

RHINO RESOURCE CENTER

www.rhinoresourcecenter.com

NEWSLETTER #36 AUGUST 2014

Dear colleagues and friends,

This is the 36th 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 18,861. This is an increase of 240 items in the last quarter. **Over 18,000 references are available as PDF on RRC website**



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The Rhino Resource Center is a Charity (Registered KvK Utrecht 30185802)
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PACHYDERM 54 NOW PUBLISHED

Pachyderm is the Journal of the African Elephant, African Rhino and Asian Rhino Specialist Groups. The rhino section is edited by Kees Rookmaaker.

Recent issues are available online here:

<http://www.pachydermjournals.org/index.php/pachy>

and on the RRC.

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SUMATRAN RHINO FIRST CAPTIVE BIRTH 1872

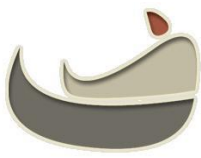
Kees Rookmaaker has just published in *Der Zoologische Garten*
The birth of the first Sumatran Rhinoceros *Dicerorhinus sumatrensis* (Fischer, 1814) – London Docks 1872. *Zool. Garten N.F.* (2014) 83 (1-3),
<http://dx.doi.org/10.1016/j.zoolgart.2014.07.001>

Available online on 30 July 2014 (submitted 26 June – thank you to editors and Elsevier team for fast turn-around!)



THE LATE BABY RHINOCEROS AND HIS MOTHER
A SKETCH FROM LIFE

ABSTRACT. A Sumatran Rhinoceros (*Dicerorhinus sumatrensis*) was born in the Victoria Docks of London on board the steamer *Orchis* arriving from Singapore. It was the first of only eight captive births of this species ever recorded. The female had been captured in Malacca (current Malaysia) together with a male which did not survive the journey. She delivered a female baby unaided by the keeper August Engelke on the evening of Friday 6 December 1872. The rhinos were owned by the animal dealers Carl Hagenbeck and William Jamrach. In London mother and baby were kept in the stables of Charles William Rice on Commercial Road, attended by John Warncken. They were examined by Abraham Dee Bartlett and Frank Buckland, and sketched by Charles Berjeau and an anonymous illustrator working for the *Graphic*. The baby was crushed to death by her mother on Wednesday 18 December 1872. “Never mind, better luck next time” was the optimistic summary of the Victorian commentators. The female was subsequently sent to America, most probably to be added to one of the menageries operated by P.T. Barnum.



TALKS AT THE RHINO MAY DAY IN LONDON 2014

The talks presented at the Rhino May Day in London organised once again superbly by Save the Rhino International are summarized online in this link:

http://www.savetherhino.org/events/photos_and_videos/rhino_mayday_2014

There were talks by

Cathy Dean, Director, SRI

Michael 't Sas-Rolfes, independent rhino economist

Susie Watts, Co-chair of the Species Survival Network Rhino Working Group

Susie Offord, Deputy Director, SRI

Becca Biddle, Technical Assistant to the Director General, Chester Zoo

Dr Lucy Webster, Wildlife DNA Forensics

Cath Lawson, Regional Officer - East Africa at WWF

John Payne, Executive Director of Borneo Rhino Alliance

Andrew Gell, technical expert on the use of Night & Infra-red light for Rhino Census

Katherine Ellis, Office and Communications Manager, SRI

REGULAR RHINO NEWSLETTERS AND MAGAZINES

Here are links to some of the regular contributors to rhino news and literature.

Sebakwe News

<http://www.blackrhino.org/nnews.htm>

Rhino Ark (Kenya): Humans in Harmony with Habitat and Wildlife

http://www.rhinoark.org/downloads/cat_view/7-arkive-newsletter.html

SAVE African Rhino Foundation

<http://www.savefoundation.org.au/newsite/newsletters-2/>

Save the Rhino: Connecting conservation and communities

The Horn Magazine

http://www.savetherhino.org/latest_news/the_horn_magazine

Asian Rhino Project - Australia

http://www.asianrhinos.org.au/index.php/about_us/project_updates/

Neushoorn Stichting - The Netherlands

<http://www.neushoornstichting.nl/actueel/nieuwsbrief.html>

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

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



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	2013 August	2013 November	2014 February	2014 May	2014 August	ANNUAL INCREASE
References	17,986	18,145	18,374	18,621	18,861	+ 875
PDF files	17,456	17,663	17,900	18,173	18,431	+ 975
Images	3,236	3,272	3,369	3,419	3,464	+ 228
Members	1,885	1,942	2,000	2,062	2,108	+ 323

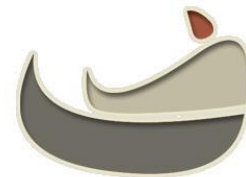
I thank everybody who has helped us by sending copies of books and papers.

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

DONATIONS TO THE RRC

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

[DONATE HERE](#)

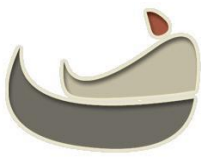


The Rhino Resource Center is an essential tool for

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

YES, YOU CAN HELP:

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



NEW LITERATURE (finalised 30 April 2014)

In this quarter (May to July 2014), we have added 240 new references, to bring the total number of items in the database to 18,861.

Of these, 18,431 or 98 percent are available as PDF and searchable.

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

This quarter saw the publication of some pivotal papers and reports, all well worth the attention for anybody interested in rhinos.

Search for them on the RRC, it's easy.

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

NEW BOOKS AND GENERAL PUBLICATIONS

- Brown, T., 2014. Zoo proliferation - The first British zoos from 1831-1840. *Zoologische Garten Preview 2014*: 1-2 .
- CITES Secretariat (SC65 Working Group on Rhinoceroses), 2014. *Sixty-fifth meeting of the Standing Committee: Interpretation and implementation of the Convention - Species trade and conservation issues: Rhinoceroses*. Report to CITES SX65 Com. 3: pp.1-3
- CITES Secretariat, 2014. *Sixty-fifth meeting of the Standing Committee: Interpretation and implementation of the Convention - Species trade and conservation issues: Rhinoceroses*. Report to CITES SC65 Doc.43.2: pp. 1-15
- Dean, C., 2014. 2014: Year of the rhino? *BIAZA News Spring 2014*: 12
- Dean, C., 2014. Sense and science-ability. *The Horn Spring 2014*: 3
- Heinz Center; Mawdsley, J.; Surridge, M., 2012. *Climate-change vulnerability and adaptation strategies for Africa's charismatic megafauna*. Washington, DC, The H. John Heinz III Center for Science, Economics and the Environment, pp. 1-56
- Holland, J., 2013. Rhinos and the Los Angeles Zoo. *Zoo View, Los Angeles* 47 (3): 6-9
- Humphreys, J.; Smith, M.L.R., 2011. Protecting endangered species. *Criminal Justice Matters* no. 83: 6-7
- International Rhino Coalition, 2014. *Assessing the risks of rhino horn trade: a journal of arguments presented at the April 2014 conference in South Africa*. Pretoria, pp. 1-86
- Martin, B., 2011. Simba and the Vienna bronze sculpture - a brief examination of the plight of the rhinoceros. *Journal of Animal Welfare Law* Autumn/Winter 2011: 4-9
- Moeliker, K.; Reumer, J.W.F., 2011. Neushoorn zonder hoorns. *Straatgras Rotterdam* 2011 (5): 75-76
- Mukwazvure, A. ; Magadza, T.B.H.T., 2014. A survey on anti-poaching strategies. *International Journal of Science and Research* 3 (6): 1064-1066
- Patton, F., 2014. Can DNA be used to bring the extinct back to life? *Swara, Nairobi* July-September 2014: 50-53.



General Literature – continued

- Patton, F., 2014. London conference: marks turning point in wildlife protection. *Swara, Nairobi* April-June 2014: 24-30
- Patton, F., 2014. Rewilding: a new conservation paradigm. *Swara, Nairobi* April-June 2014: 31-35
- Pilgrim, M.; Biddle, R., 2014. *EAZA Best Practice Guidelines: Black rhinoceros (Diceros bicornis)*. Amsterdam, EAZA, pp. 1-85
- WWF Ranger Club, 2013. Red de neushoorn. *Tamtam* 2013 (3): 1-24

EAZA Best Practice Guidelines Black rhinoceros (*Diceros bicornis*)



Picture: Black rhino at Chester Zoo

Editors: Dr Mark Pilgrim and Rebecca Biddle MBE/Sci., NEZS Chester Zoo
Contact information: Chester Zoo, Cedar House, Gughall Road, Chester, CH2 1LH, 01244 389 879
Email: b.biddle@chesterzoo.org / m.pilgrim@chesterzoo.org
Name of TAG: Rhinoceros TAG
TAG Chair: Dr. Friederike von Houwald
Edition: 1



EAZA has published

EAZA Best Practice Guidelines: Black rhinoceros (Diceros bicornis).

This is an [important publication](#) to be read by all zoo professionals interested in or caring for rhinos anywhere in captivity. The authors are to be commended for a good job. Just a pity that they have used an (in my view) outdated version of the map of [historical distribution](#), and have forgotten to provide a link to the Rhino Resource Center. Many publications aimed at zoo keepers and zoo managers are available on the RRC.

NEW PUBLICATIONS ON AFRICAN RHINOS

- Adcock, K., 2014. *Visual assessment of black rhino browse availability, second edition*. Harare, SADC Regional Programme for Rhino Conservation
- Aguayo, F., 2014. Rhino horn and the economics of wildlife trade: risks and uncertainties. *Assessing the risks of rhino horn trade (International Rhino Coalition)* 2014: 25-29
- Anonymous, 2011. Mord in der Savanne. *Kapstadt.com magazin* no. 16: 78-79
- Berkowitz, E., 2014. Rhinoceroses. *Weekly Link (Boro Park)* 8 (37): 84-90
- Bewick, K., 2014. Anti-Poaching Intelligence Group Southern Africa: Press release. Pretoria, 2 pp.



African Rhinos – continued



VISUAL ASSESSMENT OF BLACK RHINO BROWSE AVAILABILITY Version 3

By Keryn Adcock*



*Box 1212, Hilton 3245, KwaZulu Natal, South Africa e-mail: keryna@telkomsa.net
+27 (0)33 3484 065 Cel: 082 896754

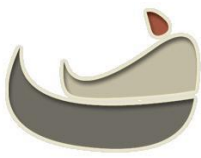
Keryn Adcock has kindly shared the [new edition](#) of the pivotal *Visual assessment of black rhino browse availability, second edition* Important for all field workers and managers.

- Bewick, K.D., 2012. History and background to our operations, rhino protection and tracking organized crime syndicates. Johannesburg, Anti-Poaching Intelligence Group Southern Africa, pp. 1-24
- Bhandari, M., 2014. Is tourism always beneficial? a case study from Masai Mara National Reserve, Narok, Kenya. *Pacific Journal of Science and Technology* 15 (1): 458-483
- Blazkiewitz, B., 2014. Spitzmaulnashorn (*Diceros bicornis*) vollendet 40. Lebensjahr im Zoo Berlin. *Zoologische Garten Preview* 2014: 1-2 .
- Bloch, R.A.; Haefele, H.; Stephens, L., 2014. Medical management of a patent urachus in a southern white rhinoceros (*Ceratotherium simum simum*) calf. *Journal of Zoo and Wildlife Medicine* 45 (2): 420-422
- Boeyens, J.C.A.; Ryst, M.M. van der, 2014. The cultural and symbolic significance of the African rhinoceros: a review of the traditional beliefs, perceptions and practices of agropastoralist societies in southern Africa. *Southern African Humanities* 26: 21-55
- Buser, H., 2013. Adieu Nashorn-Mama Merz. *Habari, Zeitung der Freunde der Serengeti Schweiz* 28 (2): 8-9
- Cinkova, I.; Policht, R., 2014. Contact calls of the Northern and Southern White Rhinoceros allow for individual and species identification. *PLoS ONE* 9 (6) e98475: 1-12
- CITES Secretariat, 2014. Rhino conservation in Zimbabwe: 2012-2013. Report to CITES SC65 Doc.43.2 Annex 2: pp. 1-7
- Coffey, S., 2013. Randa's route to recovery. *Zoo View, Los Angeles* 47 (3): 11



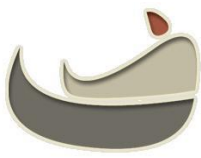
African Rhinos – continued

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- Druce, D.J., 2014. South Africa: The biological management of rhinos in Hluhluwe-iMfolozi Park. *The Horn Spring* 2014: 11
- Du Toit, R., 2014. Zimbabwe: Tricks for tracking, transmitters, transponders & traps. *The Horn Spring* 2014: 16-17
- Duncan, N., 2014. News and events. *Newsletter of the SAVE Foundation of Australia* 28 (2): 1-12
- Edwards, K., 2013. Investigating population performance and factors that influence reproductive success in the eastern black rhinoceros (*Diceros bicornis michaeli*). Ph.D. thesis presented to the University of Liverpool.
- Emslie, R., 2014. How many rhinos are there?. *The Horn Spring* 2014: 18-19
- Emslie, R.H.; Knight, M.H., 2014. Update on African rhino status and trends: from IUCN SSC African Rhino Specialist Group (AfRSG). Report to CITES Standing Committee 65th meeting: pp. 1-6
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- Fitzjohn, L., 2014. Tanzania: Balancing rhinos, elephants, predators and other animals in Mkomazi Rhino Sanctuary. *The Horn Spring* 2014: 28
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- Oliver, K., 2014. Zambia: Rhinos in the classroom. *The Horn Spring* 2014: 14-15
- Patton, F., 2014. Charlie Mayhew: from avid adventurer to ardent conservationist. *Swara, Nairobi* January-March 2014: 62-65
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- Radcliffe, R.W.; Morkel, P.; Jago, M.; Taft, A.A.; Du Preez, P.; Miller, M.A.; Candra, D.; Nydam, D.V.; Barry, J.S.; Gleed, R.D., 2014. Pulmonary dead space in free-ranging immobilized Black Rhinoceroses (*Diceros bicornis*) in Namibia. *Journal of Zoo and Wildlife Medicine* 45 (2): 263-271 .
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African Rhinos – continued

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Visser, S., 2012. Het is crisis: stroperij. *Panda Magazine* September 2012: 8-15

Watts, S., 2014. Flawed assumptions underlying calls for the legalisation of the rhino horn trade. *Assessing the risks of rhino horn trade (International Rhino Coalition)* 2014: 38-41

Wiseman, S.; Wilson, P.S.; Sepulveda, F., 2014. Measuring the sonic, infrasonic and seismic soundscape of the Southern White Rhinoceros (*Ceratotherium simum simum*) at a wildlife park conservation center. *Journal of the Acoustical Society of America* 135 (4): 2335

WWF Netherlands, 2012. De strijd tegen illegale handel. *Panda Magazine* no. 63: 10-16

Zick, T.; Weiss, M., 2014. Jager und Gejagte. *Suddeutsche Zeitung* 28 June 2014

SOON TO BE PUBLISHED – HUGUET'S RHINOCEROS

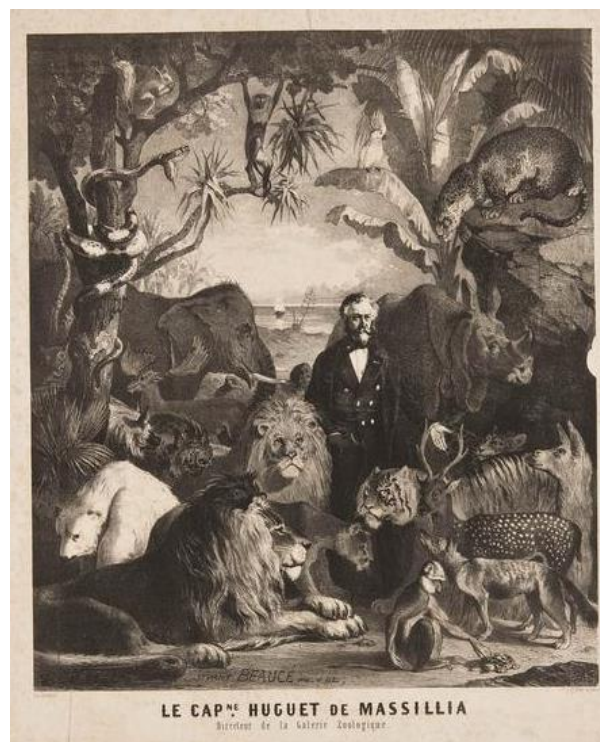
Kees Rookmaaker's history of the rhinoceros sometimes thought to be one of the few captive Javan rhinos – all will be revealed ...

The history and identity of a rhinoceros exhibited through Europe by Huguet of Massilia and sold to in the Zoological Garden of Marseille, 1845-1862.

Now in press for imminent publication in

La revue scientifique **Mésogée** du Museum d'histoire naturelle de Marseille

http://www.museum-marseille.org/marseille_mesogee.htm



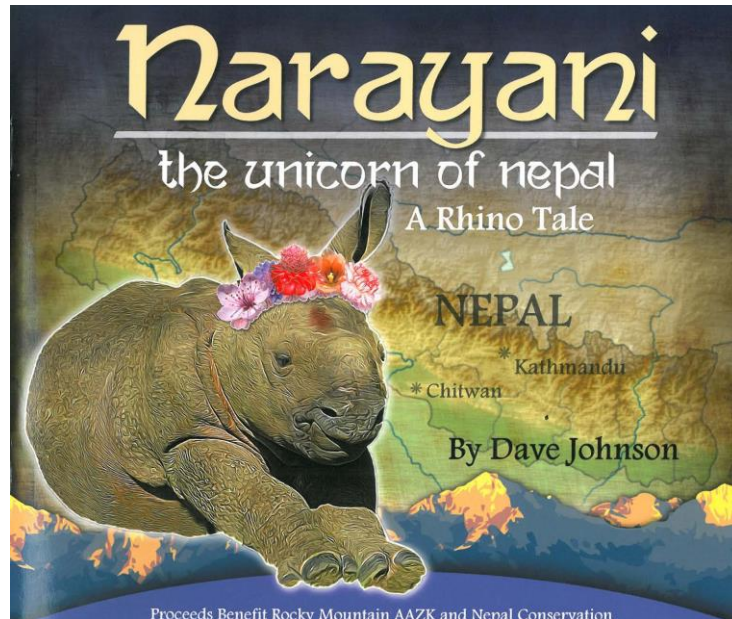


NEW PUBLICATIONS ON ASIAN RHINOS

- Anonymous, 2011. Malaysia bids to save Borneo Sumatran rhino from extinction. *The Guardian*, Tuesday, 27 December 2011
- Anonymous, 2011. Rinoceronte di Giava estinto in Vietnam. *Corriere della Sera, Milano*, 25 novembre 2011
- Anonymous, 2012. Konjungu Andatu. *Radar Lampung* 31 July 2012: 1
- Bapodra, P.; Dierenfeld, E.; Wolfe, B.A., 2014. Evaluation of season-related dietary changes on the serum profiles of fat-soluble vitamins, mineral, fatty acids, and lipids in the captive greater one-horned rhinoceros (*Rhinoceros unicornis*). *Zoo Biology* 2014: early view .
- Bezbarua, P., 2013. Magic of Manas. *PTES Wildlife World* 2013 (4): 12-16
- Bhattacharjee, U., 2013. Inside Kaziranga's One-horned Dream. *Yahoo News India Grist Media* Oct 7 2013: 1-12
- Blaszkiewitz, B., 2012. Zoologische Notizen einer Nepalreise. *Milu, Berlin* 13 (5): 748-773
- Borneo Rhino Sanctuary (BRS) Programme, 2014. Six-monthly report (no.17-18): covering the period January to June 2014. Kota Kinabalu, Borneo Rhino Alliance, pp. 1-9
- Davies, G.; Payne, J., 1982. A faunal survey of Sabah. Report by World Wildlife Fund Malaysia for Game Branch, Forest Dept. Sabah, pp. 1-294
- Dinerstein, E., 2013. *The kingdom of rarities*. Washington, Island Press
- Ellis, S.; Ivy, J.; Ramono, W.S., 2011. Future directions towards the persistence of the captive Sumatran rhino population: discussion paper. Report to IRF, 24 January 2011, pp. 1-30
- Environmental Investigation Agency, 2013. *Vietnam's illegal rhino horn trade: undermining the effectiveness of CITES*. London, EIA, pp. 1-12
- Hegener, M., 2010. De eisprong van de neushoorn. *NRC Handelsblad* 27 October 2010
- Hendrie, D., 2014. On the Vietnamese frontline. *Zooquaria (EAZA)* no. 86: 26-27
- John W. Kimball Learning Center P.S.107, 2014. *Andatu: one special rhino*. Brooklyn N.Y., pp. 1-36
- Johnson, D., 2013. *Narayani, the unicorn of Nepal: a rhino tale*. Denver, Dave Johnson, pp. 1-38 .
- Johnson, L., 2014. *Breaking the Brand of rhino horn in Viet Nam: the first 12 months*. Melbourne: Breaking the Brand, pp. 1-21 .
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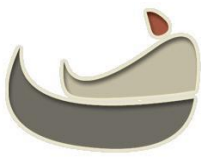


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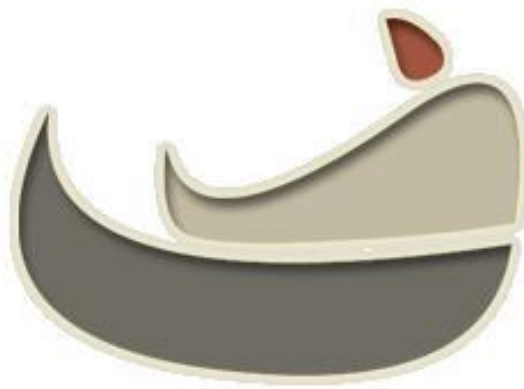
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