

RHINO RESOURCE CENTER

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NEWSLETTER #45 DECEMBER 2016

Dear colleagues and friends,

This is the 45th issue of the quarterly e-newsletter of the Rhino Resource Center.
Edited by Dr Kees Rookmaaker.

The total number of references in the collection of the RRC now stands at **20,810**. This is an increase of 300 items in the last quarter. **Over 20,000 references are available as PDF on RRC website**



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IN THIS ISSUE:

Acknowledgement	p.2
New publications	p.3
Our sponsors	p.4
Contents of the RRC website	p.5
Yes, you can help	p.5
New Literature	
General	p. 6
Asian	p. 12
African	p. 7
Fossil	p. 15
Contact Information	p. 18

The Rhino Resource Center is a Charity (Registered KvK Utrecht 30185802)
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Acknowledgement

Due to personal circumstances, this will be a short newsletter with information on new publications only. Sadly my wife Sandy passed away on 17 September 2016 after suffering a recurrence of irregular heartbeat. We were best friends, great companions, we loved to travel, to arrange our new apartment in Spain. She enjoyed cooking and baking, she enjoyed exploring new regions, she enjoyed living near the sea in the sunshine. Sandy's cremation in Fuengirola was attended by our three children and four (out of seven) grandchildren.

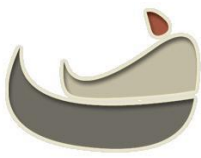
The RRC team added this dedication to our website:

<http://www.rhinoresourcecenter.com/about/sandy-rookmaaker.php>

REST IN PEACE, SANDY, WE LOVE YOU



I WOULD LIKE TO THANK ALL WHO HAVE SENT CONDOLENCES. - KEES



NEW PUBLICATIONS

In 2016, I have been able to publish three new publications, aking a grand total of 229, which includes 8 books.

1. On the alleged presence of the two-horned Sumatran rhinoceros and one-horned Javan rhinoceros in the Himalayan Kingdom of Bhutan. **Pachyderm** 57: 116-117

* This is available by clicking [here](#).

2. The correct name of the south-central black rhinoceros is *Diceros bicornis keitloa* (A.Smith, 1836). **African Zoology** 51 (2): 117-119.

The publisher allows free download of an eprint for the first 50 lucky winners:
<http://www.tandfonline.com/eprint/pPwaKUBZshuNH52bY2US/full>

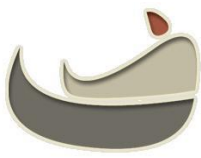
3. The zoological contributions of Andrew Smith (1797-1872) with an annotated bibliography and a numerical analysis of newly described animal species. **Transactions of the Royal Society of South Africa** 2016: 1-69. (published online 17 November 2016).

Doi: <http://www.tandfonline.com/doi/full/10.1080/0035919X.2016.1230078>.

The publisher allows free download of an eprint for the first 50 lucky winners:
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The *Rhinoceros keitloa* discovered by Andrew Smith and published in 1836.



OUR SPONSORS

The board and staff of the Rhino Resource Center gratefully acknowledge the support of our main sponsors:



SOS RHINO



INTERNATIONAL RHINO FOUNDATION



WWF AREAS

We receive regular donations from Save the Rhino International and Rhino Carhire.



SAVE THE RHINO



RHINO CARHIRE

We are grateful to all individuals who show their appreciation by their donation.
Thank you very much.

*The Rhino Resource Center is a registered charity.
We need your assistance to provide our service to all rhino lovers worldwide.*



CONTENTS OF THE RHINO RESOURCE CENTER

The development of the Rhino Resource Center is shown in the table here.

RRC	2015 Dec	2016 March	2016 June	2016 Sept	2016 Dec	ANNUAL INCREASE
References	19,850	20,020	20,250	20,511	20,810	+ 960
PDF files	19,546	19,754	20,000	20,209	20,487	+ 941
Images	3,628	3,755	3,800	3,831	3,900	+ 272
Members	2,567	2,689	2,924	3,016	3,108	+ 541

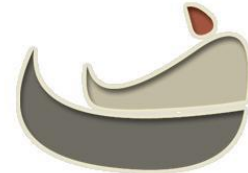
I thank everybody who has helped us by sending copies of books and papers.

All contributions are [acknowledged on the website](#).








DONATIONS TO THE RRC

It is really very easy. No problem to the audience of the RRC. To show appreciation of our work and to make future contents even better, a small donation goes a long way. Visits to libraries are no longer necessary, just think of the expensive time gained and research results improved. The button leads to a page with instructions.







[DONATE HERE](#)



The Rhino Resource Center is an essential tool for

-  Information and image supply to media
-  Academic research in biology, conservation studies, art history
-  Education in primary, secondary and tertiary levels
-  Conservation of rhinos both *in-situ* and *ex-situ*
-  Latest information supply of all rhino-related projects
-  Information on all the latest conservation efforts
-  All the historical and most current literature.

YES, YOU CAN HELP:

-  Authors of books, papers and reports can send us a copy after publication.
-  We are always looking for images of all rhinos in books and in the wild
-  We aim to include a picture of every rhino ever kept in captivity
-  Contribute a message to our blog and get into contact with others
-  Place a link on your website to the RRC which will be reciprocated
-  Give us a DONATION when you feel the RRC has helped your work.



NEW LITERATURE (finalized 30 November 2016)

In this quarter (September to November 2016), we have added 300 new references, to bring the total number of items in the database to **20,810**.

Of these, 20,487 or 98.8 percent are available as PDF and searchable.

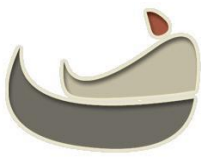
Below I have listed new entries published in the 21st century in four categories: General (all species), African rhinos, Asian rhinos and Fossil rhinos.

**This quarter saw the publication of some pivotal papers and reports,
all well worth the attention for anybody interested in rhinos.
Search for them on the RRC, it's easy.**

Always check the [RRC website](#) first, many papers are available there.

NEW GENERAL PUBLICATIONS

- Christy, B.; Stirton, B., 2016. Deadly trade: inside the dark world of the rhino horn business. *National Geographic* 230 (4): 56-81.
- Christy, B.; Stirton, B., 2016. Deadly trade: rhino horns. *National Geographic* 230 (4) October: 56-81.
- CITES CoP17, 2016. Draft decisions and amendment to Resolution Conf 9.14 (Rev. CoP15) on conservation of and trade in African and Asian rhinoceroses. Report CoP17 Com.II 14, pp. 1-13.
- International Rhino Keeper Association, 2016. Various notes. *The Crash* November 2016: 1-14.
- Maas, B., 2016. *Pointless: A quantitative assessment of supply and demand in rhino horn and a case against trade*. Nabu International Report, pp. 1-25.
- Natural Resources Defense Council; Horizon Key; Kennaugh, A., 2015. *Rhino rage: what is driving illegal consumer demand for rhino horn*. New York, NRDC, pp. 1-23.
- Rookmaaker, L.C., 2016. On the alleged presence of the two-horned Sumatran rhinoceros and the one-horned Javan rhinoceros in the himalayan kingdom of Bhutan. *Pachyderm* 57: 116-117.
- Rookmaaker, L.C., 2016. The correct name of the south-central black rhinoceros is *Diceros bicornis keitloa* (A. Smith, 1836). *African Zoology* 51 (2): 117-119.
- Rookmaaker, L.C., 2016. The zoological contributions of Andrew Smith (1797–1872) with an annotated bibliography and a numerical analysis of newly described animal species. *Transactions of the Royal Society of South Africa* 2016: 1-69 - <http://dx.doi.org/10.1080/0035919X.2016.1230078>.
- White, P.; Hester, L.; Newton, N.; Uzzell, A.M.; Williams, I.; Plaisted, C.; Bint, S.; Keith, C.A.; Kovacevic, A.; Stern, M.R.; LaMore, J., 2016. *Looking into the abyss: saving the rhinoceros one story at a time*. London, CQ International, pp. 1-262.



FORTHCOMING MEETINGS

In past years, we have enjoyed attending the workshops of the IRKA, which is scheduled again:

Rhino Keepers Workshop

Presented by the International Rhino Keepers Association

Hosted by Denver Zoo on 7-11 August 2017.

NEW PUBLICATIONS ON AFRICAN RHINOS

- Annecke, W.; Masubelele, M., 2016. A review of the impact of militarisation: the case of rhino poaching in Kruger National Park, South Africa. *Conservation and Society* 14 (3): 195-204.
- Anonymous, 2016. Zimbabwe to dehorn rhinos to curb poaching. *Swara, Nairobi* 40 (4): 16.
- Aronoff, J.T.; Santymire, R.M.; Freeman, E.W.; Meyer, J.; Gillespie, T.R., 2016. Effects of environmental pressures on patterns of gastrointestinal parasitism in black rhinoceros in Addo Elephant National Park, South Africa (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 83.
- Australian Rhino Project, 2016. News items. *ARP Newsletter* (online) October 2016: 1-10.
- Barracough, D.A., 2006. Bushels of Bots. *Natural History* 115 (June): 18-21, 5 figures.
- Bengis, R.; Govender, D.; Lane, E.; Myburgh, J.; Oberholster, P.; Buss, P.; Prozesky, L.; Keet, D., 2016. Eco-epidemiological and pathological features of wildlife mortality events related to cyanobacterial bio-intoxication in the Kruger National Park, South Africa. *Journal of the South African Veterinary Association* 87 (1), a1391. <http://dx.doi.org/10.4102/jsava.v87i1.1391>: pp. 1-9.
- Bhattacharya, A.; Chakraborty, K., 2016. Defecation behaviour of great indian one horned rhinoceros (*R. unicornis*, Linn.). *International Journal of Science and Research* 5 (7): 923-978.
- Bishop, G.T.; Zuba, J.R.; Pessier, A.P.; Hopper, J.; Kendall, G.; Rosychuk, R.A.W.; Magdesian, K.G., 2016. Medical management of recurrent eosinophilic granuloma in two black rhinoceros (*Diceros bicornis*). *Journal of Zoo and Wildlife Medicine* 47 (3): 855-861.
- Blaskiewicz, B., 2016. Aufsätze in den Jahresberichten der Tiergärten im deutschsprachigen Raum, 2. Mitteilung: Zoologischer Garten Basel. *Buletto: Mitteilungen aus der Tiergartenbiologie* 4: 120-129.
- Blaskiewicz, B., 2016. Nashornbilder aus Zoo und Tierpark Berlin, I. Spitzmaulnashörner. *Buletto: Mitteilungen aus der Tiergartenbiologie* 4: 88-92.
- Borrell, B.; Oatway, J., 2010. The sacrifice. *Bloomberg Businessweek* 4208 (December 13-19): 68-74, 7 figures.
- Brandt, B., 2015. Geboren am 18. November 1772 im Schoss Friedrichsfelde: Prinz Louis Ferdinand von Preussen (1772-1806). *Buletto: Mitteilungen aus der Tiergartenbiologie* 3: 80-89.



African Rhinos – continued

- Bryant, B.; Campbell-Ward, M., 2016. Periodontal disease in black rhinoceros (*Diceros bicornis*) (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 67.
- Bryant, B.R.; Campbell, M.; Sangster, C., 2016. Acute hepatic necrosis and death in a subadult southern white rhinoceros (*Ceratotherium simum*) associated with exposure to sterigmatocystin in forage contaminated with *Aspergillus nidulans*. *Australian Veterinary Journal* 94 (11): 433-434.
- Burford, M.; Moodley, Y.; Dalen, L.; Russo, I.R., 2016. Genetic status of the black rhinoceros - from DNA profiling to whole genome analysis (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 71.
- Buss, P.; Miller, M.; Fuller, A.; Haw, A.; Wanty, R.; Olea-Popelka, F.; Meyer, L., 2016. Cardiovascular effects of etorphine, azaperone, and butorphanol combinations in chemically immobilized captive white rhinoceros (*Ceratotherium simum*). *Journal of Zoo and Wildlife Medicine* 47 (3): 834-843.
- Chen, F., 2016. The economics of synthetic rhino horns. Report at Wake Forest University, Winston-Salem, pp. 1-24.
- Christy, B.; Stirton, B., 2016. Un negocio siniestro. *National Geographic* (Spanish edition) 39 (4): 34-59.
- Cinkova, I.; Ganslosser, U.; Kretzschmar, P., 2016. Effect of supplementary feeding on the social behaviour and distribution patterns of free-ranging southern white rhinoceros. *Mammalia* 2016 (10.1515/mammalia-2016-0016): 1-11.
- Dahlin, C.R., 2016. Hunting the black rhino: trophy killing and the management of endangered wildlife. Pittsburgh, National Center for Case Study Teaching in Science, pp. 1-5.
- Dicks, K.L.; Webster, L.M.I.; McDowall, I.; Muya, S.M.; Hopper, J., 2016. Validation studies on dinucleotide STRs for forensic identification of black rhinoceros *Diceros bicornis*. *Forensic Science International: Genetics* 2016: 1-3.
- Ferreira, S.; Greaver, C., 2016. Re-introduction success of black rhinoceros in Marakele National Park. *African Journal of Wildlife Research* 46 (2): 135-138.
- Ferreira, S.M.; Greaver, C., 2016. Re-introduction success of black rhinoceros in Marakele National Park. *African Journal of Wildlife Research* 46 (2): 135-138.
- Gadiye, D.E.; Koskei, A., 2016. Spatial-temporal distribution of the black rhino population in the Ngorongoro Crater, Tanzania. *International Journal of Biological Research* 4 (2): 232-236.
- Goeritz, F.; Hermes, R.; Walzer, C.; Zainuddin, Z.Z.; Payne, J.; Hildebrandt, T.B., 2016. Etorphine free anesthesia protocols optimized for frequent reproductive interventions ranging from semen collection, artificial insemination to Ovum-Pick-Up (OPU) in four rhino species (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, pp. 50-51.
- Hegener, M., 2016. Beetje hoop voor gedoemde neushoorn. NRC Handelsblad 1 April 2016.



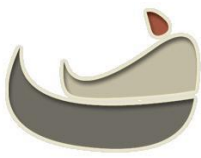
African Rhinos – continued

- Heidenreich, G., 2016. Die Wiederkehr der Nashörner: Festrede des Schriftstellers Gert Heidenreich zur Jahresversammlung der Bayerischen Akademie der Schönen Künste. *Münchener Merkur* Nr. 163: 18.
- Higginbotham, A., 2014. The rhino racket: Who is stealing all of Europe's horns?. *Bloomberg Businessweek* 4361, Jan. 6: 52-57, 5 figures.
- Hildebrandt, T.B.; Goeritz, F.; Diecke, S.; Drukker, M.; Galli, C.; Hayashi, K.; Holtze, S.; Lazzari, G.; Payne, J.; Saragusty, J.; Seet, S.; Stejskal, J.; Zainuddin, Z.Z., Hermes, R., 2016. New strategies in Sumatran and northern white rhinoceros conservation based on advanced assisted reproduction techniques combined with cellular technologies (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 50.
- Holder, K.; Mutinda, M.; MacGraw, S.; Murray, S., 2016. Investigation of an emerging infectious skin disease in black rhinoceros (*Diceros bicornis*) (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, pp. 22-23.
- Huber, W., 1964. Der indische Panzernashornbulle Gadadhar. *Bericht des Vereins des Naturhistorischen Museums Bern* 1964: Iv-lviii.
- Hubert Litchfield, E., 1912. Rhinoceros hunting - a sportsman's african notes. *The American Museum Journal* 12 March: 94-99, 6 plates.
- Huebschle, A., 2016. The social economy of rhino poaching: Of economic freedom fighters, professional hunters and marginalized local people. *Current Sociology* 2016: 1-19.
- Humane Society of Swaziland, 2016. Letter to His Majesty the King of Swaziland: Urgent appeal to withdraw rhino trade proposal. Swaziland, pp. 1-2.
- International Council for Game and Wildlife; Damm, G.R., 2016. CITES: keep calm and let Africa speak. *African Indaba e-Newsletter* 14 (4-5): 1-10.
- International Rhino Foundation, 2016. CITES and the rhino horn trade. IRF Website, downloaded October 2016.
- King, W.; Gatti, A., 1955. Rhino!. *Sports Illustrated* 2 (12) March 21: 17-20, 5 plates.
- Kraft, V.; Player, I., 1972. A Player in the game of life. *Sports Illustrated* 36 (13) March 27: 30-32, 35-36, 1 plate.
- Krantz, L., 2015. Rhinoplasticity. *Smithsonian* 46 (7) November: 15, 1 plate.
- Kutilek, C., 2016. Keeper professional development program. *The Crash* November 2016: 2.
- Lewis, S.; Duncan, M.; Houck, M.L.; Bloch, R.; Haefele, H., 2016. Congenital cleft palate and cardiac septal defects in a neonatal southern black rhinoceros (*Diceros bicornis minor*). *Journal of Zoo and Wildlife Medicine* 47 (3): 876–878.
- Low, P., 2016. A different perspective on conservation of elephants and rhinos. *Swara, Nairobi* 40 (4): 21-24.
- Maas, B., 2016. Pointless: A quantitative assessment of supply and demand in rhino horn and a case against trade (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 65.



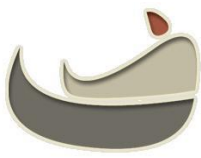
African Rhinos – continued

- Marneweck, C.; Juergens, A.; Shrader, A.M., 2016. White rhino olfactory communication and the potential for odor manipulation (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 39.
- Meier, N., 2016. Das letzte Nashorn. *Zeit Online* Juli 2016: 1-15.
- Miller, M.; Chavey, P.S.; Hofmeyr, J.; Mathebula, N.; Doering, A.; Buss, P.; Olea-Popelka, F., 2016. Evaluation of serum ferritin and serum iron in free-ranging black rhinoceros (*Diceros bicornis*) as a tool to understand factors affecting iron-overload disorder. *Journal of Zoo and Wildlife Medicine* 47 (3): 820-826.
- Munich Zoo, 2016. *Hellabrunn, der Munchner Tierpark: Geschäftsbericht 2015*. Munchen, Hellabrunn, pp. 1-80.
- O'Brien, J.K.; Stoops, M.A.; Roth, T.L.; Ball, R.L.; Montano, G.A.; Steinman, K.J.; Posy, J.L.; Saiers, R.; Ramer, J.C.; Love, C.C.; Robeck, T.R., 2016. Progress in sperm sorting and cryopreservation technologies for modifying population sex ratio and preserving genetic diversity in the rhinoceros and elephant (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 48.
- Pachaly, J.R.; Monteiro-Filho, L.P.C.; Gonçalves, D.D.; Voltarelli-Pachaly, E.M., 2016. *Gyrostigma rhinocerontis* (Diptera: Oestridae, Gasterophilinae) in white rhinoceroses (*Ceratotherium simum*) imported from South Africa: occurrence in Itatiba, São Paulo, Brazil. *Pesquisa Veterinária Brasileira* 36 (8): 749-752.
- Paglia, D.; Linzmeeier, R.; Nemeth, E.; Ganz, T., 2016. Genetic basis of iron storage disease (ISD) in captive black rhinoceroses (*Diceros icornis*) (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, pp. 42-43.
- Patton, F., 2016. Cost of conservation, part 2. *Swara, Nairobi* 40 (4): 40-44.
- Pedersen, G.; VonHoldt, B.M.; Irons, P., 2016. Directing rhino metapopulation management 'best practice' during a poaching crisis (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, pp. 65-66.
- Penny, S.G.; White, R.L.; Scott, D.M.; Pernetta, A.P., 2016. The impacts of dehorning on the southern white rhinoceros (*Ceratotherium simum simum*) (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, pp. 88-89.
- Perron, R., 2016. Editorial: sustainability of captive rhino population. *International Zoo News* 63 (2): 82-83.
- Ripple, W.J.; et al, 2016. Saving the world's terrestrial megafauna. *Bioscience* 2016 July: 1-6.
- San Diego Zoo, 2016. Rhino horn burn - frequently asked questions. San Diego Zoo: pp. 1-5.
- Schlanser, J.R.; Bohart, G.W.; Paperd, D.W.; Wagner, C.; Marquardt, M.; Harrison, T.M., 2016. Technique for venipuncture of the transverse facial vein in the black rhinoceros (*Diceros bicornis*). *Zoo Biology* 2016: 1-4.



African Rhinos – continued

- Slattery, M.; Fowlds, W., 2016. The African Rhino Community Centre (ARCC): A Collaborative strategy to protect rhino in the Eastern Cape of South Africa (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 64.
- Sonsbeek, G.R. van, 2016. Case report: treatment of iron storage disease in a black rhinoceros (*Diceros bicornis*) in western Europe (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, pp. 43-44.
- Spreen, R., 2016. *Monument voor de quagga: schlemiel van de uitgestorven dieren*. Amsterdam, Fusilli, pp. 1-208.
- Stringer, A.P., 2016. *Parasite ecology and the conservation biology of black rhinoceros (Diceros bicornis)*. Ph.D. Thesis presented to Victoria University of Wellington, pp. 1-178.
- Teketay, D.; Geeves, G.; Kopong, I.; Mojeremane, W.; Sethebe, B.; Smith, S., 2016. Diversity, stand structure and regeneration status of woody species, and spatial cover of herbaceous species in Mokolodi Nature Reserve, Southeastern Botswana. *International Journal of Biodiversity and Conservation* 8 (8): 180-195.
- Thompson, S.; Avent, T. ; Doughty, L.S., 2016. Range analysis and terrain preference of adult southern white rhinoceros (*Ceratotherium simum*) in a South African private game reserve: insights into carrying capacity and future management. *PlosOne* DOI:10.1371/journal.pone.0161724: 1-16.
- Vollers, M., 1987. The rhino wars. *Sports Illustrated* 66 (9) March 2: 60-68, 70-72, 11 plates.
- White, B.; Rhodes, H., 2016. The Aspinall Foundation black rhino breeding programme to include reintroductions to Africa (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, pp. 32-33.
- Wojtusik, J.; Roth, T.L., 2016. Validation of a rhino specific ferritin enzyme immunoassay for the black rhinoceros (*Diceros bicornis*) for assessing the impact of individual and environmental factors on serum ferritin concentrations (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 44.



NEW PUBLICATIONS ON ASIAN RHINOS

- Acharya, K.P. ; Paudel, P.K.; Neupane, P.R.; Koehl, M., 2016. Human-wildlife conflicts in Nepal: patterns of human fatalities and injuries caused by large mammals. *PlosOne* 10.1371/journal.pone.0161717: 1-18.
- Ahmad, A.H.; Payne, J.; Zainuddin, Z.Z., 2016. Prerequisites to prevent extinction of the genus *Dicerorhinus* (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 59.
- Allendorf, T.D.; Gurung, B., 2016. Balancing conservation and development in Nepal's protected area buffer zones. *Parks: the international journal of protected areas and conservation* 22 (2): 69-82.
- Anhalt, U., 2008. Tiere und Menschen als Exoten: Die Exotisierung des "Anderen" in der Gründungs- und Entwicklungsphase der Zoos. Ph.D. thesis presented to University of Hanover, pp. 1-413.
- Anonymous, 2009. Only rhino at Nehru Zoo Park suffering from cancer. *The Hindu*, February 18, 2009: 1 p., 1 photograph.
- Arsan, Z., 2016. Pregnancy and birth of second Sumatran rhinoceros calf in Sumatran Rhino Sanctuary, Way Kambas National Park, Indonesia (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, pp. 37-38.
- Barman, R.; Choudhury, B.; Basumatari, P.; Ali, S.; Ashraf, N.V.K.; Menon, V., 2016. Rehabilitation of greater one one-horned rhinoceros calves in Assam, India (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 36.
- Berger, A. Katherine; Vernay, A.S., 1934. Science in the field and laboratory: The *Sondaicus rhinoceros*. *Natural History* 34 (1) January-February: 95-100, 3 figures.
- Bhattacharya, A.; Chakraborty, K., 2013. Study on group size and group composition of great indian one horned rhinoceros (*R. unicornis*, Linn.) at Gorumara, Jaldapara and Kaziranga National Parks, India. *International Journal of Science and Research* 5 (9): 534-540.
- Borthakur, U.; Kumar Das, P.; Talukdar, B.K., 2016. Conservation genetics of Greater One-horned Rhinos in India – from identifying individuals to determining conservation priorities (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 72.
- Brandt, J.R.; Zhao, K.; Apriyana, I.; Ishida, Y.; Steiner, C.C.; Witt, K.E.; Boag, P.T.; Malhi, R.S.; Sudoyo, H.; Suryadi, H.; Ryder, O.A., Van Coeverden de Groot, P.J., Roca, A.L., 2016. Developing effective markers for censusing of Sumatran and Javan rhinos by local researchers (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 73.



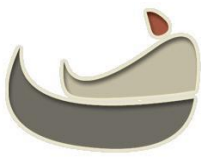
Asian Rhinos – continued

- Candra, D.; Warganegara, E.; Bakri, S.; Setiawan, A.; Sumadi; Anggraini, D.E., 2016. Identification of Protozoa Gastrointestinal to the wildlife (tiger, rhino and elephant) and domestic livestock (cattle, buffalo and goat) in Way Kambas National Park, Lampung, Indonesia (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 22.
- Chandra, M., 1973. Studies in the cult of the mother goddess in ancient India. *Prince of Wales Museum Bulletin* 12: 1-47.
- Charman, I., 2016. *The ZOO: the wild and wonderful tale of the founding of London Zoo*. London, Viking, pp. 1-349.
- Daniel, B.A., 2016. Sensitizing local communities in India in conservation of the declining greater one-horned rhino (*Rhinoceros unicornis*) with training and education (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 57.
- Das, Chhanda, 2002. A note on plaques depicting rhinoceros from Chandraketurgarh, West Bengal. *Journal of the Department of Museology, Calcutta University* 1: 21-23.
- Didier, H., 2015. Las alabanzas de la India de Fray Sebastián Manrique según el Itinerario de las misiones orientales. In: Insúa, M., Maurya, V., Sawhney, M. (eds), *Actas del III Congreso Ibero-Asiático de Hispanistas*. Pamplona: pp. 63-93.
- Dupuy, C., 2001. Issamadanen. *Encyclopedie Berbere* 24: 3778-3782.
- Dutta, D.K.; Bora, P.J.; Mahanta, R.; Sharma, A.; Swargowari, A., 2016. Seasonal variations in food plant preferences of reintroduced Rhinos *Rhinoceros unicornis* (Mammalia: Perrissodactyla: Rhinocerotidae) in Manas National Park, Assam, India. *Journal of Threatened Taxa* 8 (13): 9525–9536.
- Ellis, S., 2016. 2016 State of the rhino (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 13.
- Ferawati, N.M.; Hasmaran, S.; Ramono, W.; Arsan, Z., 2016. Clinical case: Gross examination on left rear leg of Sumatran rhinoceros (*Dicerorhinus sumatrensis*) Harapan by using digital X-ray (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 69.
- Galli, C.; Hermes, R.; Goeritz, F.; Colleoni, S.; Diecke, S.; Drukker, M.; Hayashi, K.; Holtze, S.; Lazzari, G.; Payne, J.; Sos, E.; Stejskal, J.; Wiesner, M.; Zainuddin, Z.Z.; Hildebrandt, T.B., 2016. First results of oocyte maturation and In-Vitro-Fertilisation (IVF) in Sumatran and northern white rhinoceroses (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 51.



Asian Rhinos – continued

- Hermes, R.; Schwarzenberger, F.; Goeritz, F.; Oh, S.; Fernandes, T.; Bernardino, R.; Leclerc, A.; Greunz, E.; Mathew, A.; Forsyth, S.; Saragusty, J., Hildebrandt, T.B., 2016. Ovarian down regulation by GnRF vaccination decreases reproductive tract tumor size in female white and greater one-horned rhinoceroses (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 52.
- John Siudmak Asian Art, 2016. Indian and Himalayan sculpture, including property from the collection of the late Simon Digby and private collection, Singapore. Exhibition in New York.
- Kaoru, K.; senzaki, M.; Nonoue, N.; Otsu, H., 2016. World Rhino Day in Japan (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 85.
- Kawata, K., 2016. Herbivores in Japanese zoos, 2013. *International Zoo News* 63 (5): 347-366.
- Kretzschmar, P.; Kramer-Schadt, S.; Ambu, L.; Bender, J.; Bohm, T.; Ernsing, M.; Goeritz, F.; Hermes, R.; Payne, J.; Schaffer, N.; Thayaparan, S.T., Zainal, Z.Z., Hildebrandt, T.B., Hofer, H., 2016. Lessons learned from the decline of the Sumatran rhino (*Dicerorhinus sumatrensis harrissoni*) in Sabah (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, pp. 59-60.
- Llewellyn-Jones, R., 2016. *The last king in India: Wajid Ali Shah, 1822-1887*. Delhi, Random House India.
- Mitra, D.K., 1992. Role of Ram Bramha Sanyal in initiating zoological researches on the animals in captivity. *Indian Journal of History of Science* 27 (3): 279-289.
- Parra-Agudelo, L., 2016. This is my city. *The Journal of Public Space* 1 (1): 147-150.
- Putra, R.; Dedyansyah; Ramadhan, M.; Abdullah, R., 2016. Saving the Sumatran rhino: amalgamation in the Leuser ecosystem (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, pp. 60-61.
- Rai, S., 2016. After 250 years, rhinos set to make comeback in west Uttar Pradesh. *Times of India* 17 November 2016.
- Ramono, W.; Rubianto, A.; Herdiana, Y., 2016. Spatial distributions of Sumatran rhino calf at Way Kambas National Park based on its footprint and forest fire in one decade (2006 to 2015) (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 63.
- Reinhart, W., 1912. Zur Identifizierung von "al Chutww". *Der Islam* 3: 184.
- Reynolds, R.J., 2016. Old Bill a/k/a Big Bill or Bill. Unpublished story distributed to friends and family, pp. 1-4.
- Risch, R.; Saner, P.; Kretzschmar, P., 2016. Facing the habitat crisis: Securing, restoring and habitats for elephants and Sumatran rhinos in South East Asia (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 15.



Asian Rhinos – continued

- Roth, T.L.; Reinhart, P.R.; Kroll, J.L., 2016. Development of a rhino ferritin specific assay for determining the association between serum ferritin concentrations and hemochromatosis in the Sumatran rhinoceros (*Dicerorhinus sumatrensis*) (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, pp. 68-69.
- Ruska, J., 1914. Noch einmal al Chutww. *Der Islam* 4: 163-164.
- Sedhain, J.; Adhikary, A., 2016. Human-rhino conflict: local people's adaptation to impacts of rhino. *Journal of Forest and Livelihood* 14 (1): 53-66.
- Sofwatuddin, O.; Ip, S., 2016. Conserving Javan rhino through special interest ecotourism in Ujung Kolon National Park (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 61.
- Talukdar, B.K., 2016. Current threats to Asian rhinos from illegal rhino horn trade (abstract). In: *Scientific program of the 15th International Elephant & Rhino conservation and research symposium*, Singapore, November 14-18, 2016, p. 62.
- Thapa, R., 2016. The burning issues of conflict: a case study of Chitwan National Park, Nepal. *International Journal of Science and Research* 5 (8): 542-547.
- Vos, J.M., 2016. *Het pontificale van Sinte Marie en de eenhoorn: een enigmatisch pontificale*. Batchelor werkstuk, University of Utrecht, pp. 1-24.
- Wyhe, J. van, 2016. A rough draft of A. R. Wallace's Sarawak Law paper. *Archives of natural history* 43 (2): 285-293.
- Wyhe, J. van, 2016. The impact of A. R. Wallace's Sarawak Law paper reassessed. *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences* 60: 56-66.
- Youatt, W., 1843. The illness of the rhinoceros in the Gardens of the Zoological Society. *Veterinarian* 16: 655-659.
- Zohar, D., 2008. A new approach to the problem of pattern books in early byzantine mosaics: the depiction of the giraffe in the Near East as a case study. *Eastern Christian Art* 5: 123-146.

NEW PUBLICATIONS ON FOSSIL RHINOS

Section edited by Emmanuel Billia, Dan Ziegler and Athanassios Athanassiou.

- Fischer-Ooster, C.von, 1859. Über die fossilen Nashornreste aus der Molasse bei Bern. *Mitteilungen der Naturforschenden Gesellschaft in Bern* 1859: 19-20.
- Gharu, J.; Trevedi, S., 2016. Ancient hairs: need for morphological analysis of prehistoric and extant mammals. *Vertebrate Zoology* 66 (2): 221-224.
- Hashemi, N.; Ashouri, A.; Aliabadian, M.; Gharaie, M.H.M.; Sánchez Marco, A.; Louys, J., 2016. First report of Quaternary mammals from the Qalehjough area, Lut Desert, Eastern Iran. *Palaeontologia Electronica* 19.3.44A: 1-12, palaeo-electronica.org/content/2016/1622-quaternary-mammals-of-iran.
- Hoek Ostende, L.W. van den, 2003. The Tegelen clay-pits: a hundred year old classical locality. *Scripta Geológica Special Issue* 4: 127-141.



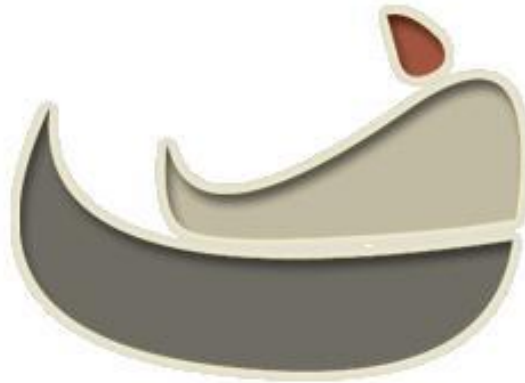
Fossil Rhinos – continued

- Huguet, R.; Vallverdú, J.; Rodríguez, X.P. ; Terradillos-Bernal, M.; (and 20 others), 2015. Level TE9c of Sima del Elefante (Sierra de Atapuerca, Spain): A comprehensive approach. *Quaternary International* 2015: 18 pp., 13 figs [<http://dx.doi.org/10.1016/j.quaint.2015.11.030>].
- Langeveld, B., 2010. Wolharige neushoornrest en van het strand nabij Hoek van Holland. *Cranium* 27 (2): 73.
- Lu, X.; Zheng, X.; Sullivan, C.; Tan, J., 2016. A skull of *Plesiaceratherium gracile* (Rhinocerotidae, Perissodactyla) from a new lower Miocene locality in Shandong Province, China, and the phylogenetic position of *Plesiaceratherium*. *Journal of Vertebrate Paleontology* doi:10.1080/02724634.2016.1095201.
- Made, J. van der; Torres, T.; Ortiz, J.E.; Moreno-Perez, L.; Fernandez-Jalvo, Y., 2016. The new material of large mammals from Azokh and comments on the older collections. In Fernández-Jalvo, Y. et al. (eds.), *Azokh cave and the transcaucasian corridor*. Berlin, Springer, pp. 117-162.
- Marra, F.; Ceruleo, P. ; Jicha B., ; Pandolfi, L.; Petronio, C.; Salari, L.; Giaccio, B.; Sottili, G., 2016. Chronostratigraphic constraints on Middle Pleistocene faunal assemblages and Acheulian industries from the Cretone lacustrine basin, central Italy. *Journal of Quaternary Science*: 18 pp., 11 figs [doi:10.1002/jqs.2889].
- Masseti, M. & Salari, L., 2012. La scomparsa dei grandi carnivori toscani nel tardo Quaternario - The disappearance of the large Tuscan carnivores in the late Quaternary. *Atti 6° Convegno Nazionale di Archeozoologia 2009, Orecchiella* (Lucca, Italy): pp. 41-46, 1 fig, 1 tab.
- Monesi, E.; Muttoni, G.; Scardia, G.; Felletti, F.; Bona, F.; Sala, B.; Tremolada, F. ; Francou, C.; Raineri, G., 2016. Insights on the opening of the Galerian mammal migration pathway from magnetostratigraphy of the Pleistocene marine-continental transition in the Arda River section (northern Italy). *Quaternary Research* 86: 220-231 [<http://dx.doi.org/10.1016/j.yqres.2016.07.006>].
- Nanda, A.C., 2002. Upper Siwalik mammalian faunas of India and associated events. *Journal of Asian Earth Sciences* 21: 47-58.
- Oyal, N.; Sen, E.; Karadenizli, L.; Antoine, P.O.; Sarac, G.; Tunoglu, C., 2016. Turkey: Another country of the Oligocene giant rhinoceros *Paraceratherium*. *World Multidisciplinary Earth Sciences Symposium* September 2016 Prague: 183.
- Rosas, A.; Huguet, R.; Pérez-González, A.; (& 15 others), 2006. The “Sima del Elefante” cave site at Atapuerca (Spain). *Estudios Geológicos* 62 (1): 327-348, 10 figs, 1 tab.
- Saccà, D., 2012. La fauna di Castel di Guido (Roma): approccio tafonomico - The fauna of Castel di Guido (Rome): a taphonomic approach. *Atti 6° Convegno Nazionale di Archeozoologia 2009, Orecchiella* (Lucca, Italy): pp. 17-24, 6 figs, 1 tab.
- Sala, B., 2016. La fauna di Settepolesini nel quadro del popolamento faunistico della Val Padana negli ultimi cinquanta mila anni (in Biancardi D., ed: *Archeologia e Storia del Bacino della Bassa Valle del Po dalla Preistoria all'età Romana*). *Atti del Convegno di Bondeno*, 19-24 giugno 2014, Comune di Bondeno, ed. Cartografica: pp. 3-8, 1 fig.



Fossil Rhinos – continued

- Schmidt, Z., 1962. Nález pleistocénneho nosorozca (*Coelodonta antiquitatis* Blumenbach) v riecisti Váhu v Sali. *Sborník Práce Ochrany Prírody Zapadoslovenskom Kraji, Bratislava*, pp. 113-117, 6 figs.
- Schmidt, Z., 1969. Nálezy chladnomilnych foriem nosorozcov na Slovensku [On “cold” Slovakian rhinoceroses] [in Czech]. *Svet Vedy, Slovenska Akademia Vied, Bratislava* 16 (10): 589-592, 7 figs.
- Schmidt, Z., 1969. Nálezy teplomilnych foriem nosorozcov na Slovensku [On “warm” Slovakian rhinoceroses] [in Czech]. *Svet Vedy, Slovenska Akademia Vied, Bratislava* 16 (9): 536-540, 8 figs.
- Schreiber, H.D., 2005. Osteological investigations on skeleton material of rhinoceroses (Rhinocerotidae, Mammalia) from the early middle pleistocene locality of Mauer near Heidelberg (SW-Germany). *Quaternaire* (Hors serie) 2: 103-111.
- Sefcakova, A.; Halouzka, R.; Thurzo, M., 2005. Príspevok k histórii, stratigrafii a datovaniu neandertálca Sal'a 1 zo Slovenska [Contribution to the history, stratigraphy and dating of the Neanderthal specimen Sal'a 1 from Slovakia] [in Slovak]. *Acta Rerum Naturalium Musei Nationalis Slovaci, Bratislava* 51: 71-87, 5 figs.
- Suraprasit, K.; Jaeger, J.J.; Chaimanee, Y.; Chavasseau, O.; Yamee, C.; Tian, P.; Panha, S., 2016. The Middle Pleistocene vertebrate fauna from Khok Sung (Nakhon Ratchasima, Thailand): biochronological and paleobiogeographical implications. *Zookeys* 613: 1-157.
- Walker, M.J. (and 24 others); Made, J. van der, 2016. A view from a cave: Cueva Negra del Estrecho del Río Quípar (Caravaca de la Cruz, Murcia, Southeastern Spain): Reflections on fire, technological diversity, environmental exploitation, and palaeoanthropological approaches. *Human Evolution* 31 (1-2): 1-67.



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