

RHINO RESOURCE CENTER

www.rhinoresourcecenter.com

NEWSLETTER #30 FEBRUARY 2013

Dear colleagues and friends,

This is the 30th 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.

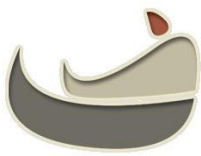
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The Rhino Resource Center is a Charity (Registered KvK Utrecht 30185802)

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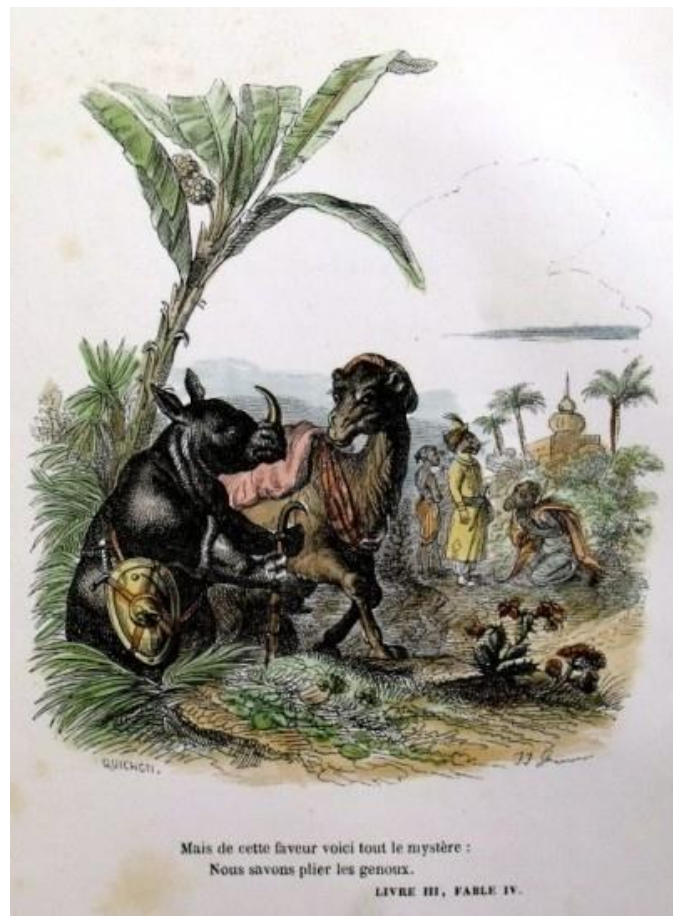
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RHINOCEROS IN POPULAR LITERATURE

The Rhino Resource Center of course has hundreds of images of the rhinoceros in older books, many dating from the early centuries before 1800. In the nineteenth century there came an increase of animal stories and descriptions in the popular literature, in books and magazines of all kinds and sorts. It is always very difficult to judge to what extent the semi-scientific or less formal items have influenced the usual perception of what a rhinoceros is or does, but it must be quite extensive.

Young people first get to know a rhino from a picture in a book, then a short simple story, then some more comprehensive account, maybe supplemented by a visit to the local zoo. The illustrations in these books reflect the popular image of the rhinoceros, which has changed through time. A great area of study, and the RRC certainly has all kinds of examples from many sources. Below is a rhino in the fables of Florian dated 1842.





SUMATRAN RHINO CRISIS SUMMIT

Sunday 31 March to Thursday 4 April 2013 – Singapore

From the information [provided](#) by the organisers:

Last chance to act! Global support needed to prevent the first rhino species extinction of the 21st century.

What is the issue? Two-horned hairy rhinos have lived on Earth for 20 million years. The latest, smallest and last form of this rhino, known as the Sumatran rhinoceros, was once widespread throughout South-east Asia. Sumatran rhinos have been in terminal decline since the 1990s and their numbers have reduced to around 200 individuals. Numbers are now so low that we may see the rhino finally vanish in the coming decade, if we do not act fast and massively now.

What needs to be done? Review the situation and our existing strategies. Identify key issues on which action has to be taken. Get inspiration from previous endangered species campaigns and implement lessons learned. Craft an ambitious yet achievable plan. Source financing to realize the plan. Seek strong governmental commitment and support for implementing the plan.

What is your role? Participate in the summit. Help identify the key issues. Provide relevant experience. Help develop the plan. Help raise funds. Promote 100% government commitment and support.



Summit Objectives.

1. To forge a global Sumatran rhino conservation plan (this will involve a review and synthesis of existing plans, enhanced by the experiences of people who have been involved in successes and failures with endangered species; captive breeding will be seen in the context of a long-term re-introduction into the wild).
2. To seek new impetus (via new potential financing sources, influence and partnerships) to support the goal of preventing the extinction of the Sumatran rhinoceros.
3. To lift the conversation from local, national and Sumatran rhino specialist levels to a broad, global platform.
4. To seek ways to help those working on the ground secure enhanced governmental, political and financial support.
5. To initiate a process to raise Euro 30 million for the prevention of the extinction of the Sumatran rhinoceros.

Note that participation is already largely subscribed according to the organisers.



CITES – CoP 16 IN BANGKOK

Convention on International Trade of Endangered Species of Wild Fauna and Flora
Sixteenth meeting of the Conference of the Parties
Bangkok (Thailand), 3-14 March 2013
(Venue: Queen Sirikit National Convention Centre)
For all documents and further information, visit the informative website:
<http://www.cites.org/eng/cop/index.php>

The RRC will not have a chance to participate in this important convention regulating (among many other items) rhino horn trade.



IRKA – WORKSHOP MAY 2013, SAN DIEGO

The International Rhino Keepers Association is organising the 2013 Rhino Keeper Workshop at San Diego Zoo Safari Park, May 5-9, 2013. The pre-conference trip May 4th to the LAZ has spots available for this unique opportunity to see Haripan the Sumatran rhino. Admission is free, and includes a behind the scenes tour and yes a free lunch is waiting for you and your family members. The SeaWorld trip May 11th still has a few free tickets available as well. We expect to secure additional free tickets for family members. A behind the scenes tour at Penguin Encounter is planned. If previous workshops are a guide, this will be an event well worth attending. More details soon [on their website](#).



Save the Date:

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

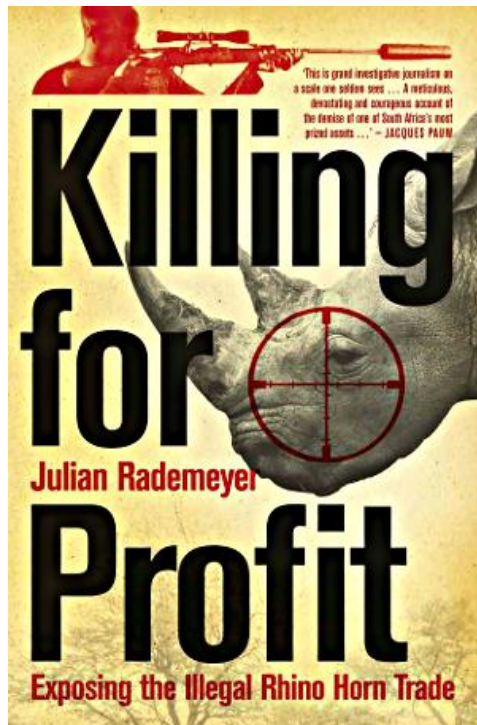
The pressures on wild populations of elephants and rhinos are increasing at an alarming rate. Poachers are killing elephants and rhinos at levels never seen before. Wildlife habitat continues to disappear while human-wildlife conflict increases. Break-through scientific investigation into disease, nutrition, 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.

SOME NEW RHINO BOOKS OF 2012



Julian Rademeyer, 2012.

Killing for profit: exposing the illegal rhino horn trade.

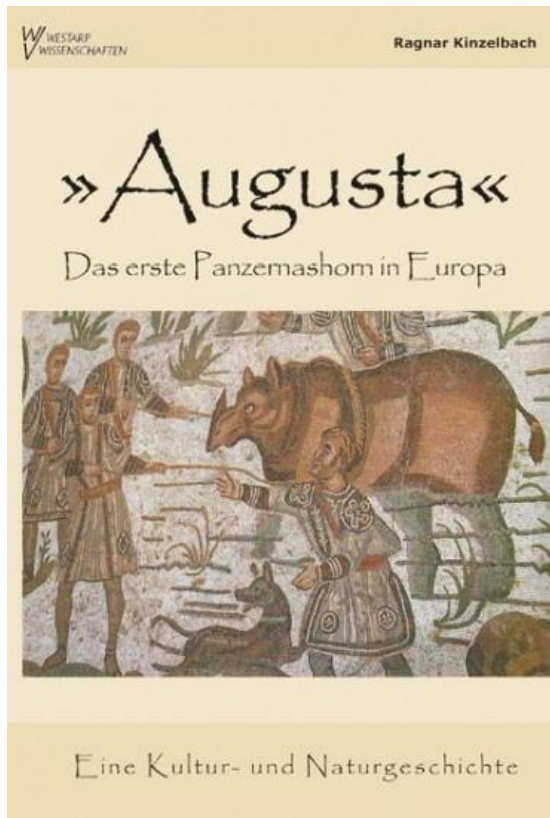
Capetown, Zebra Press, pp. i-xi, 1-332

I bought my copy from South Africa (online). All about the trade in rhino horn from Africa to Asia.

More information:

<http://killingforprofit.com/>

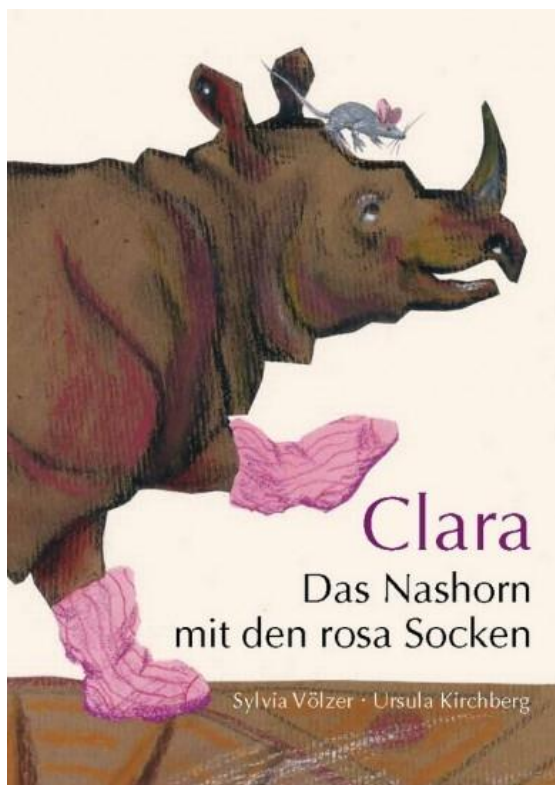
The Rhino Charge 2012 YouTube video is now available on the Rhino Ark and Rhino Charge websites (www.rhinoark.org or www.rhinocharge.co.ke). Have a look.



Ragnar Kinzelbach, 2012.

Augusta, das erste Panzernashorn in Europa: eine Natur- und Kulturgeschichte.
Hohenwarsleben, Westarp Wissenschaften, pp. 1-86 [ISBN 978 3 89432 252 6]

Published in German as part of the prestigious Neue Brehm Bücherei, this is a delightful book on an uncommon theme. Who would expect an Indian rhino in the Roman circus? Well worth reading.



Sylvia Völzer and Ursula Kirchberg, 2012.

Clara, das Nashorn mit den rosa Socken. Die bestrickende Geschichte um eine Tierfreundschaft.
Friedland, Steffen-Verlag, pp. 1-24

Based on the life-size painting by Oudry showing the famous 18th century rhino Clara exhibited in Schwerin, this little German booklet for children is a great story. An English translation is announced.



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 February	2012 May	2012 August	2012 November	2013 February	ANNUAL INCREASE
References	16,219	16,850	17,090	17,250	17,473	+ 1254
PDF files	14,795	15,520	16,090	16,527	16,928	+ 2133
Images	2,745	2,765	2,915	3,086	3,152	+ 402
Members					1,613	

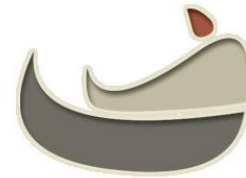
I thank everybody who has helped us by sending copies of books and papers.

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 January 2013)

In this quarter (November 2012 to January 2013), we have added 227 new references, to bring the total number of items in the database to 17,473.

Of these, 16,928 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

Adams, M., 2012. Adam's Paradies: Nashorn (Rhinocerotidae). Auf den Spuren des Logo-Tiers. *Beobachter Natur - das überraschende Umwelt- und Wissensmagazin* Dec 2012/Jan 2013: 82.

Antrobus, S., 2012. Letter of appreciation to the correspondence committee. *The Crash* November 2012: 7-8.

Bass, R., 2012. *The black rhinos of Namibia: searching for survivors in the African desert*. Boston and New York, Houghton Mifflin Harcourt, pp. i-xiii, 1-272

Bergeron, A.M.; Quintin, M.; Sampar, 2010. *Les rhinoceros (Savais-tu?, no.47)*. Quebec, Editions Michel Quintin, pp. 1-63.

CITES Secretariat, 2013. Interpretation and implementation of the Convention - Species trade and conservation issues: Rhinoceroses. CoP16 Doc. 54.2 (Rev.1). Report to CITES Doc 54.2 (Rev.1): pp.1-33.

Felts, A., 2013. Note from the International Rhino Keeper Association president. *The Crash* January 2013: 1.

Gippoliti, S.; Groves, C.P., 2013. "Taxonomic inflation" in the historical context of mammalogy and conservation. *Hystrix, the Italian Journal of Mammalogy* 23 (2): 1-7.

Groves, C.P., 2012. The nature of species: A rejoinder to Zachos et al.. *Mammalian Biology* 78 (1): 7-9.

Gschwend, A.J., 2010. *The story of Suleyman: celebrity elephants and other exotica in Renaissance Portugal*. Zurich, Pachyderm Production, pp. i-viii, 1-70.

International Rhino Keeper Association, 2012. Various notes. *The Crash* November 2012: 1-8.

International Rhino Keeper Association, 2013. Various notes. *The Crash* January 2013: 1-12.

Kennedy, J., 2013. The 2013 rhino keeper workshop is this year. *The Crash* January 2013: 9-10.

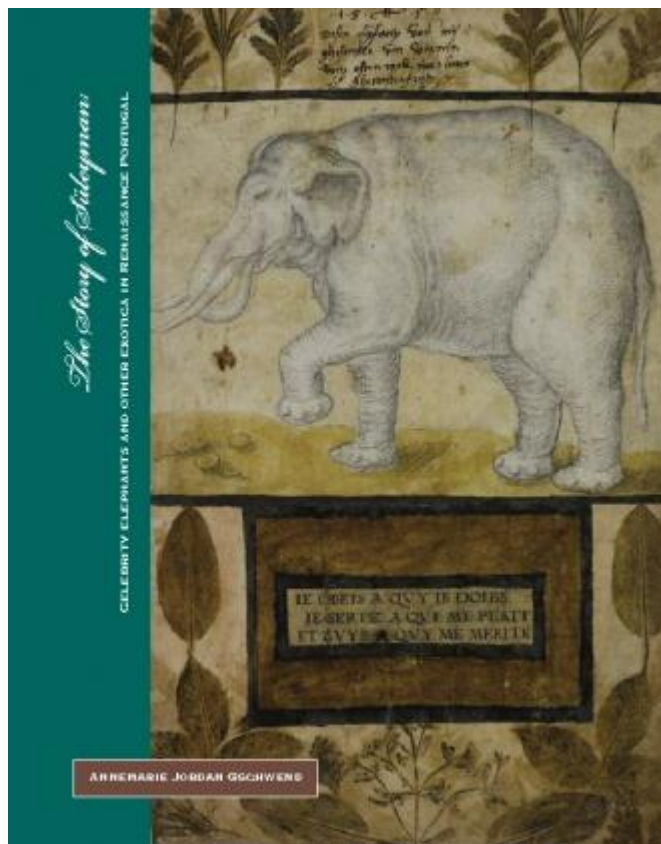
Kinzelbach, R., 2012. *Augusta, das erste Panzernashorn in Europa: eine Natur- und Kulturgeschichte*. Hohenwarsleben, Westarp Wissenschaften, pp. 1-86.

Mason, C.F.; Bulte, E.H.; Horan, R.D., 2012. Banking on extinction: endangered species and speculation. *Oxford Review of Economic Policy* 28 (1): 180-192.

Minns, G., 2012. Rhino horn is not medicine. *The Horn (Save the Rhino International)* Autumn 2012: 8.



- Orme, H., 2009. *Les animaux en danger: les rhinoceros*. Werbomont, Langue au chat, pp. 1-32.
- Paulson, J., 2012. Rhino May Day 2012: heated debates. *The Horn (Save the Rhino International)* Autumn 2012: 7.
- Portas, T.; Evans, G.; De Graaf, S., 2012. The seminiferous cycle of the rhinoceros. *Animal Reproduction Science* 136: 128-132.
- Rademeyer, J., 2012. *Killing for profit: exposing the illegal rhino horn trade*. Cape Town, Zebra Press, pp. i-xi, 1-332
- 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.
- Rookmaaker, L.C., 2012. Two former zoological gardens in Singapore. *International Zoo News* 59 (5): 368-372, figs. 1-3.
- Tenenbaum, N., 2013. Into the wild. *Unmanned Vehicles* 17 (6): 28-30.
- Voelzer, S.; Kirchberg, U., 2012. *Clara, das Nashorn mit den rosa Socken. Die bestrickende Geschichte um eine Tierfreundschaft*. Friedland, Steffen-Verlag, pp. 1-24.
- WWF; Criodion, C.O., 2012. Summary of WWF's positions on priority agenda items for CITES COP16. WWF Position paper November 2012: 1-4.



Gschwend, A.J., 2010.

The story of Suleyman: celebrity elephants and other exotica in Renaissance Portugal. Zurich, Pachyderm Production, pp. i-viii, 1-70

This is a well-written and nicely produced book to accompany an exhibition in Switzerland. Some interesting new insights in the animals brought over to Lisbon and Madrid in the 16th century, including the *ganda* of 1515 immortalized by Albrecht Dürer.



NEW PUBLICATIONS ON AFRICAN RHINOS

- Ayling, J., 2012. What sustains wildlife crime? Rhino horn trading and the resilience of criminal networks. Transnational Environmental Crime Project, Canberra Working Paper 2/2012: pp. 1-22.
- Bamford, P., 2012. Zambia: how many rhinos can you fit in a classroom. *The Horn (Save the Rhino International)* Autumn 2012: 16-17.
- Blaszkiewitz, B., 2012. 38jähriges Spitzmaulnashorn (*Diceros bicornis*) im Zoo Berlin gestorben [Black rhinoceros (*Diceros bicornis*) died in an age of 38 years at Zoo Berlin]. *Zoologische Garten* 81: 185-187, figs. 1-2.
- Bowman, V., 2012. Zimbabwe: Sharpening skills for rhino monitoring. *The Horn (Save the Rhino International)* Autumn 2012: 9.
- Byers, O., 2012. Former CBSG Chair Awarded with U.S. Seal Award for Innovation at CBSG Annual meeting hosted by Melbourne Zoo. *Zoo's Print* 27 (10): 1-4.
- Campbell, L.J.; Pabst, W., 2012. Save valley conservancy: myth versus truth - the facts. *African Indaba e-newsletter* 10 (1): 10-12.
- Capiro, J., 2012. IRKA professional development visit to the Denver Zoo. *The Crash* November 2012: 5-6.
- Chadwick, D., 2005. Daphne Sheldrick: when feelings of kinship transcend the species boundary. *Smithsonian* November 2005: 51.
- Child, B., 2012. The sustainable use approach could save South Africa's rhinos. *South African Journal of Science* 108 (7/8): 1-4.
- Christman, J., 2011. *International studbook for the white rhinoceros *Ceratotherium simum* (Burchell 1817), vol. 12* (status 31.12.2011). Bay Lake, Disney's Animal Kingdom, pp. 1-329.
- Cinkova, I.; Bicik, V., 2012. Social and reproductive behaviour of critically endangered northern white rhinoceros in a zoological garden. *Mammalian Biology* 78 (1): 50-54.
- Citino, S.; Bryant, B.; Duncan, M.; Fleming, F.; Hofmeyr, M.; Miller, E.; Miller, M.; Mylniczenko, N.; Paglia, D.; Radcliffe, R., 2012. IOD in rhinos—veterinary group report: report from the clinical medicine and pathology working group of the international workshop on iron overload disorder in browsing rhinoceros (February 2011). *Journal of Zoo and Wildlife Medicine* 43 (3s): S105-S107.
- Clauss, M. and Paglia, D.E., 2012. Iron storage disorders in captive wild mammals: the comparative evidence. *Journal of Zoo and Wildlife Medicine* 43 (3s): S6-S18.
- Clauss, M.; Dierenfeld, E.; Goff, J.; Klasing, K.; Koutsos, L.; Lavin, S.; Livingston, S.; Nielson, B.; Schlegel, M.; Sullivan, K.; Valdes, E. and Ward, A., 2012. IOD in rhinos—nutrition group report: report from the nutrition working group of the international workshop on iron overload disorder in browsing rhinoceros (February 2011). *Journal of Zoo and Wildlife Medicine* 43 (3s): S108-S113.
- Damm, G.H., 2012. Markus Borner farewell celebration. *African indaba, e-newsletter* 10 (2): 14.
- Dean, C., 2012. A right royal encounter at Chester Zoo. *The Horn (Save the Rhino International)* Autumn 2012: 26.
- Dean, C., 2012. Kenya: Making the most of Laikipia. *The Horn (Save the Rhino International)* Autumn 2012: 24-25.



African Rhinos – continued

- Dean, C., 2012. Kenya: One of the days when the devil has just gone berserk. *The Horn (Save the Rhino International)* Autumn 2012: 22-23.
- Dean, C., 2012. Roaming with rhinos. *The Horn (Save the Rhino International)* Autumn 2012: 3.
- Draper, M., 2012. The question of rhino horn trade: policy perspectives. Report to University of KwaZulu-Natal, pp. 1-8.
- Drury, L., 2012. How can zoos benefit from relationships with field programmes. *The Horn (Save the Rhino International)* Autumn 2012: 12-13.
- Dunham, K.M., 2012. Trends in populations of elephant and other large herbivores in Gonarezhou National Park, Zimbabwe, as revealed by sample aerial surveys. *African Journal of Ecology* 50, 476–488.
- Ellis, K., 2012. Adventures in Namibia. *The Horn (Save the Rhino International)* Autumn 2012: 10-11.
- Ellis, K., 2012. Hornless rhinos. *The Horn (Save the Rhino International)* Autumn 2012: 14-15.
- Ferreira, S.M.; Botha, J.M.; Emmett, M.C., 2012. Anthropogenic influences on conservation values of white rhinoceros. *PLoS ONE* 7(9): e45989. Doi:10.1371/journal.pone.0045989: 1-14.
- Fyumagwa, R.D., 2012. *Anthropogenic and natural influence on disease prevalence at the humanlivestock-wildlife interface in the Serengeti ecosystem, Tanzania*. Ph.D. thesis at the Norwegian University of Science and Technology, Trondheim, pp. 1-184.
- Ganz, T.; Goff, J.; Klasing, K.; Nemeth, E.; Roth, T., 2012. IOD in rhinos—immunity group report: report from the immunity, genetics and toxicology working group of the international workshop on iron overload disorder in browsing rhinoceros (February 2011). *Journal of Zoo and Wildlife Medicine* 43 (3s): S1117-S1119.
- Gettleman, J., 2013. Coveting horns, ruthless smugglers' rings put rhinos in the cross hairs. *New York Times* 1 Jan 2013.
- Guerier, A.S., 2012. *Parentage analysis in a free ranging, closed population of southern white rhinoceros: genetics, pedigrees and management*. M.Sc. dissertation presented to the University of Pretoria: pp. 1-123.
- Hall, C.M.S., 2012. *An investigation into the financial feasibility of intensive commercial White rhino farming in South Africa: a strategic approach*. Thesis presented to the University of Pretoria, pp. 1-58.
- Helary, S.F.; Shaw, J.A.; Brown, D.; Clauss, M.; Owen-Smith, N., 2012. Black rhinoceros (*Diceros bicornis*) natural diets: comparing iron levels across seasons and geographical locations. *Journal of Zoo and Wildlife Medicine* 43 (3s): S48-S54.
- Howison, R.O., 2009. *Food preferences and feeding interactions among browsers and the effect of an exotic invasive weed *Chromolaena odorata* on the endangered black rhino (*Diceros bicornis*), in an African savanna*. Dissertation presented to the University of KwaZulu-Natal, pp. 1-82.
- Hume, J., 2012. John Hume - private rhino owner and breeder, pro trade advocate. *Safaritalk* October 2012.
- Jackson, T., 2012. Rhino watch: news, views, updates, debates (counting the costs in Kruger). *Africa Geographic* 20 (11): 28.



African Rhinos – continued

- Jackson, T., 2012. Rhino watch: news, views, updates, debates. *Africa Geographic* 20 (10): 34-35.
- Jackson, T., 2012. Rhino watch: news, views, updates, debates. *Africa Geographic* 20 (9): 34-38.
- Kahn-Dumoussat, 2012. Animalia (auction in Paris, 8 October 2012): Dispersion de l'entière collection de M. G. et à divers. Paris, Drouot, pp. 1-48.
- Kern, C., 2011. *International studbook for the black rhinoceros*, 1.1.2011, Nr. 12. Berlin, Tierpark, pp. 1-208.
- Kobus, L.A.K., 2012. *Determining the reproductive status of two female southern white rhinoceroses (Ceratotherium simum simum) in Khao Kheow Open Zoo in Thailand by measuring fecal progesterone*. Thesis presented to the Faculty of Veterinary Medicine, University of Utrecht, pp. 1-17.
- Labuschagne, C.; Kotze, A.; Grobler, J.P.; Dalton, D.L., 2012. A targeted gene approach to SNP discovery in the white rhino (*Ceratotherium simum*). *Conservations Genetics Resource* DOI 10.1007/s12686-012-9783-6: 1-2.
- Lavin, S.R., 2012. Plant phenolics and their potential role in mitigating iron overload disorder in wild animals. *Journal of Zoo and Wildlife Medicine* 43 (3s): S74-S82.
- Mander, D., 2012. Elephants, iphones & bombs: unmanned drobes in conservation. Report to International Anti-Poaching Foundation: pp. 1-7.
- Martin, E.B.; Vigne, L., 2012. Strategies to decrease rhino poaching in Africa: our personal view. *Swara, Nairobi* July-September 2012: 62-69.
- Mary, R., 2012. After ivory, a legal rhino horn trade will only cause harm. London, Environmental Investigation Agency (website).
- Mathebula, N.; Miller, M.; Buss, P.; Joubert, J.; Martin, L.; Kruger, M.; Hofmeyr, M.; Olea-Popelka, F., 2012. Biochemical values in free-ranging white rhinoceros (*Ceratotherium simum*) in Kruger National Park, South Africa. *Journal of Zoo and Wildlife Medicine* 43 (3): 530-538.
- Michler, I., 2012. No case for trade. *Africa Geographic* 20 (11): 30.
- Michler, I., 2012. The Mozambique connection. *Africa Geographic* 20 (10): 30.
- Miller, M.; Olea-Popelka, F.; Joubert, J.; Mathebula, N.; Zimmerman, D.; Hausler, G.; Dreyer, C.; Hofmeyr, M.; Buss, P., 2012. Serum iron and selected biochemical values in free-ranging black rhinoceros (*Diceros bicornis*) from South Africa. *Journal of Zoo and Wildlife Medicine* 43 (3s): S55-S60.
- Morgan, G., 2012. The South African rhino crisis: a situational review. *African indaba, e-newsletter* 10 (2): 2-5.
- Mutinda, M.; Otiende, M.; Gakuya, F.; Kariuki, L.; Obanda, V.; Ndeere, D.; Ndambiri, E.; Kariuki, E.; Lekool, I.; Soriguer, R.C.; Rossi, L.; Alasaad, S., 2012. Putative filariasis outbreak in white and black rhinoceros at Meru National Park in Kenya. *Parasites & Vectors* 5: 206 (5 pp.).
- Mylniczenko, N.D.; Sullivan, K.E.; Corcoran, M.E.; Fleming, G.J.; Valdes, E.V., 2012. Management strategies of iron accumulation in a captive population of black rhinoceroses (*Diceros bicornis minor*). *Journal of Zoo and Wildlife Medicine* 43 (3s): S83-S91.



African Rhinos – continued

- Nielsen, B.D.; Vick, M.M. ; Dennis, P.M., 2012. A potential link between insulin resistance and iron overload disorder in browsing rhinoceroses investigated through the use of an equine model. *Journal of Zoo and Wildlife Medicine* 43 (3s): S61-S65.
- Patton, F., 2012. From survival to sustainability: conservation in practice. *Swara, Nairobi* July-September 2012: 70-74.
- Paulson, J., 2012. Rhino trek South Africa 2012. *The Horn (Save the Rhino International)* Autumn 2012: 18-19.
- Pegg, N., 2012. The volunteer connection. *The Horn (Save the Rhino International)* Autumn 2012: 9.
- Pinnock, D., 2012. Our rhino war. *Getaway* September 2012: 38-50.
- Raw, W.G., 1963. White Rhino conservation. *Africana* 1 (6): 11.
- Richmond, S., 2012. World rhino day at the St Louis Zoo. *The Crash* November 2012: 3-4.
- Santymire, R.; Meyer, J.; Freeman, E.W., 2012. Characterizing sleep behavior of the wild black rhinoceros (*Diceros bicornis bicornis*). *Sleep* 35 (11): 1569-1574.
- Scheen, T.; Fähnders, T., 2012. Blutiges Horn. *Frankfurter Allgemeine Zeitung* 20 October 2012.
- Schwabe, F.; Noack, J.; Goettert, T.; Starik, N.; Zeller, U., 2013. Investigating the spatial and temporal behavior of a translocated black rhino (*Diceros bicornis*) starter group on a private game farm in Namibia using camera traps and VHF radio telemetry. *Arbeitsberichte des Geographisches Institut Humboldt-Universität zu Berlin* 175: 62-63.
- Shubart, T., 2012. Rhino media stars. *The Horn (Save the Rhino International)* Autumn 2012: 26.
- Stewart, R.; Warner, B., 2012. William John Burchell: the multi-skilled polymath. *South African Journal of Science* 108 (11/12): 1-9.
- t Sas Rolfes, 2012. Report back (IUCN Conference). *Africa Geographic* 20 (10): 36.
- Tomic, N., 2012. *Immobilisering och dess bieffekter på impala och trubbnoshörning*. Uppsala, Veterinärprogrammet, examensarbete för kandidatexamen Nr. 2012:59, pp. 1-19.
- Walker, C., 2012. Emerging from the shadows. *Africa Geographic* 20 (9): 37-43.
- Zeiler, G.E.; Stegmann, G.F., 2012. Anaesthetic management of a 10-month-old white rhinoceros (*Ceratotherium simum*) calf for emergency exploratory celiotomy. *Journal of the South African Veterinary Association* 83 (1): 1-5.

NEW PUBLICATIONS ON ASIAN RHINOS

- Anderson, C., 2012. Surveillance for anthrax (*Bacillus anthracis*) in water buffalo (*Bubalus bubalis*) sympatric with the Javan rhinoceros (*Rhinoceros sondaicus*) population in Ujung Kulon National Park, Indonesia. Report to Cornell University College of Veterinary Medicine, pp. 1-2.
- Antoine, P.O.; Rookmaaker, L.C., 2012. The first historical record of a rhinoceros in Togo. *Mammalia, Paris* (2013): DOI: 10.1515/mammalia-2012-0049.
- Bhatta, R., 2011. *Ecology and conservation of Great Indian One horned Rhino *Rhinoceros unicornis* in Pobitora Wildlife Sanctuary, Assam, India*. Thesis presented to Guwahati University, pp. 1-231.



Asian Rhinos – continued

- Candra, D.; Radcliffe, R.W.; Andriansyah; Khan, M.; I-Hsien Tsu; Paglia, D.E., 2012. Browse diversity and iron loading in captive sumatran rhinoceroses (*Dicerorhinus sumatrensis*): a comparison of sanctuary and zoological populations. *Journal of Zoo and Wildlife Medicine* 43 (3s): S66-S73.
- Courcy, C.de, 2009. *Dublin Zoo: an illustrated history*. Cork, Collins Press.
- Cranbrook, Earl of; Payne, J.; Leh, C.M.U., 2007. Origin of elephants *Elephas maximus* L. of Borneo. *Sarawak Museum Journal* 63 (no.84 new series): 95-125
- Devkota, R. A.; Branta, S.V.; Thapa, R.A.; Loker, E.S., 2013. Sharing schistosomes: the elephant schistosome *Bivitellobilharzia nairi* also infects the greater one-horned rhinoceros (*Rhinoceros unicornis*) in Chitwan National Park, Nepal. *Journal of Helminthology* DOI: <http://dx.doi.org/10.1017/S0022149X12000697>: 1-9.
- Ellis, S., 2012. Making rhino history: Sumatran rhino calf Andatu. *The Horn (Save the Rhino International)* Autumn 2012: 4-5.
- Fulconis, R., 2012. Solving human-wildlife conflict in Nepal. *The Horn (Save the Rhino International)* Autumn 2012: 6.
- Goossens, B.; Ambu, L.N., 2012. Sabah Wildlife Department and 10 years of research: Towards a better conservation of Sabah's wildlife. *Journal of Oil Palm & The Environment* 3: 38-51.
- Groenenberg, D.S.J.; Courcy, C.de; Linnie, M.; Oosterweghel, L., 2012. On the identity of the first rhinoceros owned by of the Dublin Zoo (†1865); genetic characterisation of a poorly preserved museum specimen. *Biology and Environment: Proceedings of the Royal Irish Academy* 112B: 285-291.
- Konstant, B., 2013. Everybody's favorite rhino. *The Crash* January 2013: 4-5.
- Magintan, D.; Rufino, M.B.M.; Cosmas, N.; Dennis, T.C.Y., 2010. Some evidences of Sumatran rhinoceros presence in Temengor Forest Reserve, Perak. *Journal of Wildlife and Parks* 26: 5-10.
- Neushoornstichting, 2013. [Various notes on rhinos, in Dutch]. *Nieuwsbrief* January 2013.
- Neushoornstichting; Asian Rhino Foundation, 2012. [Various notes on African and Asian rhinos, in Dutch]. *Nieuwsbrief* 4 (2): De oplossing: 1-7.
- Payne, J., 2009. Borneo rhino sanctuary in Tabin Wildlife Reserve: last chance to prevent the extinction of the rhino in Borneo. Sabah Forestry Department Annual Report 2009: 301-303.
- Payne, J., 2010. Borneo rhino sanctuary programme in Tabin Wildlife Reserve - 2010 report: last chance to prevent the extinction of the rhino in Borneo. Sabah Forestry Department Annual Report 2010: 25-27.
- Payne, J., 2011. Borneo rhino sanctuary programme in Tabin Wildlife Reserve. Sabah Forestry Department Annual Report 2011: 1-4.
- Pusparini, W., 2006. *Studi populasi dan analisis kelayakan habitat badak sumatera (Dicerorhinus sumatrensis Fischer, 1814) di Taman nasional Bukit Baritan Selatan*. Thesis presented to Universitas Indonesia, pp. 1-124.
- Rahmat, U. Mamat, 2011. *Sebaran spasial dan model kesesuaian habitat Badak Jawa (Rhinoceros sondaicus Desmarest, 1822) di Taman Nasional Ujung Kulon*. Thesis presented to Institut Pertanian, Bogor: pp. 1-160.



Asian Rhinos – continued

- Ray, S.; Roy, R.; Mondal, A.K., 2013. Biodiversity, resource utilization by the local villagers of South West Bengal, West Bengal, India. *International Journal of Life Sciences Biotechnology and Pharma Research* 2 (1): 296-303.
- Rovie-Ryan, J.J.; Zainuddin, Z.Z.; Marni, W.; Ahmad, A.H.; Ambu, L.N.; Payne, J., 2013. Blood meal analysis of tabanid fly after it biting the rare Sumatran rhinoceros. *Asian Pacific Journal of Tropical Biomedicine* 3 (2): 95-99.
- Sam Shor Nahar Yaakob; Saidon Amri, 2010. Gunung Tahan trail: some history and background. *Journal of Wildlife and Parks* 26: 95-107.
- Sharma, A.; Dutta, D.K.; Swargowari, A.; Singh, S.P., 2012. The released rhinos in Manas National Park - the fourth year (April 2011 - March 2012). Report of IRV2020: 1-25.
- Shrestha, M.B., 2013. India: poachers kill two more rhino. *Headlines Himalaya* no.236: 2.
- Sulinawati; Saputra, I G.N.A. W.A.; Priono, T.H. ; Ediwan; Slamet; Candra, D., 2013. Kecacingan Trematoda Schistosoma spp. Pada Badak Sumatera (*Dicerorhinus Sumatrensis*) di Taman Nasional Way Kambas. *bppvlampung.com* January 2013: 23-28.
- Talukdar, B.K.; Marseille, M., 2012. Building up protection for the Sumatran rhino. *Zooquaria* 80: 12-13.
- Tiuria, R.; Pangihutan, J.; Nugraha, R.M.; Priosoeryanto, B.P.; Hariyadi, A.R.S., 2008. Kecacingan Trematoda pada Badak Jawa dan Banteng Jawa di Taman Nasional Ujung Kukon (Prevalence of trematodes in Javan rhinoceros and banteng at Ujung Kulon National Park). *Jurnal Veteriner* 9 (2): 94-98.
- Tripathi, A.K., 2012. Habitat and population ecology of Rhinoceros unicornis in Dudhwa National Park, Uttar Pradesh. *International Journal of Pharmacy & Life Sciences* 3 (11): 2090-2097.
- WWF Nepal, 2012. Zero poaching year for rhinos. Annual Report 2012: 5-6.

NEW PUBLICATIONS ON FOSSIL RHINOS

Section in RRC edited by Emmanuel Billia and Dan Ziegler.

- Alekseeva, L.I., 1982. Osobennosti fauny krupnikh mlekupitayushchikh Eopleystozena yuga evropeyskoy chasti SSSR [Peculiarities of fauna of Eopleistocene large mammals in the south of the European part of the USSR] [in Russian]. *Proc. of XI INQUA Congr, Moskva, Paleontologicheskyy Sbornik, Izd-vo pri L'vovskom Gosuniversitem Gosunivete-Izd-vo Ob'edineniya "Visha Shkola", L'vov*; 19: 5-14, 1 tab..
- Andrescu, I.; Codrea, V.; Enache, C.; Lubenescu, V.; Munteanu, T.; Petculescu, A.; Stiuca, E.; Terzea, E., 2011. Reassessment of the Pliocene/Pleistocene (Neogene/Quaternary) boundary in the Dacian Basin (Eastern Paratethys), Romania. *Studii si comunicari. Stiintele Naturii, Muzeul Olteniei, Craiova, Oltenia*; 27 (1): 197-220, 11 figs..
- Andrescu, I.; Codrea, V.; Lubenescu, V.; Munteanu, T.; Petculescu, A.; Stiuca, E. ; Terzea, E. , 2013. New developments in the Upper Pliocene-Pleistocene stratigraphic units of the Dacian Basin (Eastern Paratethys), Romania. *Quaternary International* 284: 15-29, 10 figs..



Fossil Rhinos – continued

- Anonymous, 2011. Former SVP President William D. Turnbull passed away Oct. 5. Society of Vertebrate Paleontology (the Field Museum of Natural History) (on-line Obituary).
- Antoine, P.O.; Orliac, M.J.; Atici, G.; Ulusoy, I.; Sen, E.; Cubukcu, H.E.; Albayrak, E.; Oyal, N.; Aydar, E.; Sen, S., 2012. A Rhinocerotid skull cooked-to-death in a 9.2 Ma-old ignimbrite flow of Turkey. *PLoS ONE* 7(11): e49997. doi:10.1371/journal.pone.0049997: 1-12.
- Ballatore, M.; Breda, M.; Peretto, C.; Thun Hohenstein, U., 2012. Stephanorhinus hundsheimensis: new palaeontological and archaeozoological data on the rhinoceros remains from Isernia la Pineta (Southern Italy). *Museologia Scientifica e Naturalistica* 8 (3): 11.
- Becker, D.; Scherler, L., 2012. European Oligo-Miocene rhinocerotids: diversity and ecology. Abstracts of presentations at: Quatrieme Symposium Georges Cuvier, Montbeliard 8-12 Octobre 2012: Fossiles, Evolution, Mouvement, p.5.
- Biddittu, I.; Celletti, P., 2001. Plio-Pleistocene Proboscidea and Lower Palaeolithic bone industry of Southern Latium (Italy). Proceedings of the International Congress “The World of Elephants”, Rome 2001, Roma: pp. 91-96, 2 figs..
- Boeskorov, G.G., 2012. Some specific morphological and ecological features of the fossil woolly rhinoceros (*Coelodonta antiquitatis* Blumenbach 1799). *Biology Bulletin* 39 (8): 692-707.
- Bosch, M.D.; Antl-Weiser, W.; Fladerer, F.A.; Nigst, Ph.R. , 2010. New results from zooarchaeological, taphonomic, and spatial analyses of the Gravettian mammoth bone accumulation at Grub-Kranawetberg (Lower Austria). Hugo Obermaier Society for Quaternary Research and Archaeology of the Stone Age, 52. Jahrestagung in Leipzig (6-10 April 2010): pp. 17-18..
- Chen, Shao-Kun; Huang Wan-bo; Pei Jian; He Cun-ding; Qin Li; Wei Guang-biao; Leng Jing, 2012. The latest Pleistocene *Stephanorhinus kirchbergensis* from the Three Gorges area and re-evaluation of Pleistocene rhinos in Southern China. *Acta Anthropologica Sinica* 31 (4): 381-394.
- Diedrich, C.G., 2006. By Ice Age spotted hyenas removed, cracked, nibbled and chewed skeleton remains of *Coelodonta antiquitatis* (BLUMENBACH 1799) from the Lower Weichselian (Upper Pleistocene) freeland prey deposit site Bad Wildungen-Biedensteg (Hessia, NW Germany). *Journal of Taphonomy* 4 (4): 173-206, 22 figs..
- Diedrich, C.G., 2006. Ice age spotted hyenas ?hunting or only scavenging the cave bear *Ursus spelaeus* Rosenmüller at the Ice Age spotted hyena open air den and prey deposit site Bad Wildungen-Biedensteg (Hessia, Germany). *Scientific Annals, School of Geology, Aristotle University of Thessaloniki (AUTH), Thessaloniki*; 98: 193-199, 4 figs, 1 tab..
- Diedrich, C.G.; Schäfer, D.; Rappsilber, I.; Wansa, S.; Weber, Th. , 2010. Neandertalercamp und Hyänenhorst – Neue Untersuchungen im pleistozänen Gipskarst von Westeregeln, Salzlandkreis (Sachsen-Anhalt). Hugo Obermaier Society for Quaternary Research and Archaeology of the Stone Age, 52. Jahrestagung in Leipzig (6-10 April 2010): pp. 21-22..



Fossil Rhinos – continued

- Foronova, I.V.; Sotnikova, M.V., 2012. [Morphological features of some representatives of mammal fauna (Proboscidea, Carnivora) in the end of the middle - beginning of Late Pleistocene on the south of Eastern Europe, Dniester Basin] [in Russian]. Proceedings of the Inter. Confer. "Geoecological and Bioecological Problems of the North Black Sea Coast", November 9-10, PGU Publ., Tiraspol': pp. 321-324..
- Guerin, C., 2011. Les Rhinocerotidae (Mammalia, Perissodactyla) miocènes et pliocènes des Tugen Hills (Kénya). *Estudios Geológicos* 67 (2): 333-362.
- Gustafson, E.P., 2012. New Records of Rhinoceroses from the Ringold Formation of Central Washington and the Hemphillian-Blancan Boundary. *Journal of Vertebrate Paleontology* 32 (3): 727-731.
- Handa, N.; Nakaya, H.; Nakatsukasa, M.; Kunitatsu Y. , 2012. New specimens of Elasmotheriini (Rhinocerotidae, Perissodactyla) from the Namurungule and Nakali Formations (Early Late Miocene) of Northern Kenya. 72nd Annual Meeting of the Society of Vertebrate Paleontology, Raleigh, NC, USA, October 17-20, 2012 (abstract)..
- Heissig, K., 2012. Les Rhinocerotidae (Perissodactyla) de Sansan (in Peigné S. & Sen S., eds: Mammifères de Sansan). *Mémoires du Muséum national d'Histoire naturelle, Paris*; 203: 317-485, 464 figs, 66 tabs..
- Holbrook, L., 2001. Cranial and postcranial perspective on the phylogeny of Perissodactyls (Mammalia). Proceedings of the 6th International Congress of Vertebrate Morphology (abstract): p. 241..
- Kuzmina, S.; Lister, A.M.; Edwards, M.E. , 2011. Andrei Sher and Quaternary science – Beringia and Beyond: Paper Celebrating the Scientific Career of Andrei Vladimirovich Sher, 1939–2008. *Quaternary Science Reviews* 30 (17-18): 2039-2048..
- Meladze, G.K., 1985. Obzor Gipparionovykh Faun Kavkaza [Review of the "Hipparion Fauna" of Caucasus] [in Russian]. Akademya Nauk Gruzinskoy SSR, Institut Paleobiologii im. "L. SH. Davitashvili", Izd-vo "Mezniereba", Tbilisi: 93 pp., 16 Pls., 6 figs..
- Palmqvist, P.; Perez-Claros, J.A.; Janis, Ch.M.; Gröcke, D.R., 2008. Tracing the ecophysiology of ungulates and predator-prey relationships in an Early Pleistocene large mammal community. *Palaeogeography, Palaeoclimatology, Palaeoecology* 266: 95-111, 3 figs, 2 tabs..
- Potapova, O.; Boeskorov, G.; Protopopov, A.; Fisher, D.; Mashchenko, E., 2012. Yakutian paleontologist Dr. Piotr Lazarev passed away at age 74. Society of Vertebrate Paleontology (on-line Obituary).
- Rathgeber, Th., 2004. Die quartäre Tierwelt der Höhlen um Veringenstadt (Schäbische Alb). *Laichinger Höhlenfreund, Laichingen*; 39 (1): 207-228, 9 figs, 7 tabs..
- Redcozubov, O.; Obada, Th. , 2012. [The fossil remains of turtles from Upper Pliocene location Alexanderfeld] [in Russian]. Proceedings of the Intern. Confer. "Geoecological and Bioecological Problems of the North Black Sea Coast", November 9-10, PGU Publ., Tiraspol': pp. 244-245..
- Reich, M.; Gehler, A., 2008. Doe Knochen der Eiszeitriesen: Kaltzeitliche Grosssauger geben Erkenntnisse für das 21. Jahrhundert preis. *Sammlungen - Erkenntnis, Wissen, Innovation* 8: 44-50.



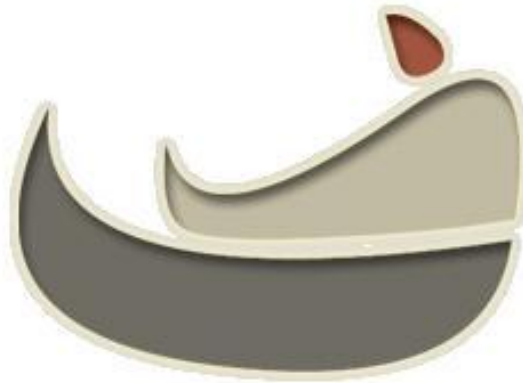
Fossil Rhinos – continued

- Reich, M.; Gehler, A., 2008. Giants' bones and unicorn horns: ice age elephants offer 21st century insights. *Collections - Wisdom, Insight, Innovation* 8: 44-50.
- Samiullah, K.; Akhtar, M.; Khan, M.A.; Ghaffar, A., 2012. Fossil mammals (rhinocerotids, giraffids, bovids) from the miocene rocks of Dhok Bun Ameer Khatoon, District Chakwal, Punjab, Pakistan. *International Journal of Research in Engineering, IT and Social Sciences* 2 (8): 124-178.
- Sanisidro, O.; Cantalapiedra, J.L., 2010. Nuevas técnicas paleobiogeográficas aplicadas a la Familia Rhinocerotidae (Perissodactyla) // New palaeobiogeographic tools applied to the Family Rhinocerotidae (Perissodactyla) (en: Moreno-Azanza M., Diaz-Martinez I., Gasca J.M., Melero-Rubio M., Rabal-Garcés R. y Sauqué V., eds). VIII Encuentro de Jovenes Investigadores en Paleontología, *Cidaris – Revista Ilicitana de Paleontología y Mineralogía* 30: 293-298, 4 figs..
- Sanisidro, O.; Alberdi, M.T.; Morales, J., 2012. The first complete skull of Hispanotherium matritense (Prado, 1864) (Perissodactyla, Rhinocerotidae) from the Middle Miocene of the Iberian Peninsula. *Journal of Vertebrate Paleontology* 32 (2): 446-455, 5 figs, 2 tabs. [doi: 10.1080/02724634.2012.639420].
- Sava, G.M.; Codrea, V.A., 2012. Upper Miocene rhinoceros partial skeleton from Manzati, Yaslui District: preliminary data. *Muzeul Olteniei Craiova: Oltenia Studii si comunicari stiintele Naturii* 28 (1): 215-220.
- Scherler, L.; Becker, D., 2012. Evolution of non-ruminant, hoofed mammals during the Oligocene and Early Miocene in Western Europe. Abstracts of presentations at: Quatrieme Symposium Georges Cuvier, Montbeliard 8-12 Octobre 2012: Fossiles, Evolution, Mouvement, p.46.
- Soto, E.; Sesé, C.; Perez-Gonzalez, A.; Santonja, M., 2001. Mammal fauna with Elephas (Palaeoloxodon) antiquus from the lower levels of Ambrona (Soria, Spain). Proceedings of the International Congress “The World of Elephants”, Rome 2001, Roma: pp. 607-610, 1 tab..
- Stiuca, E.; Petculescu, A.; Vasile, S.; Tita, R., 2012. Macro- and micromammal faunas associated with Mammuthus (Archidiskodon) meridionalis in the Lower-Middle Pleistocene from Copaceni (Ilfov County, Romania). Annual Zoological Congress of “Grigore Antipa” Museum, 21-23 November 2012, Bucharest, Romania (Book of Abstracts): pp. 76-77..
- Tleuberdina, P.; Tesakov, A.; Nazymbetova, G., 2011. Lyubov Anatolievna Tyutkova (1957-2011). *Russian Journal of Theriology*, Moskva 10 (1): 31-34, 1 photograph..
- Tourloukis, V., 2010. *The Early and Middle Pleistocene Archaeological Record of Greece – Current Status and Future Prospects*. Proefschrift ter verkrijging van de graad van Doctor aan de Univ. Leiden [PhD Thesis presented to the Leiden Univ.], Archaeological Studies Leiden 23, pp. 1-261, numerous figs and tabs..
- Zakharov, D.C.; Chepalyga, A.L. , 2012. [Problems of the earliest stages of Dnister Valley evolution – Alluvial of Kuchurganian Sections] [in Russian]. Proceedings of the Intern. Confer. “Geocological and Bioecological Problems of the North Black Sea Coast”, November 9-10, PGU Publ., Tiraspol: pp. 109-111, 1 map..



Fossil Rhinos – continued

Zakharov, D.C.; Redcozubov, O.I., 2012. [Early Pliocene turtles from Priozerno Site (Dniester Valley)] [in Russian]. Proceedings of the Intern. Confer. “Geocological and Bioecological Problems of the North Black Sea Coast”, November 9-10, PGU Publ., Tiraspol: pp. 108-109..



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