

RHINO RESOURCE CENTER

www.rhinoresourcecenter.com

NEWSLETTER #53 DECEMBER 2018

Dear colleagues and friends,

This is the 53rd 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 **23,050**. This is an increase of 200 items in the last quarter. Over 22,800 references are **available** as PDF on RRC website



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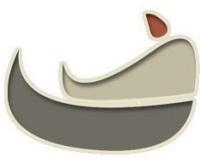
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The Rhino Resource Center is a Charity (Registered KvK Utrecht 30185802)

Board Members: Tineke van Strien, Prof. Robert Visser,

Dr. Kees Rookmaaker, Dr. Edgar Turner

Founding Chairman: Dr. Nico J. van Strien



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OUR EXECUTIVE TEAM

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

SPECIALIST EDITORS:

Emmanuel Billia (Italy)
Jim Monson (France)

Dan Ziegler (USA)
Athanassios Athanassiou (Greece)

THE BOARD OF THE RHINO RESOURCE CENTER

The RRC was registered as a charity in The Netherlands in 2004. It was set up to provide access to the wide-ranging collection of rhino literature assembled over many years in libraries across the world by Kees Rookmaaker. At that time Nico van Strien and his son Willem were instrumental in setting up the website.

We decided the most transparent way forward would be to register the RRC as a charitable organization. It would allow others to help us with small donations. There are many other benefits in having a board to advice on progress.

Nico van Strien was our first chairman, until he passed away in 2008. He was joined by Rob Visser, emeritus professor of the history of natural history, who has taken on the roles of both secretary and treasurer. Esmond Bradley Martin also joined the board, and sadly he also was taken from us this year.

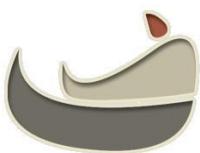
The RRC has been fortunate that Nico's widow Tineke van Strien was able to take over the position of chairman. She was always involved in Nico's work on rhinos in Sumatra and elsewhere.

At the moment we are in the process of adding to our board Dr Edgar Turner, lecturer at the University of Cambridge and Curator of Insects in the Museum of Zoology. He is a conservation scientist with general interest in tropical forests.

Willem van Strien continues to monitor the accessibility of the website.

We all believe that it is essential that conservation workers in the range states, and scientists across the world, are able to keep up with the latest developments around the world. Good science is the gateway to good conservation. If the RRC is used properly, it will bring better results and save many days of library or internet searches and therefore great savings in project costs. Thanks to our main sponsors, the RRC is free and accessible across the globe, for anybody interested in any topic relating to the rhinoceros.





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Indian rhinoceros
Saitaro in
Amsterdam Zoo
sketched by Gert
Bogels, 1983

OUR VOLUNTEER SPECIALIST EDITORS

It takes a special person to be one of the specialist editors of the RRC. There are several of these special persons whose contributions to the RRC are invaluable for many different reasons. The editors source and upload either new literature or new images to our database in their unique field of interest. All our editors are volunteers, some adding many items a month, some adding new material occasionally, but each and every one of these references is bound to help the public that is using the RRC on a daily basis. We are happy to have quite a few editors on our list because it makes the website richer and easier to use. These people love rhinos, they love to research rhinos, they love to care for rhinos, they love to see rhinos. But the editors have gone one step further and asked to be able to add new items to our database whenever they are found. As we all work in our private environments, it often seems a thankless task, we all work in isolation, and although many small contributions make one big website, it is not always easy to consider that as we add sometimes very obscure items. So the editors show amazing perseverance, great knowledge and a willingness to share with others having similar interests. As chief editor it is really nice to know that there are people that can be called upon when needed and that we form a team. Because our work is always ongoing, it is true that we rarely stop to say thank you and acknowledge how important and how useful the contributions of each of these special people truly are. The RRC works for the benefit of research and conservation, and for that reason the editors each to their share to save these animals for future generations.

Thank you all for your input, sharing of knowledge and constant efforts to improve the contents of the RRC.

Kees Rookmaaker

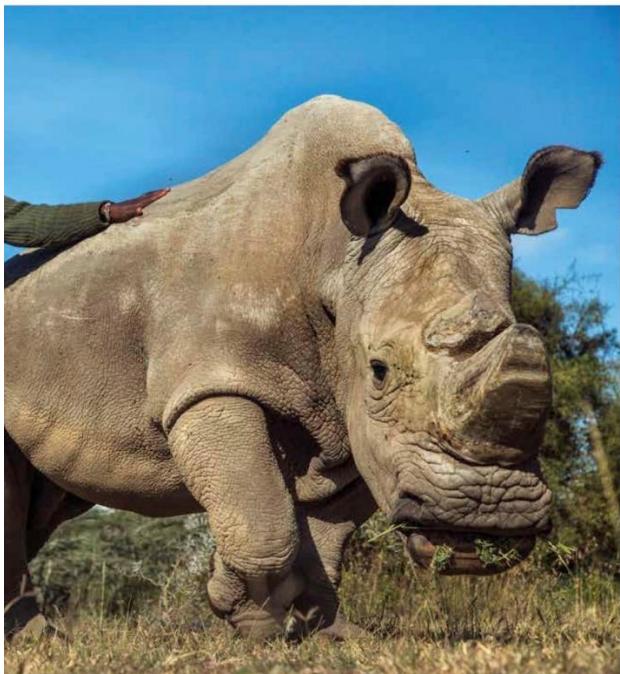


NOW PUBLISHED: PACHYDERM 59 – 2018

Pachyderm

July 2017 - June 2018

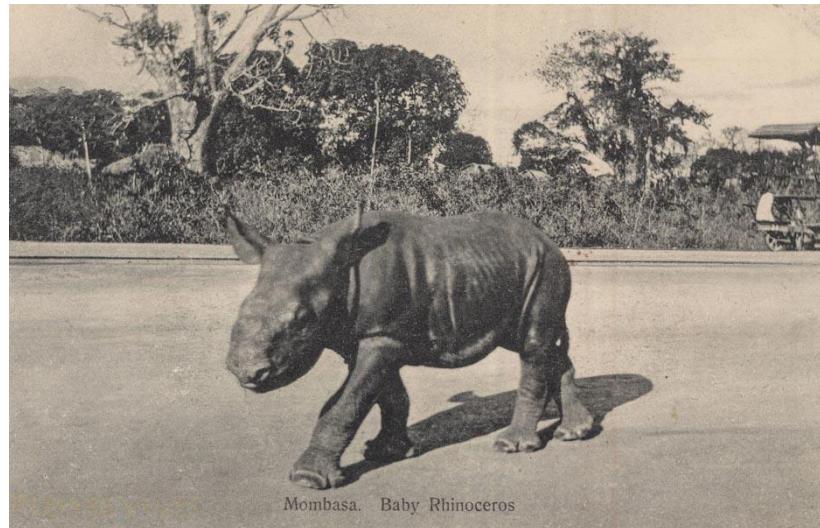
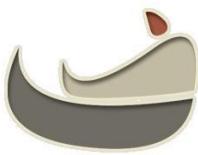
Number 59



Cover: The world's last male northern white rhinoceros Sudan died on the 31 March 2018 at the age of 45 from age-related complications. Sudan was born in Shambe Game Reserve, now southern Sudan, and exported to the Dvůr Králové Zoo in former Czechoslovakia in 1975 together with five other rhinos. In 2009 following intervention by the AfRSG it was recommended that Sudan and his group were moved to a more natural environment to potentially enhance breeding at the Ol Pejeta Conservancy, Kenya. Sadly, breeding has not been successful. The northern white rhino was declared extinct in the wild by 2010. There are only two remaining captive northern white rhino in the world - Sudan's daughter, Najin and grand-daughter, Fatu.

Issue 59 of *Pachyderm*, the journal of three IUCN/SSC Specialists Groups combined (African Elephant, African Rhino and Asian Rhino), was published in September 2018. It was edited by Susie Goss, with assistance of Lydia Tiller (elephants) and Kees Rookmaaker (rhinos). All contributions are peer-reviewed.

Available free online: <http://www.pachydermjournal.org/index.php/pachy>
It contains several exciting new papers on rhinos in Africa and Asia:
Knight, M.H., 2018. African Rhino Specialist Group report.
Talukdar, B.K., 2018. Asian Rhino Specialist Group report.
Hillman-Smith, K., 2018. Sudan: death of an iconic rhino.
Hillman-Smith, K., 2018. Wildlife and warfare: a case study of pachyderms in Garamba National Park, DRC.
Patton, F.; Campbell, P.E.; Genade, A., 2018. Observations on the 24-hour clock, reproduction and gestation periods of the white rhinoceros at Ziwa Rhino Sanctuary, Uganda.
Patton, F.; Campbell, P.E.; Genade, A., 2018. The effect of dehorning adult male rhinos on the frequency of fighting at Ziwa Rhino Sanctuary.
King, T.; Beer, P., 2018. Rhinos, elephants and The Aspinall Foundation: over 30 years of captive-breeding, reintroduction and conservatio.
Weitzer, F., 2018. Obituary: Krisztián Gyöngyi – The world steps aside for a man who knew where he was going.
Milliken, T., 2018. Obituary: Esmond Martin.

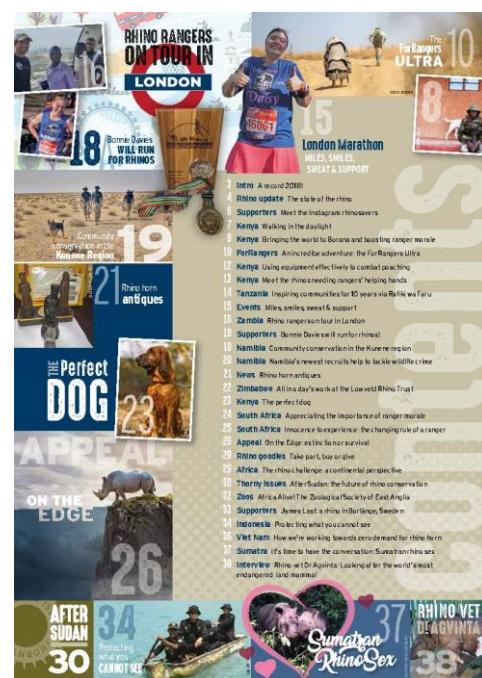
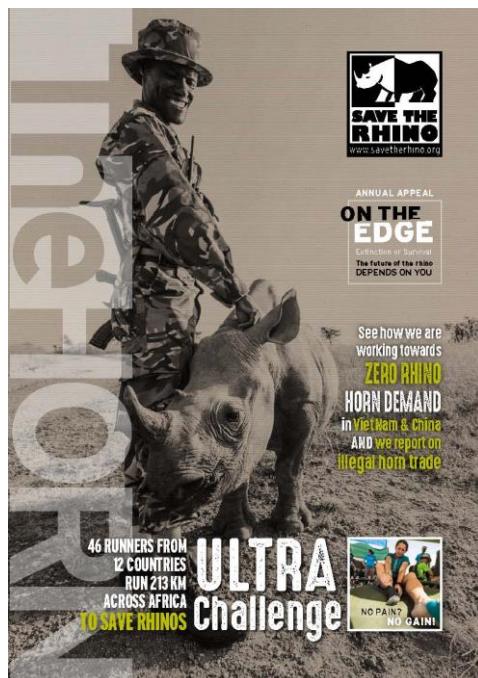


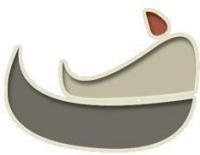
Mombasa. Baby Rhinoceros

THE HORN – SAVE THE RHINO INTERNATIONAL – ISSUE FOR 2018

Save the Rhino International, based in London does great things for rhino conservation around the world. Some of their projects are highlighted in their magazine. Here's what they said: It's been an incredible year for us at Save the Rhino and we're excited to share some of our most memorable stories with you from across all of our field programmes, with our latest supporter magazine, [The Horn](#). This year's edition also brings inspiring articles from Save the Rhino members, partners and fundraisers, without whom we would not be able to continue our vital work.

- Individual items in the journal are also catalogued on the RRC.





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OUR SPONSORS

The board and staff of the Rhino Resource Center gratefully acknowledge the support of our main sponsors:



SOS RHINO



INTERNATIONAL RHINO FOUNDATION



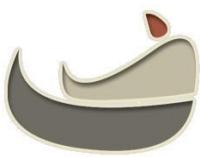
SAVE THE RHINO



RHINO CARHIRE

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.*



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CONTENTS OF THE RHINO RESOURCE CENTER

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

RRC	2017 Dec	2018 March	2018 June	2018 Sept	2018 Dec	ANNUAL INCREASE
References	22,130	22,465	22,635	22,850	23,050	+ 920
PDF files	21,850	22,200	22,375	22,578	22,800	+ 950
Images	4,040	4,085	4,115	4,162	4,231	+ 191

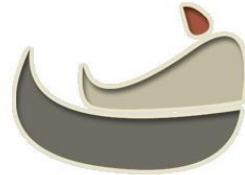
I thank everybody who has helped us by sending copies of books and papers.

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**](#)

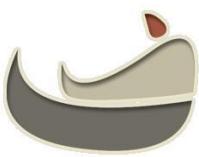


The Rhino Resource Center is an essential tool for

- 👉 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 30 November 2018)

In this quarter (September to November 2018), we have added 200 new references, to bring the total number of items in the database to **23,050**.

Of these, 22,800 or 99 percent are available as PDF and searchable.

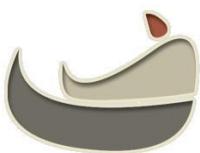
Below I have listed new entries published in the 21st century in four categories: General (all species), African rhinos, Asian rhinos and Fossil rhinos.

**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.

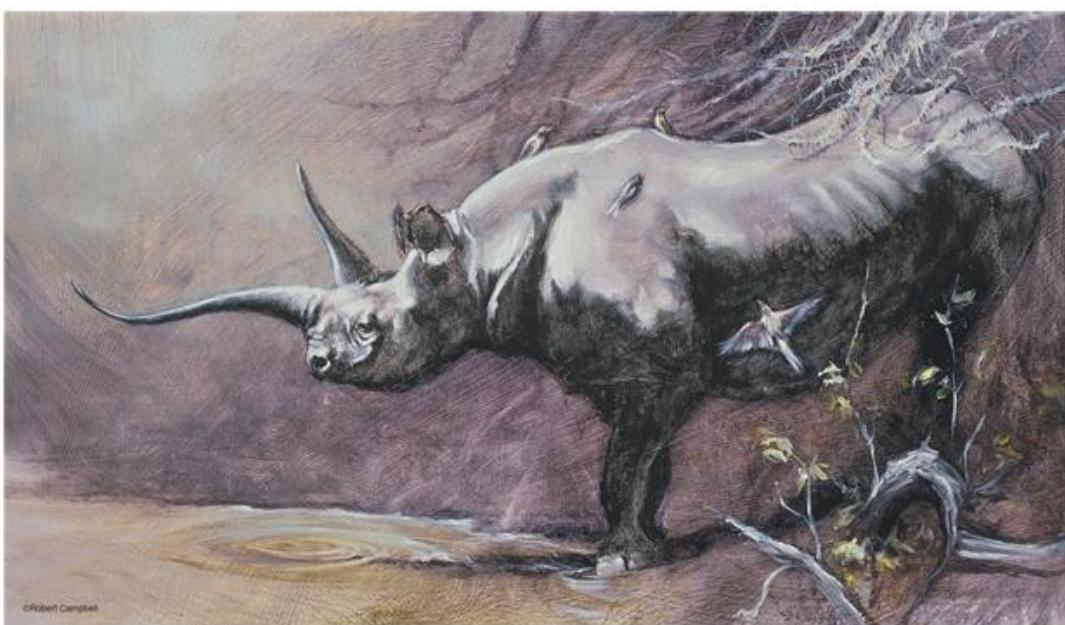
NEW GENERAL PUBLICATIONS

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- Blaszkiewitz, B., 1978. Reflexionen zur Haltung, Pflege und Zucht von Nashornern (Rhinocerotidae: Perissodactyla: Mammalia) in Zoologischen Garten, unter besonderer Berücksichtigung der Tiergarten im deutschsprachigen Raum. Thesis (Diplomarbeit) submitted to the Freie Universität, Berlin: pp. 1-111.
- Block, E., 2018. The Royal Antwerp Zoological Gardens: zoological treasures from its 175-year history. *Zoo Grapevine & International Zoo News* 47: 18-25.
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- Milner-Gulland, E.J., 2018. Documenting and tackling the illegal wildlife trade: change and continuity over 40 years. *Oryx* 52 (4): 597-598.
- Pennington, P.M.; Durrant, B.S., 2018. Assisted reproductive technologies in captive rhinoceroses. *Mammal Review* 2018 first view: 1-15.



General references – continued

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- Save the Rhino, 2018. Sounding the horn: our concerns around the UK trade in rhino horn antiques. *The Horn (Save the Rhino International)* 2018: 21.
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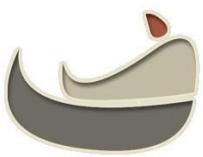


Gertie print

<http://www.unleashed.rocks/>

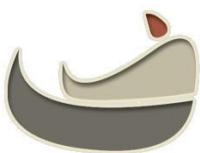
NEW PUBLICATIONS ON AFRICAN RHINOS

- Anderson, N., 2018. Zimbabwe: All in a day's work at the Lowveld Rhino Trust. *The Horn (Save the Rhino International)* 2018: 22.
- Anderson, T.M.; Ngoti, P.M.; Nzunda, M.L.; Griffith, D.M.; Speed, J.D.M.; Fossey, F.; Roskaft, E.; Graae, B.J., 2018. The burning question: does fire affect habitat selection and forage preference of the black rhinoceros *Diceros bicornis* in East African savannahs? *Oryx* 2018 first view: 1-10.
- Beytell, P., 2018. Namibia's newest recruits help to tackle wildlife crime. *The Horn (Save the Rhino International)* 2018: 20.
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African Rhinos – continued

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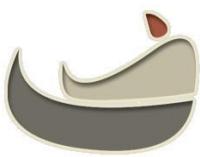


African Rhinos – continued

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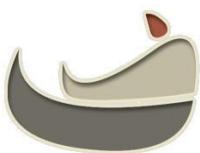


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African Rhinos – continued

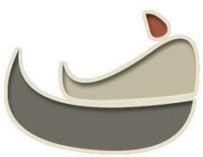
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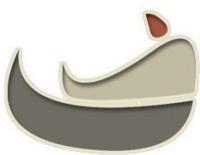
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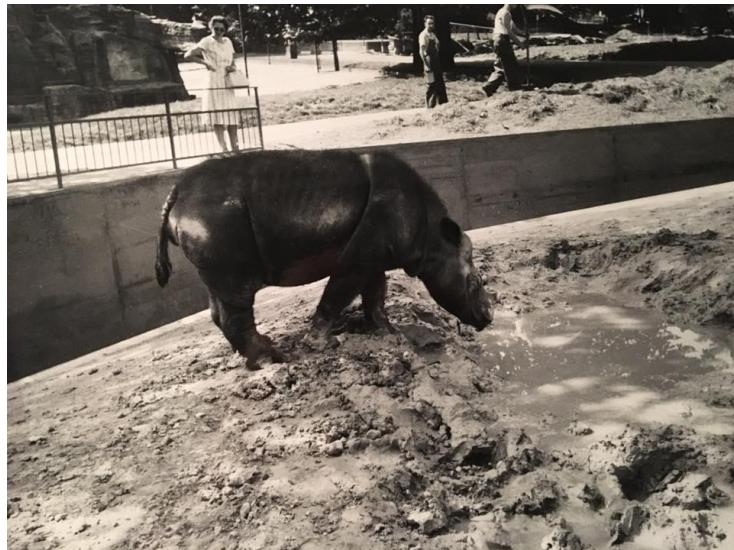
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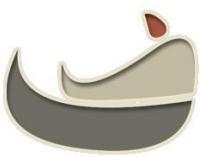


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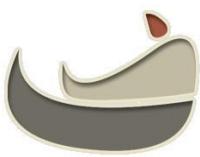


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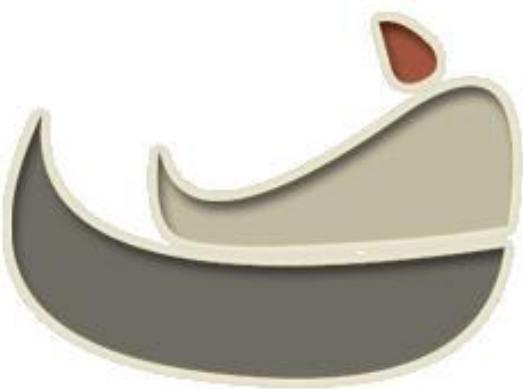


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Dr Kees Rookmaaker has actively worked on the biology and history of the rhinoceros for 50 years. He is a member of the IUCN-SSC Asian Rhino Specialist Group, and advisor to the EAZA Rhino TAG and to the International Rhino Foundation. He is the editor of the rhino section of *Pachyderm*. Author of eight books on African and Asian exploration and on the rhinoceros, as well over two hundred shorter publications, many in peer-reviewed journals. Until 2015, he worked as a Senior Research Fellow on [Darwin Online](#) and [Wallace Online](#) at the National University of Singapore. He was Secretary of the International Commission on Zoological Nomenclature (ICZN) for a short period in 2015. The Society for the History of Natural History awarded him their Founder's Medal, and he served in the Council for several years.