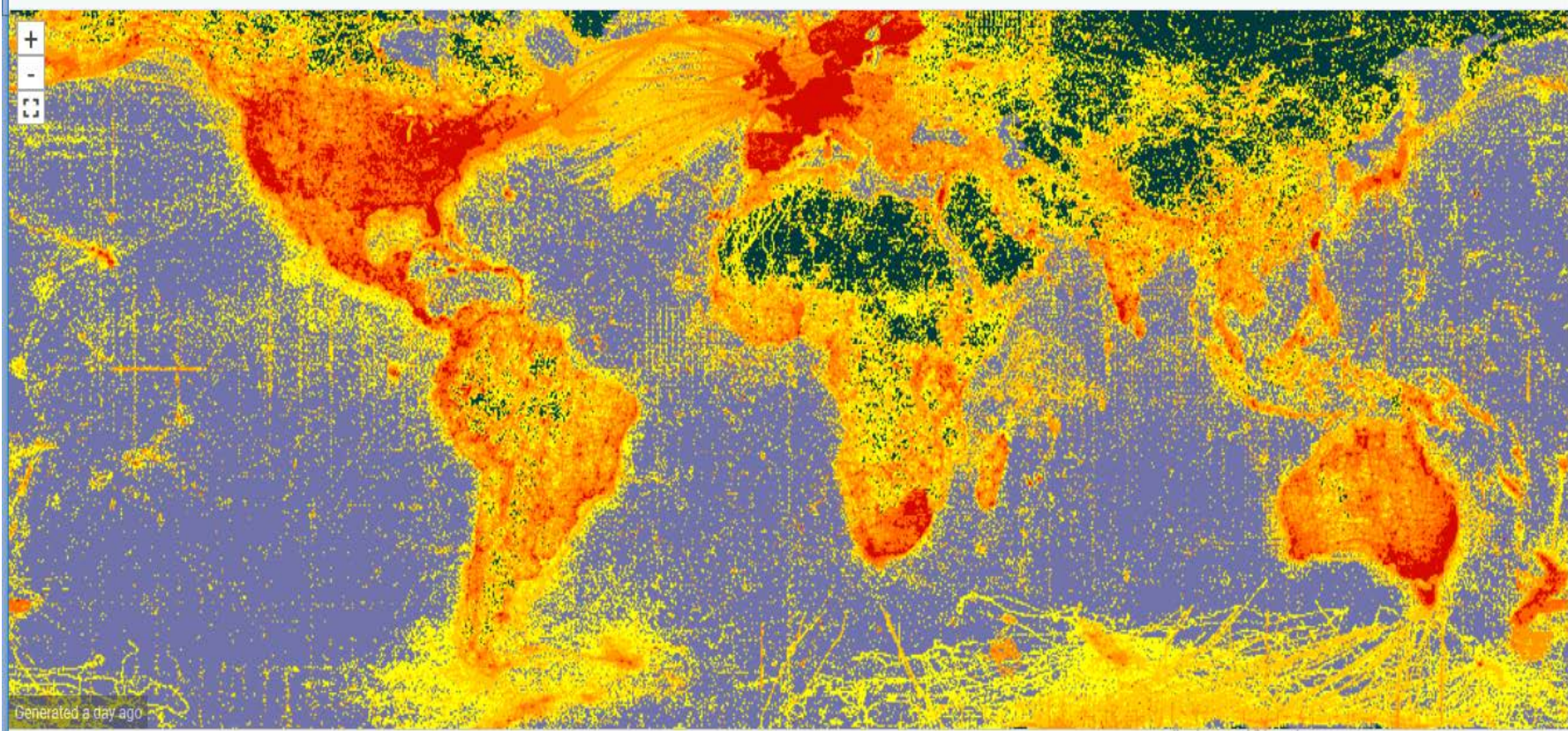


Atelier de restitution Projet ZTIPs

Utilisation des données sur la biodiversité

Présenté par Saïdou DOUMBOUYA
GBIF/GUINEE





GBIF

BY THE NUMBERS

31 Jan 2018

Species occurrence records

965,329,783

Datasets

37,572

Country Participants

54

Organizational Participants

36

Publishers

1,143

Average records downloaded per month, 2017

70.4 billion

User sessions (Sept-Dec avg)

135,735

Sources de données

- les inventaires
- les muséums
- les herbiers
- les études
- etc.....



Utilisation des données

- Inventorier la Biodiversité du pays
- Comprendre son évolution et enrayer son déclin
- Décider sur base de connaissances scientifiques
- Renforcer la crédibilité des travaux/publications et augmenter la renommée des Auteurs et de leurs Institutions
- S'offrir de nouvelles opportunités de collaboration

Utilisation des données

- Permettre à de nouvelles recherches d'utiliser gratuitement les données publiques déjà recueillies
- Rapatrier les connaissances dans leur pays d'origine
- Être cité par la publication d'un data paper
- Aménagement, création des aires protégées, le classement des forêts etc.....

MAMMAL TAXA CONSTITUTING POTENTIAL COEVOLVED RESERVOIRS OF FILOVIRUSES

Auteurs: A. Townsend Peterson et al

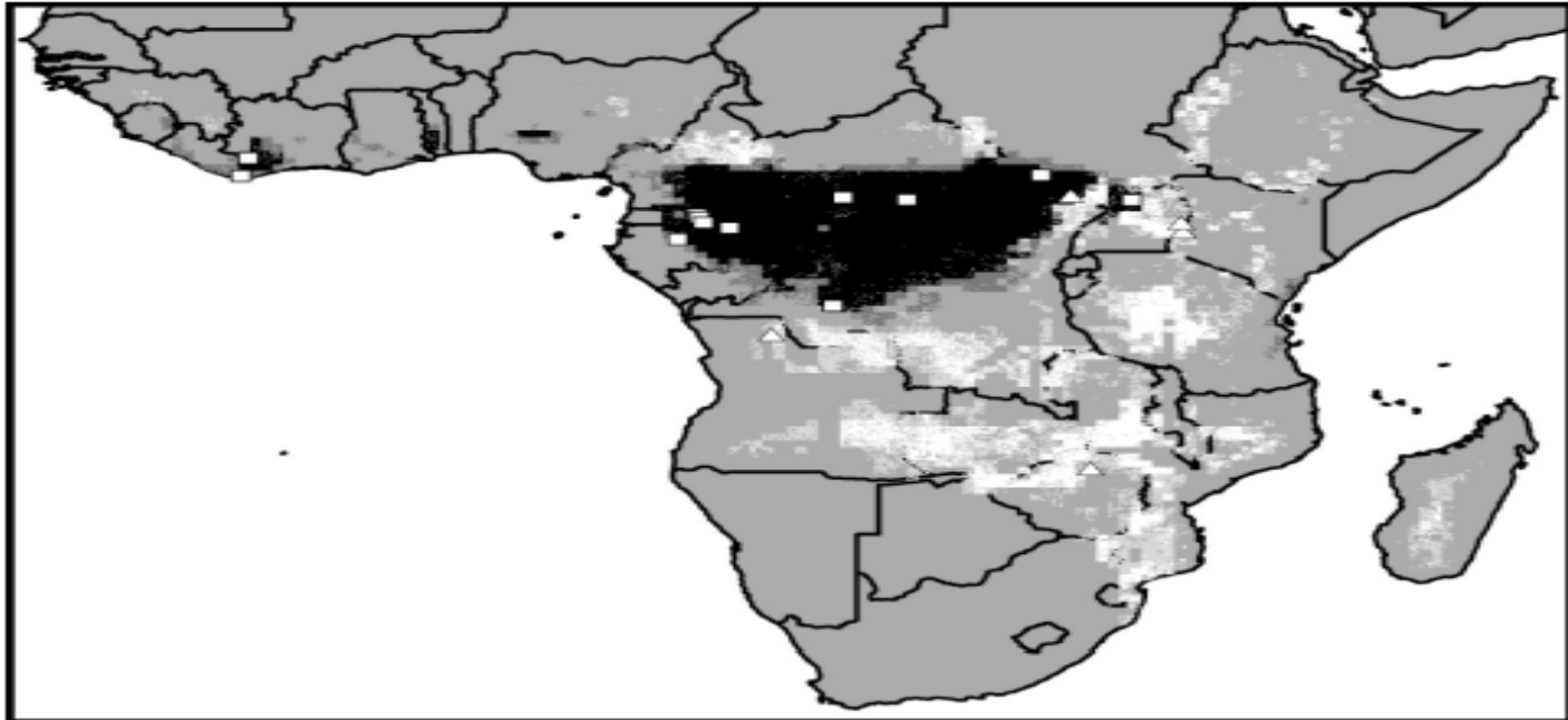
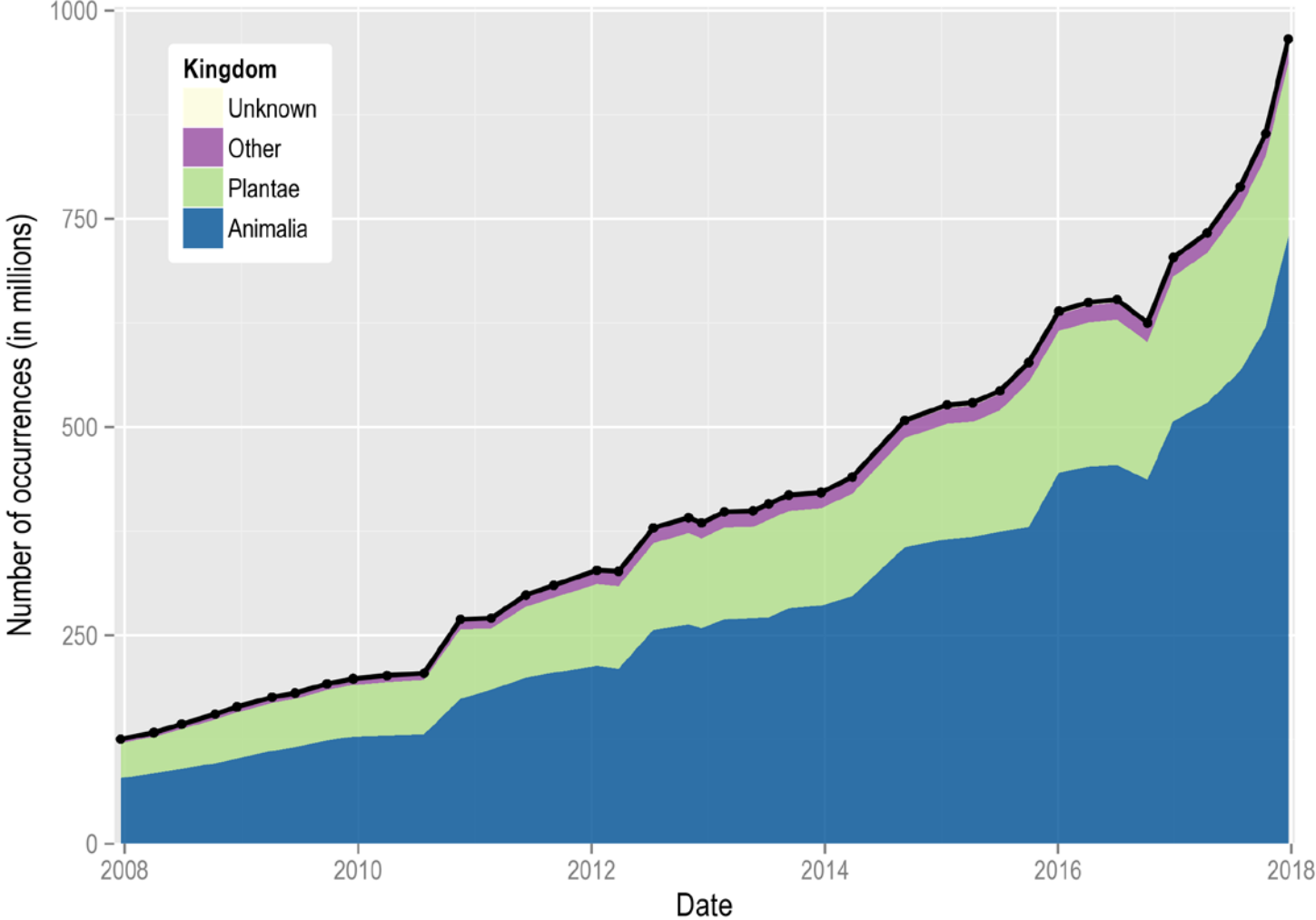


FIG. 1.—Distributional summary of Ebola and Marburg viruses, with predicted distributions based on ecological niche models of outbreak coordinates (Peterson et al. 2004a). Ebola virus distribution shown as highest probability in black and intermediate probability in dark gray; Marburg virus distribution shown as highest probability in white and intermediate probability in light gray. Square, Ebola virus outbreak; triangle, Marburg virus outbreak.

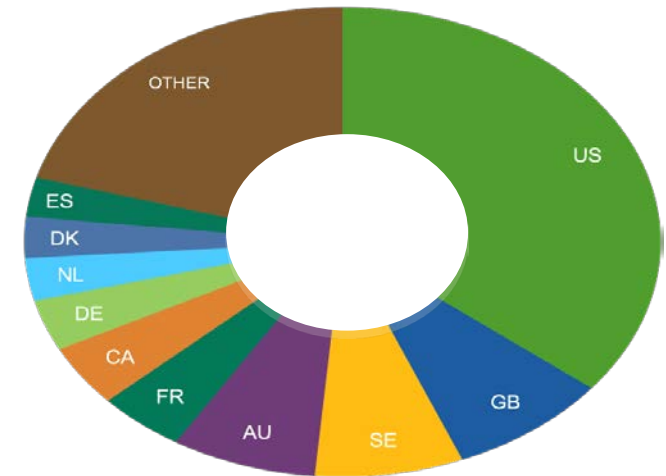
Species occurrence records accessible through GBIF over time



Total number of occurrence records published by country

as of 31 Dec 2017










	Country	Downloads	Aug-17 rank
1	United States	343,727,404	1
2	United Kingdom	78,561,592	2
3	Sweden	72,640,178	3
4	Australia	71,015,071	5
5	France	42,591,092	4
6	Canada	40,920,553	18
7	Germany	33,902,462	6
8	Netherlands	28,219,095	7
9	Denmark	27,296,537	13
10	Spain	26,070,259	9



Featured research

Nov 2017

1 / 3

-  Invasive alien species
-  Impact of climate change
-  Species conservation and protected areas
-  Biodiversity and human health
-  Food, farming and biofuels
-  Ecosystem services
-  Advancing biodiversity science
-  Data management
-  Data papers

Alexandre H, Faure J, Ginzburg S, Clark J & Joly S (2017) Bioclimatic niches are conserved and unrelated to pollination syndromes in Antillean Gesneriaceae. *Royal Society Open Science* 4: 170293. <https://doi.org/10.1098/rsos.170293>
 Author countries: Canada, United States

Alvarez B, Frings PJ, Clymans W, Fontorbe G & Conley DJ (2017) Assessing the Potential of Sponges (Porifera) as Indicators of Ocean Dissolved Si Concentrations. *Frontiers in Marine Science*.
<https://doi.org/10.3389/fmars.2017.00373> Author country: Sweden

Alvez-Valles CM, Balslev H, Carvalho FA, Garcia-Villacorta R, Grandez C & Menini Neto L (2017) Endemism and conservation of Amazon palms. *Biodiversity and Conservation*. <https://doi.org/10.1007/s10531-017-1463-0>
 Author countries: Brazil, Denmark, United States, Peru

Bauer AM, DeBoer JC & Taylor DJ (2017) Atlas of the Reptiles of Libya. *Proceedings of the California Academy of Sciences ser. 4*, 64(8): 155-318.
<http://bit.ly/2DaeWVx> Author country: United States










Fourcade Y, Besnard AG & Secondi J (2017) Paintings predict the distribution of species, or the challenge of selecting environmental predictors and evaluation statistics. *Global Ecology and Biogeography*.
<https://doi.org/10.1111/geb.12684> Author countries: France, Sweden

Lin YP, Lin WC, Lien WY, Anthony J & Petway J (2017) Identifying Reliable Opportunistic Data for Species Distribution Modeling: A Benchmark Data Optimization Approach. *Environments* 4(4): 81.
<https://doi.org/10.3390/environments4040081> Author country: Taiwan

Featured research

Nov 2017

2 / 3

-  Invasive alien species
-  Impact of climate change
-  Species conservation and protected areas
-  Biodiversity and human health
-  Food, farming and biofuels
-  Ecosystem services
-  Advancing biodiversity science
-  Data management
-  Data papers

Long PR, Benz D, Martin AC et al. (2017) LEFT - a web-based tool for the remote measurement and estimation of ecological value across global landscapes. *Methods in Ecology and Evolution*. <https://doi.org/10.1111/2041-210X.12924> Author countries: UK, Norway

Manjarrés-Hernández AM, Guisande C, García-Roselló E et al. (2017) A procedure to assess the spatial variability in the importance of abiotic factors affecting distributions: the case of world freshwater fishes. *Current Zoology* zox063. <https://doi.org/10.1093/cz/zox063> Author countries: Colombia, Spain

McArt SH, Urbanowicz C, McCoshum S, Irwin RE & Adler LS (2017) Landscape predictors of pathogen prevalence and range contractions in US bumblebees. *Proceedings of the Royal Society B: Biological Sciences* 284: 20172181. <https://doi.org/10.1098/rspb.2017.2181> Author country: United States

Meiri S, Bauer AM, Allison A et al. (2017) Extinct, obscure or imaginary: The lizard species with the smallest ranges. *Diversity and Distributions*. <https://doi.org/10.1111/ddi.12678> Author countries: Israel, United States, Colombia, France, Brazil, Malaysia, Germany, Cameroon, Belgium, Australia, United Kingdom, Italy, Ecuador, Senegal, China

Quijada L, Ribes M, Negrín R & Beltrán-Tejera E (2017) Lignicolous species of *Helotiales* associated with major vegetation types in the Canary Islands. *Willdenowia* 47(3): 271-291. <https://doi.org/10.3372/wi.47.47310> Author country: Spain

Reino L, Figueira R, Beja P, Araújo MB, Capinha C & Strubbe D (2017) Networks of global bird invasion altered by regional trade ban. *Science Advances* 3(11): e1700783. <https://doi.org/10.1126/sciadv.1700783> Author countries: Portugal, Spain, Denmark, Germany, Belgium

Szabolcs M, Mizsei E, Jablonski D, Vági B, Mester B, Végvári Z & Lengyel S (2017) Distribution and diversity of amphibians in Albania: new data and foundations of a comprehensive database. *Amphibia-Reptilia* 38(4): 435-448. <https://doi.org/10.1163/15685381-00003126> Author countries: Hungary, Slovakia

Sources des données