

#### **Network webinar**

#### **GBIF** Secretariat

7 MAY 2019



1530-1535 **Brief welcome**: agenda overview and intro *—Tim Hirsch* 

1535-1545 **Welcome message** —Joe Miller

1545-1600 **Shining a light on dark taxa**: Update on sequence-based data mobilization *—Dmitry Schigel* 

1600-1610 **Update on BID: Biodiversity Information for Development** *—Tim Hirsch* 

1610-1625 **Coming attractions** *—Kyle Copas* 

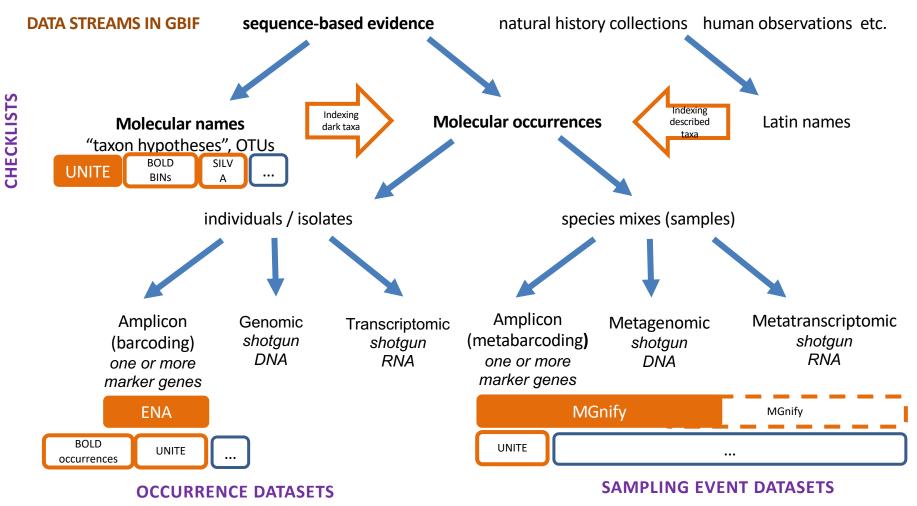
1625-1630 **Conclusion** 



# PLEASE HOLD FOR THE NEXT PRESENTATION

Next speaker coming up



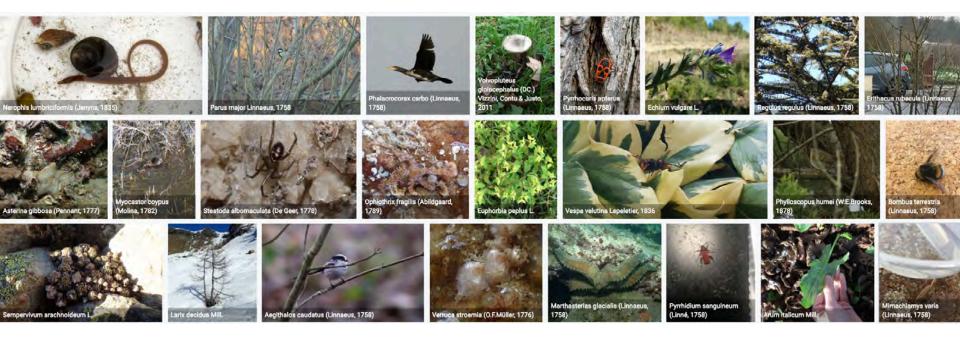


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# Update on BID and BIFA

Tim Hirsch, Deputy Director

#### **BIODIVERSITY INFORMATION FOR DEVELOPMENT (BID)**

**Overall objective:** Improved management of natural capital for human well-being; through increased application of biodiversity information as evidence for decision making



- €3.9 million grant under the EuropeAid Biodiversity for Life (B4Life) flagship umbrella programme, further €1m in-kind support from GBIF
- 63 projects selected in sub-Saharan Africa, Caribbean, Pacific (ACP) in 4 calls
- March 2019 final completion for all projects in this phase of BID









## **BUILDING A COMMUNITY OF PRACTICE**



- 7 Capacity enhancement workshops for funded projects 2015-2019
- Volunteer mentors from global community assist in face to face training, continue one-on-one remote support
- Today's trainees are tomorrow's mentors!
- Already re-used in Asia, Balkans, Russia/C Asia

#### Curricula developed in:

- Biodiversity data mobilization (plan digitization, understand standards, tools for sharing)
- Data use for decision making (data cleaning, modelling, mapping, Redlisting, mainstreaming to priority policy needs)















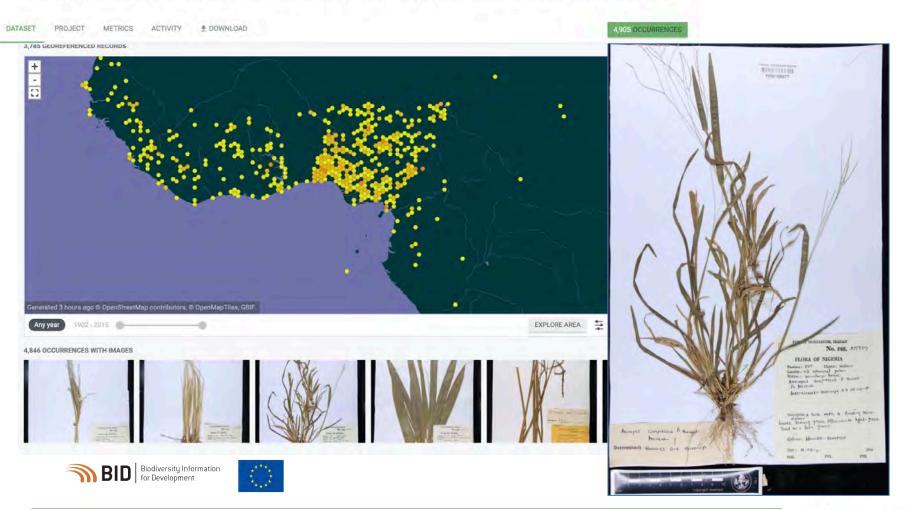
#### **OUTPUTS FROM BID PROJECTS**

OCCURRENCE DATASET | REGISTERED AUGUST 17, 2018

Grasses of the Forest Herbarium Ibadan (FHI) Nigeria

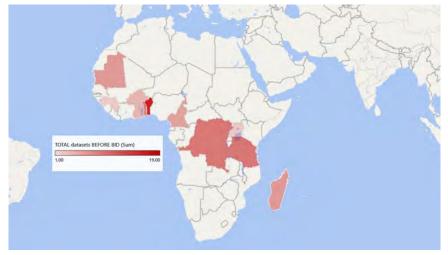
#### Published by Forestry Research Institute of Nigeria

🖾 Omokafe Ugbogu • Oluwaseun Osiyemi • Kehinde Adeniji • Tolulope Okanlawo • Temitope Soyewo • Temitope Oyebola • Emmanuel Chukwuma • Seyifunmi Aina • Akiniyi Odewo

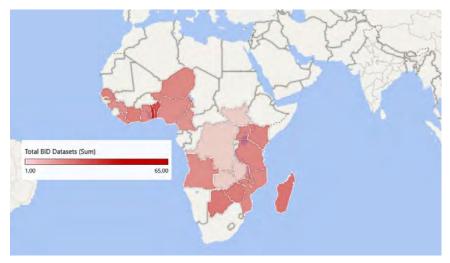


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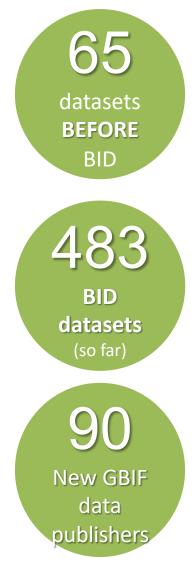
### **BID IMPACT IN SUB-SAHARAN AFRICA**



Datasets published by BID target countries before BID



Datasets published under a BID project ID so far

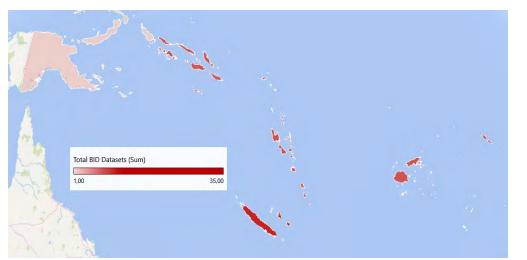




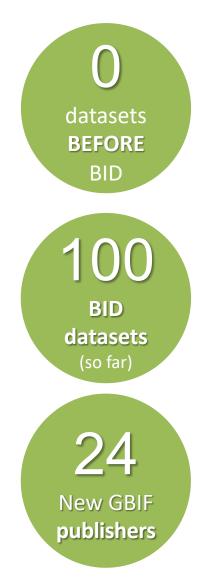
### **BID IMPACT IN THE PACIFIC**



Datasets published by BID target countries before BID



Datasets published under a BID project ID so far



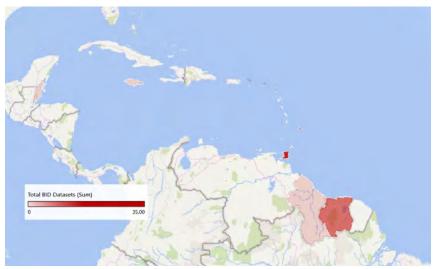


BID target countries in the Pacific: https://bid.gbif.org/en/calls/pacific-2016/eligible-countries/#pacific Data cut-off date: 25 April 2019

#### **BID IMPACT IN THE CARIBBEAN**



Datasets published by BID target countries before BID



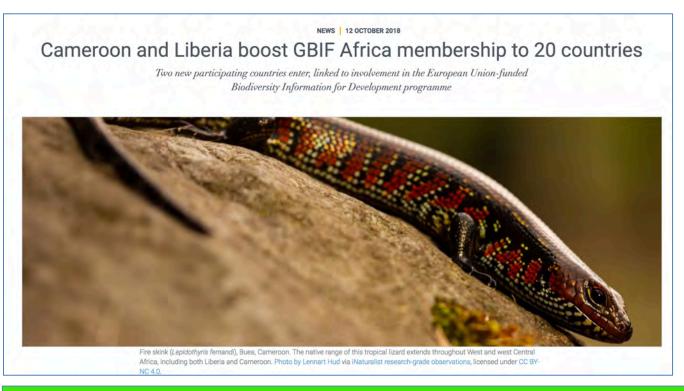
Datasets published under a BID project ID so far





BID target countries in the Caribbean: <u>https://bid.gbif.org/en/calls/caribbean-2016/eligible-countries/#caribbean</u> Data cut-off date: 06 February 2019

#### **EXPANDED GBIF MEMBERSHIP**



#### New countries and organizations joining GBIF during BID programme

- Angola
- Cameroon
- Democratic Republic of Congo
- Liberia
- Mali

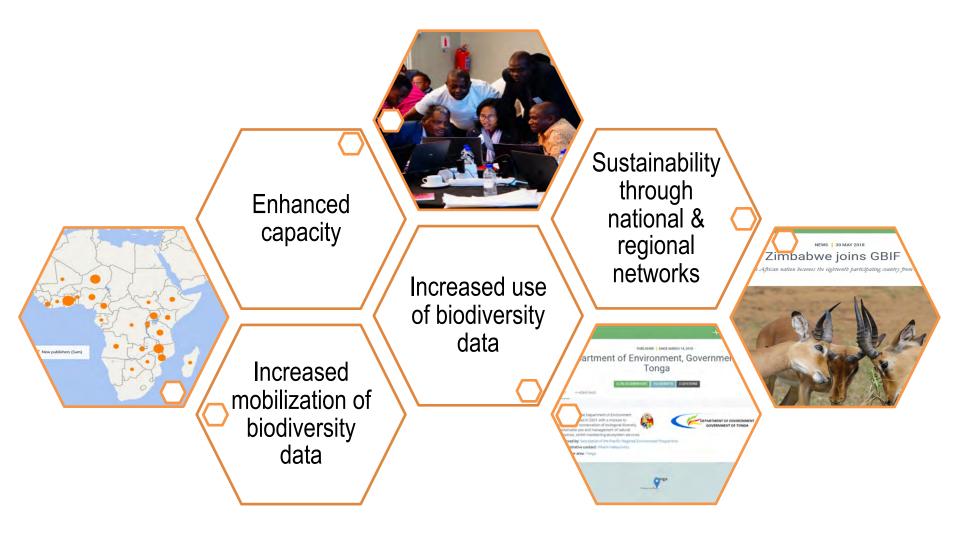
- Niger
- Nigeria
- South Sudan
- Zimbabwe
- SPREP



Deadline for all final reports 31 Mar 2019		Guiding examples of data use in decision making May 2019		Pacific phase 1 regional closing meeting Fiji 5-9 Aug 2019		BID phase 1 closing event Brussels 24-25 Sept 2019	
	BID impact study May 2019		Caribbean phase 1 regional closing meeting		Africa phase 1 regional closing meeting		
			Trinidad 24-28 Jun 2019		Cameroon 2-6 Sept 2019		



### **BID IMPACT STUDY**

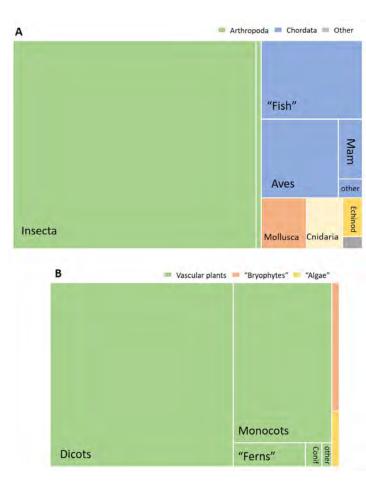




### **BID IMPACT STUDY (UNDER CONSTRUCTION)**

	# distinct scientific names published by BID				
Kingdom	Already in GBIF for reported country	New to GBIF for reported country	Total		
Animalia	19,967	14,203 (41.6%)	34,170		
Plantae	38,897	7,252 (15.7%)	46,149		
Bacteria	8	29 (78.4%)	37		
Fungi	46	87 (65.4%)	133		
Chromista	43	108 (71.5%)	151		
Viruses	0	2 (100%)	2		
Unknown	31	7 (18.4%)	38		
Total	58,992	21,688	80,680		

Of some 80 thousand species recorded in BID project datasets, **more than one-quarter** did not previously have records in GBIF.org for the country of occurrence





### **BID CONSULTATION**

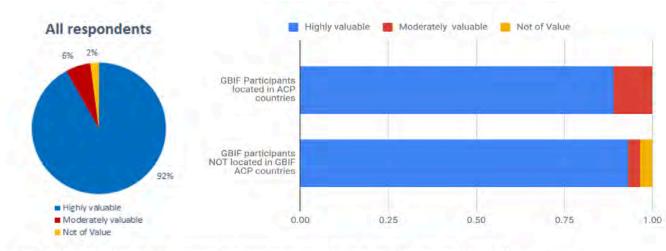


Fig. 1: How valuable do you perceive the BID programme to be for the BID target Region (ACP)?

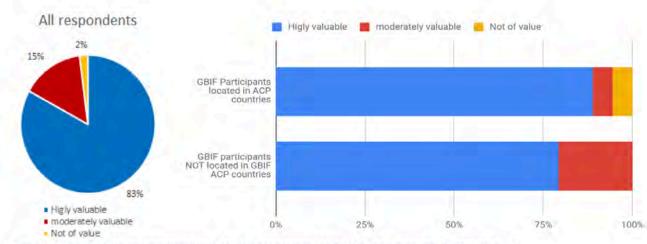


Fig. 2: How valuable do you perceive the BID programme to be for the whole GBIF community?

#### Respondents:

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- 47 GBIF
  Participants of which 18 are in
   BID target regions
  - 20 voluntary mentors/trainers



### **BID CONSULTATION**

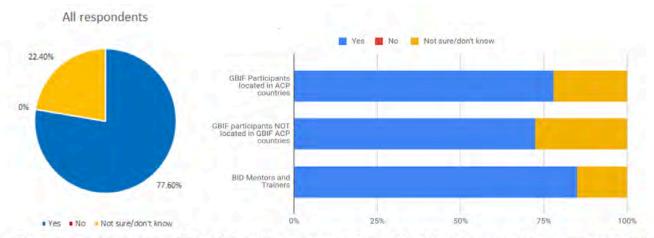


Fig. 3: In your view, is there sufficient demand to run a second phase of the BID programme within the same ACP regions sub-Saharan Africa (excluding South Africa), the Pacific Islands and the Caribbean—that are the focus of the first phase

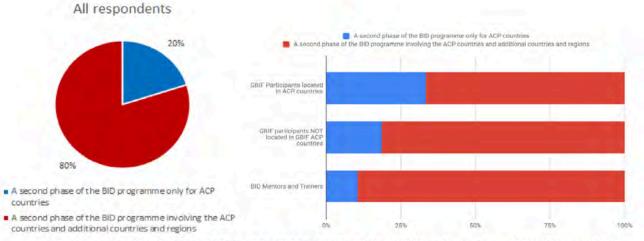


Fig. 5: If you support both a second phase of the BID programme that would focus on the same ACP regions and a BID programme that would involve a broader set of developing countries and regions, which would you prefer?

#### **Respondents:**

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- 47 GBIF
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Mid-Term Review of The 'Biodiversity Information for Development' project (DCI-ENV/2014/352603)

The outcome of this evaluation suggests that this project as a whole is (very) satisfactory, as it globally meets most of its objectives. The BID team has shown very positive results through the management of the capacity enhancement workshops and the establishment of the network of mentors, whose main role is to bring technical support to the funded projects. The participants and projects teams were very satisfied with the topics addressed and the general organization of these workshops (average score of 4.5/5 for all the 'data mobilization' workshops; the first 'data use' one will only be conducted in April 2018).



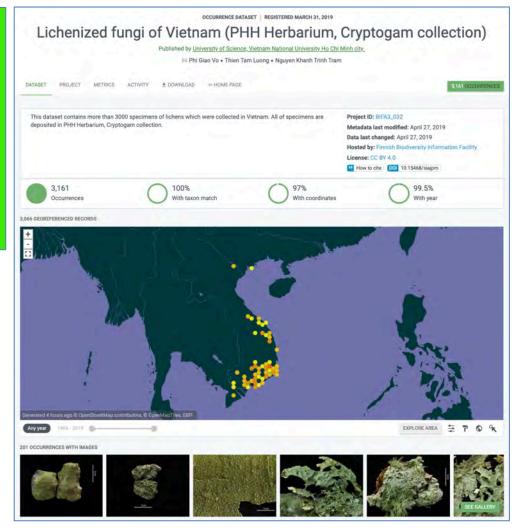




### **BIODIVERSITY INFORMATION FUND FOR ASIA**

BIFA 4 project call:

- 38 in-scope concept notes from 16 Asian countries/areas
- 17 invited to submit full proposals, 17 submitted, 9 selected
- Data mobilization workshop for funded projects/nodes (July)
- 5<sup>th</sup> round of BIFA confirmed by MoE-J







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## THE FOLLOWING PREVIEW HAS BEEN APPROVED FOR ALL AUDIENCES BY THE GBIF SECRETARIAT

**KYLE COPAS** COMMUNICATIONS MANAGER

www.gbif.org



#### Post-GBIC2 follow-up

- Report/paper published: <a href="https://doi.org/10.3897/BDJ.7.e33679">doi.org/10.3897/BDJ.7.e33679</a>
- Meeting website repurposed (with new one on the way!)
- Call issued (in 12 languages) for an *alliance for biodiversity knowledge* via email & Twitter (@AllianceforBio)
- Planning virtual conference to develop "defining questions" along with SYNTHESYS+ meetings on GBIO focal areas: opportunity to be involved as participants, curators & facilitators
- Support materials (flyers, PPT, video) in preparation
- GBIC2 steering committee Interim steering committee



## **DIGITAL DOCUMENTATION**

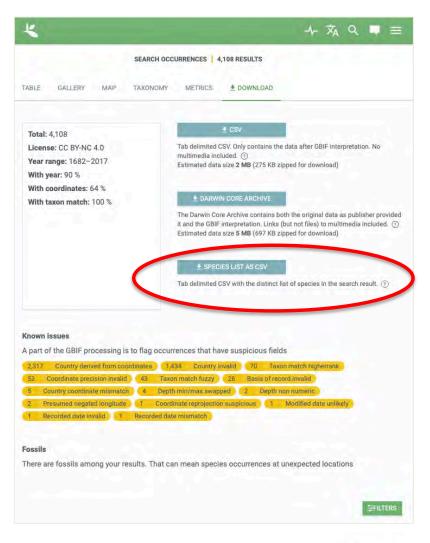
- Work programme item to 'establish system for reviewing, prioritizing, updating and creating new documentation to support GBIF data publishers and users" (lead: Laura Russell)
- Real-time system now publishing GitHub source material to HTML and PDF with full multilingual support
- Prototype example updates 'nodes guidance document'; call for updated translations coming very soon: <u>https://github.com/gbif/doc-effective-nodes-guidance</u>
- First of set of five VertNet publications—a Spanish-language guide to OpenRefine—is nearly ready for network peer review



### **SPECIES LIST DOWNLOAD**

#### New feature on GBIF.org:

- Run an occurrence search
- Choose 'Download'
- Select 'Species List as CSV'
- Resulting table provides a list of taxa included in the search, sorted by number of occurrences
- Possible jumpstart for building national or thematic checklists based on available data





#### GLOBAL REGISTRY OF SCIENTIFIC COLLECTIONS

- Completed migration of GRSciColl into new GBIF registry
- Basis for collaborative development • of a comprehensive, high-quality collections catalogue
- GBIF Norway to pilot node editing of registry
- Will establish dynamic read-write links with sources like Index Herbariorum
- Future improvements could link collections and specimen records, produce more detailed use reports



Cephalotes integerrimus. Photo by Vincent Perrichot via AntWeb, licensed under

After several months offline, GRSciColl has found a new home at GBIF.org. For now, the data is read-only, but that will change in the future.

GRSciColl is a comprehensive, community-curated clearinghouse of information about object-based scientific collections.

GRSciColl includes data on institutions, collections and associated staff members and spans all scientific disciplines, including earth and space sciences, anthropology, archaeology, biology and biomedicine, as well as applied fields like agriculture, veterinary medicine and technology.



#### https://www.gbif.org/news/5kyAslpqTVxYqZTwYn1cub

### **GDPR** MORE THAN JUST A FOUR-LETTER WORD

- Continued engagement after implementation of last year's new EU (global) regulation
- GBIF's legal advice suggests proactive engagement of data publishers regarding its policies and suggested best practices
- Need to engage nodes regarding the possibility of a twice-yearly publisher newsletter on operational issues





## **THANKS**

GBIF incentive-prize competition on biodiversity data solutions

- €34,000 in prizes
- Open to individuals or teams
- Deadline: 1 September 2019



bit.ly/ebbe2019



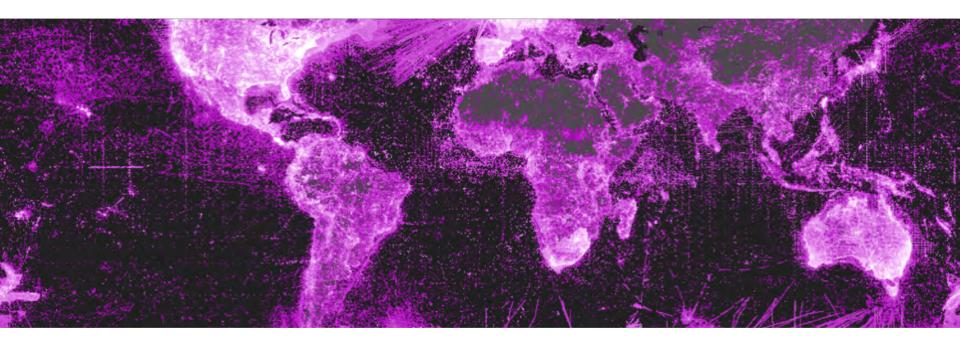
Trumpeter swans (*Cygnus buccinator*), migrating south over Alberta, Canada. Photo by karrin via <u>iNaturalist research-grade observations</u>, licensed under CC BY-NC 4.0.

#### **Biodiversity Open Data Ambassador**

- Volunteer to represent GBIF network, promote open data sharing and use
- Presentation resources from GBIF
- Apply now <u>www.bit.ly/gbifamb</u>

bit.ly/gbif-amb





#### **Network webinar**

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