

GBIF GBIF survey of data use for research on alien and invasive species

1. Welcome

As part of a broader global strategy to support applications of biodiversity data, the Global Biodiversity Information Facility (GBIF, www.gbif.org) has convened a Task Group to assess data fitness for use in research on alien and invasive species. GBIF is an international open data infrastructure, funded by governments.

GBIF allows anyone, anywhere to access data about all types of life on Earth, shared across national boundaries via the Internet. By encouraging and helping institutions to publish data according to common standards, GBIF enables new research, and informs better decisions to conserve and sustainably use the planet's biological resources.

In this survey, our use of the terms alien and invasive are broad, and include the multiple related terms used in the field of invasion biology, such as introduced and non-native.

Your inputs will improve the suitability and access to data for broad scale use in invasion biology and the fields related to it (such as ecological and social research contexts).

The survey is designed by the Task Group to capture the experience of data users and providers. We aim to document limitations in existing GBIF services, improve the utility of GBIF-mediated data, and suggest improvements in the functionality of GBIF for specific needs.

We know your time is extremely valuable. This survey should take about 20 minutes. Please submit your responses at your earliest convenience, but not later than on 31 August 2016. If you have any questions about this survey, please contact Dmitry Schigel, dschigel@gbif.org.

Thanks in advance for your help.

GBIF Task Group on data fitness for use in research on alien and invasive species

* Questions with an asterisk require an answer for the survey to be completed.

collaboration po data provided by		t disclose you third party. If	ur personal data you provide yo	
Name				
Organisation/Affil ation	i			
Country				
E-mail address				
* 2. Do you consid	der vour organizat	ion commerc	ial?	
Yes	, , , , , , , , , , , , , , , , , , ,			
○ No				
* 3. What realms o	lo you work in?			
Terrestrial				
Marine				
Freshwater				
□ N/A				
Other (please spe	ecify)			

* 4. What is your disciplinary expertise?	
☐ Invasion biology	
☐ Ecology	
Biogeography	
Paleoecology	
Systematics	
Evolutionary biology	
☐ Biodiversity informatics	
☐ Social science	
Economics	
☐ Disease ecology	
Human and wildlife health	
☐ Biodiversity science	
Climate change science	
Conservation biology	
Other (please specify)	
* 5. Role	
Research	
Resource management	
Conservation management	
☐ Data curation	
☐ Data analysis	
☐ Biodiversity informatics	
Policy	
Education	
Other (please specify)	

* 6. \	What species groups do you work with?	
	Mammals	
	Birds	
	Fish	
	Amphibians, reptiles	
	Plants	
	Fungi	
	Arthropods	
	Other invertebrates	
	Algae	
	Microorganisms	
	N/A	
	Other (please specify)	



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2. GBIF Usage

	Extremely useful	Very useful	Somewhat useful	Slightly useful	Not at all useful	N/A
Гахопоту						
Extracting lists of species						
Species distributions						
Modelling						\bigcirc
Georeferencing						
Gap analysis						
Searching for sources of data						
nvasion horizon scanning						
Risk assessment						
Frends in abundance or distribution			\bigcirc		\bigcirc	\bigcirc

	Extremely useful	Very useful	Somewhat useful	Slightly useful	Not at all useful	N/A
Maps						
Web services						\bigcirc
Taxonomy						
Country pages						\bigcirc
Dataset pages						
Species pages						
Record pages						
Verbatim, uninterpreted data					\bigcirc	
Multimedia (images, sounds, video)	0		0	0	0	0

	Extremely useful	Very useful	Somewhat useful	Slightly useful	Not at all useful
Habitat				\bigcirc	
Species traits					
Mechanism of ntroduction	0			0	
Native ranges					
Absence data					
Abundance					
Filling geographic gaps			\circ	0	
Filling taxonomic gaps					
mpact nformation					
Management nformation					
ease specify any	additional type	es of data and r	acommanaatii		
ecify where would	d like to see t				
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ecify where would	d like to see t				
lease specify any pecify where would kternal resources?	d like to see t				

Global invasive species database (GISD)	
Global Register of Introduced Invasive Species (GRIIS)	
CABI Invasive Species Compendium	
Encyclopaedia of Life (EOL)	
Regional, national or local sources	
Taxon specific sources	
Realm or habitat specific sources	
Please specify sources not listed above	
* 15. Are you aware of sources that would improve data coverage of alien and invasive species in GBIF?	
species in GBIF?	
species in GBIF? Yes	



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3. Other sources	
16. If so, please name t	he sources and provide links and contact information.



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l. Data attribu	ites						
7 \0/bat anatial va		of doto io u			allawina aa	40 m o mio o 7	•
7. What spatial re	Solution	or data is r	nost user	ui in the f	ollowing ca	tegories	
	< 10 m	< 100 m	< 1 km	< 5 km	< 25 km	< 100 km	Over 100 km / 1°
Rapid response							
to potentially							
invasive species							
Niche modelling							
Impact							
assessment							
Horizon scanning							
8. Have you publi	ished any	papers/re	ports that	reterence	e GBIF info	rmation o	r data?
Yes							
No							
9. If you answer y		above que	estion, ple	ase provi	de the refe	rence(s),	using
OOI, where availab	ole						



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GDIF	invasive species
5. Final comment	S
	additional recommendations on how GBIF can become more sive species research and applications