

RHINO RESOURCE CENTER

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NEWSLETTER #50 JANUARY 2018

Dear colleagues and friends,

This is the 50th 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 **22,470**. This is an increase of 340 items in the last quarter. Over 22,200 references are **available** as PDF on RRC website

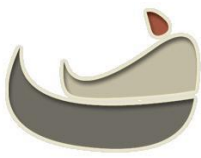


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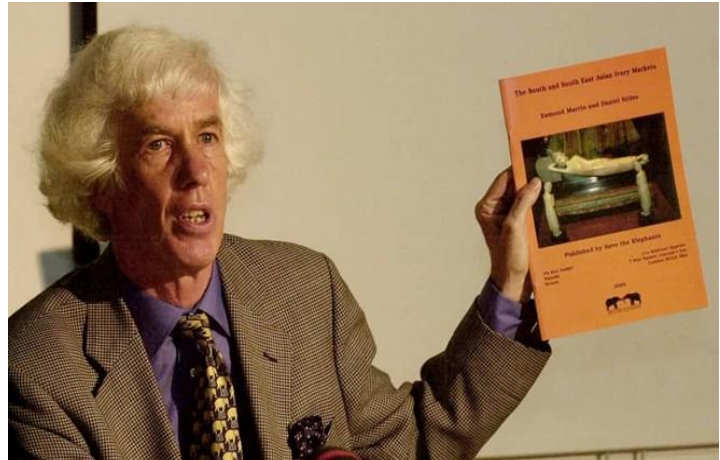
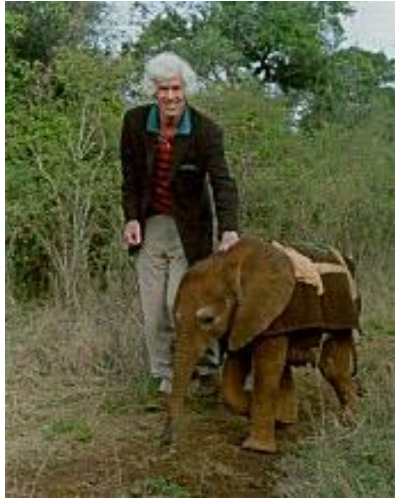
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The Rhino Resource Center is a Charity (Registered KvK Utrecht 30185802)
Board Members: Tineke van Strien, Prof. Robert Visser, Dr. Esmond Bradley Martin
Founding Chairman: Dr. Nico J. van Strien



ESMOND BRADLEY MARTIN (17 APRIL 1941 – 4 FEBRUARY 2018) – REST IN PEACE

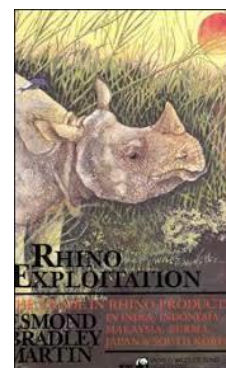
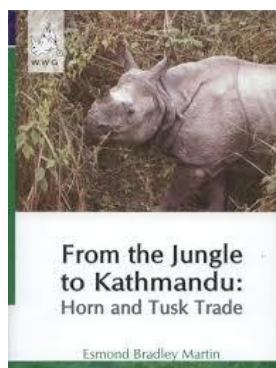
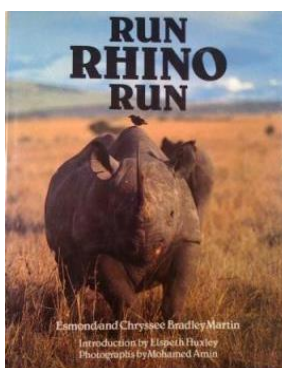


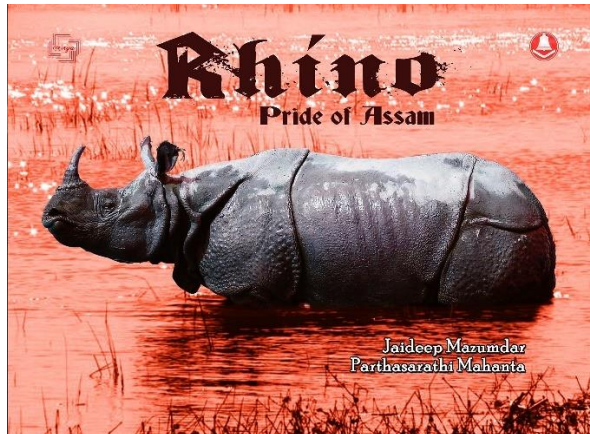
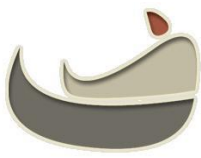
Esmond was a special man who dedicated his life to monitor and survey the trade in ivory and rhino horn. From his home in Nairobi, he travelled to many destinations off the beaten track in search of information on the illegal trade in wildlife products. He would then lobby governments and conservation agencies urging for action. He never missed a chance to write down his findings and to publish them, creating an impressive list of books, reports and articles, which will stand as a tribute to his passionate research. Many papers are available on the RRC and a list of his rhino publications is [here](#).

His life was cut short by a meaningless act of cowardice. Tributes of his life are manifold and stress how important Esmond was in the conservation world.

Esmond was a respected Board Member of the Rhino Resource Center. He was also a personal friend. His wife Chryssee and himself would always make time to meet up once a year whenever our paths might cross somewhere in the world. Those were special times to be able to discuss issues with such a knowledgeable expert.

Esmond had special expertise which will be impossible to replace. He will be sorely missed by his family, friends and colleagues.



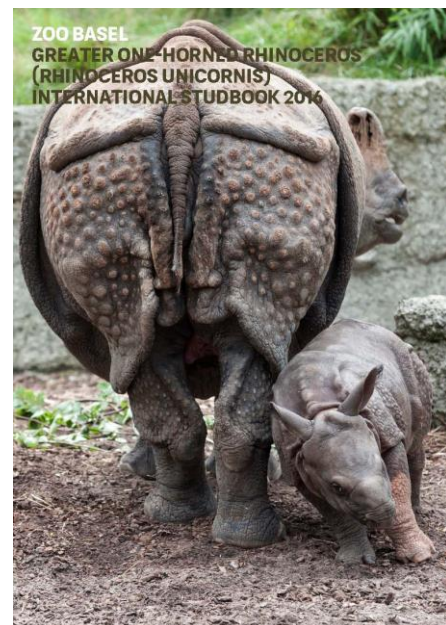


RHINO – PRIDE OF ASSAM

Parthasarathi Mahanta and Jaideep Mazumdar are two journalists who set out to tell the story of the rhinoceros as the symbol of the state of Assam. It is a book with great pictures of this iconic animal, large size, 133 pages.

INDIAN RHINOCEROS STUDBOOK OF ZOO SPECIMENS

The Basel Zoo has consistently collected data on all Indian rhinos (*Rhinoceros unicornis*) in the zoos of the world. The series of published studbooks shows a thorough and professional approach, which is an example for other studbook keepers of various species. The studbook lists all animals kept from early days to the present. The current issue of data of 31 December 2016 list 223 animals (118 males, 104 females) currently alive in 82 institutions. All zoos are urged to keep the studbook keepers informed.



RHINO IMAGES - ART AND THE RHINOCEROS – BY FILDES, 2017

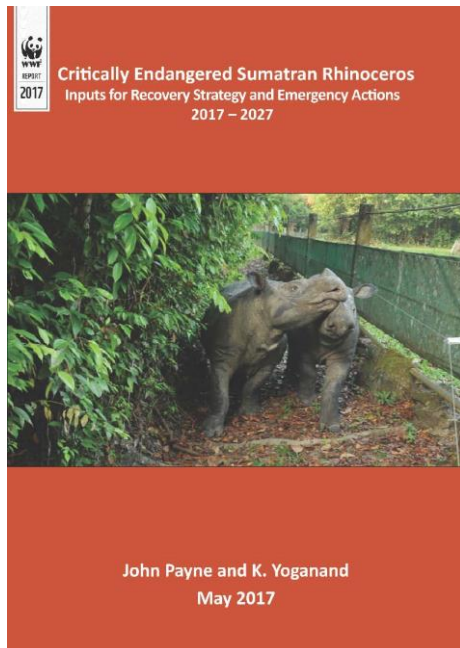
Exclusive on the Rhino Resource Center

Through the kindness of Lorraine and Robert Fildes of Sydney, Australia, their recent book on the rhinoceros in art and popular culture is now universally available, free of charge. The book has many amazing photographs of rhinos in zoos and in a variety of works of art. It can be read or downloaded from this [link](#).





¿ CAN WE STILL SAVE THE SUMATRAN RHINOCEROS ?



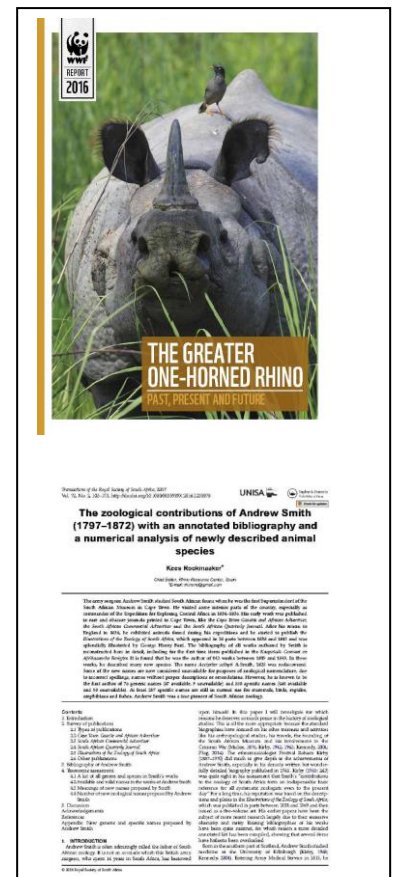
The Sumatran Rhinoceros is on the brink. We are so used to hear about animals being endangered and on the way to extinction, that it is almost impossible to fathom that the species is not going to survive at all if nothing is done. The white rhinoceros of Central Africa has disappeared from the wild even though we knew. There is no debate, the Sumatran rhinoceros is really not going to continue living on this earth for much longer, the habitat is fragmented, poachers are active, breeding is.

**TOGETHER WE MUST
SAVE THE SUMATRAN RHINO**

We must act now, and John Payne and Kandasamy Yoganand have given us a plan which should lead to recovery. It won't be easy, tough decisions must be taken, and this needs to be done now. Our time is running out, let's work together and do it.

RHINO RESOURCE CENTER EDITOR'S PUBLICATIONS

- Rookmaaker, L.C.; Sharma, A.; Bose, J.; Thapa, K.; Dutta, D.; Jeffries, B.; Williams, A.C.; Ghose, D.; Gupta, M.; Tornikoski, S., 2017. *The Greater One-Horned Rhino: past, present and future*. Gland, Switzerland, WWF, pp. 1-36.
- Rookmaaker, L.C., 2016. The correct name of the south-central black rhinoceros is *Diceros bicornis keitloa* (A.Smith, 1836). *African Zoology* 51 (2): 117-119.
- Grouw, H.van; Dekkers, W.; Rookmaaker, L.C., 2017. On Temminck's tailless Ceylon Junglefowl, and how Darwin denied their existence. *Bulletin of the British Ornithologists' Club* 137 (4): 261-271.
- Rookmaaker, L.C., 2017. The zoological contributions of Andrew Smith (1797–1872) with an annotated bibliography and a numerical analysis of newly described animal species. *Transactions of the Royal Society of South Africa* 72 (2): 105-173.
- Rookmaaker, L.C., 2017. Andrew Smith. *Newsletter of the Society for the History of Natural History* no.111 (January): 14.
- Rookmaaker, L.C., 2017. On the date of issue of No. 5 of the South African Quarterly Journal containing new zoological names proposed by Andrew Smith - 1831 or 1832. *The Linnean* 33 (1): 13-16.





OUR SPONSORS

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[INTERNATIONAL RHINO FOUNDATION](http://www.internationalrhinofoundation.org)



[SAVE THE RHINO](http://www.savetherhino.org)

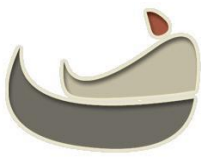


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We are grateful to all individuals who show their appreciation by their donation.
Thank you very much.

*The Rhino Resource Center is a registered charity.
We need your assistance to provide our service to all rhino lovers worldwide.*



CONTENTS OF THE RHINO RESOURCE CENTER

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

RRC	2017 March	2017 June	2017 Sept	2017 Dec	2018 Feb	ANNUAL INCREASE
References	20,920	21,290	21,550	22,130	22,465	+ 1545
PDF files	20,600	20,990	21,265	21,850	22,200	+ 1800
Images	3,910	3,966	3,995	4,040	4,085	+ 175
Members	3,300	3,389	3,516	3,715	3,920	+ 620

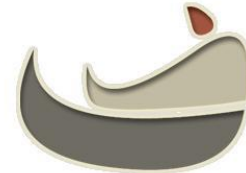
I thank everybody who has helped us by sending copies of books and papers.

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 (finalized 27 February 2017)

In this quarter (December 2017 to February 2018), we have added 340 new references, to bring the total number of items in the database to **22,470**.

Of these, 22,200 or 99 percent are available as PDF and searchable.

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

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

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

NEW GENERAL PUBLICATIONS

- Anonymous, 2017. Colin Peter Groves (1942-2017): 2 pp., 2 photographs.
- Barichievy, C.; Munro, L.; Clinning, G.; Whittington-Jones, B.; Masterson, G., 2017. Do armed field-rangers deter rhino poachers? An empirical analysis. *Biological Conservation* 209: 554-560.
- Bush, M.; Citino, S.B.; Lance, W.R., 2011. The use of butorphanol in anesthesia protocols for zoo and wild animals. In: *Fowler's Zoo and Wild Animal Medicine: Current therapy 7th edition*: 596-603, 2 tables.
- Chen, F., 2017. The economics of synthetic rhino horns. *Ecological Economics* 141, 180-189.
- Dorfman, E.J., 2018. Elephants and ivory: coordinating natural history museum action to address wildlife crime. *Curator: the museum journal* 61 (1): 133-145.
- Fildes, Lorraine; Fildes, Robert, 2018. *Rhino images: art and the rhinoceros*. Sydney, Ships Worldwide Pty. Ltd., pp. 1-254.
- Grouw, H.van; Dekkers, W.; Rookmaaker, L.C., 2017. On Temminck's tailless Ceylon Junglefowl, and how Darwin denied their existence. *Bulletin of the British Ornithologists' Club* 137 (4): 261-271, figs. 1-7.**
- Hildebrandt, T.B.; Saragusty, J., 2014. Use of ultrasonography in wildlife species. In: *Fowler's Zoo and Wild Animal Medicine 8th edition*: 714-723, 3 figures.
- Hilsberg-Merz, S., 2007. Infrared thermography in zoo and wild animals. In: *Fowler's Zoo and Wild Animal Medicine: Current therapy 6th edition*: 20-32, 17 b-w figures, 4 color plates.
- Karesh, W.B., 2007. Biopsy darting. In: *Fowler's Zoo and Wild Animal Medicine: Current therapy 6th edition*: 105-109, 5 figures, 4 plates.
- Miller, M.A., 2007. Current diagnostic methods for tuberculosis in zoo animals. In: *Fowler's Zoo and Wild Animal Medicine: Current therapy 6th edition*: 10-19.
- Popescu, A., 2017. Legal trade in rhino horn could dwarf illegal one. *New Scientist* 236 (3150), 2017 November 4: 7.
- Robin des Bois, 2017. Notes on rhinoceros poaching. *On the Trail (Information and analysis bulletin on animal poaching and smuggling)* no.15: 74-87.



General Publications – continued

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- Rookmaaker, L.C., 2017. The zoological contributions of Andrew Smith (1797–1872) with an annotated bibliography and a numerical analysis of newly described animal species. *Transactions of the Royal Society of South Africa* 72 (2): 105-173 - [dx.doi.org/10.1080/0035919X.2016.1230078](https://doi.org/10.1080/0035919X.2016.1230078).
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- Shao Jianhong; Zhao Fuzhen; Luo Baozheng; Bo Qingru; Sha Caihua; Liao Xiuyun; Xu Hainie; Zhuhai, 2016. Establishment of PCR assay for the detection of rhinoceros-derived ingredients. *Chinese Journal of Wildlife* 2016 (4): 316-320.
- Traffic, 2017. Seizures and prosecutions: rhinoceros. *Traffic Bulletin* 29 (2): 78.

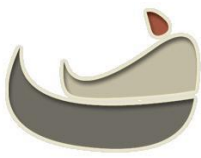
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- Anonymous, 2018. Black rhino births in Kenya exceed number lost to poachers. *Swara* January-March 2018: 23.
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- Bouwens, N., 2002. Not your typical rhino and giraffe enrichment. *The Shape of Enrichment* 11 (4) November: 4-5, 6 figures.
- Cole, G.C.; Tordiffe, A.S.W.; Steenkamp, G., 2017. Assessment of a portable lactate meter for field use in the white rhinoceros (*Ceratotherium simum*). *Onderstepoort Journal of Veterinary Research* 84 (1): <https://doi.org/10.4102/ojvr.v84i1.1399> 1-10, 3 tables, 2 figures.
- Cooney, S.; Roe, D.; Dublin, H.; Phelps, J.; Wilkie, D.; Keane, A.; Travers, H.; Skinner, D.; Challender, D.W.S.; Allan, J.R.; Biggs, D., 2017. From poachers to protectors: engaging local communities in solutions to illegal wildlife trade. *Conservation Letters* 10 (3): 367-374.
- Crowley, G., 2018. Evaluation of biochemical data collected from chemically immobilised semi-captive Southern White Rhinoceros (*Ceratotherium simum*) in the Eastern Cape, South Africa. M.Sc Thesis presented to Royal Veterinary College and Zoological Society of London, pp. 1-38.
- Dalerum, F.; Miranda, M.; Muniz, C.; Rodriguez, P., 2018. Effects of scarcity, aesthetics and ecology on wildlife auction prices of large African mammals. *Ambio* 47: 78-85.
- Dierenfeld, E.S.; Clauss, M., 2007. The nutrition of "browsers". In: *Fowler's Zoo and Wild Animal Medicine: Current therapy vol. 6*: 444-454, 5 tables.



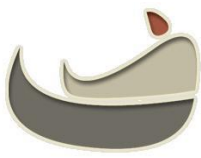
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- Duncan, N.; SAVE Foundation of Australia, 2017. News and events - Special 30th Anniversary Pictorial Edition. *Newsletter of the SAVE Foundation of Australia* 31 (2): 1-24.
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- Glynatsi, N.E.; Knight, V.; Lee, T.E., 2017. An evolutionary game theoretic model of rhino horn devaluation. Private paper, pp. 1-23.
- Gomez, M.C.; Cates, Y.; Stansfield, D.B.; Young, C.; Klee, R.; Durrant, B., 2017. Morphological appearance and expression of spermatogonial stem cell markers in white rhinoceros testicular tissue. *Reproduction, Fertility and Development* 30 (1): 233-234 -doi.org/10.1071/RDv30n1Ab187.
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- Koen, H.S., 2017. Predictive policing in an endangered species context: combating rhino poaching in the Kruger National Park. Thesis presented to the University of Pretoria, pp. 1-221.
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- Levy, M.P., 2018. Works of art and ivory: what are the issues?. *Curator: the museum journal* 61 (1): 47-60.
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- Rademeyer, J., 2017. An unwinnable war: rhino poaching in the Kruger. In: Reitano, T., Jespersen, S., Bird Ruiz-Benitez de Lugo, L., *Militarised Responses to Transnational Organised Crime: the war on crime*, pp. 43-59.
- Rademeyer, J., 2017. *Diplomats and deceit: North Korea's criminal activities in Africa*. Johannesburg, The Global Initiative against Transnational Organized Crime, pp. 1-40.
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- Ryder, O.; Hermes, R.; Goeritz, F.; Durrant, B.; Stejskal, J.; Hrudý, J.; Vahala, J.; Loring, J.F.; Hildebrandt, T.B., 2015. The plight of northern White rhinoceros (*Ceratotherium simum cottoni*): Is there still hope to prevent extinction? (abstract). In: *Proceedings of the International Conference on diseases of zoo and wild animals* (May 13-16) Barcelona: 75.
- 't Sas Rolfes, M., 2017. African wildlife conservation and the evolution of hunting institutions. *Environmental Research Letters* 12: 1-16 - doi.org/10.1088/1748-9326/aa.9326/aa.
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- USA House Judiciary Committee, 2017. Public hearing: House bill 248 - import, sales, purchase, barter of ivory or rhinoceros horn. Philadelphia, 2-24-2017, pp. 1-99.
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- Ververs, C.; Zijl Langhout, M. van; Hostens, M.; Otto, M.; Govaere, J.; Durrant, B.; Van Soom, A., 2017. Reproductive performance parameters in a large population of game-ranched white rhinoceroses (*Ceratotherium simum simum*). *PLoS ONE* 12(12): e0187751: 1-13.



African Rhinos – continued

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- Wildlife and Environment Zimbabwe, 2017. Matabele Branch. 2017 *Game census for Hange National Park and surrounding areas*. Harare, WEZ: pp. 1-135.
- Willis, D., 2018. Karen Laurence-Rowe, wildlife artist and photographer. *Swara* January-March 2018: 76-79.

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- Basel Zoo; Houwald, F.von; Pagan, O.; Rieches, R., 2016. *International studbook for the greater one-horned or Indian rhinoceros, Rhinoceros unicornis, 31 December 2016*. Basel, Zoologischer Garten, pp. 1-71.
- Bhattacharya, A.; Chakraborty, K., 2017. Why do Indian Rhinos eat elephant grasses. *International Journal of Trend in Research and Development* 4 (5): 355-357.
- Borneo Rhino Sanctuary (BRS) Programme, 2016. Captive management of Sumatran rhinoceros (*Dicerorhinus sumatrensis*): Tabin Wildlife Reserve. Kota Kinabalu, Borneo Rhino Alliance – reports for August-September, September-October, October-November and December 2016.
- Borneo Rhino Sanctuary (BRS) Programme, 2017. Captive management of Sumatran rhinoceros (*Dicerorhinus sumatrensis*), April 2017: Puntung case report. Kota Kinabalu, Borneo Rhino Alliance, pp. 1-2.
- Borneo Rhino Sanctuary (BRS) Programme, 2017. Puntung post-mortem report. Kota Kinabalu, Borneo Rhino Alliance, pp. 1-4.
- Borneo Rhino Sanctuary (BRS) Programme, 2017. Tissues and other specimens taken from Puntung post-mortem on 4 June 2017, for advanced reproductive technology and other purposes. Kota Kinabalu, Borneo Rhino Alliance, pp. 1-4.
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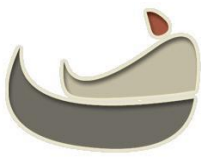
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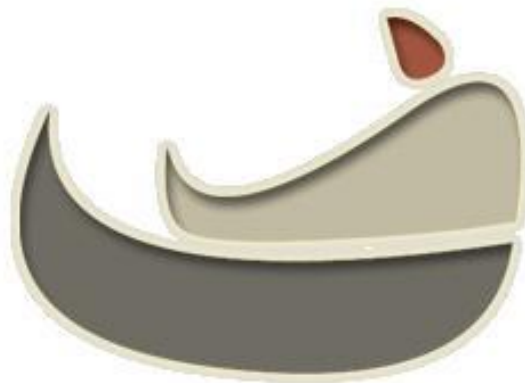


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