

The  
**ANNAMITICUS**  
QUARTERLY

Vol. 1 / Issue 2 / August 2013

#rhinopalooza p. 02/ Remembering Anna p. 08/ World Rhino Day p. 09/  
BADAK! p. 10/ Pangolins p. 29 / Bookshelf p. 32 / THE PRICE Update p. 33/  
Closing Thoughts p. 34

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# Editor's note

Welcome to the second issue of the Annamiticus Quarterly!

Wow, these past few months have been incredible! Preparations for the FOURTH annual World Rhino Day (September 22!) started in May, when I presented "World Rhino Day: You're Invited!" at the International Rhino Keeper Workshop in San Diego. I'm thinking there will be a significant increase in zoo participation! Then in June, I had the opportunity to join the "Bowling for Rhinos" tour to Indonesia, where we visited the Sumatran Rhino Sanctuary and Javan Rhino Study and Conservation Area. The BFR trip was perfect for the filming and research I needed for our upcoming educational web series called *Ancient Rhinos of Southeast Asia*. Reaching Java was personally significant to me, since it was the alarmingly low numbers of the Javan rhinos which brought me into the wildlife world back in 2007.

Enjoy!

Rhishia



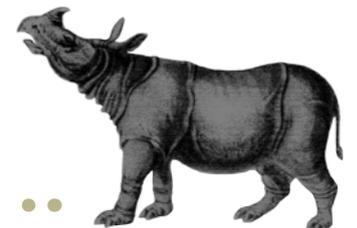
# #rhinopalooza



## international rhino keeper association workshop 2013

"San Diego did a great job organizing another successful Rhino Keeper Workshop. It is always wonderful to see the support this workshop receives from institutions around the world, whether it is by having a keeper represented at the workshop or through other avenues. We thank everyone for that support and hope it helps rhino keepers continue grow in this profession and have a positive impact on rhino conservation."

Adam Felts, IRKA President



# #rhinopalooza 2013

The International Rhino Keeper Association's eighth biennial Workshop kicked off on Cinco de Rhino (Sunday, May 5th) and was hosted by San Diego Zoo Safari Park. I attended the conference with Annamiticus co-founder Andrew Larson (who also happens to be my husband). This year's IRKA Workshop (the second which I've attended) was an incredible learning experience for both of us and I was honored to be invited to give a presentation about World Rhino Day!

At the Cinco de Rhino Ice Breaker raffle, IRKA raised over \$1,000 for Rhino Protection Units (RPUs) in Africa and Asia! Lunchtime roundtable discussions were held on Tuesday and Thursday. These covered a variety of topics, including Fundraising, Hosting a Workshop, Hosting a Cinco de Rhino or World Rhino Day celebration, and Joining the IRKA Board of Directors. I hosted the World Rhino Day roundtable discussions, where we engaged in brainstorming and idea-sharing among different participants on each day.

Dr. Susie Ellis, Executive Director of the International Rhino Foundation provided a thorough "State of the Rhino" keynote address — both the good news and the not-so-good. The following day was introduced by Cathy Dean from Save the Rhino International, who gave an overview of the important work being done by SRI.

As part of the Workshop, attendees went on two "field trips". Following the speaker presentations on Tuesday, we went to the San Diego Zoo, including the Frozen Zoo® at the Center for Conservation and Research of Endangered Species (CRES). Although we got up close and personal with the greater one-horned rhinos, I confess my favorite part of the zoo day was meeting Baba the white-bellied pangolin for a second time!

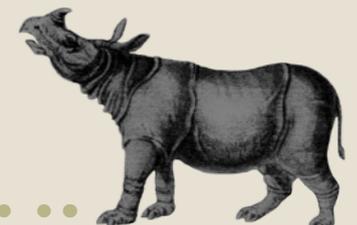
On Thursday, we were treated to an amazing tour of the 1,800-acre San Diego Zoo Safari Park, where we saw all 23 of the resident rhinos! It was Nola, one of the park's two Northern white rhinos, who immediately captured my heart. Nola and Angalifu are two of the world's seven surviving Northern white rhinos, with four in Kenya and one in the Czech Republic.

Nola!



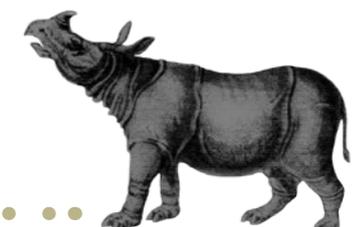
# “Learn. Share. Save.”

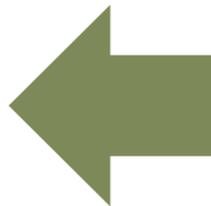
— Jane Kennedy (Lead Keeper, San Diego Zoo Safari Park; Vice President, International Rhino Keeper Association; North American Regional Studbook Keeper, Greater One-Horned Rhinoceros)



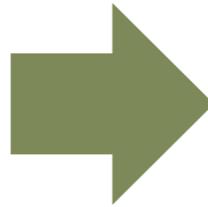
Selected slides from "World Rhino Day: You're Invited!"  
 Presented on May 8, 2013  
 by Rhishja Cota-Larson, Annamiticus  
 at the 8th Biennial International Rhino Keepers Association Workshop  
 San Diego, California USA

<p><b>World Rhino Day</b></p> <ul style="list-style-type: none"> <li>Celebration: 22 September</li> <li>Education through celebration: World Rhino Day celebrates all five species</li> <li>Opportunity: Awareness, fundraising, education</li> <li>Demand reduction: Highlight efforts to debunk the medicinal myths about rhino horn</li> <li>Global: Virtual and everything in-between!</li> </ul> 	<p><b>WHO? EVERYONE!</b></p> <ul style="list-style-type: none"> <li>NGOs</li> <li>Zoos</li> <li>Schools</li> <li>Business</li> <li>Cause-related organizations</li> <li>Members of the public</li> </ul> 	<p><b>Unique AND United</b></p> <ul style="list-style-type: none"> <li>Special tours</li> <li>Parades</li> <li>Classroom projects</li> <li>Fundraising dinners</li> <li>Auctions</li> <li>Poster displays</li> <li>Social media</li> </ul> 
	<p><b>2010</b></p>   <p><b>Make Noise for Rhinos:</b> "World Rhino Day, a global campaign initiated by WWF, calls on all concerned citizens of the world to dust off their vuvuzelas, toot their horns, blow their didgeridoos and make as much noise as possible at 1:00 PM Central Africa Time (on September 22), as a symbolic act to send a powerful message to leaders that the time to take serious and effective action against rhino poaching is now."</p>	<p><b>Virtual World Rhino Day</b></p> 
<p><b>2011</b></p>   <p>"It all started with an email..."      "Rhino Horn is NOT Medicine"</p>	 <p><b>Getting Offline</b></p>	
<p><b>2012: A Pivotal Year</b></p> <ul style="list-style-type: none"> <li>Third Annual World Rhino Day!</li> <li>Five Rhino Species Forever!</li> <li>World Rhino Day website and Facebook page!</li> <li>Zoo!</li> <li>14 countries!</li> </ul> 	<p><b>World Rhino Day 2013</b></p> <ul style="list-style-type: none"> <li>Go wild! No limits to creativity!</li> <li>Goal: Participation in every rhino range state AND every zoo with rhinos!</li> <li>Increase NGO involvement!</li> <li>Education through celebration!</li> <li>2012 video <a href="http://youtu.be/1j3Iaz5m6tw">http://youtu.be/1j3Iaz5m6tw</a></li> </ul> 	<p><b>Thank you!</b></p> 

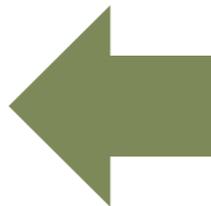




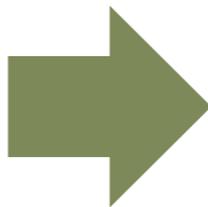
Dr. Ollie Ryder (center) shows off a special painting made by Nola, with Lance Aubery (L) and Jane Kennedy (R); San Diego Zoo Global.



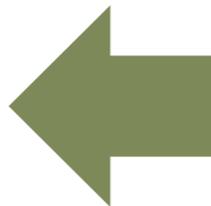
Dr. Dedi Candra (L) from the Sumatran Rhino Sanctuary in Indonesia and Cathy Dean (R) of Save the Rhino International chatting at the poster session.



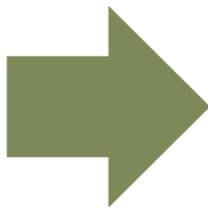
Henry Opio (L) from the Uganda Wildlife Education Centre presented Wendy Shaffstall (R) of the Cincinnati Zoo with hand carved rhino figurines.



Bob Cisneros introduces Baba, the only pangolin in a zoological institution in the Western Hemisphere.



Amit Sharma of WWF presenting "Indian Rhino Vision 2020" overview and updates.



Annamiticus co-founder Andrew Larson meets a giraffe.





## 5 Takeaways from the Rhino Keeper Workshop

by Andrew Larson, MBA, CFP®  
Annamiticus Co-Founder

- 5) San Diego Zoo and wildlife park were great hosts. This was an amazing experience! The event ran smoothly. The zoo and wildlife park were top flight facilities with beautiful animals and habitats. The cacti and succulent gardens were sublime. Seeing Nola get in her mud wallow was the best!
- 4) The dedication of the IRKA membership was fantastic. These folks are leading experts that dedicate their lives to rhinos. Many have been leaders for decades. This comes with great sacrifice for many, as I am sure there may be more lucrative careers.
- 3) The great unity of IRKA. There are biannual meetings, mentorship, and sharing of best practices. I wish this was the case in my business. I do not know of other species that share the same camaraderie. It gives great hope to all rhinos and lovers of rhinos.
- 2) The dedication of the zoos of the world to not just preserve their own animals, but the major role zoos play in field conservation is a story that needs to be told! The zoos of the world never seem to get enough credit for their efforts in the field.
- 1) There is tremendous opportunity for NGOs to partner with zoos to educate the public about the crisis that rhinos face. There is also opportunity to grow public awareness through special events like World Rhino Day, Bowling For Rhinos and Cinco De Rhino. Special daily exhibits can educate as well.

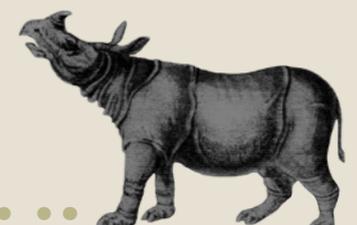
**I left San Diego charged up and ready to double my efforts. There is great hope for rhinos with IRKA and I treasure my experience as their guest.**



### Dinner with friends at #rhinopalooza:

Annamiticus, International Rhino Foundation, Save the Rhino International, Sumatran Rhino Sanctuary and WWF all represented at one table!

L- R: Rhishja Cota-Larson, Andrew Larson, Dr. Susie Ellis, Bill Konstant, Cathy Dean, Dr. Dedi Candra, Amit Sharma



# Remembering Anna

by Christine Bobko  
Denver Zoo/IRKA Board of Directors



*Photo courtesy of Christine Bobko*

In 1995, I had the great honor of being one of the Bowling for Rhinos winners which afforded me the opportunity to spend one-on-one time with my hero Anna Merz. As a fledgling rhino keeper, and a woman to boot, Anna was someone that I admired for her courage, passion and commitment in helping to save the species that now held my heart captive. Before our trip, I started to write to Anna to introduce myself, and also literally to relieve the excitement that was building up within my body. I never imagined that she would write me back being so busy running a sanctuary and trying to save a species, but incredibly she did. She not only wrote me back, but was equally as excited about meeting another rhino nerd!

Upon meeting Anna, we immediately hit it off from the start, and my adventure began! Each day would start with tracking rhinos from the truck, and then followed on foot. My mind was filled each day with new information about behavior, ecology, tracking, protection and nutrition. Along with all this information, I was lucky enough to meet her beloved rhino Samia which she had hand raised from a calf. It was very amusing to watch Anna each morning and afternoon, lead this full grown and very pregnant rhino away from the vehicle with a bag of horse treats. What a sight indeed! The bond between this rhino and Anna was palpable, and it was amazing to be in the presence of such a wonderful relationship.

Anna had a great sense of humor, and we would spend the evenings sitting around her table listening to her many great stories. One of my favorites was when she came around the corner of her house, and before she knew it, she had been hit on the face with venom from a spitting cobra. She got so upset, that instead of calling for help immediately, she decided to go and get a hoe and then proceed to whack the snake to pieces. After getting that sorted, she then proceeded to go into the house and calmly call for help. She also kept a

little chicken coop of guinea pigs on her property. We would have to pass the barn everyday on our way to our rooms, and as we did they would erupt in little squeals. I asked Anna one night what do you keep the guinea pigs for? She informed us that she ate them, but we couldn't try any at the moment because she still remembered who the ones in the freezer were, and she needed time to forget their faces!

One day, Anna decided to take us white water rafting on the Tana River which was a great adventure for sure! As we geared up with life preservers and helmets, Anna added her own special piece of equipment to the mix, a bright pink hand scarf, which she proceeded to wrap around her head and over her mouth. Thinking that this was for bugs, I asked Anna if this was the purpose, but she replied "No my dear, if we hit a rock, my teeth might fly out and this will catch them!" What a character!

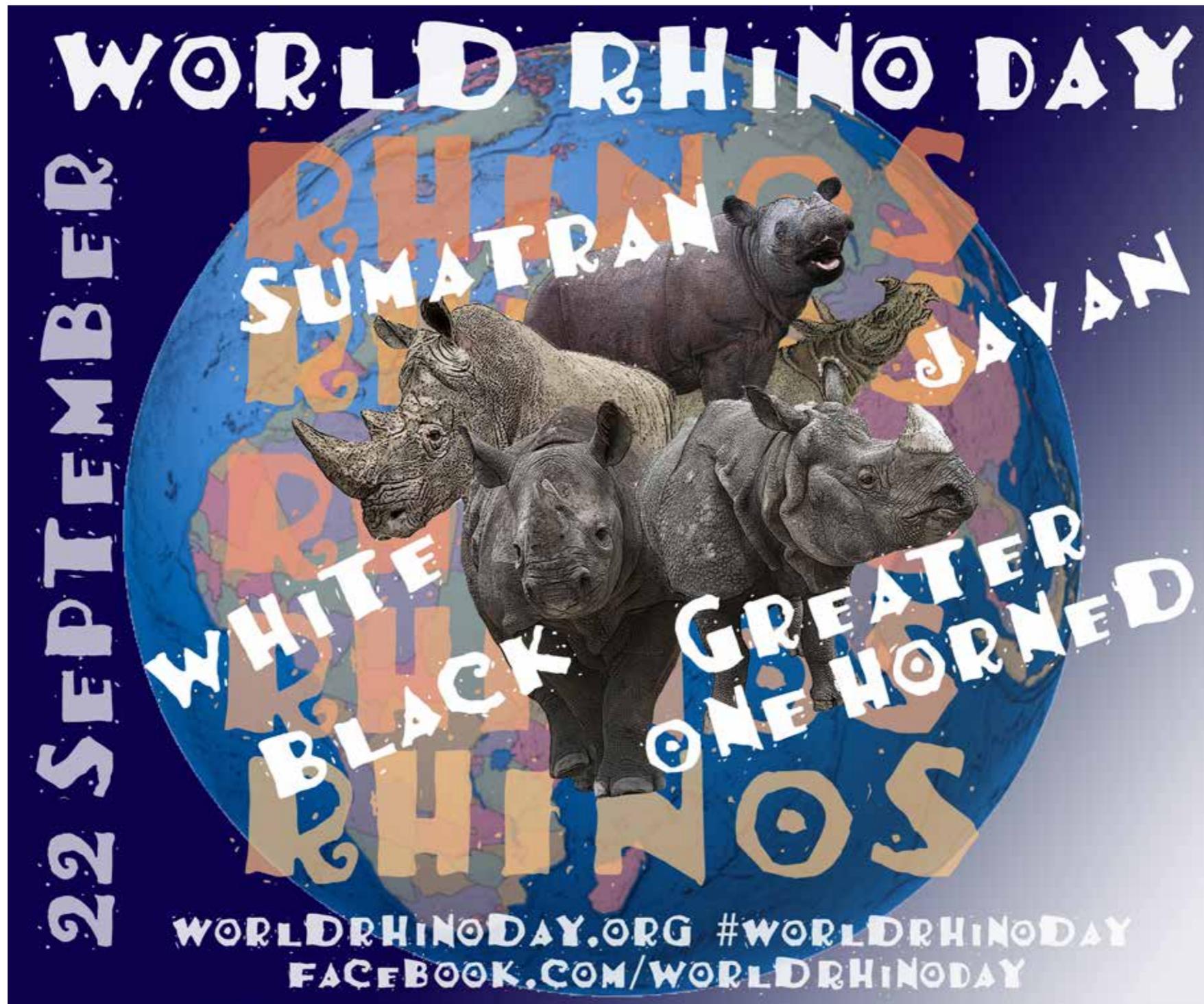
Before my trip to Africa, our black rhino program endured a tremendous loss in the deaths of our best breeding pair. I carried my beloved rhino's ashes with me in hopes of releasing them to Africa, but in no way had any idea of how that was going to be done. My most beloved memories of Anna involve the incredibly special ceremony she performed in which my rhinos were released to the spirit of Africa. Upon sacred ground in which she had spread her late husband Karl and beloved dog Sambo's ashes, my rhinos were welcomed home. As we drove to the site to release the ashes, the animals were noticeably absent. As we left the escarpment, I was gently crying in the back seat, but started to slowly start to see animals appear. All of a sudden, as we made a turn around this bend in the road, a black rhino and her calf stood looking at us. Anna, immediately put on the brakes, turning around to me, she said "I am not a spiritual person, but this is absolutely incredible". At that point, I knew my rhinos were home, and it has remained one those defining moments in my life. I thank you Anna.

You will be greatly missed Anna, and I thank you from the bottom of my heart for sharing your passion and commitment, and helping to ignite another's for this incredible species.

*Reprinted from The Crash Newsletter for Rhino Professionals, June 2013, courtesy of Christine Bobko.*



# HERE COMES WORLD RHINO DAY 2013!



**WORLD RHINO DAY**

**RHINOS**

**SUMATRAN**

**JAVAN**

**WHITE**

**BLACK**

**GREATER ONE HORNED**

**22 SEPTEMBER**

**WORLD RHINO DAY.ORG #WORLD RHINO DAY**

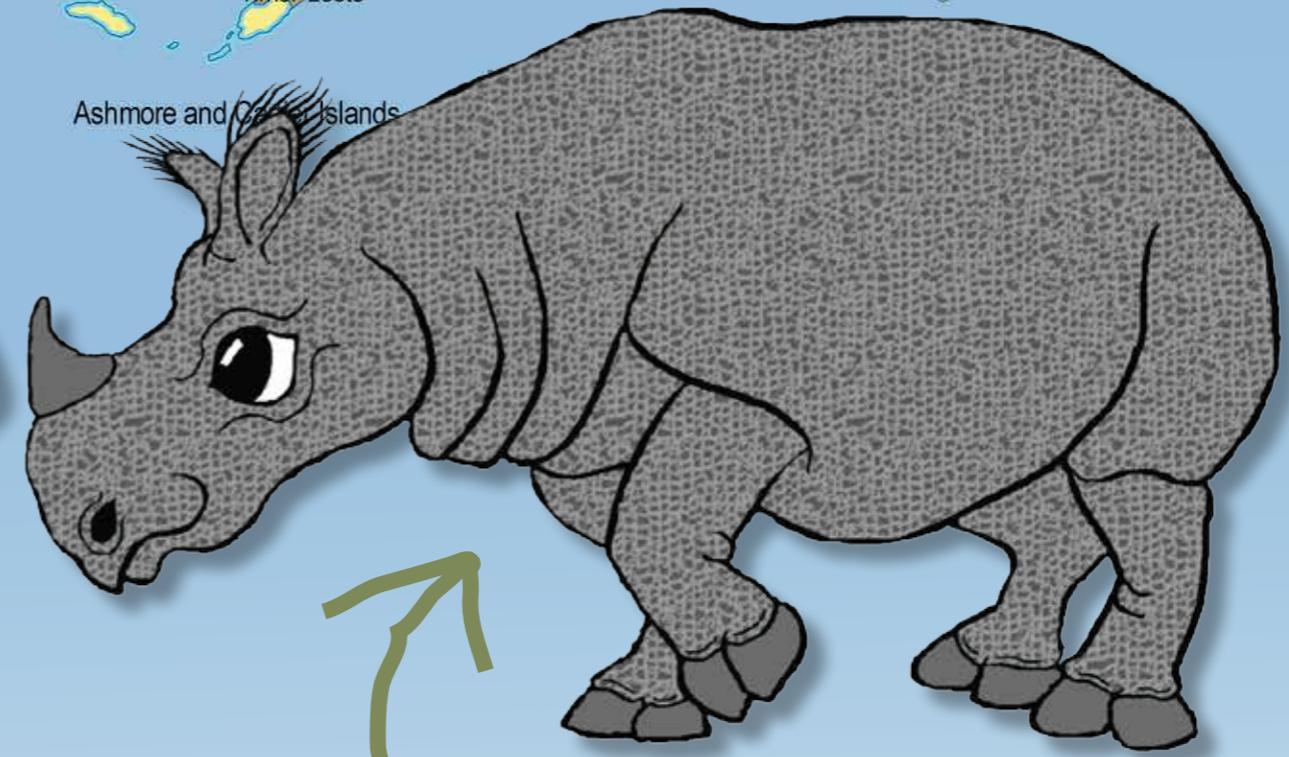
**FACEBOOK.COM/WORLD RHINO DAY**

## ARE YOU READY?





Badak Sumatera



Badak Jawa



“The world’s two rarest rhino species have been pushed to the brink of extinction, so what’s being done now to save them will ultimately determine their future.

We are both writing and witnessing conservation history.”

*Bill Konstant, Program Officer, International Rhino Foundation*



# ANCIENT RHINOS OF SOUTHEAST ASIA

STARTS 22 SEPTEMBER



# BADAK!

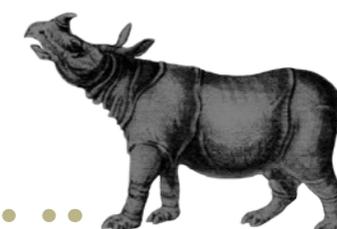
Without a doubt, Sumatran and Javan rhinos are the most seriously threatened rhino species. It is believed that the Sumatran rhino population has declined to less than 100 individuals and there are fewer than 50 Javan rhinos.

Bill Konstant, Program Officer for the International Rhino Foundation (IRF), points out that “more than 90% of their populations are restricted to four Indonesian national parks – Bukit Barisan Selatan, Gunung Leuser, Way Kambas and Ujung Kulon. Rhino Protection Units (RPUs) managed by the International Rhino Foundation (IRF) and its Indonesian counterpart, Yayasan Badak Indonesia (YABI), help Indonesia’s Ministry of Forestry safeguard these populations.”

But Sumatran and Javan rhinos are not mainstream. Most people probably don’t even think of Indonesia when they think of rhinos! I’ve been wanting to change that perception for quite some time, and plans for an educational web series “Ancient Rhinos of Southeast Asia” started taking shape last year.

The “Ancient Rhinos” project officially launched in April 2013, when I received what turned out to be a **Very Important Email**: Available space on the Bowling for Rhinos tour to Indonesia! The itinerary was ideal for our “Ancient Rhinos” project, so I secured a place and prepared for the trip. IRF’s Bill Konstant, and Inov, Indonesian Liaison for IRF, led the tour. My other companions were Logan Agan and Gil Myers, (among the four top fundraisers in last year’s BFR event), Jennifer Ludwig, formerly with the Maryland Zoo, Lynn Blattman of the Cincinnati Zoo’s Center for Conservation and Research of Endangered Species (CREW), and Lynn’s husband, Gary.

Konstant explains that, “A significant amount of the funding for the RPUs comes from the American Association of Zookeepers (AAZK). Last year, AAZK chapters across the United States raised more than \$330,000 to support rhino conservation initiatives in Africa and Asia, including the RPU program, and the bulk of the funds were raised at Bowling for Rhinos events.”





After a short flight from Jakarta, we spent one night in Bandar Lampung, Sumatra. The next morning, we headed for the Sumatran Rhino Sanctuary (SRS) in Way Kambas National Park!!

While at the SRS, we learned all about the amazing work that is being done to rescue this species. The Rhino Protection Units (RPU) gave us a presentation of their vital role in protecting the forests where Sumatran rhinos, tigers, elephants, pangolins, and other threatened species occur. Dr. Dedi Candra, SRS veterinarian, gave a presentation about the semi-captive facility and breeding program.

We also had the opportunity to watch Dr. Dedi perform ultrasounds on Bina and Rosa, the two female Sumatran rhinos who will be the mothers of Andalas's next calves!



# Way Kambas National Park!

The RPU's took us by boat to one of their camps near the Way Kanan River, followed by a hike where they pointed out wildlife signs, such as tiger prints. Of course, this trek was just a glimpse into the challenging work done by the RPU's, who spend two weeks (or more) a month away from their families, keeping the forest and its inhabitants safe from illegal activities.



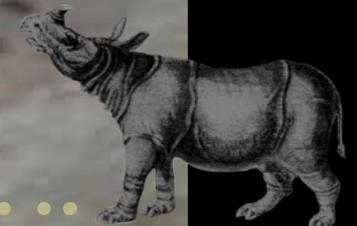


# Andatu

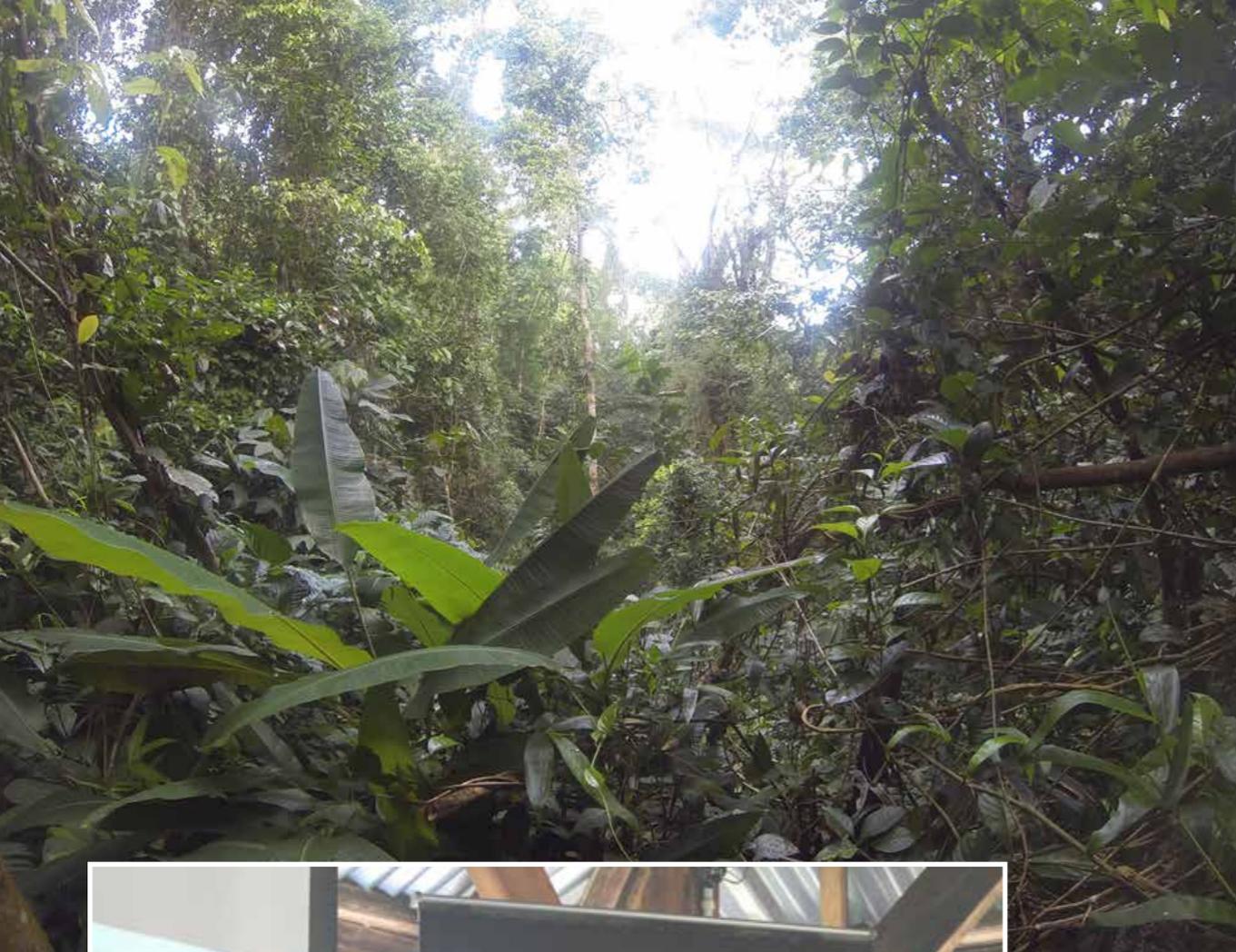
Meeting the five resident rhinos at the Sumatran Rhino Sanctuary was a nearly indescribable experience.

I am both disgusted and infuriated that humans have not only hunted this species (bogus rhino horn remedies!) to the point where they are extinct everywhere except Indonesia (a few remain in Malaysia), but that palm oil production continues to destroy and fragment their habitat.

As I spent time with Andatu, Ratu, Andalas, Ross, and Bina, I couldn't help but feel these gentle souls were well aware of their situation, and trusted us to ensure they would not be the very last of their kind.







We departed Way Kambas National Park for the town of Kota Agung, where we spent the night before driving up the VERY twisty mountain road to Bukit Barisan Selatan National Park. At Bukit Barisan Selatan, we met with park officials and then spent the day with the RPU's at their camp. The RPU's led us on a challenging hike through the park's steep muddy terrain, and then treated us to an incredible lunch of fresh seafood. RPU Hartato gave a presentation about their work in Bukit Barisan Selatan National Park and the surrounding communities.

*Not only are the guys patrolling the park and monitoring its wildlife, they raise awareness with local exhibitions and educational activities!*



# Planting trees in "Bowlers Alley"!

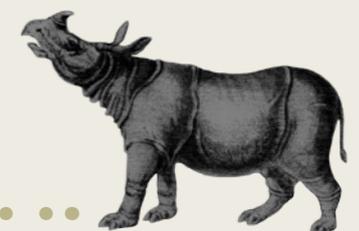
After lunch, the RPU's and the Minister of Forestry presided over the Bowling for Rhinos tradition of planting a tree in "Bowlers Alley", which concluded our stay at Bukit Barisan Selatan National Park. I was surprised but quite happy to be included in this special ceremony and to have the privilege of planting a tree in Bukit Barisan Selatan National Park!



Thanks to RPU Uga, a pangolin trafficker is now behind bars in Indonesia. It was an honor to meet Uga at Bukit Barisan Selatan National Park and say **THANK YOU** in person!



*In August 2012, RPUs and park rangers acting on an informant tip-off nabbed an armed suspect in a village just outside Bukit Barisan Selatan National Park. The suspect was carrying 14 dead pangolins, 5 kg of pangolin flesh, and 1.5 kg of pangolin skins in his vehicle. He was also in possession of heroin and an automatic weapon.*



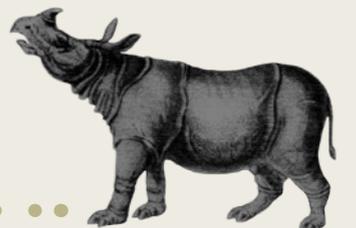


# Badak Haiku

by Lynne Blattman

Cincinnati Zoo's Center for Conservation  
and Research of Endangered Species (CREW)

Leave your comfort zone  
Embrace a different culture  
Help save the rhino!





Ujung Kulon National Park, located on the western tip of Java, is the only known location of the Critically Endangered Javan rhino.



Javan rhino statue at the entrance to Ujung Kulon National Park!

# The search for JAVAN RHINOS!





Filming as we cross Welcome Bay!

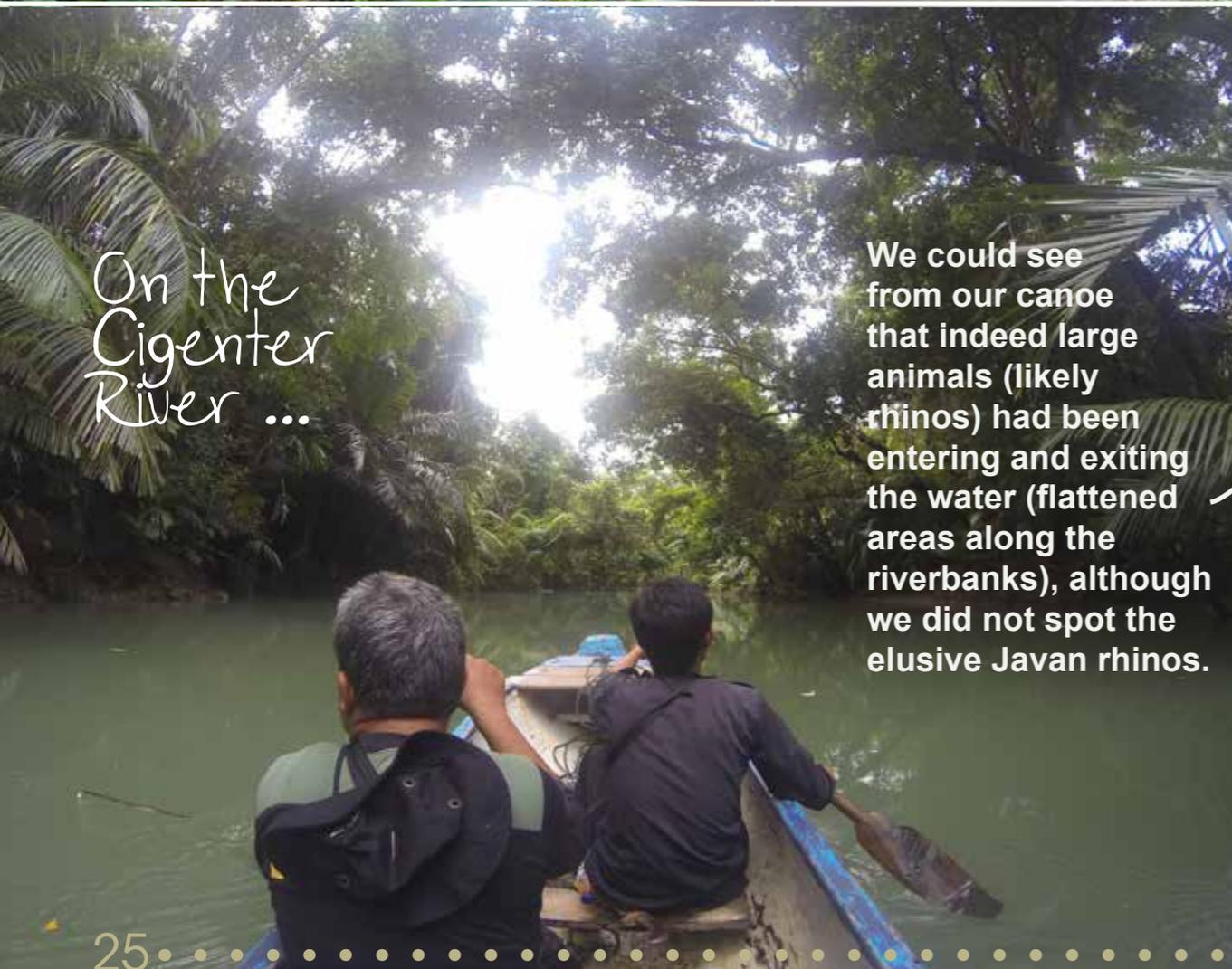
Heading to Handeulem Island, our home for the next few days. Handeulem serves as a base of operations for Ujung Kulon's Rhino Protection Units (RPUs).



# JAVAN RHINO HABITAT

Not only are Javan rhinos shy and elusive, their terrain is quite a challenge to navigate. It's wet, muddy, dense and filled with thorny plants. In addition, there is the risk of contracting malaria.

Javan rhino wallow!!



On the Cigenter River ...

We could see from our canoe that indeed large animals (likely rhinos) had been entering and exiting the water (flattened areas along the riverbanks), although we did not spot the elusive Javan rhinos.

Javan rhino sign!!





Widodo Ramono, Executive Director of the Rhino Foundation of Indonesia (Yayasan Badak Indonesia/YABI), presided over the dedication of the construction of a 10-mile fence that will help protect Javan rhinos inside the JRSCA. Each of us etched our names in the wet concrete of the fence post footings.

The Javan Rhino Study and Conservation Area (JRSCA) project is increasing suitable rhino habitat in Ujung Kulon by clearing the invasive “langkap” palm. Already 100 acres have been cleared and rhino food plants are recolonizing the forest floor! (L) Inov, International Rhino Foundation’s Indonesian liaison and our guide; (R) Yanto Santos, Javan Rhino Study and Conservation Area (JRSCA) project director.

Widodo Ramono

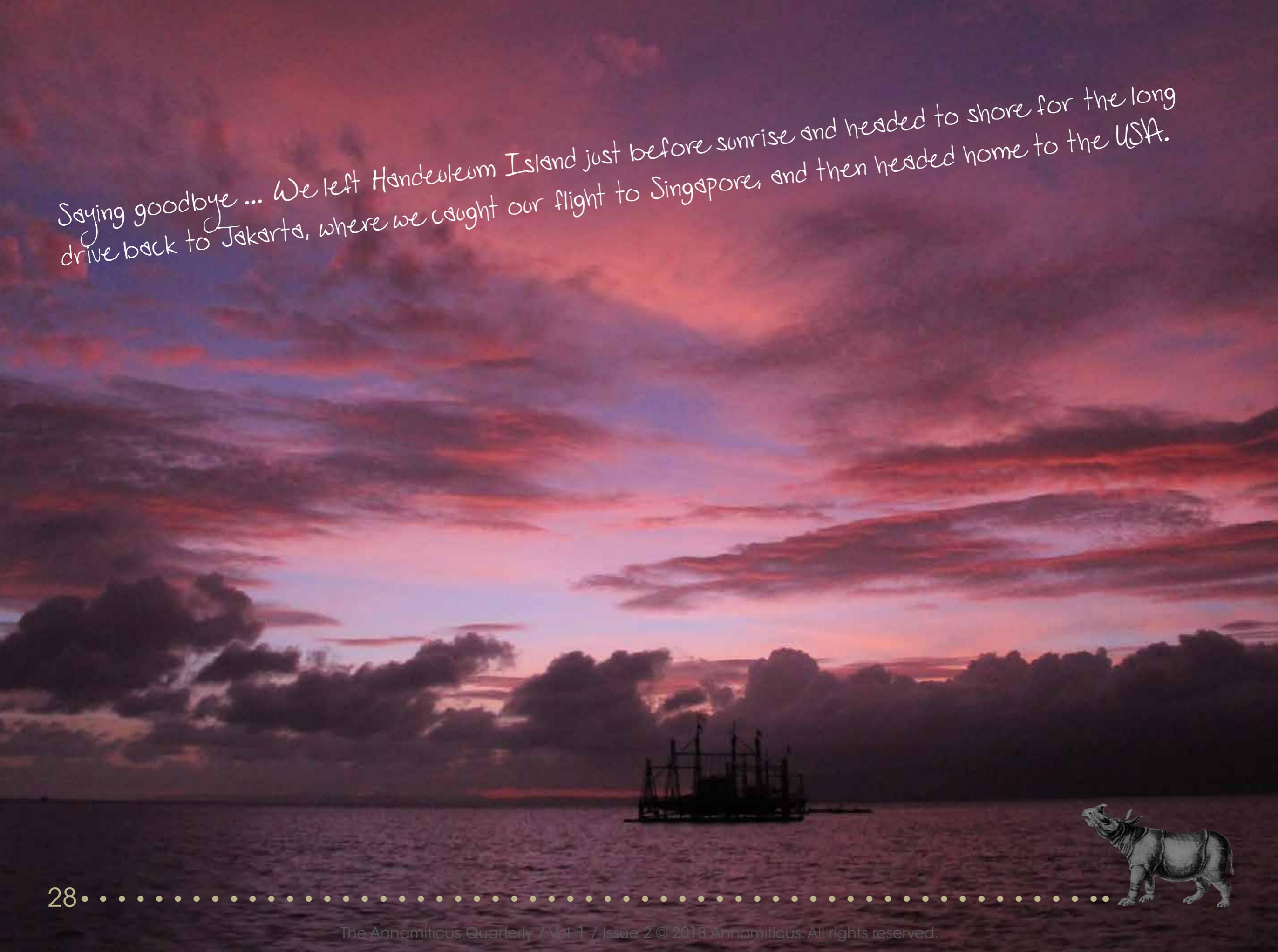


What an honor to be part of this historical ceremony!





Saying goodbye ... We left Handeuleum Island just before sunrise and headed to shore for the long drive back to Jakarta, where we caught our flight to Singapore, and then headed home to the USA.



# Pangolin Trafficking 2011 to 01 August 2013

**Conservative figures for global pangolin trafficking suggest that between 91,390 and 182,780 pangolins were victims of the illegal trade during the period of 2011 through August 1, 2013.**

Between 1,740 and 3,480 pangolins are likely to have met their demise at the hands of traffickers since our April 2013 pangolin trafficking estimate. Our figures are conservative and based on seizures reported by the media. It's important to note that most illegal wildlife trade is undetected; confiscations generally represent just 10 to 20 percent of the actual illegal trade volume. While a very few of these pangolins are released into the wild, it is unfortunately not a large enough figure to impact the overall numbers.

## **May and July 2013 were particularly deadly for pangolins.**

TRAFFIC Southeast Asia reported on July 29 that a tip-off from the public alerted Malaysian Marine Police to smugglers who were attempting to bring 15 pangolins ashore. The pangolins were still alive, but unfortunately, the suspects escaped.

On July 18, authorities in Quang Ninh province (northern Vietnam) intercepted a vehicle carrying 75 pangolins, just one day after the discovery of 62 pangolins in another vehicle. In both incidents, the drivers admitted they were taking the pangolins to China. The pangolins that were still alive were said to be "in poor health" and taken to Soc Son Wildlife Rescue Centre in Hanoi.

Meanwhile, in Guwahati (Assam, India), customs officials recovered over 85 kg of pangolin scales, along with 144.2 kg of pseudophedrine tablets, during a raid. One suspect from the state of Mizoram was arrested. The pangolin scales were destined for China, according to the *Business Standard* on July 18.

Just nine days earlier, police in the Thai-Malay border town of Bukit Kayu Hitam (Kedah, Malaysia) intercepted a vehicle which was carrying 26 live pangolins in the trunk. The *Bangkok Post* reported that a Malaysian couple was arrested and admitted they were paid to smuggle the pangolins into Thailand. No information was given regarding the fate of the pangolins.

In Sumatra, Indonesia, the Bengkulu Natural Resource Conservation Agency (BKSDA) and the Kepahiang District Police (Polres) seized 26 pangolins and ten pythons in the Bermani Ilir sub-district on May 14th. 25 of the pangolins, along with the pythons, were later released in the Taman Wisata Alam Seblat/ Seblat Nature Recreation Park (part of the Kerinci-Seblat National Park). They were destined for Palembang, and then overseas.

Education for Nature-Vietnam reported that on May 17, 23 dead pangolins were discovered hidden in a car. The Environmental Police of Ha Long City arrested the driver and occupants. The suspects admitted that they had been hired by an illegal wildlife dealer to transport the pangolins.

On May 7, a total of five people were arrested when police intercepted a bus headed to Tatopani from Kathmandu, Nepal. Border police seized nine kilograms of pangolin scales and a sizable amount of foreign currency. Sange Tamang, Maya Sherpa, and Pemba Sherpa were each carrying three kilograms of pangolin scales attached "to their thighs and other parts of the body with duct tape".

## **During the last ten days of April 2013, there were four pangolin smuggling busts in four different countries.**

The Philippine Coast Guard seized 23 pangolins from a cargo ship at the port of Coron on April 20. A tip-off prompted the PCG to search the M/V Maria Lydia, a Philippine vessel owned and operated by JCAP Shipping Lines and with a business address in Coron, Palawan. 22 of the pangolins were still alive at the time.

Also on April 20th, a suspect identified as "Shakeel" was arrested and 11 kg of pangolin scales were seized in Uttar Pradesh, India. The suspect is "alleged to be a member of an international gang" involved in the trafficking of endangered species.

On April 29, the Cameroon-based wildlife law enforcement NGO LAGA reported that 80 kg of pangolin scales were confiscated in Limbe. Two Cameroonians identified as Elvis These Njangwe and Harrison Azie, and a Chinese national identified as Wei Tao, were arrested. Tao reportedly smuggled the pangolin scales from Douala to the Limbe Port for exportation to China through Nigeria. Founder of LAGA and author of *The Last Great Ape*, Ofir Drori, says that "the trade in pangolin scales is booming" in the region. He informed Annamiticus that Wei Tao had attempted to "conceal the sacks into three carry-on suitcases". 180 kg of pangolin scales had previously been seized on March 26 at Limbe Port.

Another 50 kg of pangolin scales originating from Cameroon (and apparently headed to Vietnam) were intercepted by customs authorities at the Charles de Gaulle airport in Paris on April 30.

Besides being traded illegally, presumably legal trades (dated 2011) were recorded in the CITES trade database as of August 1, 2013:

- 33 transactions
- Top importer: USA (58%)
- Top exporters: China (15%) and Togo (15%)
- Largest transaction: 250 skins exported from Guinea to Thailand

Download our **[PANGOLIN TRAFFICKING POSTER](#)**.

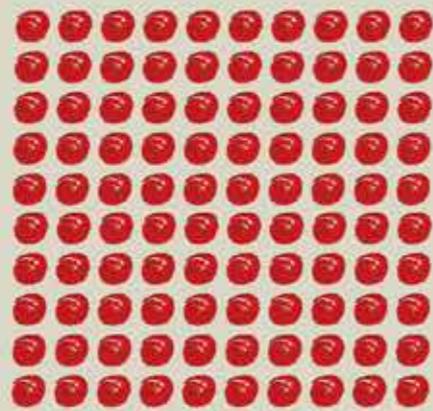


# PANGOLIN TRAFFICKING 2011 TO 2013

a conservative estimate based on seizures\* reported by the media

**91,390 - 182,780 PANGOLINS KILLED IN LESS THAN 3 YEARS**

**2013**



**x 30**

**+**



**=**

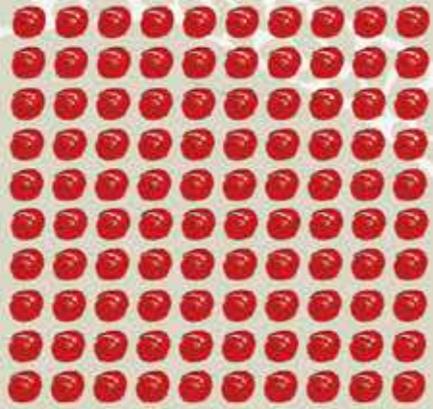
**3028**

**AS OF 01 AUGUST**

**20% 15,140 - 10% 30,280**

Pangolins are eaten as a delicacy in China and Vietnam. Pangolin scales are used in traditional Chinese medicine. Pangolin scales are made of keratin, just like fingernails, rhino horns, and horse hooves. Pangolin scales contain NO medicinal properties.

**2012**



**x 65**

**+**



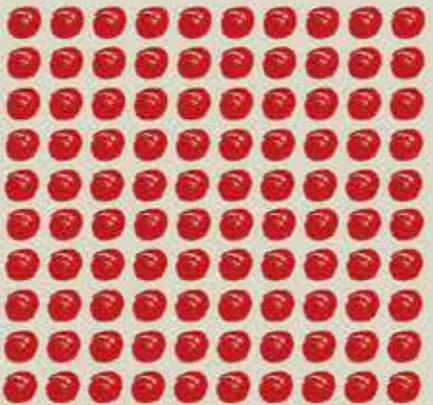
**=**

**6550**

**20% 32,750 - 10% 65,500**

There are 8 species of pangolin - 4 in Africa and 4 in Asia. There is no current population estimate for pangolins. Pangolins do not breed well in captivity and cannot be commercially farmed.

**2011**



**x 87**

**=**

**87000**

**20% 43,500 - 10% 87,000**

## APPENDIX II LEGAL TRADE 2011 - 2012 UPDATED!

- C 33 transactions recorded
- C Top importer: USA (58%)
- C Top exporters: China (15%) & Togo (15%)
- C Largest transaction: 250 skins from Guinea to Thailand

\*Seizures represent 10 - 20% of actual illegal trade volume



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Source: <http://annamiticus.com>  
Download poster:  
[annamiticus.com/Reports/PangolinsInTradeAug2013.pdf](http://annamiticus.com/Reports/PangolinsInTradeAug2013.pdf)

Source: UNEP CITES database  
Accessed 01 August 2013

# Walking Towards a Brighter Future for Pangolin

by Lisa Hywood

Tikki Hywood Trust, Zimbabwe

IUCN-SSC Pangolin Species Convention Singapore June 2013

**24 June 2013 was the beginning of a major transition for pangolin worldwide, but for me, most importantly for our very under publicized and unknown African species of pangolin. Having worked with pangolin here in Africa for the past twenty years, there were multiple moments when I wondered, if in fact we were having an impact on the species as a whole. This conference in Singapore held at the Singapore Zoo – has opened my eyes to a new world of conservation for a species.**

**In 1992, when my personal journey with the world of wildlife started, I realised that the human race could in fact move mountains for the benefit of wildlife, watching a simple man, Clem Coetzee together with his team, move 689 elephants, who, would have otherwise died at the mercy of the 1992 drought here in Zimbabwe. I realised then that man can make significant changes for the better – together through consolidation. But sadly, when involved with wildlife and conservation, there are a multitude of challenges and all too often, horrendous happenings when animals suffer. Both politics and economics are not necessarily friends of conservation.**

**The IUCN convention has once again opened my eyes to a world of possibilities. Yes - the illegal trade of all wildlife including pangolin is atrocious as well as unthinkable and totally unnecessary. However, with like-minded people, groups and organisations, we can come together to fight in unison towards the survival of a species. The scary statistics are that the pangolin is now one of the world's most traded species of mammal. Hunted for both food and medicinal reasons, this mammals has now found itself on the verge of extinction.**

**The aim of the convention was to uplist, through the IUCN – SSC Pangolin Species Survival Commission, the eight species of pangolin. In the case of our Zimbabwean pangolin, under the IUCN listing, they are currently at Least Concern. After this conference, it was agreed that the Ground pangolin should be up listed to Endangered. In order for this to now be achieved, there is a very strict process by the IUCN to review the data collected and confirm that in fact these species of pangolin can be uplisted. What is equally important now is to also uplist the pangolin through the CITES process so that stiffer penalties can be implemented. It is important to understand that even with an uplisting from both the IUCN and CITES, the future survival of these animals will come down to these laws and penalties being enforced.**

**This being said, I would like to leave you with a fitting African proverb:**

**“Sticks in a bundle are unbreakable.” – Kenyan Proverb**



# BOOKSHELF:

## A NATURALIST'S GUIDE TO THE MAMMALS OF SOUTH-EAST ASIA

Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, the Philippines, Singapore, Thailand and Vietnam

AUTHORS: CHRIS R. SHEPHERD & LORETTA ANN SHEPHERD

Sturdy and practically pocket-sized, *A Naturalist's Guide to the Mammals of South-East Asia* was a perfect travel companion for my field visit to Indonesia! And of course, it is essential reading for anyone interested in (what else?) Southeast Asia's diverse and unique mammals. The *Naturalist's Guide* covers 129 of the region's 800 mammal species, and rather than limiting the book to dry scientific observations, the authors emphasize critical conservation needs.

Key conservation messages addressing trade and habitat loss feature prominently in the introductory section, as well as reminders in many of the species descriptions. The authors point out that a great many of Southeast Asia's amazing mammals are in big trouble:

*"At the time of writing this book, more than 190 are considered Threatened (94 Vulnerable, 75 Endangered, 21 Critically Endangered) in the IUCN Red List, the most comprehensive listing of the world's plant and animal species."*

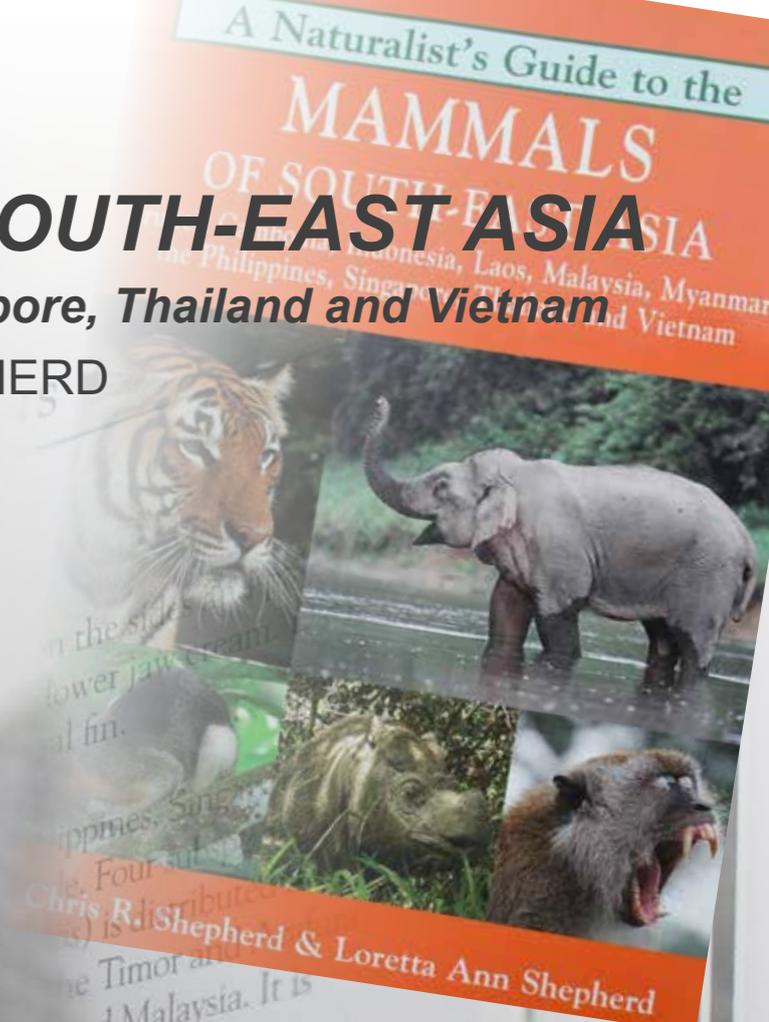
For the newbie, there are tips on mammal watching and a glossary at the beginning of the book ("noseleaf" is skin around the nose of bats!), and for the detail-oriented reader, a checklist – which includes the English name, scientific name, country, and the IUCN Red List classifications – is located at the end.

The *Naturalist's Guide* is visually appealing, with color photos on every page. Nearly all the photos are of the animals in wild and several photos were even taken by remote camera trap! Just a few are from captive settings. I know how difficult it can be to source photos of rare and endangered species, and this is certainly an impressive collection!

*"Amongst all the threats wildlife faces, illegal trade is an extremely urgent issue that needs the highest level of attention, as it has the greatest potential to do maximum harm in a short time."*

– Chris R. Shepherd & Loretta Ann Shepherd, *A Naturalist's Guide to the Mammals of South-East Asia*

Buy *A Naturalist's Guide to the Mammals of South-East Asia* [here](#).

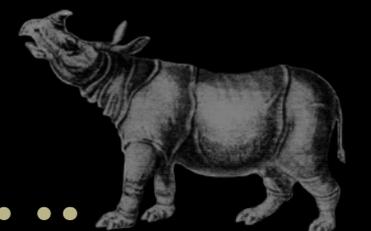


# THE PRICE UPDATE

by Melinda MacInnis  
Writer/Director/Producer



THE PRICE team returned to the African continent in August, focusing on wildlife protection projects that benefit local communities. We are also filming at the Denver Zoo in the US, examining the important role played by zoos in maintaining viable populations of endangered rhinos. Production wraps up with a trip to Nepal (as soon as monsoon season ends!), where we are filming recovery efforts of greater-one horned rhinos in the wild.



# Closing thoughts

Thank you for joining us for The Annamiticus Quarterly! We hope you found it to be informative, educational, and enjoyable. Coming up next time: Our special WORLD RHINO DAY issue!

We'd also like to give a HUGE RHINO-SIZED THANK YOU to our AWESOME supporters, who make our work possible. Your donations help us produce high-impact educational content, build the digital communications capacity of our partners in the field, and promote a greater understanding of the threats to endangered species with field visits to regions where threats to endangered species are unusually high and under-reported.

You can also support our work by purchasing t-shirts, hoodies, and more! We have two new designs: "I Heart Badak" and "Peace Love Pangolins" – visit our online store:

<http://www.cafepress.com/annamiticus>

Want to learn more about Annamiticus? Visit our website at [annamiticus.com](http://annamiticus.com), connect with us on our Facebook page ([facebook.com/Annamiticus](https://www.facebook.com/Annamiticus)), and follow us on Twitter ([@annamiticus](https://twitter.com/annamiticus)).

Until next time ...

PEACE LOVE ANNAMITICUS!

