

Living Atlases Workshop (CESP)  
2019, Paris

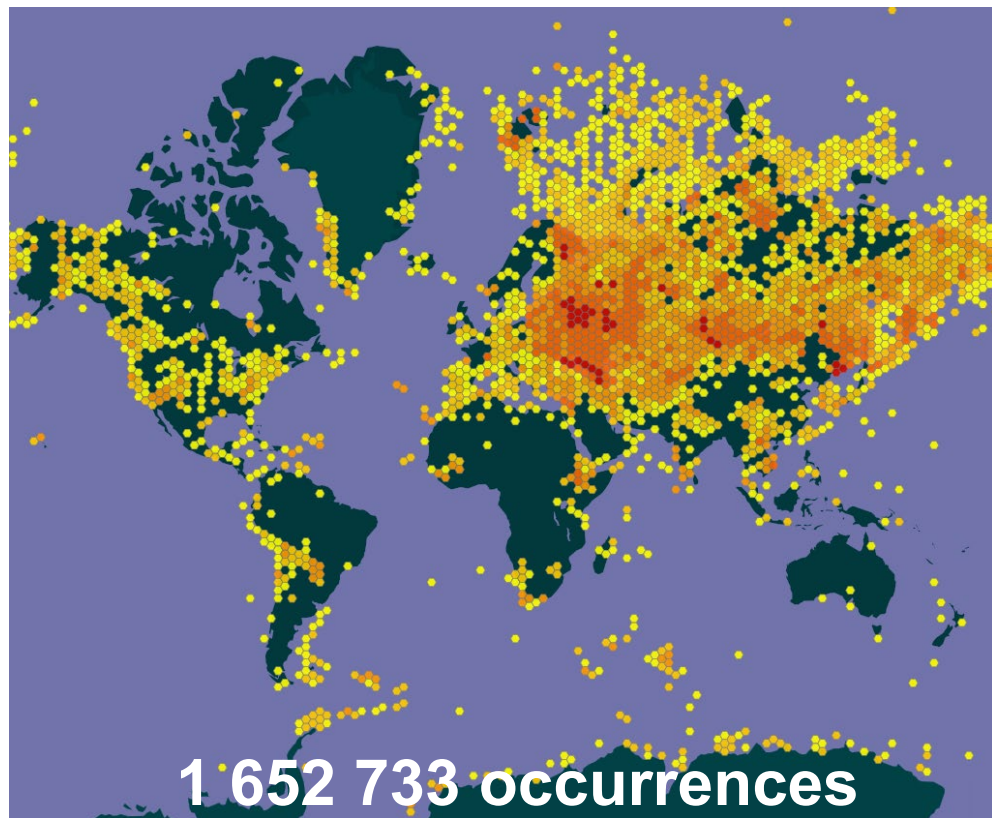
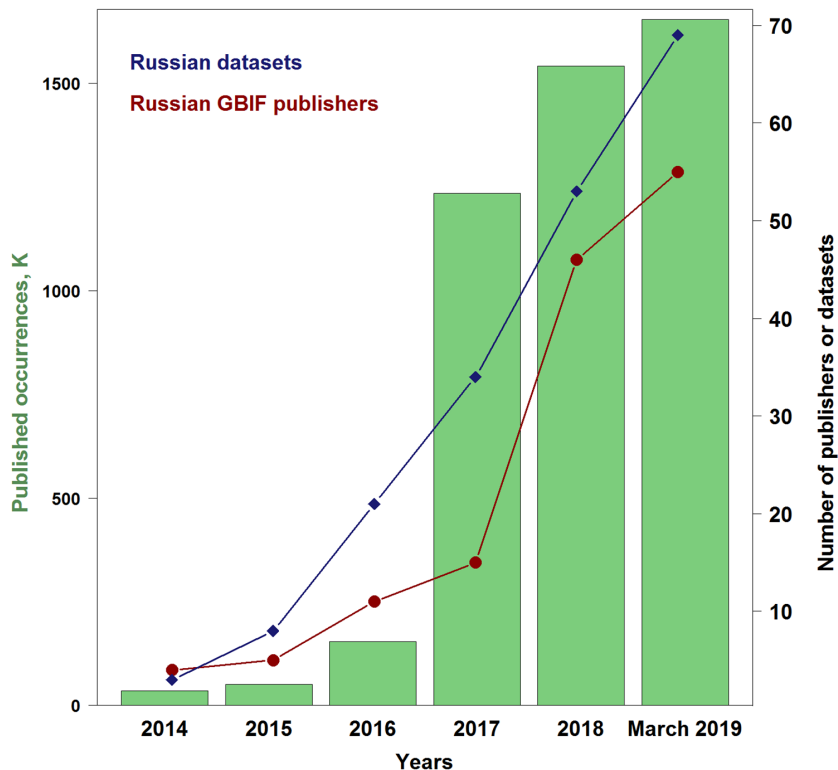
# ALA Tools for Russian Biodiversity Data Integration



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# Considerable Progress in Russian GBIF Community



GBIF data from Russia

# National Data Mobilization Capacity

## Herbarium collections of Russia



About 150 collections in 2004

## Largest National Herbaria:

- Komarov Botanical Institute (LE)  
> 6 M sheets
- Moscow University (MW) > 1 M sh.
- About 150 others collections > 8 M sh.

## National Zoological collections:


- Zoological institute RAS (Saint-Petersburg)  
> 60 M specimens
- Zoological museum of Moscow University  
> 6 M sp.
- Institute of Plant and Animal Ecology RAS  
(Ekaterinburg) > 1 M sp.
- Institute of Biology of Komi RAS > 100 K
- National Scientific Center of Marine Biology  
RAS (Vladivostok) > 1 M sp.

# ALA modules for National Biodiversity Portal. Concept

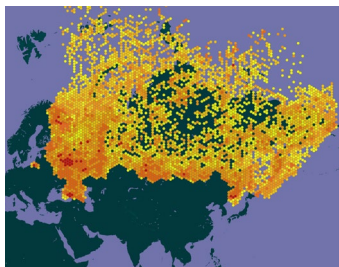


**METADATA**



 **GBIF** free and open access  
to biodiversity data  
INTEGRATED PUBLISHING TOOLKIT (IPT)

**DATA  
FROM  
RUSSIAN  
IPTs**



**GBIF DATA  
ABOUT  
RUSSIA**



**National  
Biodiversity Portal**



**MODULES:  
Biocache  
Collectory  
Images**

**Institute of Mathematical  
Problems of Biology RAS**



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**Thank you  
for your attention!**



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