

## **CBSG Europe Activities**

*October 2015 – September 2016*

### **Peer reviewed publication on the IUCN/SSC Guidelines on the Use of *Ex Situ* Management for Species Conservation**

Phil McGowan (Newcastle University, Galliformes SG and the SSC Policy Subcommittee), Kathy Traylor-Holzer (CBSG HQ) and Kristin Leus (CBSG Europe) drafted a publication “IUCN guidelines for determining when and how *ex situ* management should be used in species conservation” which was accepted in Conservation Letters and is available in open access.

### **Everything you ever wanted to know about MetaModel Manager workshop**

Kristin Leus participated in the “Everything you ever wanted to know about MetaModel Manager” workshop that took place at Brookfield Zoo, 7-10 Dec 2015. Participants were taught how to build and use metamodels with the software MetaModel Manager, identified bugs or issues with the program and made a workplan for the completion and release of MMM Manual.

### **Facilitating the planning of Global Species Management Plans for anoa, babirusa and banteng**

In the official capacity of EAZA population biologist and IUCN SSC Wild Pig Specialist Group deputy chair, and using her CBSG skills of facilitation of species conservation planning meetings and the One Plan Approach, Kristin Leus worked together with the IUCN SSC Asian Wild Cattle Specialist Group, the IUCN SSC Wild Pig Specialist Group, the Indonesian Zoo and Aquarium Association (PKBSI), the relevant TAGs in both AZA and EAZA, the regional zoo association offices of AZA and EAZA and the Species Survival Commission to develop and implement WAZA Global Species Management Plans for Banteng, Anoa and Babirusa as previously agreed in an MOU between these partners. From 25-30<sup>th</sup> January, Kristin together with James Burton (Chair of the Asian Wild Cattle SG) facilitated three 2-day workshops in Bogor, Indonesia, attended by representatives from the Indonesian, European and North American zoo associations, representatives of the Indonesian government, IUCN representatives and species specialists. For each taxon, the participants jointly determined if and which role the world *ex situ* population would play in the conservation of the taxon and thus what the genetic and demographic goals of the world *ex situ* population should be, how expertise present in the *ex situ* community can help to solve particular *in situ* conservation problems and how to identify field conservation projects that address the most urgent threats to the taxa and that could make a lot of progress with relatively small scale financial support from the zoo community.

### **Chacoan Peccary Conservation Planning Workshop**

From February 29<sup>th</sup> to March 3<sup>rd</sup> thirty-one participants—including government officials and representatives of the local Indigenous,

Campesinos, and Mennonite communities and NGOs— attended a Chacoan Peccary Conservation Planning Workshop in Asuncion, Paraguay. The workshop was organized and planned by Mariana Altrichter and Harald Beck (IUCN SSC Peccary Specialist Group Chairs), Alberto Yanosky (Guyra Executive Director), Arnaud Desbiez (IUCN Peccary Specialist Group Red List Authority/CBSG Brasil Convenor), and Juan Campos (Tagua Project Field Coordinator CCCI). CBSG Brasil facilitated the workshop and Kristin Leus (CBSG Europe) and Katia Ferraz (Wildlife Ecology, Management and Conservation Lab (LEMaC, Forest Science Department - ESALQ/USP)/CBSG Brasil) led the population viability and habitat suitability analyses. Over several days, participants defined a vision for the species, reviewed the species status and threats and determined goals and actions to address the main threats including habitat loss, hunting, and lack of knowledge. The IUCN SSC Guidelines on the Use of Ex Situ Management for Species Conservation were applied during the planning process, and several roles for ex situ management were identified. CBSG facilitated and led population viability and habitat suitability analyses. The workshop was funded by the Mohamed bin Zayed Species Conservation Fund, IUCN SSC Species Conservation Planning Sub-committee, CBSG, World Land Trust, Secretaría del Ambiente (SEAM), and Copenhagen Zoo.

### **Conservation Breeding Workshop, Chester 10 March**

Bengt Holst (CBSG Europe) facilitated this workshop together with Andrea Fidgett from Chester Zoo following a two days symposium on “Innovation and Conservation Breeding: Potential, Challenges and Future Directions”. The purpose of the workshop was to have the science better integrated in conservation outcomes in zoos and in the wild. Twenty participants from zoos and from commercial breeding centres participated and exchanged ideas about how to improve captive breeding in general. First a brain storm about challenges in present captive breeding setups as well as opportunities was conducted, and based on that a similar brainstorm regarding how to overcome those challenges and how best to make use of the opportunities was done. The workshop resulted in a list of actions and will be documented in a separate publication.

### **Global ICAP for Canids and Hyaenids**

Kristin Leus contributed to the development of a new CBSG process—an Integrated Collection Assessment and Planning (ICAP) workshop. This essentially applies the decision process of the IUCN ex situ guidelines to the task of regional and/or global collection planning. Together with Kathy Traylor-Holzer (CBSG HQ) and Jennifer Mickelberg (Zoo Atlanta & CBSG North America) she designed and facilitated the first inaugural ICAP being the Global ICAP for Canids and Hyaenids held in March in Omaha, organized by the AZA Canid and Hyaenid Taxon Advisory Group (TAG) and the corresponding EAZA and ZAA TAGs, and conducted in collaboration with the IUCN SSC Canid and Hyaenid Specialist Groups. Over 30 ICAP workshop participants representing six zoo associations (AZA, EAZA, ALPZA, PAAZA, ZAA and CZA), the Canid and Hyaenid Specialist Groups, IUCN, wildlife agencies, field researchers, and recovery team members assessed 43 taxa,

including those not held in captivity as well as currently managed species, and recommended ex situ activities, as appropriate, on a regional and/or global scale. This comprehensive assessment will serve as a framework upon which zoo associations can draw for regional collection planning.

**Publications:**

McGowan, P.J.K., Traylor-Holzer, K. and Leus, K. In press. IUCN Guidelines for Determining When and How Ex Situ Management Should Be Used in Species Conservation. Conservation Letters. Doi: 10.1111/conl.12285.