

RHINO RESOURCE CENTER

www.rhinoresourcecenter.com

NEWSLETTER #32 AUGUST 2013

Dear colleagues and friends,

This is the 32nd 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 17,986. This is an increase of 275 items in the last quarter.
Over 17,000 references are available as PDF on RRC website



SUPPORT RRC

IN THIS ISSUE:

Manas National Park (by Deba Dutta)	p. 2
Rhino related meetings	p. 5
Gus the rhino	p.7
Our sponsors	p. 8
Contents of the RRC website	p. 9
Yes, you can help	p. 9
New Literature	p. 10
General	p.10
African	p.10
Asian	p.11
Fossil	p.12
Contact Information	p. 15

The Rhino Resource Center is a Charity (Registered KvK Utrecht 30185802)
Board Members: Prof. Robert Visser, Dr. Esmond Bradley Martin
Founding Chairman: Dr. Nico J. van Strien



OUR EXECUTIVE TEAM

Director and Chief Editor: Kees Rookmaaker
Database Maintenance & Web Design: Willem J. van Strien

SPECIALIST EDITORS:

Emmanuel Billia (Italy) Henri Carpentier (France)
Adam Felts (USA) Jim Monson (France)
Haowen Tong (China) Dan Ziegler (USA)

A special contribution from RRC friends in Assam, India.

MANAS NATIONAL PARK: RESCUED ORPHAN RHINO CALF IS 5 MONTH OLD

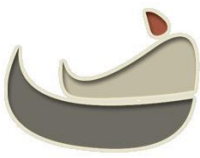
by Deba Kumar Dutta
Senior Project Officer, WWF-India

Written especially for the newsletter of the Rhino Resource Center. Published with permission.

Hainari, an adult female rhino (Rhino No-17) was translocated to Manas National Park (MNP) from Kaziranga National Park (KNP) on 11 March, 2012 under the Indian Rhino Vision-2020 (IRV 2020). IRV 2020 is an ambitious programme of the Govt. of Assam and is supported by WWF-India, International Rhino Foundation (IRF), US Fish and Wild Life Service (USFWS) along with Bodo Land Territorial Council (BTC) and supported by number of local organizations.



Rhino-17 and New Born in 2013 (Photo -J Ali WWF)



Hainari adapted well to her new home and after 1 year 19 days, on 20 March 2013, she gave birth to a male calf in Sidhajhar area of Bansbari range of Manas NP. The area is 40 km west of Bansbari. The area has mixed deciduous vegetation. Several river-channels zigzag the area and during monsoon it is usually prone to flooding. Such conditions make patrolling and monitoring of mother with her new born calf very difficult. However, teams temporarily based at Siadhajhar ensure that they are able to patrol and monitor them on a daily basis. In spite of such dedication of the monitoring as well as patrolling teams, Hainari was poached on 2 April, 2013 by some heartless people leaving the little one alone. The newborn, who was hardly 20 days old, was scared by the brutal killing of his mother and hid in the nearby bushes after the poaching incident.



Doimalo feeding milk (Photo Bipul Nath WWF)

On 4 April, 2013 a massive rescue operation was arranged in entire Sidhajhar area with support of 30 frontline staffs, 20 local villagers, veterinarians and 6 patrolling elephants. The operation was headed by Mr. Dharanidhar Boro, Assistant Conservator of Forest, Manas Tiger Reserve and Mr. Deba Kumar Dutta of WWF. After two hours of rigorous search operation, Mr. Gopal Gaur, a well-experienced mahout was finally able to capture the calf with the support of other staff.

Thereafter, the calf was transported to the Elephant Training Centre, Bansbari and kept there for 22 days with proper veterinary care. Finally, the calf was transferred to a temporary enclosure close to Rhino Camp of the same range. The special temporary enclosure was constructed under IRV-2020 program. The enclosure encompasses 120sq ft area surrounded by 3 layers of fencing- wood, barbed wire and electric fence.

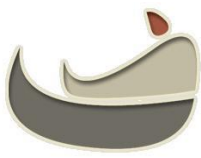


Purabi and Doimalo inside temporary enclosure
(Photo Bipul Nath WWF)

Since his rescue, the rhino calf was under one of the experienced animal keeper Mr. Rohan Doimary of Wildlife Trust India with support of staff of Rhino camp. WWF members are regularly monitoring the rhino calf and his behavior. The calf is now being fed six times a day with three liters of milk. On 28th June, another one year old rescued female calf (named Purabi by Director, Kaziranga National Park) was brought to Manas NP and kept in the same enclosure. Since then, the two little calves are enjoying each others' company. Mr. Anindya Swargowari, the Field Director of Manas Tiger Reserve, named the orphaned male calf as *Doimalo*. We hope for a great future of both these calves and all the 27 rhinos in the enchanting natural landscape of Manas NP.



Rescued calf inside Elephant Training Centre MNP (Photo- J Ali WWF).



ANNOUNCEMENT OF RHINO RELATED MEETINGS



2013 INTERNATIONAL ELEPHANT & RHINO

CONSERVATION & RESEARCH SYMPOSIUM

August 26th - 30th, 2013

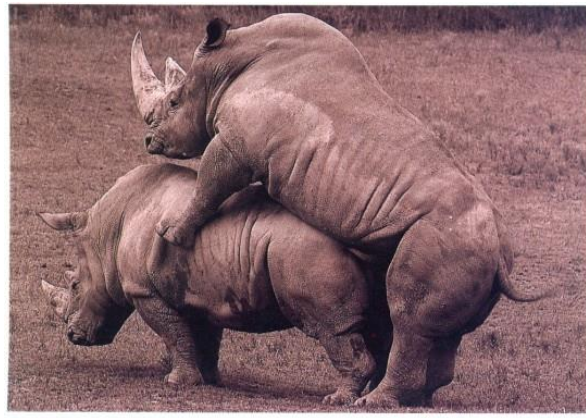
Presented by the International Elephant Foundation and the International Rhino Foundation. Hosted by the Pittsburgh Zoo & PPG Aquarium

The pressures on wild populations of elephants and rhinos are increasing at an alarming rate. Poachers are killing elephants and rhinos at levels never seen before. Wildlife habitat continues to disappear while human-wildlife conflict increases. Break-through scientific investigation into disease, nutrition, behavior and reproduction of elephants and rhinos in human care, ambassadors for their species, is contributing to the future survival of wild populations.

We invite elephant and rhino conservationists and researchers from around the world to present conservation projects and research results on field conservation, conflict mitigation, management, health, disease, nutrition, reproduction and behavior at our third joint International Elephant and Rhino Conservation and Research Symposium.

Come join us, meet your peers from around the world, share your experiences and best practices, make new friends and develop new professional associations.

Visit Pittsburghzoo.org to register or IRF for more information.



9th International Conference on Behaviour, Physiology and Genetics of Wildlife
18 - 21 September, Berlin, Germany

Please register at <https://www.bayceer.uni-bayreuth.de/izw9/> or follow the links at the [conference website](#). After registration, you will receive a confirmation by e-mail. Please find information on main topics, plenary speakers and workshop topics [here](#).

Organised by: Leibniz Institute for Zoo and Wildlife Research (IZW); <http://www.izw-berlin.de>

European Association of Zoos and Aquaria (EAZA); <http://www.eaza.net>

Aim of the conference: The aim of this conference is to foster an exchange of ideas between wildlife scientists from different disciplines with an interest in both wild and captive animals (with a focus on mammalian species), and to present the latest advances and stimulate future research in this topic. To this aim, the selected plenary talks and workshops will cover a diverse range of fascinating topics. We are expecting a stimulating programme with many interesting scientific presentations supplemented by an entertaining, yet informative, social programme.

E-mail: symposium@izw-berlin.de

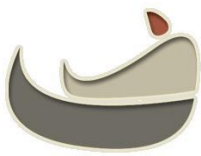




The story of Carr Hartley's Northern White (Nile) rhinos including Gus of Hanover Zoo is now published by Micael Mettler in German: click [here](#) for reference and PDF.

And another nice old picture: Black rhino in Cairo zoo in 1936 when Reza shah king of Iran send his crown prince Mohammad Reza for marriage with Princess Fouzie sister of Faroukh king of Egypt.





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	2012 August	2012 November	2013 February	2013 May	2013 August	ANNUAL INCREASE
References	17,090	17,250	17,473	17,711	17,986	+ 896
PDF files	16,090	16,527	16,928	17,179	17,456	+ 1366
Images	2,915	3,086	3,152	3,202	3,236	+ 321
Members			1,613	1,765	1.885	

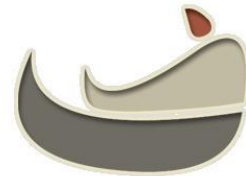
I thank everybody who has helped us by sending copies of books and papers.

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.



NEW LITERATURE

(finalised 31 July 2013)

In this quarter (May to July 2013), we have added 275 new references, to bring the total number of items in the database to 17,986.

Of these, 17,456 or 95 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

Duncan, N.; SAVE Foundation of Australia, 2012. News and events. *Newsletter of the SAVE Foundation of Australia* 27 (1): 1-12.

Duncan, N.; SAVE Foundation of Australia, 2013. News and events. *Newsletter of the SAVE Foundation of Australia* 27 (2): 1-12.

NEW PUBLICATIONS ON AFRICAN RHINOS

Amman, K., 2013. Rhino and the bling. *Swara, Nairobi*, July-September 2013: 1-9.

Anonymous, 2011. Nashörner. *Geo-mini* (ab 5 Jahren) 4: 4-7, 7 figs.

Biggs, D.; Courchamp, F.; Martin, R.; Possingham, H.P., 2013. Response [on legal rhino horn trade]. *Science Magazine* 340 (7 June): 1168-1169.

Blazkiewitz, B., 2012. Nebelparder und Chaco-Pekari - Anmerkungen zur Entwicklung des Tierbestandes 2012 im Tierpark Berlin. Berlin, Tierpark .

Burgess, M., 2012. Rhino poaching and East Asian policies: facts and debates. Stellenbosch, Centre for Chinese Studies, pp. 1-4.

Collins, A.; Fraser, G.; Snowball, J., 2013. Rhino poaching: supply and demand uncertain. *Science Magazine* 340 (7 June): 1166-1167.

Ellis, K.B., 2013. The examination of fecal cortisol in the captive southern white rhinoceros (*Ceratotherium simum simum*) at the North Carolina Asheboro. Thesis submitted to North Carolina State University, pp. 1-83.

Galateanu, G.; Hildebrandt, T.B.; Maillot, A.; Etienne, P.; Potier, R.; Mulot, B.; Saragusty, J.; Hermes, R., 2013. One small step for rhinos, one giant leap for wildlife management-imaging diagnosis of bone pathology in distal limb. *PLoS ONE* 8 (7): e68493. doi:10.1371/journal.pone.0068493 .

Gandiwa, E.; Heitkönig, I.M.A.; Lokhorst, A.M.; Prins, H.H.T.; Leeuwis, C., 2013. Illegal hunting and law enforcement during a period of economic decline in Zimbabwe: A case study of northern Gonarezhou National Park and adjacent areas. *Journal for Nature Conservation* 21 (3): 133-142 .

Goot, A.C. van der; Dalerum, F.; Ganswind, A.; Martin, G.B.; Millar, R.P.; Paris, M.C.J., 2013. Faecal progesterone profiles in wild southern white rhinoceros (*Ceratotherium simum simum*). *African Zoology* 48 (1): 143-151.

Hunter, T., 2013. Scooping dung to ensure rhinos' future (research by Annemieke van der Goot). *UWA (University of Western Australia) News* 32 (5): 1-2.

Johnsingh, A.J.T., 2013. A day in an African reserve. *Hornbill* Jan-March 2013: 10-14 .

Krige, N., 2013. Saving private rhino. Unknown journal 2013: 34-40.



African Rhinos – continued

- Law, P.R.; Jewell, Z.C.; Alibhai, S.K., 2013. Using shape and size to quantify variation in footprints for individual identification: case study with white rhinoceros (*Ceratotherium simum*). *Wildlife Society Bulletin* 37(2): 433–438, 5 figs, 1 tab.
- Litchfield, C.A., 2013. Rhino poaching: apply conservation psychology. *Science Magazine* 340 (7 June): 1168.
- Malherbe, B., 2013. The Rhino Wars – a comprehensive overview of the situation and the solutions. Malherbe's blog 5 May 2013: 1-16.
- Martin, E.B.; Vigne, L., 2013. Lagos, Nigeria: One of the largest retail centres for illegal ivory surveyed to date. *Traffic Bulletin* 25 (1) : 35-40.
- Martínez Fernandez, L., 2013. Efecto del habitat sobre la endocrinología gonadal y adrenal en el rinoceronte blanco (*Ceratotherium simum*). Thesis presented to Universidad Complutense de Madrid, pp. 1-283.
- Mettler, M., 2013. Vor 50 Jahre: Gus - ein Nördliches Breitmaulnashorn in Hannover. *Zoofreund, Hannover* no.168: 6-11.
- Msimang, M., 2012. Rhino issue manager, final report. Pretoria, pp. 1-60.
- Msimang, M., 2013. Rhino issue management, report 2013. Pretoria, Department of Environmental Affairs, pp. 1-46.
- Patton, F., 2013. Are drones the answer to the conservationists' prayers?. *Swara, Nairobi*, July-September 2013: 52-55.
- Patton, F., 2013. Benson - from kitchen worker to security chief at Solio. *Swara, Nairobi*, July-September 2013: 62-65.
- Patton, F., 2013. Drones - all you needed to know but were too shy to ask. *Swara, Nairobi*, July-September 2013: 49-51.
- Prins, H.H.T.; Okita-Ouma, B., 2013. Rhino poaching: unique challenges. *Science Magazine* 340 (7 June): 1167-1168.
- Pueschel, P., 2012. Value, not price will bring real change. *Porini, Kenya* 8 (Sep-Nov): 11.
- Rhino Ark, 2012. Various notes on Aberdares, Kenya. *Arkive, the newsletter of the Rhino Ark* no. 41: 1-24.
- Rhino Ark, 2013. Various notes on Aberdares, Kenya. *Arkive, the newsletter of the Rhino Ark* no. 42: 1-28.
- Scheen, T., 2013. Südafrika will den Nashorn-Schwarzmarkt fluten: Verkauf von 16 Tonnen während der Artenschutzkonferenz 2016 geplant. *Frankfurter Allgemeine Zeitung* 5 July 2013.
- Scientific Authority of South Africa, 2012. Non-detriment finding for *Ceratotherium simum simum* (white rhinoceros). Pretoria, pp. 1-14.
- Shrader, A.M.; Post, J.F.; Hagenah, N.; Bateman, P.W., 2013. Is a reduction in the individual vigilance of mothers a key evolutionary driver of group formation in white rhinos? *African Zoology* 48 (1): 109-114.
- Tubbs, C., 2012. Working together to promote rhino reproduction. *Conservation Update, San Diego Spring* 2012: 4-5.
- Udoto, P., 2013. Baby rhino, Ruma's valentine's gift. *Porini, Kenya* 10 (March-April): 4.

NEW PUBLICATIONS ON ASIAN RHINOS

- Akhtar, M., 2012. Kaziranga: conservation vs tourism. *The Rhino, Journal of the Kaziranga Wildlife Society* 18: 54-61.
- Ammann, K., 2012. Into the Asian underworld. *Africa Geographic* 2012: 1-2.
- Assam Forest Department, 2012. Pobitora Wildlife Sanctuary: rhino estimation 2012. *The Rhino, Journal of the Kaziranga Wildlife Society* 18: 124-129.
- Banerjee, R., 2011. Treasures from the past: our vanishing wildlife. *The Rhino, Journal of the Kaziranga Wildlife Society* 17: 38-42.



Asian Rhinos – continued

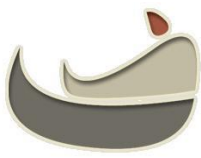
- Cowie, H., 2013. Elephants, education and entertainment: Travelling menageries in nineteenth-century Britain. *Journal of the History of Collections* 25 (1): 103–117.
- Deka, R.K., 2012. Curzons, Miri and Kaziranga. *The Rhino, Journal of the Kaziranga Wildlife Society* 18: 51-53.
- Goossens, B. et al., 2013. Genetics and the last stand of the Sumatran rhinoceros *Dicerorhinus sumatrensis*. *Oryx* 47 (3): 340-344.
- Gunawan, H.; Ramono, W.S.; Gillison, A.; Isnan, W., 2012. Kajian sosial ekonomi dan persepsi masyarakat lokal terhadap (Assessment on socio-economics and perceptions of local communities on reintroduction of Javan rhinos). *Jurnal Penelitian Hutan dan Konservasi Alam* 9 (4): 395-407.
- Guy, J.; Britschgi, J., 2011. Wonder of the age: master painters of India 1100-1900. New York, Metropolitan Museum of Art, pp. 11-24 .
- IRV 2020, 2011. Indian rhino vision 2020: progress and plans 2011. Pamphlet, pp. 1-8.
- Kan Yau Chong, 2013. Will Sabah be the next Vietnam. *Daily Express, Kota Kinabalu*, 12 May 2013.
- Leuser Foundation, 2011. Survei keberadaan badak sumatera yang tersisa di dalam kawasan ekosistem Leuser. *Bulletin Leuser* 9 (24), 7-8.
- Leuser Foundation, 2012. The Leuser ecosystem: wildlife paradise. Banda Aceh, pp. 1-12.
- Manuel, J., 2007. Portrayal of rhinoceros in art: some questions. In: Reddy, P.C. ed., *Exploring the mind of ancient man (Festschrift to Robert G. Bednarik)*. New Delhi, Research India Press, pp. 232-238, figs. 1-3.
- Nandagopal, C., 2007. Arts and crafts of Indus civilization (provincial art). New Delhi, Aryan Books .
- Rahman, M.R.; Asudazzaman, M., 2010. Ecology of Sundarban, Bangladesh. *Journal of the Science Foundation* 8 (1/2): 35-47.
- Seow, A., 2010. Shebbeare: on the shoulders of giants. *Malaysian Naturalist* September 2010: 34-37.
- Talukdar, B.K.; Sectionov; Campbell, C., 2012. Report on the meeting for conservation of Sumatran and Javan rhino in South East Asia. Guwahati, Asian Rhino Specialist Group, pp. 1-23.

NEW PUBLICATIONS ON FOSSIL RHINOS

Section in RRC edited by Emmanuel Billia and Dan Ziegler.

With special thanks to Vlad Codrea and Athanassios Athanassiou for their recent contributions on fossil rhinos.

- Anonymous, 2011. Restauro terminato: il rinoceronte fossile torna al Museo di Castell'Arquato. *Quotidiano on-line di Piacenza e Provincia*, 4 maggio 2011.
- Becker, D.; Burgin, T.; Oberli, U.; Scherler, F., 2009. *Diaceratherium lemanense* (Rhinocerotidae) from Eschenbach (eastern Switzerland): systematics, paleoecology, paleobiogeography. *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen, Stuttgart* 254 (1-2): 5-39, 9 figures, 10 tables.
- Braun, I., 2009. Altsteinzeitliche Höhlenkunst in Deutschland. *Mitteilungen des Verbandes deutscher Höhlen- und Karstforscher* 55 (1): 17-28.
- Chauhan, P.R., 2008. Large mammal fossil occurrences and associated archaeological evidence in Pleistocene contexts of peninsular India and Sri Lanka. *Quaternary International* 192: 20-42.



Fossil Rhinos – continued

- David, A.; Obada, Th.; Redkozubov, O.; Pascaru, V., 2007. Alexanderfeld – Un nou punct fosilifer de varsta pliocena in Republica Moldova [A new Pliocene fossiliferous deposit in the Republic of Moldova] [in Romanian]. *Buletin Stiintific-Revista de Etnografie, Stiinte ale Naturii si Muzeologie, serie noua, Muzeul Nat. de Etnogr. si Ist. Natur. a Moldovei, Chisinau* 6 (19): 121-140, 10 figs, 2 tabs.
- Deng, Tao; Hanta, R.; Jintasakul, P., 2013. A new species of *Aceratherium* (Rhinocerotidae, Perissodactyla) from the Late Miocene of Nakhon Ratchasima, northeastern Thailand. *Journal of Vertebrate Paleontology* 33 (4): 977-985, 5 figs, 3 tabs. .
- Diedrich, C., 2005. Tod im Schlammloch Wollnashorn mit Rippenbruch. *Fossilien* 3: 156-162, 7 figs.
- Fortelius, M.; Eronen, J.; Jernvall, J.; Liu, Liping; Pushkina, D.; Rinne, J.; Tesakov, A.; Vislobokova, I.; Zhang, Zhaoqun; Zhou, Liping, 2002. Fossil mammals resolve regional patterns of Eurasian climate change over 20 million years. *Evolutionary Ecology Research* 4: 1005-1016, 3 figs.
- García-Fernández, D.; Galobart, À.; Ros, X.; Cerdeño, E., 2003. *Stephanorhinus etruscus* (Rhinocerotidae) en el Villafranchiense de Crespià (Girona, NE de la Península Ibérica). *Paleontologia i Evolució, Sabadell* 34: 279-296, 17 tabs.
- Geraads, D.; Miller, E., 2013. *Brachypotherium minor* n. sp., and other Rhinocerotidae from the Early Miocene of Buluk, Northern Kenya. *Geodiversitas, Paris*; 35 (2): 359-375, 4 figs, 4 tabs.
- Guérin, C., 1988. Contributions à l'étude du gisement miocène supérieur de Montredon (Hérault) – Les grandes mammifères – 6. Les perissodactyles rhinocérotidae. *Palaeovertebrata-Mémoire extraordinaire, Montpellier* 98-134, 10 figs, 40 tabs, Pl. I.
- Guérin, C.; Tsoukala, E., 2013. The Tapiridae, Rhinocerotidae and Suidae (Mammalia) of the Early Villafranchian site of Milia (Grevena, Macedonia, Greece). *Geodiversitas* 35 (2): 447- 489.
- Haidle, M.N.; Pawlik, A.F., 2010. The earliest settlement of Germany: Is there anything out there?. *Quaternary International* 223-224 : 143-153, 2 figs, 2 tabs. .
- Holec P.; Sabol M., 2005. Fosílna stavovce (Vertebrata) (in Majzlan O. & al., eds: Fauna Devínskej Kobyly). Apop edícia: pp. 164-170, 1 very rich faunal list.
- Holec, P.; Sabol, M., 2004. Paleontologické nálezy v lome prírodnej rezervácie Stokeravská vápenka [Paleontological records in the Nature Preserve Stokeravská limestone quarry] [in Slovak]. *Biosozológia, Bratislava* 2: 62-70, 2 photographs, 1 faunal list.
- Huntley, B.; Allen, J.R.M.; Collingham, Y.C.; Hickler, Th.; Lister, A.M.; Singarayer, J.; Stuart, A.J.; Sykes, M.T.; Valdes, P.J., 2013. Millennial climatic fluctuations are key to the structure of Last Glacial ecosystems. *PLoS ONE* 8(4): e61963: 7 pp, 6 figs. .
- Jokela, T.; Eronen, J.T.; Kaakinen, A.; Liu, Liping; Passey, B.H.; Zhang, Zhaoqun; Fu, Mingkai, 2005. Translation of Otto Zdansky's "The Localities of the Hipparion Fauna of Baode County in Northwest Shanxi" (1923). *Palaeontologia Electronica* 8 (1); 3A: 10 pp, 10 figs.
- Koufos, G.D.; Kostopoulos, D.S.; Vlachou, Th.D., 2005. Neogene/Quaternary mammalian migrations in Eastern Mediterranean. *Belgian Journal of Zoology* 135 (2): 181-190, 4 figs.
- Luo, Bao-xin; Wang, Yu-zhao; Huan, Qiu-pu; Yan, Fu-hua ; Chai, Chien-shing; Ke, Man-hong, 1983. The discovery of the *Picea* and *Coelodonta antiquitatis symbionsis* in Tianjin and its significances [in Chinese, English abstract]. *Scientia Geologica Sinica* 4 (2): 160-164.



Fossil Rhinos – continued

- Matishov, G.G.; Lavrushin, YU.A.; Titov, V.V.; Tesakov, A.S., 2013. VIII Vserossiyskoe Soveshchanie po Izuchenyu Chetvertichnogo Perioda “Fundamental’nye Problemy Kvartera, Itogi Izucheniya i Osnovnye Napravleniya Dal’neyshikh Issledovaniy” – Sbornik stat’ey [in Russian, index in English]. Rossiyskaja Akademya Nauk, Kom. po Izuch. Chetvert. Perioda, Rostov-na-Donu, 10-15 yunya 2013 g., Izd-vo YUNZ RAN, Rostov/Donu: pp. 764.
- Mirzaie Ataabadi, M., 2010. The Miocene of Western Asia – Fossil Mammals at the Crossroads of Faunal Provinces and Climate Regimes. Academic Dissertation, Faculty of Sciences, Dpt of Geosciences & Geography, Univ. of Helsinki: 69 pp., 10 figs.
- Montanari, D., 2011. Castellarquato, torna al Museo geologico il rinoceronte completamente restaurato. *Quotidiano “Libertà”*, 4 maggio 2011, Piacenza: p. 33.
- Pandolfi, L.; Tagliacozzo, A., 2013. Earliest occurrence of woolly rhino (*Coelodonta antiquitatis*) in Italy (Late Pleistocene, Grotta Romanelli site). *Rivista Italiana di Paleontologia e Stratigrafia, Milano*; 119 (1): 5 pp., 2 figs. .
- Persico, D.; Ravara, S., 2013. A fossil rhinoceros skull from alluvial sediments of the Po river near Cremona, Southern Europe - A short report. (unpublished): 1 p., 1 photograph.
- Ros, X.; Galobart, À.; Maroto, J.; Gaete, R.; Ortega-Cobos, D.; Sintes, X., 2003. Excavación de un *Stephanorhinus etruscus* en las calizas de Crespià (Girona, NE de la Península Ibérica). *Paleontologia i Evolució, Sabadell*; 34: 269-277, 9 figs. .
- Rubinato, G.; Sami, M.; Fanti, F.; Marabini, S.; Sala, B.; Vai, G.B., 2013. Terrestrial vertebrates in MIS 6 to MIS 5 deposits of the Zannona Quarry (Faenza, Italy). *AMQ (Alpine and Mediterranean Quaternary)* 26 (1): 55-63, 9 figs.
- Sala, B., 2013. La biodiversità delle teriofaune quaternarie in Italia nord-orientale. *Museologia Scientifica-Memorie, Ferrara*; 9: 95-99, 3 figs.
- Siegfried, P., 2001. Fossilien Westfalens – Eiszeitliche Säugetiere – Eine Osteologie pleistozäner Großsäuger. *Münstersche Forschungen zur Geologie und Paläontologie* 60: 1-163.
- Tesakov A.S. & fifteen others (eds), 2013. VIII Vserossiyskoe Soveshchanie po Izuchenyu Chetvertichnogo Perioda “Fundamental’nye Problemy Kvartera, Itogi Izucheniya i Osnovnye Napravleniya Dal’neyshikh Issledovaniy” – Putev. polevykh ekskursii [in Russian, index in English]. Rossiyskaja Akademya Nauk & Kom. po Izuch. Chetvert. Perioda, Rostov-na-Donu, 10-15 yunya 2013 g., Izd-vo YUNZ RAN, Rostov/Donu: pp. 45, 20 figs, 4 tabs.
- Zervánová, J.; Sabol, M.; Hudácková-Hlavatá, N.; Holec, P., 2013. *Brachypotherium* cf. *brachypus* and *Lartetotherium* sp. (Rhinocerotidae, Perissodactyla, Mammalia) from the Middle Miocene Dúbravka-Pole Site (Western Slovakia). *Acta Geologica Slovaca (AGEOS), Bratislava*; 5 (1): 55-68, 7 figs, 4 tabs.



[Contact us:](#)

Rhino Resource Center
Dr Kees Rookmaaker

c/o IUCN Species Survival Programme
219c Huntingdon Road
Cambridge CB3 0DL
United Kingdom

Dr Kees Rookmaaker 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 seven books on African exploration and on the rhinoceros, as well over two hundred shorter publications, many in peer-reviewed journals. He works as a Senior Research Fellow on [Darwin Online](#) and [Wallace Online](#).