

Ministry of Environment and
Forestry (Republic of Indonesia)



**ASSOCIATION
OF ZOOS &
AQUARIUMS**



ACTION INDONESIA Newsletter

Issue 3
April 2018



**GLOBAL SPECIES
MANAGEMENT PLAN**

ANOA
BANTENG
BABIRUSA

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Editor's note

by *Stuart Young, Programme Officer, IUCN SSC AWCSG*

Welcome to the third issue of the Action Indonesia newsletter. This issue follows the successful second Global Species Management Plan (GSMP) Workshop in February 2018. During this meeting, there were many fruitful discussions, and plans for anoa, banteng and babirusa conservation for the next two years were laid out. We were also joined for the first time by colleagues from the Sumatran tiger GSMP.

In this issue, we highlight the successes of this meeting, and also provide an update on visits made to some of our *in situ* and *ex situ* partners. We also highlight some key dates and events of interest.

Over the previous two years we have built a broad and strong partnership. Over the coming two years, it is essential that we continue building on this dynamic partnership and greatly increase our activities. By embracing opportunities for collaboration, we can help make further positive strides in the conservation of anoa, banteng and babirusa. This can only be achieved with your continued support and engagement, for which we are massively grateful.

If you would like more information about the Action Indonesia partnership, including joining and contributing, please contact Stuart Young (s.young@chesterzoo.org).

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ACTION INDONESIA
GLOBAL SPECIES MANAGEMENT PLAN

Plans agreed for next phase of anoa, babirusa, banteng and Sumatran tiger conservation during second ACTION INDONESIA workshop

by James Burton, Chair, IUCN SSC AWCSG

From February 5th – 9th, *ex situ* and *in situ* conservation experts on banteng, anoa, babirusa and Sumatran tiger came together for the second meeting of the Action Indonesia partnership. During this workshop, an ambitious vision was agreed for the Global Species Management Plans (GSMPs) for these species for the coming two years.

This is the first time that the Sumatran tiger has worked alongside the three Indonesian ungulate species. This greatly benefitted the workshop; it helped to align discussion for the Ministry of Environment and Forestry and Indonesian Zoo and Aquarium Association (PKBSI). By



combining forces and working together in such areas as husbandry training and education, the four GSMPs can deliver a much greater impact. We were also lucky to have participants from Japanese Association of Zoos and Aquariums (JAZA) joining this group.

A key aim of the workshop was to form plans for increasing the breeding of these species in Indonesian zoos. The Indonesian studbook keepers led important discussions with zoos to agree the next set of breeding and transfer recommendations.

Further, the workshop employed the One Plan approach of combining both *in situ* and *ex situ* activities. Experts from Java and Sulawesi discussed and

agreed activities for the next two years to support *in situ* conservation of banteng, anoa and babirusa.

Over the coming months, a Masterplan will be written that will describe the vision and priorities to achieve over the next two years. It is critical that there is a large increase in activity in order to make a significant contribution to the conservation of these GSMP species, and the Masterplan will help us achieve that.

The workshop was attended by 91 participants from 50 institutions, including Indonesian, European and US zoos as well as NGOs, universities and the Indonesian Ministry of the Environment and Forestry.

The GSMPs have an exciting future, with much success ahead. This will be achieved by even greater cooperation between all the partners!



The GSMP planning workshop: a new perspective

by Amy Treanor, Curatorial Assistant, Chester Zoo

Amy Treanor assists Tim Rowlands in his role as coordinator of the banteng European Endangered Species Programme (EEP). Amy produced training materials for the Banteng Husbandry and Transportation Training workshop in July 2017, and this year attended her first GSMP meeting. Here, she gives us an overview of her experience and impressions.

At the beginning of February 2018, GSMP convenors and committee members gathered in Cisarua, Bogor, and were kindly hosted by Taman Safari Bogor, in order to review the progress made in the previous two years and to plan for the coming two years.

As someone who became involved with the GSMP programme part way through – after the initial masterplans had been created and the first set of breeding and transfer recommendations had already been proposed – it was hard to comprehend exactly how much work, time and planning had gone into getting this far.



Being offered the chance to participate in the second GSMP planning workshop was a great opportunity to help truly understand the process of the GSMPs and see

how their One Plan Approach towards the conservation of banteng, babirusa, and anoa was coordinated. The fantastic turnout from Indonesian, European and US zoos, representatives from the Ministry of the Environment and Forestry, NGOs and universities really signified the success and progression of the GSMPs so far.

The strong partnerships that had already formed over the previous two years were apparent in this meeting and helped facilitate open discussions, the sharing of ideas and problem-solving.

With the continued cooperation of all partners, the GSMPs can continue to go from strength to strength. The programme really highlights the significant impact this collaborative approach to conservation can have in a relatively short time.

New GSMP Working Groups

During the workshop new thematic GSMP Working Groups were set up. These will allow more effective coordination across the GSMP and encourage smaller groups to progress more efficiently with their area for work. If you are interested in becoming involved in any of these Working Groups, please contact the relevant leaders (see contact list below):

- Banteng Population Management
 - Ivan Chandra (ivan@tamansafari.net)
 - Steve Metzler (smetzler@sandiegozoo.org)
- Anoa Population Management
 - Yohana Tri Hastuti (yohanavet@tamansafari.net)
 - John Andrews (jandrews@lpzoo.org)
- Babirusa Population Management
 - Sri Pentawati (pipentakbs_94@yahoo.co.id)
 - Joe Forys (jforys@auduboninstitute.org)
- Husbandry Training
 - Ligaya Tumbelaka (tigressgaya@gmail.com)
 - Steve Metzler (smetzler@sandiegozoo.org)
 - Tim Rowlands (t.rowlands@chesterzoo.org)
 - Joe Forys (jforys@auduboninstitute.org)
- Education
 - Charlotte Smith (c.smith@chesterzoo.org)
 - Ligaya Tumbelaka (tigressgaya@gmail.com)
- Banteng *in situ*
 - Carl Traeholt (cat@zoo.dk)
- Anoa and babirusa *in situ*
 - Haris Mustari (haris.anoa@yahoo.com)
 - James Burton (jamesaburton@yahoo.co.uk)
- Fundraising and Communications
 - Jeff Holland (j.holland@cctu.biz)
 - Terry Hornsey (terry.hornsey@africa-alive.co.uk)
 - Matt James (matthew.james@miamidade.gov)



Husbandry and Transport training: follow-up visit to Surabaya Zoo

by Jeff Holland, Director of Conservation, CCTU

Following the workshop, a seven-member team of the GSMP (James Burton, Yonathan, Jeff Holland, Joe Forsys, Malcolm Fitzpatrick, Stuart Young and Jamie Jackson) visited Surabaya Zoo to follow up on the October 2017 anoa and babirusa Husbandry and Transportation Training workshop. They received feedback and provided advice on the management and husbandry of the four GSMP species.

One of the recommendations from last year's husbandry training was that browse (twigs and leaves of trees) should be provided to anoa on a daily basis. This would vary the diet and improve nutrition. This had been implemented, and the

anoa were being fed browse twice a day. This was clearly beneficial to the anoa, as they were noticeably calmer than on previous visits.

While there had been some modifications made to the banteng holding stalls, the feasibility of adding a chute system to move animals between stalls was discussed. Possible designs and solutions for this will be provided by Jeff Holland.

Additional fencing had also been installed to create a transfer

and turn out area for some of the babirusa. This would allow more space for babirusa, and the ability to move animals between enclosures. The GSMP team and zoo staff discussed the ways in which an unused area among the babirusa holding pens could be best utilised, and a number of solutions, including ideas for the design of extra holding pens, were identified. Completing these new holding areas, as well as providing nesting for females, will allow these very valuable animals to start breeding.

Accompanying the GSMP team was Malcolm Fitzpatrick of the Zoological Society of London (ZSL). Malcolm was able to provide advice and recommendations on Sumatran tiger husbandry and gave a presentation on the enrichment used at ZSL.

Overall the visit was very positive and well received by all involved. There was a lot of fruitful discussion, and hopefully the suggestions made during this visit will help facilitate the breeding of these GSMP species.



Enhancing *in situ* conservation for anoa and babirusa on Sulawesi

by Jeff Holland, Director of Conservation, CCTU

The 'One Plan' approach to species conservation unites *in situ* and *ex situ* activities. This creates an integrated species conservation plan:

<http://www.cpsg.org/our-approach/one-plan-approach-conservation>

There were also additional visits by members of the GSMP (James Burton, Joe Forys and Jeff Holland) to provincial offices (KSDA) of the Ministry of Environment and Forestry on Sulawesi. Here, the GSMP team were able to provide an overview of the Action Indonesia GSMPs and explain the *in situ* assistance the GSMPs could provide. Also, they were able to assess the



frequency of anoa and babirusa rescues and confiscations, as well as assessing the needs of the forestry offices.

Visiting the Palu and Gorontalo KSDA offices highlighted several ways in which the GSMPs could assist with the *in situ* conservation of anoa and babirusa. Providing extra camera traps would greatly enhance the forestry offices ability to monitor their protected areas, and improving animal holding facilities would enable them to better house rescued and confiscated animals.

After visiting the two KSDA offices, the team made the long trek to the Nantu Protected Area. Here they spent six hours at a salt lick and were able to see 28 wild babirusa! Zulham, the Head

Officer, and his team of rangers are doing an excellent job in providing the necessary protection for Nantu and are clearly very dedicated.

The visits to both offices were very productive and allowed the first discussion of how the GSMP could work with these offices and contribute to the *in situ* component of anoa and babirusa conservation. A follow up visit to Sulawesi and meetings with KSDA will allow more detailed discussions to occur and an agreed set of activities.



Embracing the One Plan approach to banteng conservation in Baluran National Park

by Matt James, Animal Science Division Chief, Zoo Miami

Steve Metzler, Matt James and Ivan Chandra visited Baluran National Park in the days ahead of the 2nd GSMP workshop. During our visit we were able to meet

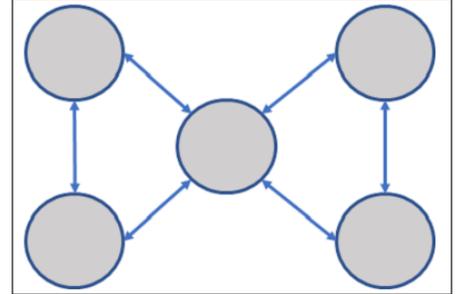
with the park officials to discuss ways in which the GSMP and its collaborating institutions could support the park's efforts in wild banteng conservation as well as the banteng breeding centre that is situated within the park. We identified what were the priorities for support of the breeding centre and how the GSMP can contribute.

Through our discussions with the staff it was determined that they would benefit best from in-kind support for materials to build additional holding pens, as well as a 50-hectare pen.

We also identified where the GSMP's collective expertise could help in the design of the expansion and the management of the banteng breeding centre. During the visit we were able to outline the meta-population approach

(see box, below) and explain Baluran's important role as a breeding centre and as a future site for potential reintroduction of banteng produced through Indonesian zoos' banteng breeding program.

A meta-population is a "population of populations" – spatially separated populations of a species that are linked by the movement of animals.



Moving forward, we will work with the park staff to help design future holding pens. This includes determining which fence materials are best suited for the application and available in Indonesia, the costs of these materials, and how to get those materials to Baluran.



New staff

by Stuart Young, Programme Officer, IUCN SSC AWCSG

Finally, I'd like to introduce myself! I'm Stuart Young, the new Programme Officer for the IUCN Asian Wild Cattle Specialist Group. Having previously worked on a number of *in situ* conservation projects, and recently working as an intern with Chester Zoo and the AWCSG, I am excited to be able to help these

GSMPs develop. I met many of you during the workshop – which as my first couple of weeks in this role was something of a baptism of fire! – and I look forward to working closely with you all towards the conservation of anoa, banteng and babirusa.



Upcoming Events

- EAZA Annual Conference 2018 (Athens, Greece)
– 18/09/2018 – 22/09/2018
Further info: <https://www.eaza.net/events/eaza-annual-conference-2018/>
- WAZA Annual Conference 2018 (Bangkok, Thailand) – 21/10/2018 – 25/10/2018
Further info: <http://www.waza.org/en/site/get-involved/waza-annual-conferences/future-annual-conferences>
- SEAZA Annual Conference 2018 (Chiang Mai, Thailand) – 28/10/2018 – 02/11/2018
Further info: www.seaza.net/Events
- PKBSI-GSMP Training Workshop – October 2018 (dates TBC, prior to PKBSI Annual Conference)
Further info: www.izaa.org
- PKBSI Annual Conference – October 2018 (dates TBC)
Further info: www.izaa.org

Supporters of the GSMP workshop

The second GSMP workshop was generously supported by the following zoos and institutions:



A massive thank you must also go to all the participants of the GSMP workshop, and the Indonesian and international institutions that funded their attendance. We must also thank our hosts, PKBSI and the Ministry of Environment and Forestry, for the warm welcome given to all participants and Safari Lodge, Cisarua, for their hospitality.



Contacts

For more information about the Action Indonesia GSMP partnership, please contact:

- James Burton (Chair, IUCN SSC AWCSG) jamesaburton@yahoo.co.uk
- Stuart Young (Programme Officer, IUCN SSC AWCSG) s.young@chesterzoo.org
- Yonathan (PKBSI-GSMP Coordinator) yonathano30892@gmail.com

For further information regarding specific Working Groups, please contact the relevant group leaders (see New GSMP Working Groups).

For further updates, follow the IUCN SSC AWCSG on social media:



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Please enjoy this issue of the Action Indonesia Newsletter.

We look forward to hearing from you!



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