

RHINO RESOURCE CENTER

www.rhinoresourcecenter.com

NEWSLETTER #29 NOVEMBER 2012

Dear colleagues and friends,

This is the 29th 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 17,250. This represents an increase of 160 items in the last quarter.

Over 16,500 references are available as PDF on the RRC website.

IN THIS ISSUE:

IRKA calendar and workshop	p. 2
YABI's logo	p.2
News from Tabin, Sabah	p. 3
Black rhino in Togo, West Africa	p. 4
Kenya rhino policy 2012-2016	p. 4
African poaching statistics	p. 4
Pachyderm no. 51 is published	p. 5
Our sponsors	p. 6
Contents of the RRC website	p. 7
Yes, you can help	p. 7
New Literature	p. 8
General	p.8
African	p.9
Asian	p.13
Fossil	p.15
Contact Information	p. 18

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

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IRKA – CALENDAR AND WORKSHOP

The International Rhino Keepers Association is still selling their Calendar for 2013. Competitively priced, these make a great gift. Click [here](#) to order.



And next year, IRKA is organising the 2013 Rhino Keeper Workshop at San Diego Zoo Safari Park, May 5-9, 2013. If previous workshops are a guide, this will be an event well worth attending. More details soon on their website.

YABI's LOGO



A new logo of the Rhino Foundation of Indonesia incorporates Andatu. The young Sumatran rhino in Way Kambas is said to be doing well.



NEWS FROM TABIN'S RHINO FACILITY IN SABAH



Based on data from zoos and other facilities since 1990s, it is known that healthy, fertile female Sumatran rhinos are receptive to mating only for a period of 1-2 days, at intervals of roughly 21-27 days. Dangerous fighting may occur between male and female rhinos if put together at times of “non-receptivity”. Of the various possible methods potentially available to determine receptivity dates, the best available in Sabah is to monitor blood serum levels of the hormone progesterone; this rises and falls, with the lowest level normally indicating receptivity. Based on monitoring of Puntung’s progesterone since January 2012, and the successful reduction of her endometrial cyst growth in June, 17 August was determined to be the most likely date for the first mating attempt. Six attempts to put Puntung and Tam together in the breeding yard were done (17-19 August). Tam showed increasing aggression over those days, and no copulation occurred. Puntung’s drop in progesterone in September occurred sooner than anticipated, and the likely best date was missed for a second mating attempt. A decision was taken to monitor serum daily, rather than every other day, and to target October for the next mating attempt. There is a constraint, however, in that blood samples are analysed in Sandakan, and results not usually available same day. (Contributed by John Payne)

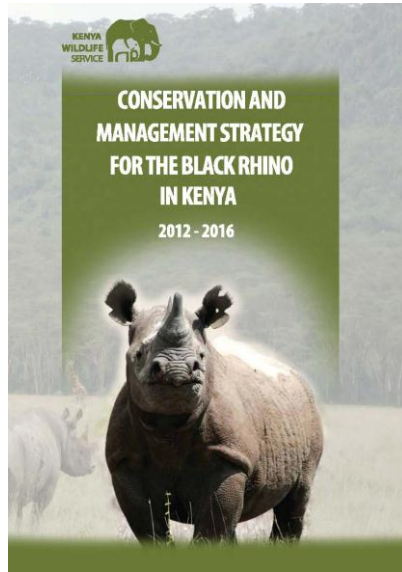




BLACK RHINO IN TOGO

Pierre-Olivier Antoine and Kees Rookmaaker have uncovered evidence of rhinos in the West African country of Togo. The historical range of the black rhinoceros is now extended to that part of the continent. The species no longer survives in the area. The article is found [here](#).

KENYA RHINO POLICY



The Kenya Wildlife Service (KWS) has released a new conservation and management strategy for the black rhino (*Diceros bicornis michaeli*) in Kenya for the years 2012-2016. It can be accessed [here](#).

This provides guidelines to follow to protect the important rhino populations in the country.

The KWS is greatly to be congratulated for the timely release of the policy, as well as for its strive to transparency by making this document freely available.

RHINO POACHING STATISTICS

The Department of Environmental Affairs of the Republic of South Africa keeps tracks of rhino poaching. Details can be found on their [website](#), and the latest figures are below. A grim picture!

Rhino poaching statistics: 30 October 2012

SA	2010	2011	2012
KNP (SANParks)	146	252	296
MNP (SANParks)	0	6	3
GP	15	9	1
LIM	52	74	49
MP	17	31	21
NW	57	21	52
EC	4	11	7
FS	3	4	0
KZN	38	34	57
WC	0	6	2
NC	1	0	0
	333	448	488

186 of the arrested individuals are at the level of poacher, 10 are receivers and 18 are couriers.



PACHYDERM NO. 51 IS PUBLISHED

Find it here: <http://www.pachydermjournal.org/index.php/pachy>

Pachyderm

January – June 2012

Number 51



The Rhino Section is edited by Kees Rookmaaker, according to the policies of the editorial board. The journal is peer-reviewed and publishes great papers, many about rhino research and conservation in the field

The Forest Department of West Bengal, India, has trained a number of women living in the areas surrounding Gorumara National Park to weave jute handicrafts to sell to tourists, one of several activities to support the villagers. Credit: Lucy Vigne

Rhino Papers in this issue:

African Rhino Specialist Group Chair report / Rapport du Groupe Spécialiste des Rhinos d'Afrique - Michael Harrison Knight

Asian Rhino Specialist Group Chair report / Rapport du Groupe Spécialiste des Rhinos d'Asie - Bibhab Talukdar Kumar

Successful rhino conservation continues in West Bengal, India - Esmond Martin, Lucy Vigne

Assessment of habitat utilization pattern of rhinos (*Rhinoceros unicornis*) in Orang National Park, Assam, India - Pranjit Kumar Sarma, B. S. Mipun, Bibhab Kumar Talukdar, Hilloljyoti Singha, Ajit Kumar Basumatary, Arup Kumar Das, Ankita Sarkar, B. C. Hazarika

Unusual Mortalities of Eastern Black Rhinoceros (*Diceros bicornis michaeli*) due to Clostridial Enterotoxaemia in Ol Jogi Pyramid Sanctuary, Kenya - David Ndeereh, Benson Okita-Ouma, Jamie Gaymer, Mathew Mutinda, Francis Gakuya

A proposed framework for short-, medium- and long-term responses by range States to curb poaching for African rhino horns - Sam Ferreira, Benson Okita-Ouma



OUR SPONSORS

The board and staff of the Rhino Resource Center gratefully acknowledge the support of our two main sponsors, the International Rhino Foundation and SOS Rhino.

A generous donation was received from the WWF Areas Programme.



INTERNATIONAL RHINO FOUNDATION



SOS RHINO



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 donate to the RRC to show their appreciation of our work.

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	2011 November	2012 February	2012 May	2012 August	2012 November	ANNUAL INCREASE
References	15,855	16,219	16,850	17,090	17,250	+ 1395
PDF files	13,785	14,795	15,520	16,090	16,527	+ 2742
Images	2,667	2,745	2,765	2,915	3,086	+ 415
Messages	803	811	833	847	852	+ 49

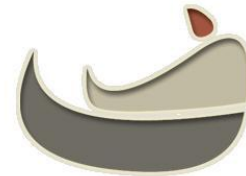
I thank everybody who has helped us by sending copies of books and papers.

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

DONATIONS TO THE RRC

Good News: - It is now possible to donate directly to the Rhino Resource Center by creditcard or Paypal. The amounts are in Euros: 10 euros = \$13.25 = £8.15. All donations, small or big, are a boost to our work. When have found the files you need for your work on the RRC, you can consider donating 10 euros.

[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.



The RRC has many items from the [famous collection](#) of Emilio Gargioni highlighting the work of contemporary artists focusing on the rhinoceros.

NEW LITERATURE (finalised 31 July 2012)

In this quarter (August to October 2012), we have added 160 new references, to bring the total number of items in the database to 17,250. Of these, 16,257 or 94 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.

If you are interested in one of these titles, always check the [RRC website](#) first, because most are available there.

NEW BOOKS AND GENERAL PUBLICATIONS

- Anonymous, 2012. Gernegroßwildjäger. *Süddeutsche Zeitung* 15 September 2012
- Anonymous, 2012. Haft für Nashorn-Bande. *Frankfurter Allgemeine Zeitung* 17 September 2012.
- Antoine, P.O.; Rookmaaker, L.C., 2012. The first historical record of a rhinoceros in Togo. *Mammalia, Paris 2012*: DOI: 10.1515/mammalia-2012-0049.
- Blaszkiewitz, B., 2012. *Wegweiser durch den Tierpark*, 48th ed.. Berlin, Tierpark, pp. 1-150.
- Conrad, K., 2012. Trade bans: a perfect storm for poaching? *Tropical Conservation Science* 5 (3): 245-254.
- Fontes da Costa, P., 2006. A visualização da natureza e o entendimento do mundo vivo. *Filosofia e Historia da Biologia* 1: 247-269.



General – continued

- Kenya Wildlife Service, 2012. *Conservation and management strategy for the black rhino (Diceros bicornis michaeli) in Kenya 2012-2016*, 5th edition. Nairobi, KWS, pp. 1-64.
- MacKenzie, R., 2012. Centre and periphery in Lawrence Norfolk's *The Pope's Rhinoceros* and Christoph Ransmayr's *Die letzte Welt*. *Orbis Litterarum* 67 (5): 416–436.
- Mattern, J., 2010. *Asian animals: rhinoceroses*. Mankato, Capstone Press, pp. 1-24.
- Milliken, T.; Shaw, J., 2012. *The South Africa-Viet Nam rhino horn trade nexus: a deadly combination of institutional lapses, corrupt wildlife industry professionals and Asian crime syndicates*. Johannesburg, Traffic, pp. 1-173
- Owen, Ruth, 2012. *Dr Bob's amazing world of animals: rhinoceroses*. New York, Windmill Books, pp. 1-32.
- Palazy, L.; Bonenfant, C.; Gaillard, J. M.; Courchamp, F., 2012. Rarity, trophy hunting and ungulates. *Animal Conservation* 15: 4-11.
- Pelusey, M.; Pelusey, J., 2008. *Zoo animals: rhinoceroses and hippopotamuses*. South Yarra, Macmillan Education Australia, pp. 1-32.
- Robeyns, G., 2012. Special wishes for the members of Antwerp Zoo; 65 years of history in pictures (1850-1914). *Zoologische Garten* 81: 14-79.
- Rookmaaker, L.C., 2012. *Asian rhinos in Singapore, and their survival in the region. Proceedings of the International Conference of Zookeepers (Singapore, September 2012)*, pp. 1-30.
- Roth, T.; Ellis, S., 2011. Research and rhinos: what we need to know to conserve them. *Proceedings of the 2011 International Elephant and Rhino Conservation and Research Symposium, Rotterdam 10-14 October 2011*: 1584-1603.
- Suen, A.; Denman, M.L.; Huiett, W.J., 2006. *A rhinoceros grows up*. Minneapolis, Picture Window Books, pp. 1-24.
- Tikhonov, A.A.; Baryshnikov, G.F.; Saunders, J.J., 2002. Vadim Evgenievich Garutt (1917-2002). *Russian Journal of Theriology, Moskva*; 1 (2): 151-152, 1 photograph.

NEW PUBLICATIONS ON AFRICAN RHINOS

- Anonymous, 2012. Zambia: Nashornwachwuchs. *ZGF-Gorilla* 2012 (3): 4
- Borchert, S., 2012. How to count rhinos. *Africa Geographic* 20 (6): 29
- Bryant, B.; Blyde, D.; Eamens, G.; Whittington, R., 2012. Mycobacterium avium subspecies paratuberculosis cultured from the feces of a Southern black rhinoceros (*Diceros bicornis minor*) with diarrhea and weight loss. *Journal of Zoo and Wildlife Medicine* 43 (2): 391-393.
- Caceres, S.; Martinez-Fernandez, L.; Silvan, L.; Schwarzenberger, F.; Casares, M.; Martin-Ruiz, A.; Illera, J.C., 2012. Faecal cortisol and progesterone metabolites concentration in four captive white rhinoceros (*Ceratotherium simum*) kept in different housing conditions. *Wiener Tierärztliche Monatsschrift* 99 (Supplement 1): 52.
- Chester Chronicle, 2012. A price on their head. *International Zoo News* 59 (4): 311.
- Cook, J., 2009. Training successes with southern white rhinoceros at Colchester Zoo. *Ratel* 36 (4): 5-7.



African Rhinos – continued

- Crass, B., 2011. Early days with the Natal Parks Board: some personal reminiscences by a former Principal Scientific Officer. *Natalia* 41: 82-89.
- Droma, A., 2012. The monitoring of rhino health through bleeding at the Uganda Wildlife Education Centre. Proceedings of the International Conference of Zookeepers (Singapore, September 2012), pp. 1-30.
- Edwards, K.L.; Shultz, S.; Pilgrim, M.; Walker, S.L., 2012. Using hormone analysis to investigate reproductive success in the female eastern black rhinoceros (*Diceros bicornis michaeli*). *Wiener Tierärztliche Monatsschrift* 99 (Supplement 1): 37.
- Ellis, B., 1994. Game conservation in Zululand 1824-1947; changing perspectives. *Natalia* 23-24: 27-44.
- Emslie, R.H., 2012. *Ceratotherium simum*. In: IUCN. 2012. IUCN Red List of Threatened Species. Version 2012.2. <www.iucnredlist.org>, pp. 1-9.
- Emslie, R.H.; Knight, M.H., 2012. Update on African rhino from IUCN SSC African Rhino Specialist Group (AfRSG). Report to CITES: pp. 1-4
- Evenhuis, N.L., 2012. Sir Richard Owen's fly, *Gyrostigma rhinocerontis* (Diptera: Oestridae): correction of the authorship and date, with a list of animal names newly proposed by Owen in his little-known 1830 catalogue. *Zootaxa* 3501: 74-82.
- Ferreira, S.; Okita-Ouma, B., 2012. A proposed framework for short-, medium- and long-term responses by range States to curb poaching for African rhino horns. *Pachyderm* 51: 60-74.
- Goot, A.C. van der; Dalerum, F.; Ganswindt, A.; Martin, G.B.; Millar, R.P.; Paris, M.C.J., 2012. Faecal progesterone patterns in wild African white rhinoceros (*Ceratotherium simum*). *Wiener Tierärztliche Monatsschrift* 99 (Supplement 1): 36.
- Grill, B., 2012. Krieg im Busch. *Die Zeit-Dossier* 33: 13-16, 6 photos.
- Holeckova, D., 2011. Zoo Dvur Kralove pini sve poslani. Annual Report of Dvur Kralove Zoo 2011: 212-217.
- Hume, J.; Travers, W., 2012. To trade or not to trade: for [and] against. *Africa Geographic* 20 (7): 32-33
- Jackson, T., 2012. Rhino watch: news, views, updates, debates. *Africa Geographic* 20 (7): 30-31.
- Jackson, T., 2012. Rhino watch: news, views, updates, debates. *Africa Geographic* 20 (6): 27-28.
- Jackson, T., 2012. Rhino watch: news, views, updates, debates. *Africa Geographic* 20 (5): 23-26.
- Jayasekara, J., 2011. Health care, feeding and adaptation in two black rhinoceros (*Diceros bicornis*) imported from Japan to the National Zoological Gardens in Sri Lanka. Proceedings of the 2011 International Elephant and Rhino Conservation and Research Symposium, Rotterdam 10-14 October 2011: 1325-1159.
- Knight, M., 2012. African Rhino Specialist Group. *Species* no.54: 17.
- Knight, M., 2012. The rhino dilemma. *Newsletter of the CEESP/SSC Sustainable Use and Livelihoods Specialist Group* no.2: 3-4.
- Knight, M.H., 2012. African Rhino Specialist Group Chair report. *Pachyderm* 51: 10-21.



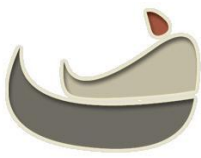
African Rhinos – continued

- Loon, R., 2012. The time to think differently about CITES and trade is upon us. Report: pp. 1-4.
- Martin, E.B.; Martin, C., 2012. Tourists underwrite Morocco's illegal trade in wildlife artefacts. *Swara, Nairobi* 35 (3): 16-24.
- Martinez-Fernandez, L.; Silvan, G.; Schwarzenberger, F.; Fernandez Moran, J.; Casares, M.; MacMillan, J.; Martin-Ruiz, A.; Caceres, S.; Illera, J.C., 2012. Comparison of faecal cortisol metabolite concentrations in white rhinoceroses (*Ceratotherium simum*) living in three different environments. *Wiener Tierärztliche Monatsschrift* 99 (Supplement 1): 51-52.
- McArthur, H.; Edwards, K. L.; Liddicoat, T.; Walker, S.L., 2012. A practical field extraction method for non-invasive monitoring of hormonal activity in the black rhinoceros, *Diceros bicornis*. *Wiener Tierärztliche Monatsschrift* 99 (Supplement 1): 20-21.
- Mukaru, W.C.; Mapaure, I., 2012. Impacts of large herbivores on plant species diversity and range condition around water points in waterberg plateau park, central Namibia. *Journal of Research in Conservation Biology* 1 (1): 41-48.



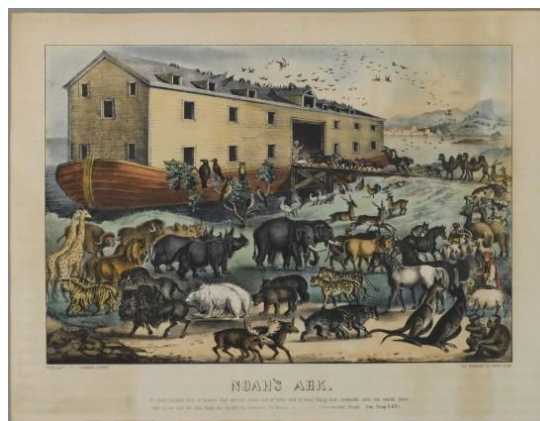
Southern white rhino "Ibutho" born at Orana Wildlife Park 1999 (Global Studbook Number 1281). Ibutho with one of his favourite enrichment items. Photo taken on 20 June 2011 by Haidee Kinter, Ungulate keeper, Monarto Zoo, South Australia

- Ndeereh, D.; Okita-Ouma, B.; Gaymer, J.; Mutinda, M.; Gakuya, F., 2012. Unusual mortalities of Eastern Black Rhinoceros (*Diceros bicornis michaeli*) due to Clostridial Enterotoxaemia in Ol Jogi Pyramid Sanctuary, Kenya. *Pachyderm* 51: 45-51
- Ndeereh, P., 2012. A race against time to save a critically endangered species [black rhino in Kenya]. *Wildlife Researcher* no.2: 21-23



African Rhinos – continued

- Nyirenda, V.R.; Chomba, C., 2012. Field foot patrol effectiveness in Kafue National Park, Zambia. *Journal of Ecology and the Natural Environment* 46 (6): 163-172
- O'Criodain, C., 2012. Rhino poaching: a contribution to the debate. *Newsletter of the CEESP/SSC Sustainable Use and Livelihoods Specialist Group* no.2: 1-2
- Omondi, P., 2012. Ruma becomes new rhino sanctuary. *Porini (KWS, Nairobi)* no. 5: 4
- Osterhaus, A., 2011. Viruses of wildlife: elephants and rhinos. Proceedings of the 2011 International Elephant and Rhino Conservation and Research Symposium, Rotterdam 10-14 October 2011: 498-521
- Patton, F., 2012. Kruger safari deluxe - an authentic passenger statement. *Swara, Nairobi* July-September 2012: 54-57
- Patton, F., 2012. Of all the petrol stations in the world - [Kruger Park]. *Swara, Nairobi* July-September 2012: 76
- Player, I., 1972. Wilderness and the environment. *Natalia* 2: 27-29
- Player, I., 1994. Qumbu Magqubu Ntombela (c.1900-1993). *Natalia* 23-24: 108-112
- Schwarzenberger, F.; Walzer, C.; Versteegen, L.; Goeritz, F.; Hildebrandt, T.B.; Hermes, R., 2012. Reproductive steroid monitoring in white rhinoceroses kept in European zoos. *Wiener Tierärztliche Monatsschrift* 99 (Supplement 1): 36-37
- Snyder, W.D.; Paas, W., 2012. The rhinos of Carr Hartley in Rumuruti, Kenya, 1948. Report to RRC: pp. 1-10
- St Sas Rolfes, M., 2012. Escalation of rhino poaching in South Africa: is the trade ban approach working. *Newsletter of the CEESP/SSC Sustainable Use and Livelihoods Specialist Group* no.1: 1-2
- Udoto, P., 2012. African states step up efforts to fight rhino poaching. *Animal Welfare* 2012 (5): 36-37
- Uri-Khob, S., 2012. Kunene rhino conservation project. *Wilderness Wildlife Trust Annual Report* 2012: 24
- Versteegen, L., 2011. Body condition scoring of captive white rhinoceros *Ceratotherium simum*. Proceedings of the 2011 International Elephant and Rhino Conservation and Research Symposium, Rotterdam 10-14 October 2011: 1123-1137.





Tam and Puntung in Sabah, 2012

NEW PUBLICATIONS ON ASIAN RHINOS

- Ammann, K., 2012. Tiger cake and rhino horn: a walk on the Asian wild side. *Swara, Nairobi* July-September 2012: 32-37
- Bui Huu Manh, 2002. Results of rhino survey June and July 2002. Rhino Patrol and Monitoring Unites Cat Tien National Park Vietnam, Technical Report no. 4: 1-21
- Fernando, P.; Melnick, D.J., 2003. Genetic analysis of the Javan rhinoceros in relation to its management. Columbia University, Center for Environmental Research and Conservation, pp. 1-15
- Ghosh, S.; Kumar, C., 2012. Paradise Lost and Regained: Lessons from the National Parks of India. *Solutions Journal* 3 (4): 1-3
- Kathirithamby-Wells, J., 2009. Peninsular Malaysia in the context of natural history and colonial science. *New Zealand Journal of Asian Studies* 11 (1): 337-374
- Latil, P., 2004. *Marseille ... quand ton jardin était ... zoologique (1854-1987)*. Marseille, Club Cartophile
- Martin, E.B.; Vigne, L., 2012. Successful rhino conservation continues in West Bengal, India. *Pachyderm* 51: 27-37
- Muggenthaler, E.K. von; Reinhart, P., 2001. Songlike vocalizations from the Sumatran rhinoceros calf (*Dicerorhinus sumatrensis*). *Journal of the Acoustical Society of America* 110 (5): 2611
- Nguyen Van Thanh; Polet, G., 2007. Monitoring of Javan rhinoceros in Cat Tien National Park, Vietnam, July-December 2006. AREAS Technical Report no.11, pp. 1-23



Asian Rhinos – continued

- Pappin, S., 2012. South Africa: Rhinos and lions ... Hippos and zebras ... Giraffes and kudus ... Hyenas striped and spotted ... Oh My!. *Zoo's Print* 27 (6): 4-6
- Pfistermuller, R.; Walzer, C.; Licka, T., 2011. First evidence of the use of kinetic gait analysis as a clinical tool for early detection of chronic foot disease in an Indian rhino (*Rhinoceros unicornis*). Proceedings of the 2011 International Elephant and Rhino Conservation and Research Symposium, Rotterdam 10-14 October 2011: 806-813
- Plumb, C., 2010. Exotic animals in eighteenth-century Britain. Thesis submitted to The University of Manchester: pp. 1-293
- Rahmat, U.M.; Santosa, Y.; Prasetyo, L.B.; Kartono, A.P., 2012. Habitat suitability modeling of Javan Rhino (*Rhinoceros sondaicus* Desmarest 1822) Ujung Kulon National Park. *Jurnal Manajemen Hutan Tropika* 18 (2): 129=137
- Roth, T.L.; Reinhart, P.R.; Kroll, J.L.; Stoops, M.A., 2011. Ovulation induction for timed artificial insemination in the Sumatran rhinoceros (*Dicerorhinus sumatrensis*). Proceedings of the 2011 International Elephant and Rhino Conservation and Research Symposium, Rotterdam 10-14 October 2011: 1073-1100
- Saikim, F.H.B., 2008. The potential of rhino tourism in Tabin Wildlife Reserve, Lahad Datu, Sabah. Thesis presented to the Universiti Malaysia Sabah, pp. 1-42
- Sarma, P.K.; Mipun, B.S.; Talukdar, B.K.; Singha, H.; Basumatary, A.K.; Das, A.K.; Sarkar, A.; Hazarika, B.C., 2012. Assessment of habitat utilization pattern of rhinos (*Rhinoceros unicornis*) in Orang National Park, Assam, India. *Pachyderm* 51: 38-44
- Sotheby's, 2002. Chinese works of art including a private collection of wood carvings. London, Sotheby's Olympia (14 November 2002)
- Talukdar, B.K., 2012. Asian Rhino Specialist Group report. *Pachyderm* 51: 22-26
- Talukdar, B.K., 2012. Asian Rhino Specialist Group. *Species* no.54: 27
- Vigne, L.; Martin, E.B., 2012. A rhino success story in West Bengal, India. *Oryx* 46 (3): 327-328
- Wyss, F.; Wenker, C.; Robert, N.; Clauss, M.; Houwald, F. von, 2012. Why do Greater one-horned rhinoceroses (*Rhinoceros unicornis*) die? - An evaluation of necropsy reports. International Conference on Diseases of Zoo and Wild Animals, Bussulengo/Verona, Italy, 16 May 2012 - 19 May 2012: pp. 54-61
- Yajasan Badak Indonesia, 2011. Rhino Protection Unit (RPU) activities and performance report, 1 October - 31 December 2011. Bogor, Yabi, pp. 1-53
- Yajasan Badak Indonesia, 2011. Sumatran Rhino Sanctuary, Way Kambas NP: 4th quarter report 2011 and health update report. Bogor, Yabi, pp. 1-11
- Yajasan Badak Indonesia, 2012. Rhino Protection Unit (RPU) activities and performance report, 1 January - 31 March 2012. Bogor, Yabi, pp. 1-6



NEW PUBLICATIONS ON FOSSIL RHINOS

This element of the RRC has again been actively improved by Emmanuel Billia and Dan Ziegler. It contains many references from books which are hard to find – also many older items not listed here, but available on the RRC.

- Anonymous, 2012. Aleksey Alekseevich Borissyak (1872-1944) - In memoriam [in Russian].
- Anonymous, 2012. Irina Aleksandrovna Dubrovo (1922-2011) - In memoriam [in Russian].
- Anonymous, 2012. Yuriy Aleksandrovich Orlov (1893-1966) - In memoriam [in Russian]
- Antoine, P. O.; Bulot, C.; Ginsburg, L., 2000. Une faune rare de Rhinocerotides (Mammalia, Perissodactyla) dans le Miocene inferieur de Pellecahus (Gers, France). *Geobios* 33 (2): 249-255
- Breda, M.; Pancaldi, R.; Sala, B., 2012. Le Mostre di Palazzo Turchi di Bagno. *Annali dell'Università di Ferrara – Museologia Scientifica e Naturalistica, Ferrara*; 8 (1): 49-53, figs 1-7.
- David, A.; Eremeico, N., 2003. Findings of *Elasmotherium cf. peii* (Chow Minchen, 1958) from sediments of Early Pleistocene (Upper Villafranchian) at Salcia (Republic of Moldova). *Advances in Vertebrate paleontology "Hen to Panta"*, pp. 41-46
- Deng, Tao, 2006. An Early Pleistocene mammalian fauna from the Linxia Basin in Northeastern China. A Power Point presentation for the INQUA International Symposium “Quaternary of Baikalia – Stratigraphy, Paleontology and Paleoenvironments of the Pliocene-Pleistocene of Transbaikalia and Interregional Correlations”, Ulan-Ude.
- Di Nucci, A.; Thun Hohenstein, U. , 2007. La fauna pleistocenica di Isernia La Pineta (Molise): analisi archeozoologica delle US 3S1-5. *Annali dell'Università degli Studi di Ferrara – Museologia Scientifica e Naturalistica, Ferrara*; volume speciale 2007: pp. 71-74, figs 1-2, tabs 1-2.
- Diedrich, C.G., 2012. Late Pleistocene *Crocota crocuta spelaea* (Goldfuss 1823) populations from the Emscher River terrace open air hyaena den near Bottrop and other sites in NW Germany: Their bone accumulations along rivers in lowland mammoth steppe environments and scavenging activities on woolly rhinoceros. *Quaternary International* 276-277: 93-119.
- Discamps, E., 2011. La place du Rhinoceros dans le regime alimentaire des hyenes a Camiac (Gironde, France) et ses implications pour la competition avec les derniers neanderthaliens. In: *Predateurs Dans Tous Leurs États – Évolution, Biodiversité, Interactions, Mythes, Symboles. XXXIe Rencontres Internationales d'Archeologie et d'Histoire d'Antibes*, Editions APDCA, Antibes: 35-50.
- Gasparik, M., 2007. Dénes Janossy (1926–2005). *Fragmenta Palaeontologica Hungarica, Budapest*; 24-25: 45-50.
- Han, F., 2008. Effect of deposits alteration on dating the animal teeth from Caune de l'Arago site by combined Electron Spin Resonance (ESR) and uranium series methods. *Annali dell'Università degli Studi di Ferrara – Museologia Scientifica e Naturalistica, Ferrara*; volume speciale 2008: pp. 77-80, 2 figs, 2 tabs.



Fossil Rhinos – continued

- Heissig, K., 2012. The American Genus *Penetrigonias* Tanner & Martin, 1976 (Mammalia: Rhinocerotidae) as a stem group elasmothere and ancestor of *Menoceras* Troxell, 1921. *Zitteliana* A 52: 79-95.
- Hoek Ostende, L.W. v.d., 2004. A century of research on the classical locality of Tegelen (in Maul L.C. & Kahlke R-D., eds: Proc. of 18th International Senckenberg Conference - VI Int. Palaeont. Coll. Weimar), Terra Nostra, Berlin: p. 117.
- Khan, A. M.; Akhtar, M.; Khan, M.A.; Shaheen, A., 2012. New fossil remains of *Brachypotherium perimense* from the Chinji and Nagri formations of Pakistan. *Journal of Animal and Plant Sciences* 22 (2): 347-351.
- Konecny, V. ; Lexa, J.; Konecny, P.; Balogh, K.; Elecko, M.; Hurai, V.; Huraiova, M.; Pristas, J.; Sabol, M.; Vass, D., 2004. Maar Hajnacka – Kostna dolina (Bone Gorge) (in: Guidebook to the Southern Slovakia – Alkali Basalt Volcanic Field). Státny geologický ústav Dioníza Stúra, Bratislava: pp. 68-75.
- Kotarba, M.J.; Alexandrowicz, S.W.; Stachowicz-Rybka, R., 2008. Historia i programy dalszych badan geologicznych na obszarze bylej kopalni ozokertyu i stanowiska paleontologicznego w Staruni. *Przegląd Geologiczny* 56 (6): 434-441.
- Koufos, G.D., 2012. New material of Chalicotheriidae (Perissodactyla, Mammalia) from the Late Miocene of Axios Valley, Macedonia (Greece) with the description of a new species. *Annales de Paléontologie* 98 (3): 203–224 .



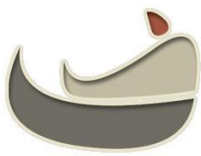
A reconstruction attempt of
Elasmotherium sibiricum (Fischer).

- Li, Zhan-yang; Dong, Wei, 2007. Mammalian Fauna from the Lingjing Paleolithic site in Xuchang, Henan Province. *Acta Anthropologica Sinica* 26 (4): 345-360.
- Pandolfi, L.; Gaeta, M.; Petronio, C., 2012. The skull of *Stephanorhinus hemitoechus* (Mammalia: Rhinocerotidae) from the Middle Pleistocene of Campagna Romana (Rome, Central Italy): biochronological and paleobiogeographic implications . *Bulletin of Geosciences, Prague* 87: 5 figs, 3 tabs (in press).
- Petronio, C.; Bellucci, L.; Martinetto, E.; Pandolfi, L.; Salari, L., 2011. Biochronology and palaeoenvironmental changes from the Middle Pliocene to the Late Pleistocene in Central Italy. *Geodiversitas, Paris* 33 (3): 485-517, 9 figs.



Fossil Rhinos – continued

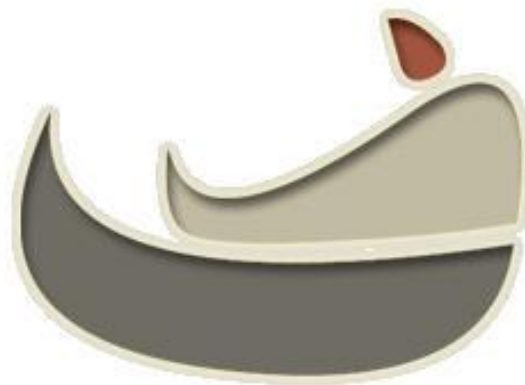
- Qiu, Zhangxiang; Wang, Banyue; Deng, Tao; Ni, Xijun; Wang, Xiaoming, 2002. Notes on the Mammal Fauna from the bottom of the Loess deposits at Longdan, Dongxiang County, Gansu Province [In Chinese]. *Quaternary Sciences* 22 (1): 33-38, 2 plates.
- Rosell, J.; Blasco, R.; Made J. v.d.; Caceres, I.; Campeny, G.; Diez J.C.; Saladié P.; Carbonell, E. , 2010. Acumulaciones producidas por carnívoros en el Pleistoceno medio inicial: una reconstrucción a partir del conjunto faunístico del nivel TD8 de Gran Dolina (Sierra de Atapuerca, Burgos). 1ª Reunión de científicos sobre cubiles de hiena (y otros grandes carnívoros) en los yacimientos arqueológicos de la Península Ibérica: pp. 159-172, 10 figs, 2 tabs.
- Russian Anonymous, 2012. Eleonora Alekseevna Vangengeym (1930-2012) - In memoriam.
- Sabol, M.; Holec, P., 2002. Temporal and spatial distribution of Miocene mammals in the Western Carpathians (Slovakia). *Geologica Carpathica*, Bratislava; 53 (4): 269-279.
- Sabol, M.; Joniak, P.; Holec, P., 2004. Succession(-s) of mammalian assemblages during the Neogene – A case study from the Slovak part of the Western Carpathians. *Scripta Fac. Sci. Nat. Univ. Masaryk Brunensis (Geology)*, Brno 31-32: 65-84.
- Sabol, M.; Konecny, V.; Vass, D.; Kovacova, M.; Durisova, A.; Tunyi, I., 2006. Early Late Pliocene site of Hajnácka I – Geology, palaeovolcanic evolution, fossil assemblages and palaeoenvironment. *Courier Forschungs-Institut Senckenberg*, Frankfurt/Main; 256: 261-274.
- Sabol, M.; Vass, D.; Elecko, M.; Konecny, V. ; Hensel, K. ; Holec, P. ; Hudackova, N. ; Kernatsova, J.; Klembara, J.; Pipik, R. ; Slamkova, M., 2004. Reconstruction and evolution of the Hajnacka I palaeoenvironment (in: Sabol M., ed: Early Villanyian Site of Hajnácka I, Southern Slovakia – Palaeontological Research 1996/2000), Bratislava: pp. 131-141.
- Sala, B., 2005. Mammalian faunas and environment from the Würmian Glacial Maximum of the Italian peninsula (approx. 22±2 ka cal BP). *Annali dell'Università degli Studi di Ferrara – Museologia Scientifica e Naturalistica, Ferrara*; volume speciale 2005: pp. 125-129, fig. 1.
- Sala, B., 2012. La valorizzazione di un sito paleontologico del Quaternario continentale Settepolesini di Bondeno, Ferrara. *Annali dell'Università degli Studi di Ferrara – Museologia Scientifica e Naturalistica, Ferrara*; volume speciale 2012: pp. 67-73, figs 1-5.
- Sanisidro, O., 2011. Description of some Rhinocerotidae teeth from the lower Miocene from Estrepouy (France). *Estudios Geológicos* 67 (2): 419-421
- Shpansky, A.V.; Billia, E.M.E., 2012. Records of *Stephanorhinus kirchbergensis* (Jäger, 1839) (Mammalia, Rhinocerotidae) from the Ob' River at Krasny Yar (Tomsk region, southeast of Western Siberia). *Russian Journal of Theriology, Moskva* 11(1): 47-55, 4 figs, 4 tabs.
- Tong, Haowen, 2012. Evolution of the non-Coelodonta dicerorhine lineage in China. *Comptes Rendus Palevol* (in press): 8 pp., 5 figs.



Fossil Rhinos – continued

Varela, S.; Lobo, J.M.; Rodriguez, J.; Made, J. v.d. , 2010. ¿Las extinciones de herbívoros a finales del Pleistoceno están relacionadas con la desaparición de las hienas manchadas? 1ª Reunión de científicos sobre cubiles de hiena (y otros grandes carnívoros) en los yacimientos arqueológicos de la Península Ibérica: pp. 77-89, 6 figs, 3 tabs.

Zeitoun, V.; Lenoble, A.; Laudet, F.; Thompson, J.; Rink, W. J.; Doyasa, T., 2006. Taphonomy and paleoecological significance of the Ailuropoda-Stegodon complex of Ban Fa Suai (Northern Thailand). EurASEAA 2006 Bougon Papers: 51-57.



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