species Research Institute, and the Taiwan Forest Bureau.



The PHVA was preceded by a PVA workshop to develop a population model for Formosan pangolins, and a conference focusing on the One Plan Approach to conservation planning. PHVA participants collaborated to better understand the status of pangolins in Taiwan and to develop a plan for securing their future. While pangolin populations are increasing in some areas of the country, it was agreed that work is needed to assess and protect this species.

Immediate priorities are to increase understanding of the species' habitat and the relative impact of known threats such as land conversion, road kill, hunting, and attacks from stray dogs. Improving rescue, rehabilitation and release capacity was an important theme, with recommendations for creating a 24-hour response team.

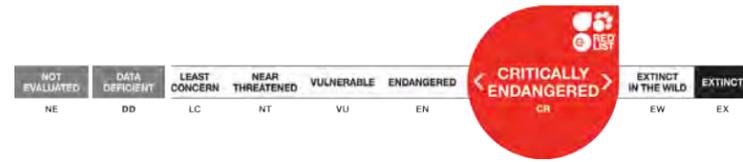
Following the PHVA, senior representatives from key institutions met to discuss the recommendations resulting from the workshop. Taipei Zoo, the Endemic Species Research Institute, and the Taiwan Forest Bureau agreed to take the lead on priority strategies to ensure implementation.

Taking Action for a Hornbill

The helmeted hornbill (*Rhinoplax vigil*) has been listed in Appendix I of the Convention on International Trade in Endangered Species (CITES) since 1975, prohibiting all international trade in the species. A recent surge in illegal trade combined with habitat loss has resulted in a shift from its status of Near Threatened to Critically Endangered on the IUCN Red List.



CPSG facilitated a range-wide conservation planning workshop for helmeted hornbills, hosted in Kubah National Park by the Sarawak Forestry Corporation and organized by the Helmeted Hornbill Working Group (HHWG), in partnership with the Asian Species Action Partnership (ASAP) and Wildlife Reserves Singapore (WRS).



The participants focused much of the discussion on combatting illegal trade. All points along the trade chain were considered, from poachers to traffickers, through transit routes, to consumers. Securing high-quality habitat for helmeted hornbills was also a focus of the workshop, and participants shared positive outcomes of local community conservation schemes in Thailand.

Large gaps in knowledge regarding the species' status, distribution, and population dynamics have made it difficult to both prioritize where to act and to measure the impacts of action. Strategies for addressing all of these issues were agreed upon and prioritized by the participants.

The Helmeted Hornbill Working Group has been reorganized to create a framework for the implementation of the helmeted hornbill conservation strategy. The IUCN SSC Hornbill Specialist Group has been reinstated and will provide a supportive home for this group.

Did You Know...

The casque of the helmeted hornbill is made of keratin and makes up about 11% of the bird's total body weight.



Historical range of the helmeted hornbill. Current range is the same with the exception of Singapore, where it is considered extinct.

Big Plans for a Small Bear

Sun bears (*Helarctos malayanus*) are a forest-dependent species, with a range that includes 11 countries in Asia. However, experts from the IUCN SSC Bear Specialist Group estimate that their population has declined by approximately 35% over the past 30 years. Sun bears are often poached for their gall bladders, used in traditional Chinese medicine, and for their paws, which are considered an expensive delicacy. Meanwhile, deforestation has left populations patchily distributed and lost from many areas.

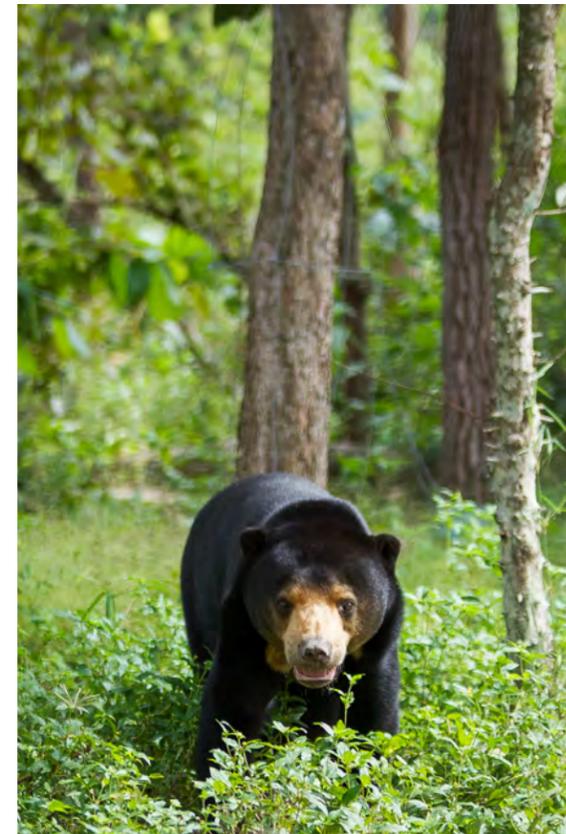


CPSG facilitated a conservation planning workshop for sun bears, which followed immediately from the 1st International Symposium on Sun Bear Conservation, organized by Free the Bears, TRAFFIC Southeast Asia, and the IUCN SSC Bear Specialist Group. This provided a rare opportunity to gather input from 100 sun bear specialists in advance of planning discussions.

The workshop followed CPSG's One Plan Approach, with working groups focused on habitat protection, *ex situ* management, illegal trade, and communications. By the end of the second day, agreement was reached on the key components of the conservation action plan.

Did You Know...

The sun bear is the smallest species of bear in the world and the only exclusively arboreal one.



A New Era for CPSG

With the development of our 2018-2020 Strategic Plan, CPSG's future takes shape.

The Conservation Planning Specialist Group has long been recognized as a leader in the development and application of rigorous, science-based tools and processes for the purpose of strategic conservation planning for endangered species. So, in 2016, when the Chair of the SSC formally asked CPSG to take the lead in achieving the species conservation planning objective laid out in the SSC's 2017-2020 Strategic Plan, we did not hesitate to accept.

The SSC's species conservation planning objective includes six planning-specific Key Species Results (KSRs) that CPSG will achieve in collaboration with other SSC and IUCN members.

To begin this work, we conducted a survey of all SSC Specialist Group Chairs and convened a creative thinking meeting to gather advice and guidance from across the CPSG network, including SSC Specialist Group Chairs, the Global Species Program, our donors in the Global Conservation Network (GCN), and other partners. The results of these initiatives were used to inform the development of the CPSG Strategic Plan 2018-2020.

Continued...

Five ambitious but achievable goals were devised:

Goal One

Target species are prioritized, conservation needs are efficiently assessed, and species conservation planning efforts are expanded.

Goal Two

Context-specific, best practice planning methods are developed and applied, based on a One Plan Approach.

Goal Three

Species conservation planning capacity is increased across SSC Specialist Groups, governments, and other key partner organizations.

Goal Four

The ability of governments to meet international biodiversity targets is improved through species conservation planning.

Goal Five

Species conservation planning methods are evaluated for impact and effectiveness, leading to continual improvement.

Together, these goals will allow us to expand our capacity for conservation planning activities throughout CPSG, the SSC, and the IUCN as a whole.



Progress on the Plan has already been made including:

- the development of a suite of training courses, detailed in our [Course Prospectus](#), to be delivered in a combination of online and face-to-face formats in order to increase the number of qualified planners available to CPSG and the SSC;
- the launch of our Species Conservation Planners Development Path, which provides mentorship to future planners to the point where they can lead their own multi-stakeholder planning processes;
- the identification of requirements for an improved conservation needs assessment tool to efficiently apply the conservation planning process to more species;
- the creation of an online [SSC Species Conservation Planning Support Directory](#) of Specialist Group members who are willing to share their planning expertise with those seeking assistance in species conservation planning; and
- the establishment of the [SSC Species Conservation Planning Project Inventory](#), a list of SSC Specialist Group-led, or enabled, planning projects to be used as reference and inspiration for future projects.

With nearly a third of species assessed by the IUCN Red List categorized as threatened with extinction, there is much work to be done. However, with the abundance of knowledge, skills, and expertise within CPSG and the wider SSC to draw upon, we are equipped to tackle the challenges ahead. The CPSG Strategic Plan will act as our guide, allowing us to enhance our ability, and the SSC's, to plan more effectively for threatened species, ultimately leading to the realization of our common goal—the improved status of biodiversity worldwide.

IUCN SSC Key Species Results

KSR15.
IUCN SSC species conservation planning efforts are significantly expanded, especially for priority species.

KSR16.
IUCN SSC species conservation planning efforts are monitored for impact and effectiveness.

KSR17.
Species conservation planning capacity is built through expanded training programmes.

KSR18.
IUCN SSC provides rigorous guidance for species conservation planning through the continued development and application of cutting-edge, science-based tools and processes.

KSR21.
IUCN SSC is recognised as a leader in species conservation action planning.

KSR25.
Advice and facilitation is in place to support ex situ species recovery programmes.



2017 PHVA & Species Conservation Planning Workshops & Sponsors

Amur Tiger Global Species Management Plan Workshop, Russia

Minnesota Zoo Foundation; Moscow Zoo

Bison Department Of the Interior (DOI) PVA Discussion, USA

GCN/CPSG; National Park Service; Wildlife Conservation Society

Bison DOI PVA Workshop, USA

National Park Service; Wildlife Conservation Society

Chinese White Dolphin PHVA, Hong Kong

Hong Kong International Airport; Ocean Park Conservation Foundation Hong Kong

Colorado Pikeminnow PVA, USA

US Fish and Wildlife Service



Columbian White-Tailed Deer PVA, USA

Washington Department of Fish and Wildlife

Conservation Status and Needs Workshop for the Harpy Eagle in Brazil, Brazil

Federal University of Espírito Santo; Fundação de Amparo à Pesquisa do Espírito Santo; GCN/CPSG; Itaipu Binacional; Instituto Chico Mendes de Conservação da Biodiversidade; Instituto Últimos Refúgios; The Nitro; Parque das Aves; Reserva Natural Vale

Formosan Pangolin PHVA Workshop, Taiwan

Taipei Zoo

Formosan Pangolin PVA Development Workshop, Taiwan

Taipei Zoo

Helmeted Hornbill Conservation Strategy & Action Plan Workshop, Malaysia

Sarawak Forestry Corporation; Wildlife Reserve Singapore

Iberian Lynx Genetic Management Workshop, Spain

Alimentación y Medio Ambiente; Junta de Andalucía; Ministerio de Agricultura y Pesca; Pharmadiet

Javan Leopard PVA Development, Indonesia

Copenhagen Zoo; Karen Dixon; GCN/CPSG; Taman Safari Indonesia

Lima Leaf-Toed Gecko Conservation Strategy, Peru

Ministry of Agriculture and Irrigation; Ministry of Environment; Universidad Peruana Cayetano Heredia

Mexican Wolf PVA, Mexico

Mexican Wolf Conservation Foundation

Mexican Wolf PVA (multiple), USA

Mexican Wolf Conservation Foundation

Mexican Wolf Public Meeting Facilitation, USA

Mexican Wolf Conservation Foundation

Moose Disease Risk Analysis Workshop, USA

University of Minnesota, Department of Veterinary Population Medicine

Mountain Gorilla PHVA Scoping Meeting, Rwanda

International Gorilla Conservation Programme

National Strategy for the Conservation of Native Bees in Costa Rica, Costa Rica

FUNDAZOO; Universidad de Costa Rica

One Plan Approach to Conservation Planning Workshop, Taiwan

Taipei Zoo

Oregon Silverspot Butterfly Conservation Planning Workshop, USA

Oregon Park and Recreation Department; Oregon Zoo; US Fish and Wildlife Service; Woodland Park Zoo

Southern Ground Hornbill PHVA Workshop, South Africa

Disney Conservation Fund; Mabula Private Game Reserve

Sumatran Rhino Conservation Planning Discussion, USA

International Rhino Foundation

Sun Bear Conservation Planning Workshop, Malaysia

Bornean Sun Bear Conservation Centre; Hauser Bears; International Association for Bear Research & Management Research and Conservation Grant; Perth Zoo Wildlife Conservation Action; Taronga Conservation Society Australia; Wildlife Reserves Singapore

Sunda Pangolin Conservation Planning Workshop, Singapore

Wildlife Reserves Singapore

Sunda Pangolin National Conservation Planning Workshop, Singapore

Wildlife Reserves Singapore

Tiger Genome Resource Bank Development Discussion, USA

Minnesota Zoo; Omaha's Henry Doorly Zoo

Tiger Species Survival Plan® Masterplan Meeting, USA

AZA Felid Taxon Advisory Group; Minnesota Zoo Foundation

PHVA & Species Conservation Planning

In 2017, CPSG led, co-led, or provided analysis for 28 PHVA and Species Conservation Planning Workshops held in 14 countries, for 20 species and involving 645 people from 331 organizations. Using CPSG's structured tools for issue formulation and problem solving, stakeholders collaborate to develop effective recommendations for species conservation action, including the identification of personal responsibilities and timelines to ensure that the recommendations become reality. Our Population and Habitat Viability Assessment (PHVA) process combines this approach with traditional population viability analysis (PVA) methodologies to enhance both the process and product of the species conservation planning workshop. CPSG also assists with planning for intensively managed populations, including ex situ masterplans.



2017 Training Workshops & Sponsors

Disease Risk Analysis Train-the-Trainer Workshop, Brazil

Auckland Zoo; Federal University of Paraíba; Instituto de Conservação de Animais Silvestres; São Paulo Research Foundation; São Paulo Zoo Foundation

Facilitation Skills for Conservation Managers, UK

Durrell Wildlife Conservation Trust; International Rhino Foundation

Planning Translocation Programs, UK

Calgary Zoo; EAZA; ZSL

Using the IUCN Ex Situ Guidelines for Species Conservation Training Workshop, Brazil

Copenhagen Zoo; Parque das Aves

VORTEX 10 Training, South Africa

GCN/CPSG; PAAZA

VORTEX 10 Training, USA

AZA Reproductive Management Center; Saint Louis Zoo



Training in Conservation Techniques

In 2017, CPSG led or co-led 6 Training Workshops in 4 countries, involving a total of 114 people from 67 organizations. CPSG offers training courses in a variety of skills that build capacity and promote effective conservation. Facilitation courses allow participants to hone their skills in structured decision making, communication, group dynamics, and conflict resolution. Courses in risk assessment and modeling provide an overview of population biology and conservation planning, focusing on the use of simulation methods for evaluating extinction risk under various management strategies. Training is also available in the principles and tools for disease risk assessment and ex situ population management, as well as in the application of the IUCN guidelines for use of ex situ management for conservation. Other types of conservation-related training courses are offered periodically to meet the specific needs of organizations or regions.

2017 Planning for Conservation Organizations & Sponsors

AZA Columbiformes TAG Strategic Planning, USA

AZA Avian Scientific Advisory Group; Disney's Animal Kingdom; GCN/CPSG

SCTI Training Discussion, USA

GCN/CPSG; Species Conservation Toolkit Initiative; Smithsonian Institute

2017 Conferences & Sponsors

1st Brazilian Wildlife Health Symposium, Brazil

Fundação de Amparo à Pesquisa do Estado de São Paulo; Fundação Parque Zoológico de São Paulo

1st International Symposium on Integrated Conservation, Brazil

Cataratas do Iguaçu; Copenhagen Zoo; Parque das Aves; PNI/ICMBio; Parque Nacional do Iguaçu

Conservation Centers for Species Survival Annual Meeting, USA

Conservation Centers for Species Survival

CPSG Annual Meeting, Germany

Brad & Alice Andrews; Chester Zoo; GCN/CPSG; Zoo Berlin

EAZA Annual Conference, Netherlands

GCN/CPSG

Emerging Wildlife Conservation Leaders Board Meeting, USA

White Oak Conservation Center

Future Directions in Conservation Science, UK

Chester Zoo; University of Manchester

Species360 Annual Board Meeting, Germany

GCN/CPSG

SSC Steering Committee Meeting, Colombia

IUCN SSC

WAZA Annual Conference, Germany

GCN/CPSG

Planning for Conservation Organizations

In 2017, CPSG was involved in 2 Planning Workshops for Conservation Organizations in 1 country involving a total of 34 people from 23 organizations. CPSG works with conservation organizations, including wildlife agencies, zoological parks, and associations of conservation professionals, to develop plans for conservation action. From strategic planning for national wildlife refuges to developing zoo conservation masterplans, CPSG leads stakeholders from the establishment of a vision through the exploration of issues and the development of goals to cultivate a conservation culture and to guide future actions.



2017 CPSG Donors

<p>\$25,000 and above</p>	<p>\$20,000 and above</p>	<p>\$15,000 and above</p>
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\$10,000 and above
 Alice Andrews *
 Auckland Zoological Park
 Anne Baker & Robert Lacy
 Dallas World Aquarium*
 Detroit Zoological Society
 Houston Zoo*
 San Diego Zoo Global
 Toronto Zoo
 Wildlife Conservation Society
 Zoo Leipzig*

European Association of Zoos & Aquaria (EAZA)
 Fort Wayne Children's Zoo
 Fota Wildlife Park, Ireland
 Fundación Parques Reunidos
 Givskud Zoo
 Gladys Porter Zoo
 Japanese Association of Zoos & Aquariums (JAZA)
 Kansas City Zoo
 Nancy & Peter Killilea
 Laurie Bingaman Lackey
 Linda Malek
 Milwaukee County Zoo
 Nordens Ark
 North Carolina Zoological Park
 Oregon Zoo
 Paignton Zoo
 Royal Zoological Society of Antwerp
 Royal Zoological Society of Scotland
 Sedgwick County Zoo
 Seoul Zoo
 Lee & Marie Simmons
 Swedish Association of Zoological Parks & Aquaria (SAZA)
 Twycross Zoo
 Utah's Hogle Zoo
 Wilhelma Zoo
 Woodland Park Zoo
 Zoo Frankfurt
 Zoologischer Garten Köln
 Zoologischer Garten Rostock

Cameron Park Zoo
 Central Zoo Authority, India
 Everland Zoological Gardens
 Friends of the Rosamond Gifford Zoo
 Jacksonville Zoo & Gardens
 Little Rock Zoo
 Los Angeles Zoo
 Prudence Perry
 Perth Zoo
 Philadelphia Zoo
 Phoenix Zoo
 Ed & Marie Plotka
 Riverbanks Zoo & Garden
 Rotterdam Zoo
 San Antonio Zoo
 Taipei Zoo
 Thrigby Hall Wildlife Gardens
 Toledo Zoo
 Wassenaar Wildlife Breeding Centre
 White Oak Conservation Center
 Wildlife World Zoo & Aquarium
 Zoo and Aquarium Association (ZAA)
 Zoological Society of Wales,
 Welsh Mountain Zoo
 Zoos South Australia

Katey & Mike Pelican
 Racine Zoological Society
 Safari de Peaugres
 Tokyo Zoological Park Society
 Topeka Zoo
 Wellington Zoo
 Zoo de la Palmyre

\$250 and above
 African Safari, France
 Arizona-Sonora Desert Museum
 Lee Richardson Zoo
 Lion Country Safari
 Roger Williams Park Zoo
 Rolling Hills Wildlife Adventure
 Sacramento Zoo
 Steinhart Aquarium
 Jacqueline & Nick Vlietstra
 Zoo Heidelberg

\$100 and above
 Ann Delgehausen
 Steven J. Olson

*Denotes CPSG Chair sponsor

\$5,000 and above
 Al Ain Wildlife Park & Resort
 Association of Zoos & Aquariums (AZA)
 British and Irish Association of Zoos and Aquariums (BIAZA)
 Lincoln Park Zoo
 Point Defiance Zoo & Aquarium
 Schönbrunner Tiergarten – Zoo Vienna*
 Smithsonian National Zoological Park

\$2,000 and above
 Allwetterzoo Münster
 Association of Zoological Gardens (VdZ)
 Borås Djurpark*
 Bristol Zoo Gardens
 Cincinnati Zoo & Botanical Garden, CREW
 Cleveland Metroparks Zoo
 Dallas Zoo
 Dickerson Park Zoo
 Dublin Zoo

\$1,000 and above
 Aalborg Zoo
 Abilene Zoological Gardens
 Akron Zoological Park
 Mark Barone

\$500 and above
 Apenheul Primate Park
 Banham Zoo
 Chris Byers & Kathy Vila
 Cotswold Wildlife Park
 David Traylor Zoo of Emporia
 Den Blaa Planet – Danmarks Akvarium
 Kattegatcentret
 Lisbon Zoo

CPSG Regional Resource Center Hosts
 AMACZOOA & FUNDAZOO
 Auckland Zoo
 Copenhagen Zoo
 Japan Wildlife Research Center
 Pan-African Association of Zoos & Aquaria (PAAZA)
 Parque das Aves
 Royal Zoological Society of Scotland
 Saint Louis Zoo
 Taman Safari Indonesia
 Zoo Outreach Organisation & WILD
 Zoofari Mexico



Global Conservation Network Financial Board

Brad Andrews
 Global Conservation Associates
Jerry Borin
 Columbus Zoo & Aquarium
Lee Ehmke
 Houston Zoo
Nathan Flesness
 Species360

Jo Gipps
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Bengt Holst
 Copenhagen Zoo
Lena M. Linden
 Nordens Ark
Mark Pilgrim
 Chester Zoo

Lee Simmons
 Omaha Zoo Foundation
Pat Thomas
 Wildlife Conservation Society
Simon Tonge
 Paignton Zoo

About CPSG

CONSERVATION PLANNING SPECIALIST GROUP
 Changing the Future for Wildlife

www.cpsg.org
 The Conservation Planning Specialist Group (CPSG) is a global volunteer network of 272 conservation professionals, coordinated by a headquarters staff of seven and assisted by 10 Regional Resource Centers on six continents. CPSG is dedicated to saving threatened species through effective conservation planning. CPSG is recognized and respected for its use of innovative, scientifically sound, collaborative processes that bring together people with diverse perspectives and knowledge to catalyze positive conservation change. CPSG is a Specialist Group of the Species Survival Commission of the International Union for Conservation of Nature, and is supported by a non-profit organization incorporated under the name Global Conservation Network.



History

Since its inception in 1979, CPSG has assisted in the development of conservation plans involving over 280 species through more than 785 workshops held in 75 countries. CPSG has collaborated with more than 200 zoos and aquariums, 180 conservation non-governmental organizations (NGOs), 65 universities, 55 SSC Specialist Groups, 50 government agencies, and 35 corporations. By applying unique conservation tools and training others in their use, CPSG contributes to the long-term sustainability of endangered species and ecosystems around the globe.

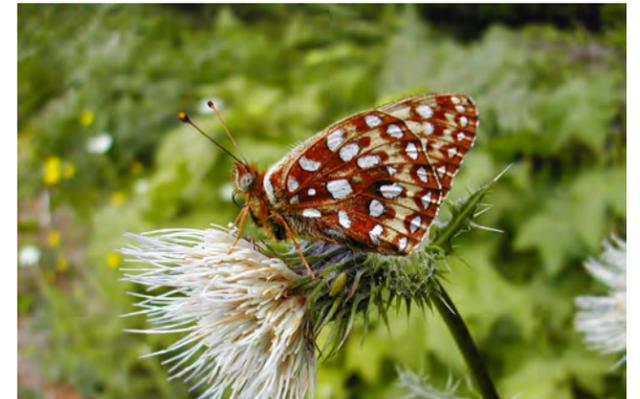


IUCN
www.iucn.org
 The International Union for Conservation of Nature (IUCN) brings together states, government agencies, and a diverse range of non-governmental organizations in a unique world partnership that seeks to influence, encourage, and assist societies throughout the world in conserving the integrity and diversity of nature and to ensure that any use of natural resources is equitable and ecologically sustainable.

SSC
 Species Survival Commission
www.iucn.org/theme/species/about/species-survival-commission-ssc
 The Species Survival Commission is the largest of IUCN's six volunteer Commissions, with a global membership of more than 7,500 volunteer experts. The SSC advises IUCN and its members on the wide range of technical and scientific aspects of species conservation and is dedicated to securing a future for biodiversity.

Our Approach to Conservation

CPSG promotes effective and comprehensive conservation action by emphasizing the exchange of information across diverse groups to reach agreement on the important challenges facing humans and wildlife. Our interactive, participatory conservation planning workshops provide an objective environment, expert knowledge, and thoughtful group facilitation designed to systematically analyze problems and develop focused solutions using sound scientific principles. This process enables workshop participants to produce meaningful and practical management recommendations that generate political authorities. Rapid dissemination of these recommendations allows them to be used almost immediately to influence stakeholders and decision makers, and maintains the momentum generated at the workshop.



Support CPSG

When you support CPSG, you become part of a conservation partnership that achieves results that go beyond what individuals and institutions can do on their own. Your support enables us to plan a future for wildlife, and without it we could not continue our work to save threatened species by increasing the effectiveness of conservation efforts worldwide.

You can support CPSG by visiting our website at <http://www.cpsg.org/support-cpsg> or by mailing your contribution to our office:

Conservation Planning Specialist Group
 12101 Johnny Cake Ridge Road
 Apple Valley, MN 55124
 United States of America

2017 CPSG Strategic Committee

Brad Andrews
Global Conservation Associates, USA

Anne Baker
Amphibian Ark, USA

Jonathan Ballou
Smithsonian Conservation Biology
Institute, USA

Evan Blumer
OsoMono, LTD, USA

Jeffrey Bonner
Saint Louis Zoo, USA

Amy Camacho
Africam Safari, Mexico

Luis Carrillo
Zoofari, Mexico

William Conway
Wildlife Conservation Society, USA

Mark Craig
Al Ain Wildlife Park & Resort, UAE

Danny de Man
European Association of Zoos and
Aquaria, Netherlands

Arnaud Desbiez
Royal Zoological Society of Scotland,
Brazil

Candice Dorsey
Association of Zoos and Aquariums,
USA

Lee Ehmke
Houston Zoo, USA

Susie Ellis
International Rhino Foundation, USA

Nathan Flesness
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Ocean Park Conservation
Foundation, Hong Kong

Jo Gipps
Global Conservation Network, UK

Alejandro Grajal
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Aquaria, Netherlands

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Zoo Outreach Organisation, India

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Paul Pearce-Kelly
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Prague Zoo, Czech Republic

Alex Rübel
Zoo Zürich, Switzerland

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Stuart Strahl
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Aquariums/Osaka Municipal Tennoji
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Jonathan Wilcken
Auckland Zoo, New Zealand

David Wildt
Smithsonian Conservation Biology
Institute, USA

Kumiko Yoneda
Japan Wildlife Research Center, Japan



Statement of Activities and Changes in Net Asset for the Year Ending December 31, 2017

	Unrestricted	Temporarily Restricted	Total
Support and Revenue:			
Contributions	US\$495,254	US\$198,917	US\$694,171
Workshops and Contracts	245,686	–	245,686
Other Income	10,000	–	10,000
Investment Income	73,705	–	73,705
Net Assets Released from Restrictions:			
Satisfaction of Program Restrictions	160,372	(160,372)	–
Satisfaction of Time Restrictions	17,500	(17,500)	–
Total Support and Revenue	1,002,517	21,045	1,023,562
Expense:			
Program Services	619,204	–	619,204
Support Services:			
Management and General	134,778	–	134,778
Fundraising	49,230	–	49,230
Total Support Services	184,008	–	184,008
Total Expenses	803,212	–	803,212
Changes in Net Assets	199,305	21,045	220,350
Net Assets - Beginning of Year	1,223,568	116,635	1,340,203
Net Assets - End of Year	\$1,422,873	US\$137,680	US\$1,560,553

Statement of Financial Position at December 31, 2017

ASSETS	
Current Assets:	
Cash & Cash Equivalents	US\$933,562
Grants Receivable	88,500
Pledges Receivable	25,000
Due from Affiliated Organization	23,198
Prepaid Expenses	7,112
Total Current Assets	1,077,372
Investments	467,855
Pledges Receivable	75,000
Property - Net	7,838
Total Assets	US\$1,628,065
LIABILITIES & NET ASSETS	
Current Liabilities:	
Accounts Payable	\$5,753
Accrued Salaries	6,909
Accrued Vacation	16,026
Funds Held for Others	38,824
Total Current Liabilities	67,512
Net Assets:	
Unrestricted	1,422,873
Temporarily Restricted	137,680
Total Net Assets	1,560,553
Total Liabilities & Net Assets	US\$1,628,065

Notes to 2017 Financial Statements

The finances to support the work of CPSG are held and managed by the Global Conservation Network (GCN), a USA 501(c)3 not-for-profit organization. GCN had an overall surplus from operations of US \$220,350 for the year in 2017. Our unrestricted activity (general operations) accounted for US \$199,305 of this, in addition to US \$21,045 related to temporarily restricted activity. As of December 31, 2017, we had an unrestricted net asset reserve of US \$1,422,873 or approximately 29 months of operating expenses. Two components make up the temporarily restricted net asset reserve at year end: US \$31,125 is for CPSG Chair support and US\$106,555 is for future years' commitments. The information on this page was taken from the 2017 audit. Copies of the full audit can be obtained by contacting the CPSG office.

CPSG Headquarters



- Onnie Byers**
Chair
- Philip Miller**
Senior Program Officer
- Kathy Traylor-Holzer**
Senior Program Officer
- Caroline Lees**
Program Officer
- Jamie Copsey**
Director of Training
- Elizabeth Townsend**
Finance Officer/Executive Assistant
- Sofia Bilkadi**
Communications Officer

CPSG Regional Resource Centers

Our Regional Resource Centers take CPSG tools and principles deep into the local institutions of a region or country, allowing stakeholders to adapt our proven conservation techniques to meet their own unique needs. We believe that this freedom to shape a Center according to the needs of the culture, society, and services of the individual country is a requirement for successfully addressing the sheer magnitude of the problem of biodiversity loss. Regional Resource Centers acknowledge and appreciate the diversity in environment, culture and social systems, economic conditions, policy and governance, and philosophy in different countries and regions. CPSG Regional Resource Center team members organize activities locally and assist with other CPSG activities globally.



- CPSG Australasia**
Co-Convenor: **Caroline Lees**
CPSG
Co-Convenor: **Richard Jakob-Hoff**
Auckland Zoo
- CPSG Brasil**
Convenor: **Arnaud Desbiez**
Royal Zoological Society of Scotland
- CPSG Europe**
Convenor: **Bengt Holst**
Copenhagen Zoo
- CPSG Indonesia**
Convenor: **Jansen Manansang**
Taman Safari Indonesia
- CPSG Japan**
Convenor: **Kumiko Yoneda**
Japan Wildlife Research Center

- CPSG Mesoamerica**
Convenor: **Yolanda Matamoros**
Simón Bolívar Zoo
- CPSG Mexico**
Convenor: **Luis Carrillo**
Zoofari
- CPSG North America**
Convenor: **Anne Baker**
Amphibian Ark
- CPSG South Asia**
Convenor: **Sanjay Molur**
Zoo Outreach Organisation
- CPSG Southern Africa**
Convenor: **John Werth**
PAAZA

Photography courtesy of:

Kathy Traylor-Holzer
João Marcos Rosa
Kristin Leus
Mike Jordan
Sofia Bilkadi
Onnie Byers
Taipei Zoo
Fabiana Lopes Rocha
US Fish and Wildlife Service

Cover Photo

Sunda Pangolin: Te-Chuan Chan, Taipei Zoo

Mission Photo

Cale Nordmeyer

Highlighted Stories and Initiative Photos:

Highlighted Stories, p. 6: João Marcos Rosa
American Bison, p. 7: Kathy Traylor-Holzer
Colorado Pikeminnow, p. 8: Ben Kiefer/UDWR, Dale Ryden/USFWS, USFWS
Lima Leaf-toed Gecko, p. 9: Roberto Elias
Sunda Pangolin p. 10: David Tan/Wildlife Reserves Singapore
Formosan Pangolin, p. 11: Te-Chuan Chan/Taipei Zoo
Helmeted Hornbill, p. 12: Yeap Chin Aik/Malaysian Nature Society
Sun Bear, p. 13: Peter Yuen/Free The Bears
Initiatives, p. 15: Kristin Leus, Kathy Traylor-Holzer, João Marcos Rosa, Fabiana Lopes Rocha

Ulysses S. Seal Award Photos:

WAZA
Lee Durrell

Special Acknowledgements

Linda Malek is a strategic planning, business development, and marketing specialist based in southern California. She currently donates her expertise to CPSG as we enhance stakeholder communication and increase targeted development efforts, and has directed EDG in the design of this Annual Report and other marketing and development tools.

Printing courtesy of B & G House of Printing, Inc.

Sustainability

We are proud to partner with B&G House of Printing in California to bring you our 2017 Annual Report. This report was printed on Neenah Environment Digital PC 100 White, which contains 100% PCW (post-consumer waste), is PCF (Processed Chlorine Free), Green Seal Certified, FSC (Forest Stewardship Council) certified, and made with 100% renewable green electricity.



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