

RHINO RESOURCE CENTER

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NEWSLETTER #61 DECEMBER 2020

Dear colleagues and friends,

This is the 61st 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 **24,952**. This is an increase of 224 items in the last quarter. Over 24,900 references are **available** as PDF on the RRC website.



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

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RRC – NEW FEATURE A DATABASE OF OLD WORLD NEOGENE AND QUATERNARY RHINO-BEARING LOCALITIES

Edited by Denis Geraads in collaboration with 20 other outstanding paleontologists.

Added to the website on 27 November 2020, this database is intended to provide a list of all Neogene and Quaternary Old World localities that yielded fossil remains of Rhinocerotidae. To be included, the sources must have identified these at least to genus level.

The aim is mostly geographic, and it is not intended as a revision of fossil rhinos. It is probably close to exhaustive for western and central Europe (the major source being Guérin, 1980, with addition of the coordinates), but certainly imperfect for some other areas, because the fossil record is much less complete, or because the location of fossils sites is not published with enough precision (this is especially true of Russian sites). Still, further bibliographic research would certainly increase the sampling.

The database can be searched offline and there are instructions to map the results.

The records will be updated regularly. It is easily found as a new feature on the RRC website though the button on the homepage:

<http://www.rhinosourcecenter.com/about/fossil-rhino-database.php>



Woolly rhino by Remie Bakker, 2011



NOW PUBLISHED: PACHYDERM NO. 61 FOR 2020

Journal of the African Elephant, African Rhino and Asian Rhino Specialist Groups

Pachyderm, edited by Suzannah Goss, Lydia Tiller (elephants) and Kees Rookmaaker (African and Asian rhinos), publishes peer-reviewed papers about the conservation of these pachyderms in a wide sense. It is platinum open access, without charges for either authors or readers. From this issue it is only published online.

Visit the website: <https://pachydermjournal.org/index.php/pachyderm>

Pachyderm 61 contents on rhinos:



Knight, M., 2020. African Rhino Specialist Group report.

Talukdar, B.K., 2020. Asian Rhino Specialist Group report.

Wilson, S.G.; Hockings, G.; Deretic, J.M.; Kark, S., 2020. More than just mud: the importance of wallows to Javan rhino ecology and behaviour.

Ferreira, S.; Pienaar, D., 2020. Evaluating uncertainty in estimates of large rhinoceros populations.

Khayale, C.; Kariuki, L.; Chege, G.; Sibanda, M.; Mulama, M.; Okita-Ouma, B.; Amin, R., 2020. Progress on the Kenya black rhino Action Plan (2017-2021).

Kiambi, S.M.; Murithi, K.; Waiguchu, G.; Ochieng, K.; Khayale, C.; Kariuki, L.; Omondi, S., 2020. Night census and infrared technology monitoring of a black rhinoceros' population and species competition monitoring to inform management action in Tsavo, Kenya.

Rookmaaker, L.C., 2020. Rhinoceros pulling a plough—fact or fiction?

Rookmaaker, L.C., 2020. The maximum size of the Greater one-horned rhinoceros.

Parker, I.S.C.; Graham, A.D., 2020. Part I. Policies of confusion 1960-1978: Elephant ivory, rhino horn and hippo teeth.

Parker, I.S.C.; Graham, A.D., 2020. Part II. Auctions and export from Mombasa 1960-1978: Elephant ivory, rhino horn and hippo teeth.

Chapman, L.A.; White, P.C.L., 2020. Anti-poaching strategies employed by private rhino owners in South Africa.

Penny, S.G.; White, R.L.; MacTavish, D.; MacTavish, L.; Scott, D.M.; Pernetta, A.D., 2020. Does dehorning lead to a change in inter-calf intervals in free-ranging white rhinoceros?

Patton, F.J.; Campbell, P.E.; Genade, A., 2020. The Battle for breeding rights - male behaviour at Ziwa Rhino Sanctuary, Uganda.

Goss, S., 2020. Review of Bridget Martin: Survival or extinction? How to save elephants and rhinos.

Behie, A.M., 2020. Colin Peter Groves: Taxonomist, conservationist, friend and teacher.



ABADA, OR THE MADRID RHINOCEROS OF 1577-1591

Now available:

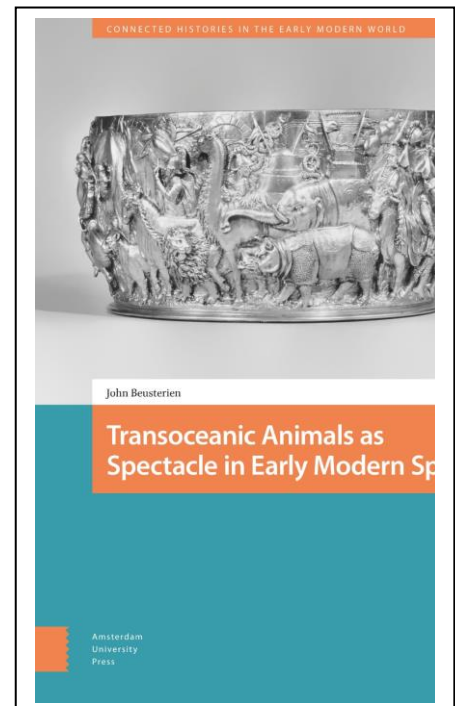
John Beusterien’s *Transoceanic Animals as Spectacle in Early Modern Spain*

Published by Amsterdam University Press, September 2020

Publisher’s summary:

Animal spectacles are vital to a holistic appreciation of Spanish culture. In *Transoceanic Animals as Spectacle in Early Modern Spain*, Beusterien christens five previously unnamed animals, each of which was a protagonist in a spectacle: Abada, the rhinoceros; Hawa’i, the elephant; Fuleco, the armadillo; Jarama, the bull; and Maghreb, the lion. In presenting and analyzing their stories, Beusterien enriches our understanding of the role of animals in the development of commercial theater in Spain and in the modern bullfight. He also contributes to growing scholarly conversations on the importance of Spain in the history of science by examining how animal spectacles had profound repercussions on the emergence of the modern zoo and natural history museum.

Combining scholarly content analysis and pedagogical sagacity, the book has a broad appeal for scholars of the early modern Spanish Empire, animal studies scholars, and secondary and postsecondary instructors looking for engaging exercises and information for their Spanish language, culture, and history students.



The book has a chapter on the rhinoceros which was shipped from the Portuguese mission in Goa in 1577. This female, known as Madrid Rhinoceros, was exhibited first in Portugal and subsequently in Spain. Beusterien suggests that the animal was captured in the wild when about two years old after the mother was shot by a mughal hunting party. This new book should be a starting point for a new history of the Madrid Rhinoceros incorporating many new data recently found.



A NEW FILE TO BROWSE THE RRC

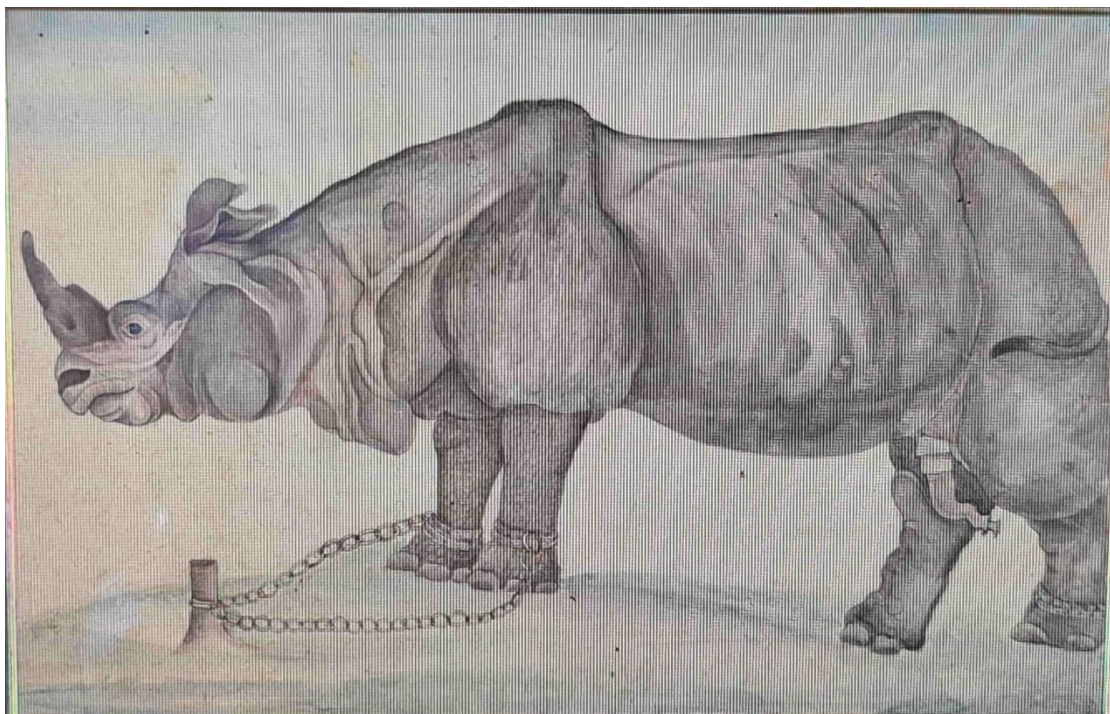
It is definitely easy to browse or search the RRC using the long-standing search options found on the “Literature” page. As the contents of the website are ever-increasing, the results often show in long lists.

As a trial, I have combined all references written from 2000 to 2019 in a single file. It is presented as a PDF as this is our standard file option.

Click [here](#) to access the file

This file is easily searchable by any word or combination of letters or words. The entries are alphabetical by first author.

And check out the Appendix for an added bonus.



MYSTERY RHINOCEROS

The drawing here reproduced (probably first time in colour) was auctioned by Sotheby’s in London on 3 April 1978. There is no information about the rhinoceros displayed, or about locality, date, artist.

With the help of the German Indologist Joachim Bautze, we have traced it in the sales catalogue, lot 124 (p.110): “A RHINOCEROS standing facing left chained to a post, the animal's body heavily scaled, slightly stained, mounted. (237mm. by 372mm.) [Company school, early nineteenth century]. The estimate was £150/200.”

Catalogue of Important Oriental Manuscripts and Miniatures. The Property of Hagop Kevorkian Fund. London 3rd April 1978.

Any information or advice is always gratefully received.

And check out another mystery rhino below on p. 14.



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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.*



RRC VISITORS

During three months September to November 2020, www.rhinosourcecenter.com the RRC recorded 43,200 total clicks (excluding robots).

This is 480 per day.

Thank you for visiting the RRC

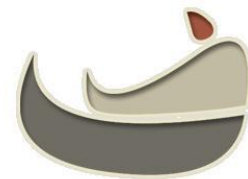


1 DECEMBER

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.



CONTENTS OF THE RHINO RESOURCE CENTER

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

RRC	2019 Dec	2020 March	2020 June	2020 Sept	2020 Dec	ANNUAL INCREASE
References	24,230	24,460	24,572	24,728	24,952	+ 722
PDF files	24,180	24,300	24,523	24,682	24,936	+ 756
Images	4,530	4,544	4,549	4,569	4,589	+ 89

Many thanks to everybody who has helped us by sending copies of books and papers, information, data, news, pictures, photographs – all shared across the globe.

NEW LITERATURE (finalized 30 November 2020)

In this quarter (September to November 2020), we have added 156 new references, to bring the total number of items in the database to **24,952**.

Of these, 24,936 or 99 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.

Most additions are available on the website.
Search for them on the RRC, it's easy.

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

NEW GENERAL PUBLICATIONS

Bai, B.; Meng, J.; Zhang, C.; Gong, Y.X.; Wang, Y.Q., 2020. The origin of Rhino-cerotoidea and phylogeny of Ceratomorpha (Mammalia, Perissodactyla). *Communications Biology* 3 (509): 1-16 - <https://doi.org/10.1038/s42003-020-01205-8>.

Behie, A.M., 2020. Colin Peter Groves: Taxonomist, conservationist, friend and teacher. *Pachyderm* 61: 203-204.

Dean, C., 2020. Introducing - the C-word. *The Horn* (Save the Rhino International) 2020: 3.

Dean, C., 2020. Rhino conservation, where we're at. *The Horn* 2020: 4-7.

Dean, C., 2020. Rhino covid-19 crisis: it's up to all of us. *The Horn* 2020: 20-21.

Du Bosch, G., 1893. Une vente au Jardin Zoologique d'Anvers. *Illustration: Journal Universel* 102 (2638), 10 September 1893: 230-233.

Gippoliti, S., 2018. Colin P. Groves (1942-2017) and his legacy. *Natural History Sciences (Milano)* 5 (2): 1-2 - <https://doi.org/10.4081/nhs.2018.385>.

Hill, D., 2020. Going above and beyond: the development of ForRangers. *The Horn* (Save the Rhino International) 2020: 22.

International Rhino Foundation, 2019. *Annual report for 2019*. White Oak, IRF, pp. 1-24.

International Rhino Foundation, 2020. *State of the rhino 2020*. White Oak, IRF, 7 pp.



General – continued

- International Rhino Keeper Association, 2020. Various notes. *The Crash*, Sept. 2020: 1-10.
- Moore, D., 2020. The 26 for 26 challenge. *The Horn* (Save the Rhino International) 2020: 18.
- Muir, Y.S.S.; Bryant, B; Campbell-Ward, M.; Higgins, D.P., 2020. Retrospective anti-tetanus antibody responses of zoo-based Asian elephants (*Elephas maximus*) and rhinoceros (*Rhinocerotidae*). *Developmental and Comparative Immunology* 114 (103841): 1-7 - <https://doi.org/10.1016/j.dci.2020.103841>.
- Price, S.A.; Bininda-Emonds, O.R.P., 2009. A comprehensive phylogeny of extant horses, rhinos and tapirs (*Perissodactyla*) through data combination. *Zoosystematics and Evolution* 85 (2): 277–292.
- Robin des Bois, 2020. Information sur braconnage des rhinoceros. *A La Trace* (Bulletin d'information et d'analyses sur le braconnage et la contrebande d'animaux) no.28: 93-99.
- Robin des Bois, 2020. Notes on rhinoceros poaching. *On the Trail* (Information and analysis bulletin on animal poaching and smuggling) no.28: 93-99.
- Rookmaaker, L.C., 2020. Review of Divyabhanusinh, *The story of India's unicorns* (2018). *Archives of Natural History* 47 (2): 416.
- Rookmaaker, L.C., 2020. Review of T.P. Barnard, *Imperial creatures* (2019). *Archives of Natural History* 47 (2): 413.
- Rookmaaker, L.C., 2020. Rhinoceros pulling a plough—fact or fiction? *Pachyderm* 61: 176-178.
- Rookmaaker, L.C., 2020. The maximum size of the greater one-horned rhinoceros (*Rhinoceros unicornis*). *Pachyderm* 61: 184-190.
- Rookmaaker, L.C., 2020. Twenty years of literature on the rhinoceros 2000-2019, extracted from the Rhino Resource Center (RRC) - www.rhinoresourcecenter.com. Doorn, RRC, pp. 1-346.
- Thompson, N., 2020. The remarkable story of London Zoo's first Komodo Dragons. *Journal of the Bartlett Society* 28: 4-25. [About a dragon collected by my grandfather Hendrik R. Rookmaaker]
- Vendries, C., 2016. Les Romains et l'image du rhinoceros les limites de la ressemblance. *Archeologia Classica*, Roma 2016: 279-340.
- Wright, K., 2020. Fundraising and fulfilling the rhino dream. *The Horn* (Save the Rhino International) 2020: 19.

NEW PUBLICATIONS ON AFRICAN RHINOS

- Aldila, D.; Azizah, N.; Handari, B.D. , 2020. Optimal control problem arises from illegal poaching of southern white rhino mathematical model. *Advances in Difference Equations* 2020: 605: <https://doi.org/10.1186/s13662-020-03062-5>.
- Anderson, N., 2020. Zimbabwe: keeping a close eye on black rhinos. *The Horn* (Save the Rhino International) 2020: 32-33.
- Avery, G.; Halkett, D.; Orton, J.; Steele, T.; Tusenius, M.; Klein, R., 2008. The Ysterfontein 1 Middle Stone Age rock shelter and the evolution of coastal foraging. *South African Archaeological Society Goodwin Series* 10: 66-89.
- Badenhorst, S.; Van Niekerk, K.L.; Henshilwood, C.S., 2016. Large mammal remains from the 100 ka Middle Stone Age layers of Blombos Cave, South Africa. *South African Archaeological Bulletin* 71: 46-52.
- Brack, C., 2020. Parque Zoológico Caricuao. *Journal of the Bartlett Society* 28: 26-28.
- Brett, R., 2020. Tanzania: how would you imagine a rhino population. *The Horn* (Save the Rhino International) 2020: 27.



African Rhinos – continued

- Buys, A.; Crafford, J.; Heerden, H. van, 2020. Development and evaluation of indirect enzyme-linked immunosorbent assays for the determination of immune response to multiple clostridial antigens in vaccinated captive bred southern white rhinoceros (*Ceratotherium simum simum*). *Acta Veterinaria Scandinavica* 62 (57): 1-8 - <https://doi.org/10.1186/s13028-020-00555-x>.
- Chapman, L.A.; White, P.C.L., 2020. Anti-poaching strategies employed by private rhino owners in South Africa. *Pachyderm* 61: 179-183.
- Chapman, L.A.; White, P.C.L., 2020. The future of private rhino ownership in South Africa. *Wildlife Research* 47 (6): 441-447 - <https://doi.org/10.1071/WR20013>.
- Denker, H., 2020. Namibia: Operation Blue Rhino, a game changer. *The Horn* (Save the Rhino International) 2020: 37.
- Dyer, M., 2020. Kenya: expanding habitat for rhinos on Borana Conservancy. *The Horn* (Save the Rhino International) 2020: 24.
- Ferreira, S.; Pienaar, D., 2020. Evaluating uncertainty in estimates of large rhinoceros populations. *Pachyderm* 61: 97-108.



Gustave Moreau 1881 Black rhino (*Diceros bicornis*) in Jardin des Plantes



African Rhinos – continued

- Gaymer, J., 2020. Kenya: working together for black rhinos. *The Horn* (Save the Rhino International) 2020: 23.
- Gaymer, J., 2020. Kenya: veterinary care for Kenya's black rhinos. *The Horn* 2020: 25.
- Goss, S., 2020. Review of Bridget Martin: Survival or extinction? How to save elephants and rhinos. *Pachyderm* 61: 200-202.
- Henshilwood, C.S.; Sealy, J.C.; Yates, R.; Cruz-Uribe, K.; Goldberg, P.; Grine, F.E.; Klein, R.G.; Poggenpoel, C.; Van Niekerk, K.; Watts, I., 2001. Blombos Cave, southern Cape, South Africa: preliminary report on the 1992–1999 excavations of the Middle Stone Age levels. *Journal of Archaeological Science* 28 (4): 421-448.
- Jenikejew, J.; Chaignon, B.; Linn, S.; Scheumann, M., 2020. Proximity-based vocal networks reveal social relationships in the Southern white rhinoceros. *Nature: Scientific Reports* 10:15104: 1-12 - <https://doi.org/10.1038/s41598-020-72052-0>.
- Khayale, C.; Kariuki, L.; Chege, G.; Sibanda, M.; Mulama, M.; Okita-Ouma, B.; Amin, R., 2020. Progress on the Kenya black rhino Action Plan (2017-2021). *Pachyderm* 61: 109-119.
- Kiambi, S.M.; Murithi, K.; Waiguchu, G.; Ochieng, K.; Khayale, C.; Kariuki, L.; Omondi, S., 2020. Night census and infrared technology monitoring of a black rhinoceros' population and species competition monitoring to inform management action in Tsavo, Kenya. *Pachyderm* 61: 131-139.
- Klein, R.G.; Cruz-Uribe, K., 2000. Middle and later Stone Age large mammal and tortoise remains from Die Kelders Cave 1, Western Cape Province, South Africa. *Journal of Human Evolution* 38 (1): 169-195 - <https://doi.org/10.1006/jhev.1999.0355>.
- Knight, M., 2013. African Rhino Specialist Group. *Species* no.55: 27-28.
- Knight, M., 2014. African Rhino Specialist Group. *Species* no.56: 57-58.
- Knight, M., 2015. African Rhino Specialist Group. *Species* no.57: 38-39.
- Knight, M., 2017. African Rhino Specialist Group. *Species* no.58: 146-147.
- Knight, M., 2018. African Rhino Specialist Group. *Species* no.59: 160-163.
- Knight, M., 2020. African Rhino Specialist Group report. *Pachyderm* 61: 23-42.
- Knight, M., 2020. From poaching to Covid-19: what next for our rhinos. *The Horn* (Save the Rhino International) 2020: 36.
- Knight, M., 2020. Rapport du Groupe de Spécialistes du Rhinocéros d'Afrique. *Pachyderm* 61: 23-42.
- Lewis, C.; Craig, J., 2020. Why team ZimZam runs the London marathon. *The Horn* (Save the Rhino International) 2020: 28-29.
- Nene, L.N., 2020. South Africa: a day in the life of Lawrence Nkosikhona Nene. *The Horn* (Save the Rhino International) 2020: 35.
- Okita-Ouma, B.; Langevelde, F.van; Heitkonig, I.M.A.; Maina, P.; Wieren, S.E. van; Prins, H.H.T., 2020. Relationships of reproductive performance indicators in black rhinoceros (*Diceros bicornis michaeli*) with plant available moisture, plant available nutrients and woody cover. *African Journal of Ecology* 2020: 1-15.
- Parker, I.S.C.; Graham, A.D., 2020. Part I. Policies of confusion 1960-1978: Elephant ivory, rhino horn and hippo teeth. *Pachyderm* 61: 153-160.
- Parker, I.S.C.; Graham, A.D., 2020. Part II. Auctions and export from Mombasa 1960-1978: Elephant ivory, rhino horn and hippo teeth. *Pachyderm* 61: 161-175.
- Patton, F.J.; Campbell, P.E.; Genade, A., 2020. The Battle for breeding rights - male behaviour at Ziwa Rhino Sanctuary, Uganda. *Pachyderm* 61: 194-196.

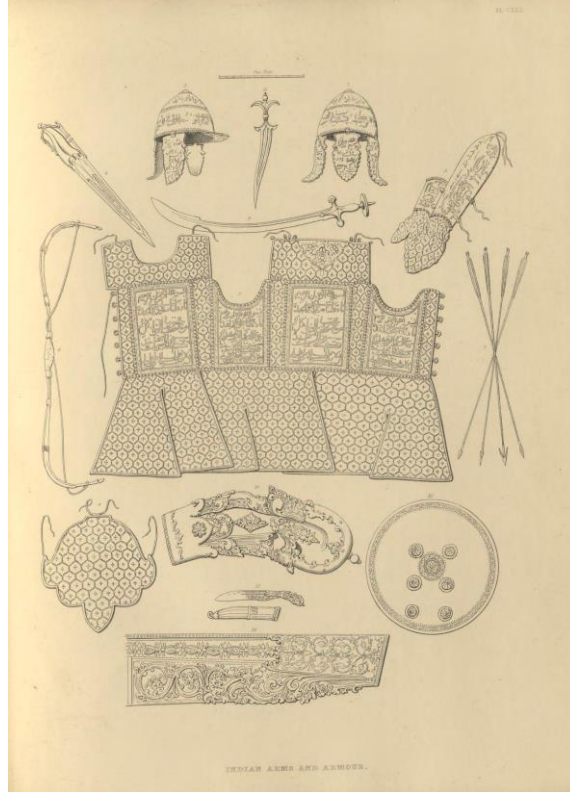


African Rhinos – continued

- Penny, S.G.; White, R.L.; MacTavish, D.; MacTavish, L.; Scott, D.M.; Pernetta, A.D., 2020. Does dehorning lead to a change in inter-calf intervals in free-ranging white rhinoceros? *Pachyderm* 61: 191-193.
- Pereira, A., 2020. Cracking down on corruption. *The Horn* (Save the Rhino International) 2020: 12.
- Piroris, J., 2020. Kenya: improving our dogs tracking skills. *The Horn* (Save the Rhino International) 2020: 26.
- Pohlin, F.; Hooyberg, E.H.; Buss, P.; Huber, N.; Viljoen, F.P.; Blackhurt, D.; Meyer, L.C.R., 2020. A comparison of hematological, immunological, and stress responses to capture and transport in wild white rhinoceros bulls (*Ceratotherium simum simum*) supplemented with azaperone or midazolam. *Frontiers in Veterinary Science* 20 October 2020: 1-12 - <https://doi.org/10.3389/fvets.2020.569576>.
- Reynard, J.P.; Discamps, E.; Badenhorst, S.; Van Niekerk, K.; Henshilwood, C.S., 2016. Subsistence strategies in the southern Cape during the Howiesons Poort: Taphonomic and zooarchaeological analyses of Klipdrift Shelter, South Africa. *Quaternary International* 404: 2-19. <https://doi.org/10.1016/j.quaint.2015.07.041>.
- Reynard, J.P.; Henshilwood, C.S., 2016. Environment versus behaviour: Zooarchaeological and taphonomic analyses of fauna from the Still Bay layers at Blombos Cave, South Africa. *Quaternary International* 500: 159-171.
- Roberts, M.P., 2020. Micro-anatomy of the ear of the southern white rhinoceros (*Ceratotherium simum simum*). *Anatomia Histologia Embryologia* 2020: early view – <https://doi.org/10.1111/ahel.12632>.
- Roca, A.L., 2020. Genetic analysis and marker development in the Sumatran Rhinoceros (*Dicerorhinus sumatrensis*). Proceedings of the Plant and Animal Genome Conference XXVIII (San Diego) Abstract W920: 1.
- Sandersen, C., 2020. Comment prévenir l'hypoxie pendant l'anesthésie du rhinocéros d'Afrique (*Ceratotherium simum* et *Diceros bicornis*). Thesis presented to the University of Liege, Belgium, pp. 1-40.
- Sikapite, H., 2020. Zambia: Sharing knowledge, working with our local community in North Luangwa. *The Horn* (Save the Rhino International) 2020: 30-31.
- Steele, T.E.; Klein, R.G., 2013. The Middle and Later Stone Age faunal remains from Diepkloof Rock Shelter, Western Cape, South Africa. *Journal of Archaeological Science* 40 (9): 3453-3462 - <https://doi.org/10.1016/j.jas.2013.01.001>.
- Sullivan, K.E.; Mylniczenko, N.D.; Nelson Jr, S.E.; Coffin, B.; Lavin, S.R., 2020. Practical management of Iron Overload Disorder (IOD) in black rhinoceros (BR; *Diceros bicornis*). *Animals* 10 (1991): 1-28 - doi:10.3390/ani10111991.
- Swart, D., 2020. South Africa: a surreal Hluhluwe-iMfolozi Park. *The Horn* (Save the Rhino International) 2020: 34.
- Thackeray, J.F., 2020. African roan antelope, ethiopian 'unicorns' and european medieval art. *Digging Stick* 37 (2): 17-19.
- Uri-Khob, S., 2020. Namibia: protecting rhinos with our community. *The Horn* (Save the Rhino International) 2020: 38-39.



Body armour from rhino hide (Indian). This was described from the collection of Samuel Rush Meyrick (1783-1848) once in Goodrich House, Hertfordshire, UK. Previously in coll. Duke of York. Meyrick's collection of armour was largely bought by the Wallace Collection in London, however this item probably was removed before that sale. Whereabout now unknown. (From Skelton 1854).



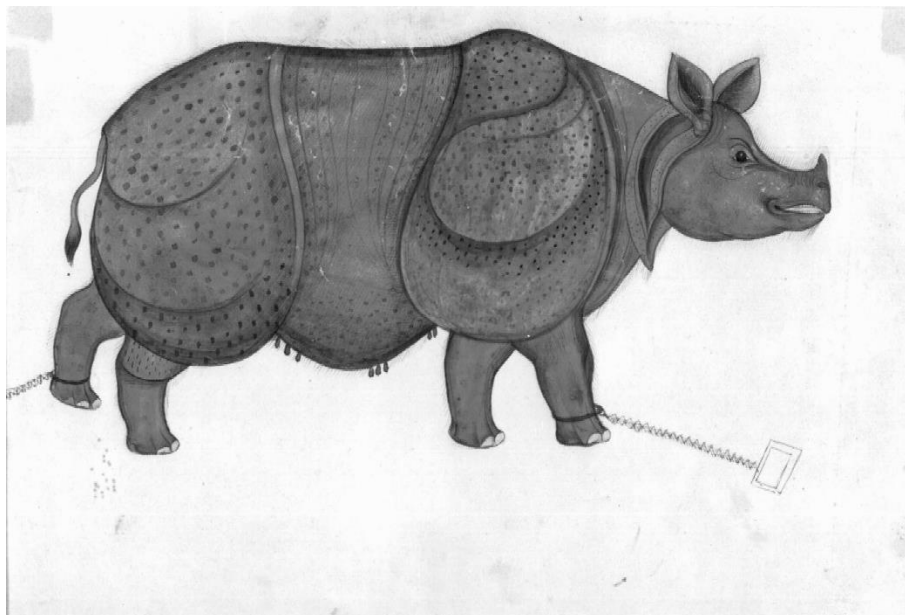
NEW PUBLICATIONS ON ASIAN RHINOS

- Alberts, E.C., 2020. The rhino in the room: 3D scan brings near-extinct Sumatran species to virtual life. www.mongabay.com 21 October 2020: 1-8.
- Anonymous, 1745. Exhibition of rhinoceros in Groningen (The Netherlands). *Opregte nieuwe Groninger courant* 29 January 1745: 2.
- Anonymous, 1745. Exhibition of rhinoceros in Groningen (The Netherlands). *Opregte nieuwe Groninger courant* 5 February 1745: 2.
- Anonymous, 2018. Rhinos find a second home in the Dudhwa National Park. WWF Media release 2018.
- Beach, M.C., 1965. Rajput painting and the mughals. *American Connoisseur* 160 (646): 266-269.
- Bedford, J., 2020. Indonesia: ensuring an encore for the singing rhino. *The Horn* (Save the Rhino International) 2020: 14-15.
- Bhattacharya, A., 1982. Daily activity cycle of Great Indian one horned rhinoceros at Gorumara and Jaldapara Wildlife Sanctuaries, West Bengal, India. *Journal of the Bengal Society of Natural History* (new series) 1 (2): 30-32.
- Bhattacharya, A., 1994. Rhinos of Jaldapara: some problems for survival and their proposed conservation measures. *Zoo's Print* 9 (11): 5-6.
- Bhattacharya, A., 1994. Some new aspects of pre and post defecation behaviour associated with scent marking relationship in Great Indian one horned rhinoceros. *Cheetal* 33 (3/4): 1-9.



Asian Rhinos – continued

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Another mystery rhinoceros: draughtsman, locality, date, whereabouts – all unknown
Definitely Indian showing a GOH Rhinoceros unicornis



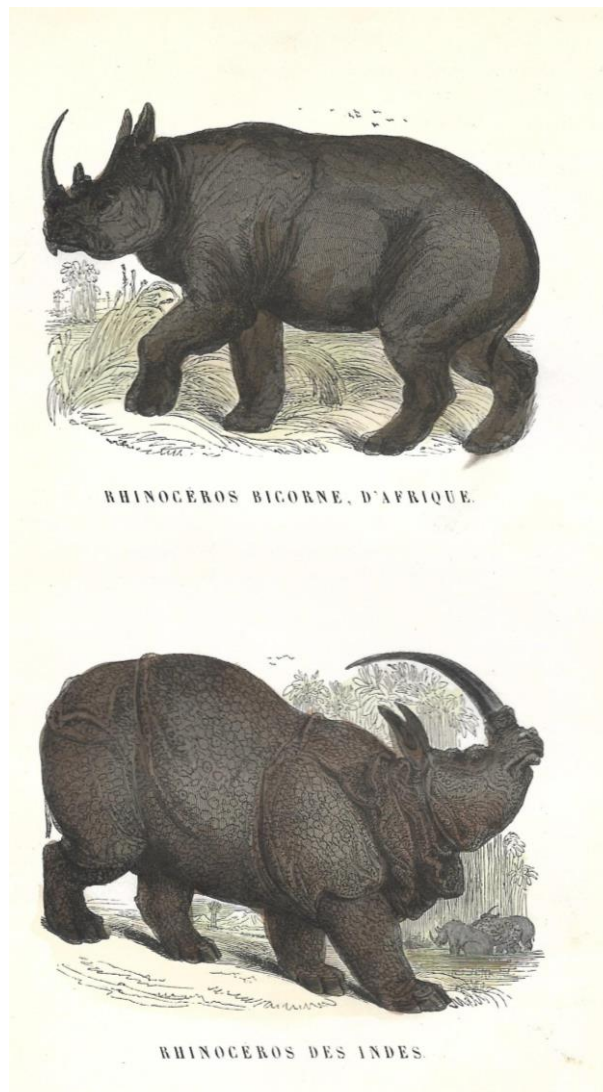
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NEW PUBLICATIONS ON FOSSIL RHINOS

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Our new feature on the RRC on fossil rhinos:
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Dr Kees Rookmaaker has actively worked on the biology and history of the rhinoceros for 50 years. He is a member of the IUCN-SSC Asian Rhino Specialist Group, and advisor to the EAZA Rhino TAG and to the International Rhino Foundation. He is the editor of the rhino section of *Pachyderm*. Author of eight books on African and Asian exploration and on the rhinoceros, as well nearly 250 shorter publications, many in peer-reviewed journals. Until 2015, he worked as a Senior Research Fellow on [Darwin Online](#) and [Wallace Online](#) at the National University of Singapore. He was Secretary of the International Commission on Zoological Nomenclature (ICZN) for a short period in 2015. The Society for the History of Natural History awarded him their Founder's Medal, and he served in the Council for several years.

CHRONICLES OF THE RHINOCEROS IN SOUTH ASIA

This is a new project to review and archive the historical information on the interaction between men and rhinoceros in the South Asian subcontinent. There is much amazing information in all kinds of publications, as well as data on rhino trophies and specimens in museums and private collections. I am particularly excited about some of the older artwork and photographs which can still be found.

-  Pictures of any rhinoceros in art or alive in Indian subcontinent
-  Historical photographs of rhinos hunted or seen before 1970
-  Data on trophies and specimens in museums and private collections

All contributions are always welcome

Kees Rookmaaker – August 2020