

Announcements

2018 CPSG Annual Meeting

The 2018 CPSG Annual Meeting will be hosted by Zoological Park Organization, Thailand in Bangkok from 18-21 October 2018. We will send registration information as soon as it's available.

Course Prospectus Now Available

CPSG has recently released a Course Prospectus to provide information on the different training courses CPSG offers. The courses are designed to build competencies around one or more of the following species conservation themes:



- **Conservation planning**- the design and development of effective conservation plans
- **Facilitation**- the identification and value-neutral application of appropriate rational and interpersonal tools and processes to ensure effective multi-stakeholder decision-making can be achieved
- **Communication**- the collation, dissemination and reporting on planning outputs to ensure agreement over plans to be implemented
- **Quantitative risk-assessment**- the elicitation and analysis of best available data on which to project likely future scenarios and inform the selection of most appropriate management actions
- **Leadership and management**- the development of skills required by conservation managers to be able to most effectively put species conservation plans into action

The document is available on our website <http://www.cpsg.org/our-approach/training>. We would love to bring the training to where it is needed so if you are interested in hosting one or more courses within the prospectus, please contact our Director of Training Jamie Copsey at jamie@cpsg.org.

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Thanks to our translators, Jean-Luc Berthier and Elizabeth Townsend (French), and Celia Sánchez (Spanish), for helping make this publication available in the three official languages of IUCN.



WWW.CPSG.ORG

CPSG and Chester Zoo Develop New Training Course

CPSG and Chester Zoo have teamed up to deliver an exciting new course: Facilitating Species Conservation Planning Processes. The facilitation course is designed to equip conservation professionals with the skills needed to navigate difficulties that arise during the journey through the Species Conservation Planning Cycle, especially when the situation calls for the collaboration of multiple individuals or organizations. The course is relevant to people working within zoos, universities and field programs, particularly those involved in, or wishing to be involved in, developing conservation plans.

The course will take place on Monday 30th July-Thursday 2nd August 2018 at Chester Zoo, UK. Pre-course online lectures and knowledge checks will lead up to the face-to-face taught workshop.

For more information, please email Jamie Copsey at jamie@cpsg.org or visit Chester Zoo's website.

Recent Activities

CPSG Brasil's First Annual Meeting

The need for the IUCN Species Survival Commission (SSC) to increase the scale and effectiveness of its conservation planning for species is clear, given the continued deterioration of the world's species. Brazil currently carries approximately 1,000 animal and plant species listed as Critically Endangered, Endangered or Vulnerable; 14 Red Listed species are already Extinct and four are Extinct in the Wild. On average, 700 new species are discovered in Brazil annually, stretching the country's ability to assess and plan for the conservation of this globally-significant richness. National capacity, in terms of the quantity of skilled conservation planners, is limiting Brazil's ability to respond most effectively to this international responsibility.

To address this urgent need, CPSG Brasil convenor Arnaud Desbiez put together a new team of specialists committed to heighten Brazilian species' assessments and to work on institutional capacity building for a One Plan Approach to species recovery in Brazil. In February 2018, the team participated in the first face-to-face meeting for CPSG Brasil in Foz do Iguaçu, to discuss and set priorities and a new organizational framework. The team discussed the need for training, agreed on the pillars for the future of CPSG Brasil, talked about communication strategies and planned the future workshops for 2018-2019. A summary of the meeting is available upon demand. This two-day workshop was hosted and funded by Parque das Aves. CPSG Brasil is very thankful to Parque das Aves for providing this opportunity and for all their support.

On a final note, after 14 years of existence CPSG Brasil has a new logo! A huge thank you to Pedro Bussana for volunteering his time and talent to create this. Animals selected are species CPSG Brasil has conducted workshops for (harpy eagle, tapir, jaguar) or has a history with in Brazil (golden lion tamarin).



CPSG Brasil team (clockwise): Fabiana Lopes Rocha, Arnaud Desbiez, Yara Barros, Kátia Ferraz and Silvio Marchini
Photo © Dominique Gentil



We are currently fundraising for an initiative to build species conservation planning capacity in Brazil. For more information please contact Jamie Copey jamie@cpsg.org.



Workshops

Conservation Planning for the Javan Leopard

In January 2018, CPSG convened a Population Viability Analysis (PVA) workshop followed by a Population and Habitat Viability Assessment (PHVA) workshop for the Javan leopard, in cooperation with the Indonesian Ministry of Environment (KKH), IUCN SSC Cat Specialist Group (CSG), Javan Leopard Forum, Indonesian Zoo and Aquarium Association (PKBSI), and Taman Safari Indonesia. Team members from CPSG’s main office as well as its CPSG Europe and CPSG Brasil regional resource centers and the CSG collaborated to bring a diversity of skills to this project, which began with PVA model development discussions held in May 2017.

The Javan leopard (*Panthera pardus melas*) is endemic to the densely populated Indonesian island of Java and is currently listed as Critically Endangered by the IUCN. This subspecies has undergone significant population decline and fragmentation and currently experiences the highest human population density of all leopard subspecies, making it vulnerable to human-leopard conflict. A national Javan Leopard Conservation Strategy and Action Plan for 2015-2025 was developed to address this critical situation. This action plan includes a number of activity areas such as metapopulation management, landscape-wide habitat planning, priority areas for corridors and buffers, dealing with human-leopard conflicts and conflict leopards, and *ex situ* management for conservation. CPSG was approached to provide quantitative tools, i.e., species distribution modeling (SDM) and PVA modeling using *VORTEX* software, to inform implementation of these activities outlined in the national action plan.



Photo © Christine Breitenmoser

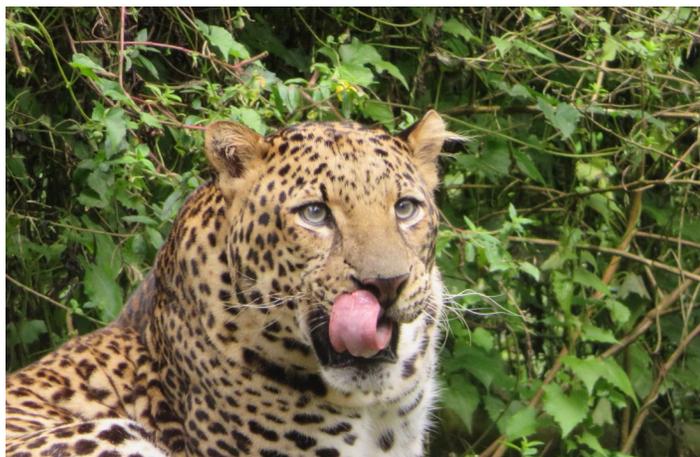


Photo © Kathy Traylor-Holzer

During the PVA workshop, participants discussed the results of the PVA and SDM models, how they can be used to guide conservation, and what would be needed to increase their effectiveness to inform conservation decisions. PHVA workshop participants then discussed the integration of human-leopard conflict occurrence data into SDM and used the SDM to identify large, good habitat patches for Javan leopards and priority areas for further surveys to improve the model so it can be used to plan corridors and buffer zones. PVA modeling was used to explore the relative importance of potential corridors to augment the small fragmented leopard populations and to investigate the viability of these populations under various conditions. Working groups also focused on aligning existing and developing common data collection protocols, facilitating work across different national and local authorities, developing effective human-leopard conflict mitigation protocols, and applying the IUCN *ex situ* guidelines to identify precise roles of *ex situ* management in the conservation of the taxon. The result was to provide supportive quantitative assessment and One Plan Approach integration to support implementation of the Javan leopard national action plan.

Joint Meeting of Global Species Management Plans for Indonesian Species

Global Species Management Plans (GSMPs) are administered by the World Association of Zoos and Aquariums (WAZA) and are international collaborations of *ex situ* managers and *in situ* partners to maintain viable *ex situ* populations that provide conservation value. The Sumatran Tiger GSMP was approved in 2008 and is WAZA's longest running GSMP. In 2016 three additional GSMPs focusing on Indonesian taxa were approved for banteng, anoa and babirusa, with significant support by the Asian Wild Cattle and Wild Pig Specialist Groups. CPSG is an important partner of all four GSMPs, contributing through facilitation, population management expertise, and application of the One Plan Approach to species conservation planning and the IUCN *ex situ* guidelines.



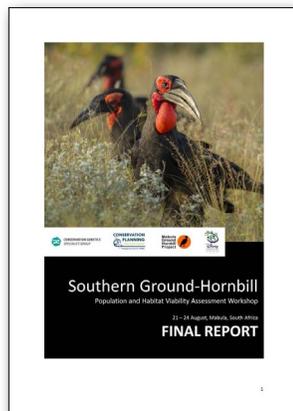
Photo © Kathy Traylor-Holzer

Collaboration among these four GSMPs can be powerful and is anticipated to promote greater impact by working together in areas such as developing structures for joint population management with the Ministry of Environment and Forestry (KKH) and the Indonesian Zoo and Aquarium Association (PKBSI), husbandry training, and *ex situ* education. This joint meeting took place in early February at Taman Safari Indonesia and was organized by PKBSI, KKH, and the Asian Wild Cattle and Wild Pig Specialist Groups in conjunction with other Indonesian and international partners. Over 90 participants attended from 50 institutions worldwide and from across the *in situ* – *ex situ* spectrum: zoos, national and regional government, NGOs, and universities. Working groups convened on population management, husbandry training, education, *in situ* activities, fundraising, and communications. For each species, breeding and transfer recommendations were developed during working group sessions led by the Indonesian studbook keepers and the GSMP population advisors and involving representatives of the PKBSI zoos, national and regional government offices, and other regional zoo associations. Great enthusiasm and team spirit emerged from these meetings, energizing all involved and promoting the future viability of the *ex situ* populations of these taxa.



Publications

Southern Ground-Hornbill: Population and Habitat Viability Assessment Workshop

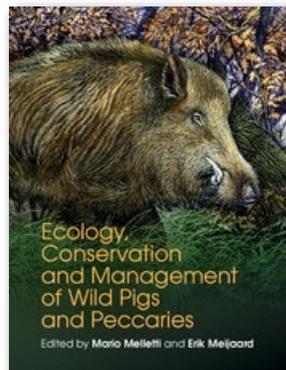


The Southern Ground-Hornbill (SGH) is an apex predator and has immense cultural value, known as the rain bird or thunder bird by indigenous people who share its habitat. Though it has national protection in South Africa, SGH populations continue to decline. It is currently listed as Vulnerable on the IUCN Red List.

Full report available on our website: <http://www.cpsg.org/content/southern-ground-hornbill-phva>

Workshop facilitated by CPSG members Lucy Kemp and Mike Bruford.

Ecology, Conservation and Management of Wild Pigs and Peccaries



CPSG's Kristin Leus contributed a chapter 'Ex situ conservation of wild pigs and peccaries: roles, status, management successes and challenges' to this new book which covers all wild pig and peccary species.

The book is now available www.cambridge.org/WildPigs. Use keyword WILDPIGS for a discount.