

TrIAS

Tracking Invasive Alien Species



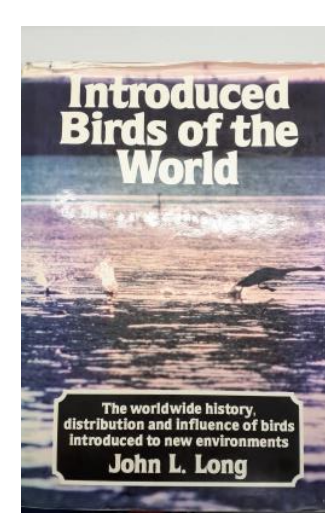
Citizen science contribution to the inventory of alien birds in Belgium

Cristina PREDA¹, Lien REYSERHOVE², Amy DAVIS³, Diederik STRUBBE³, Quentin GROOM⁴, Peter DESMET², Tim ADRIAENS²

1. Ovidius University of Constanța, Romania; 2. Research Institute for Nature and Forest (INBO), Brussels, Belgium
cristina.preda@univ-ovidius.ro 3. Ghent University, Ghent, Belgium; 4. Meise Botanic Garden, Belgium



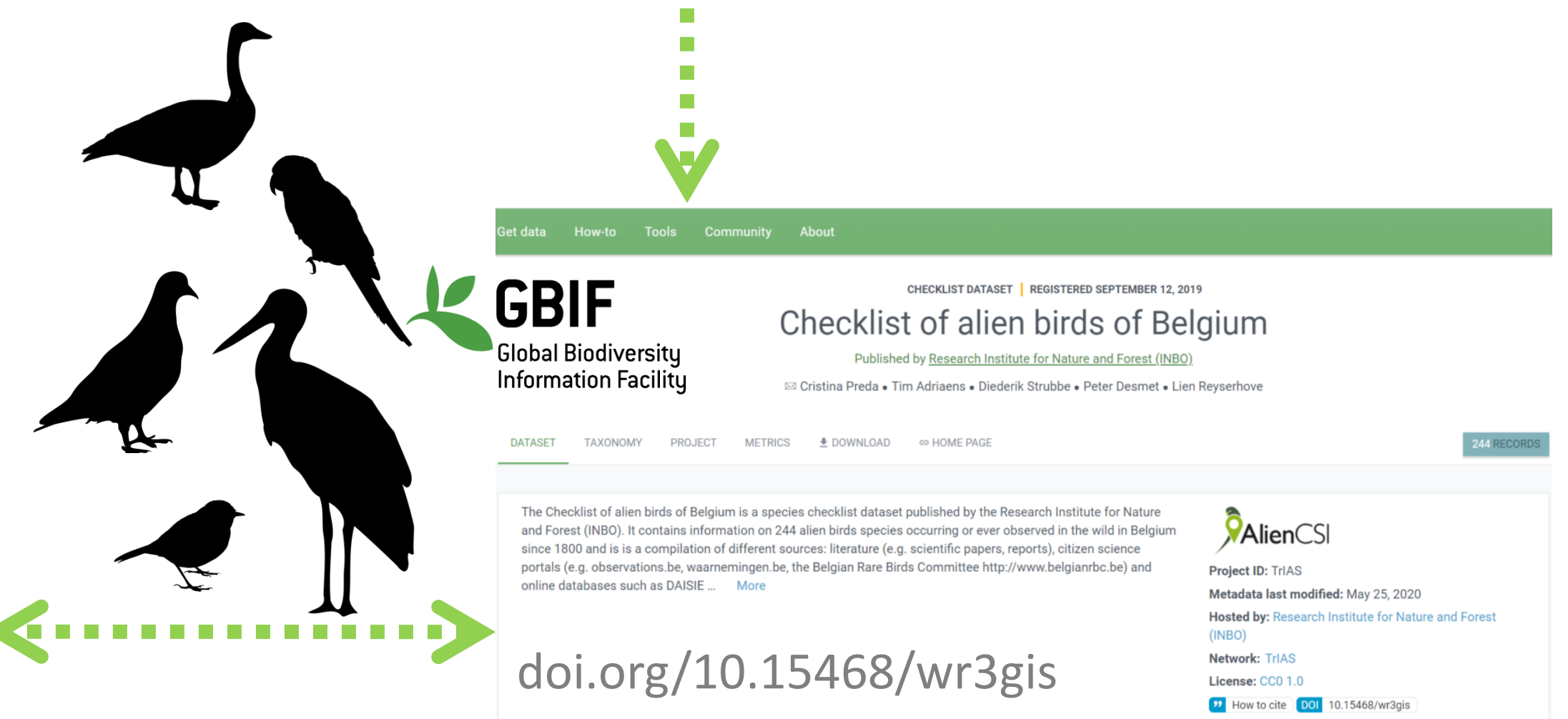
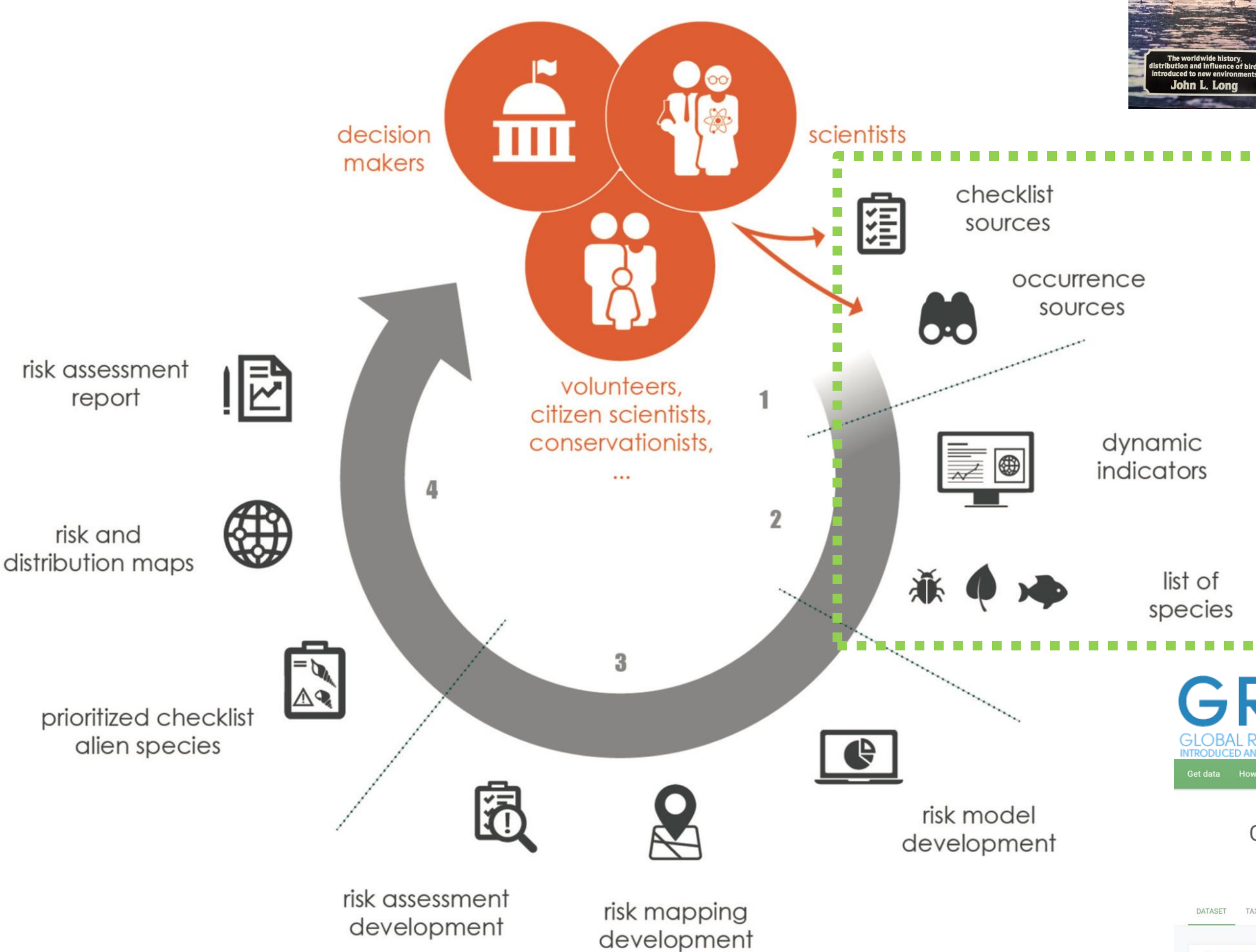
A previous, unpublished checklist of alien species in Belgium included 164 birds. We removed 16 native species from this list and supplemented it with 96 species consulting a variety of sources including papers and citizen science observatories. The [alien bird checklist](#) is openly published on GBIF and through a software pipeline feeds into [GRIIS Belgium](#). Regular republishing ensures GRIIS is kept updated.



SCIENTIFIC DATA
The global avian invasions atlas, a database of alien bird distributions worldwide
Ellie E. Dyer, David W. Redding & Tim M. Blackburn
Scientific Data 4, Article number: 170041 (2017) | Download Citation &



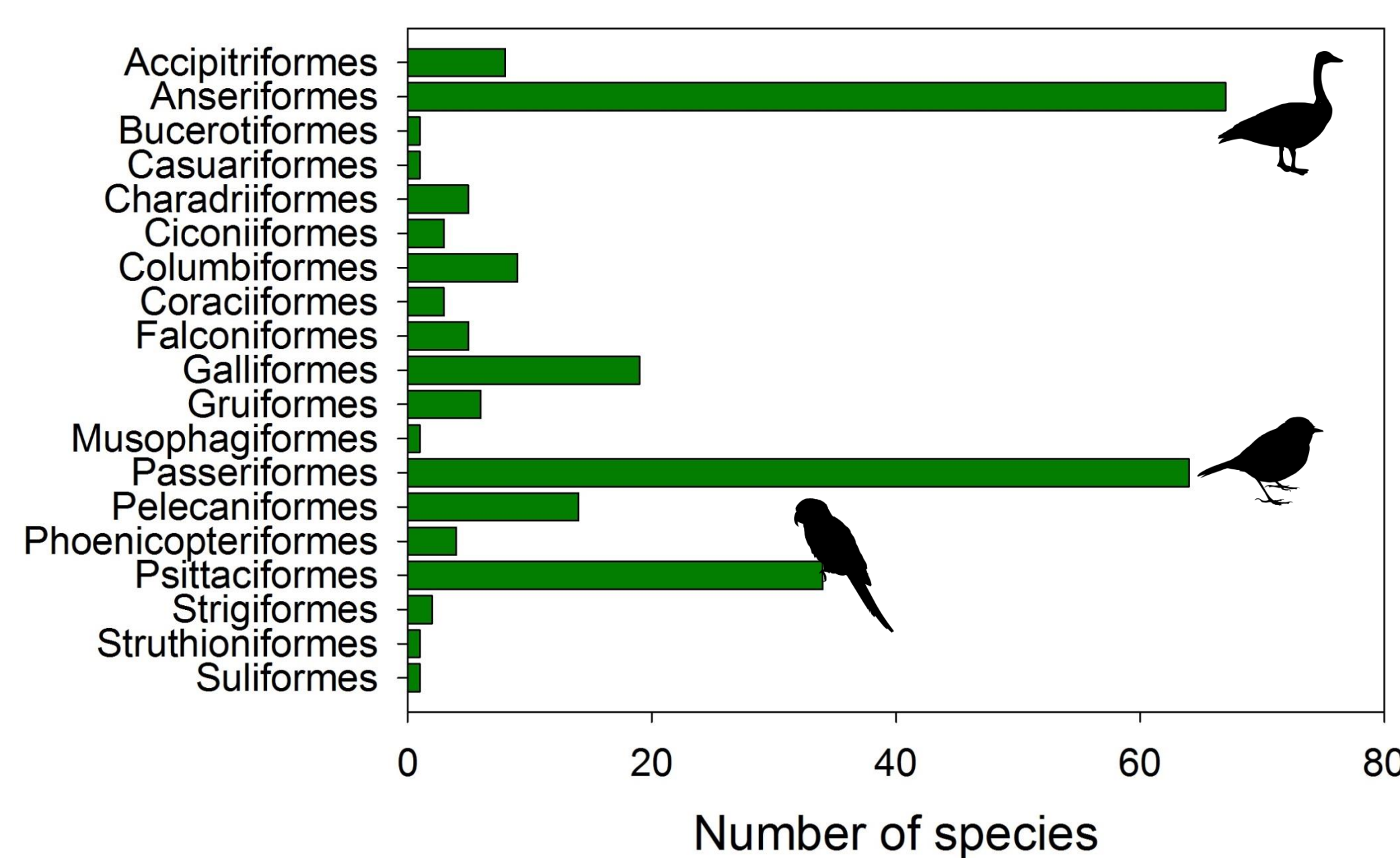
Species	Order	1 st Obs.	Last obs.	Pathway
<i>Agapornis canus</i>	Psittaciformes	1985	1985	escape
<i>Agapornis fischeri</i>	Psittaciformes	2009	2016	escape
<i>Agapornis roseicollis</i>	Psittaciformes	1983	2016	escape
<i>Agapornis personatus</i>	Psittaciformes	2014	2016	escape
<i>Amazona amazonica</i>	Psittaciformes	2002	2015	escape
<i>Amazona ochrocephala</i>	Psittaciformes	2007	2007	escape
<i>Ara ararauna</i>	Psittaciformes	2007	2014	escape
<i>Ara macao</i>	Psittaciformes	2002	2002	escape



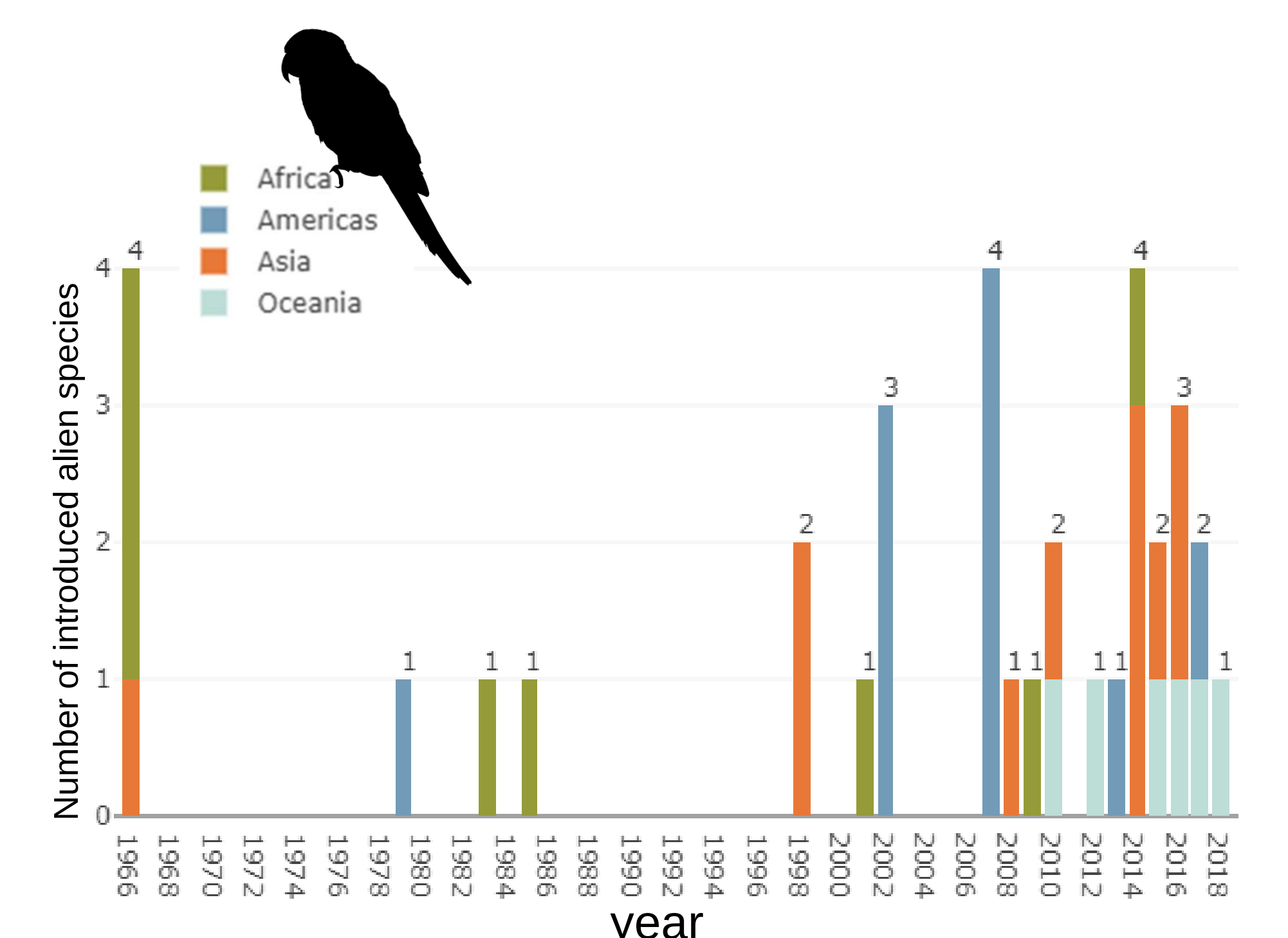
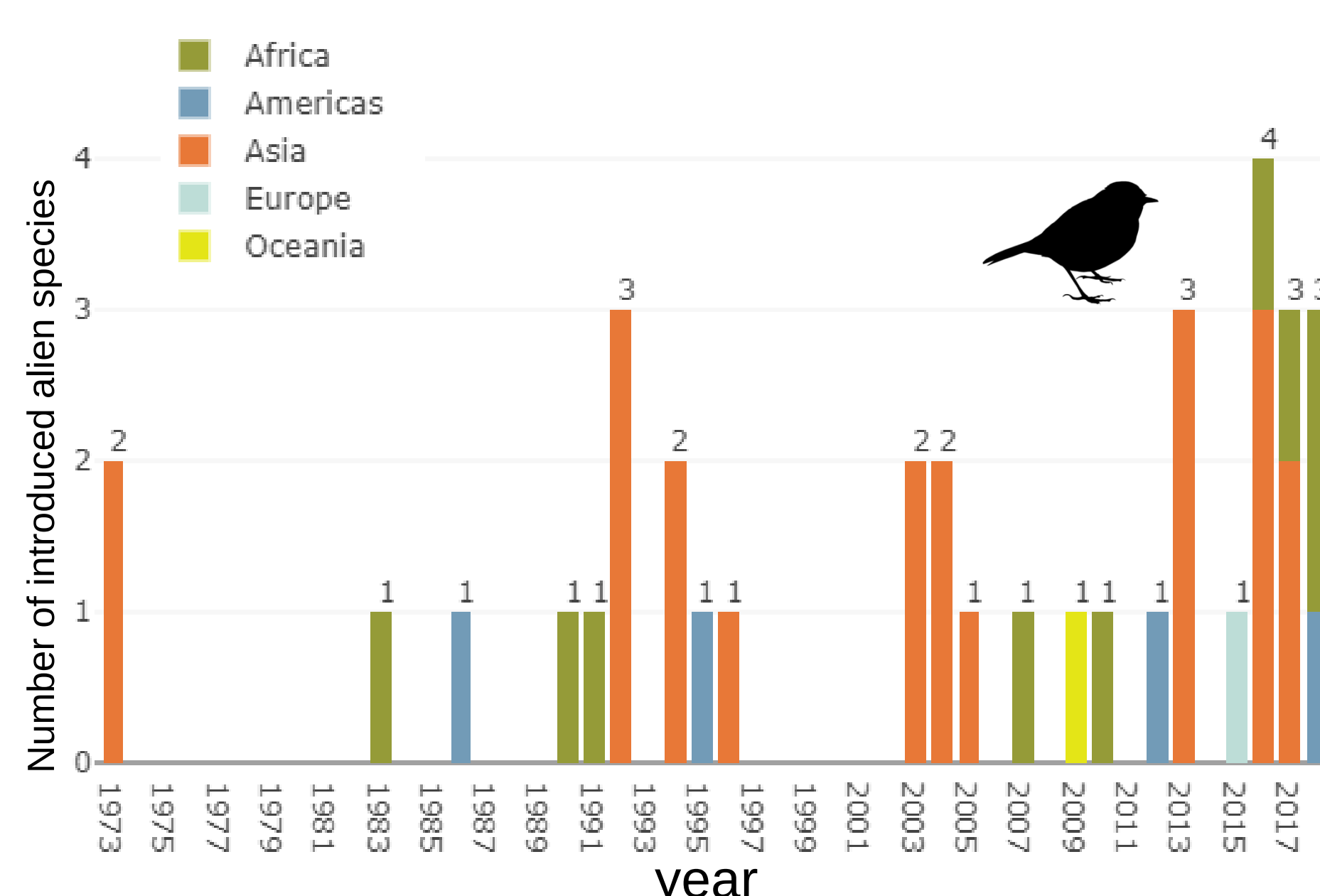
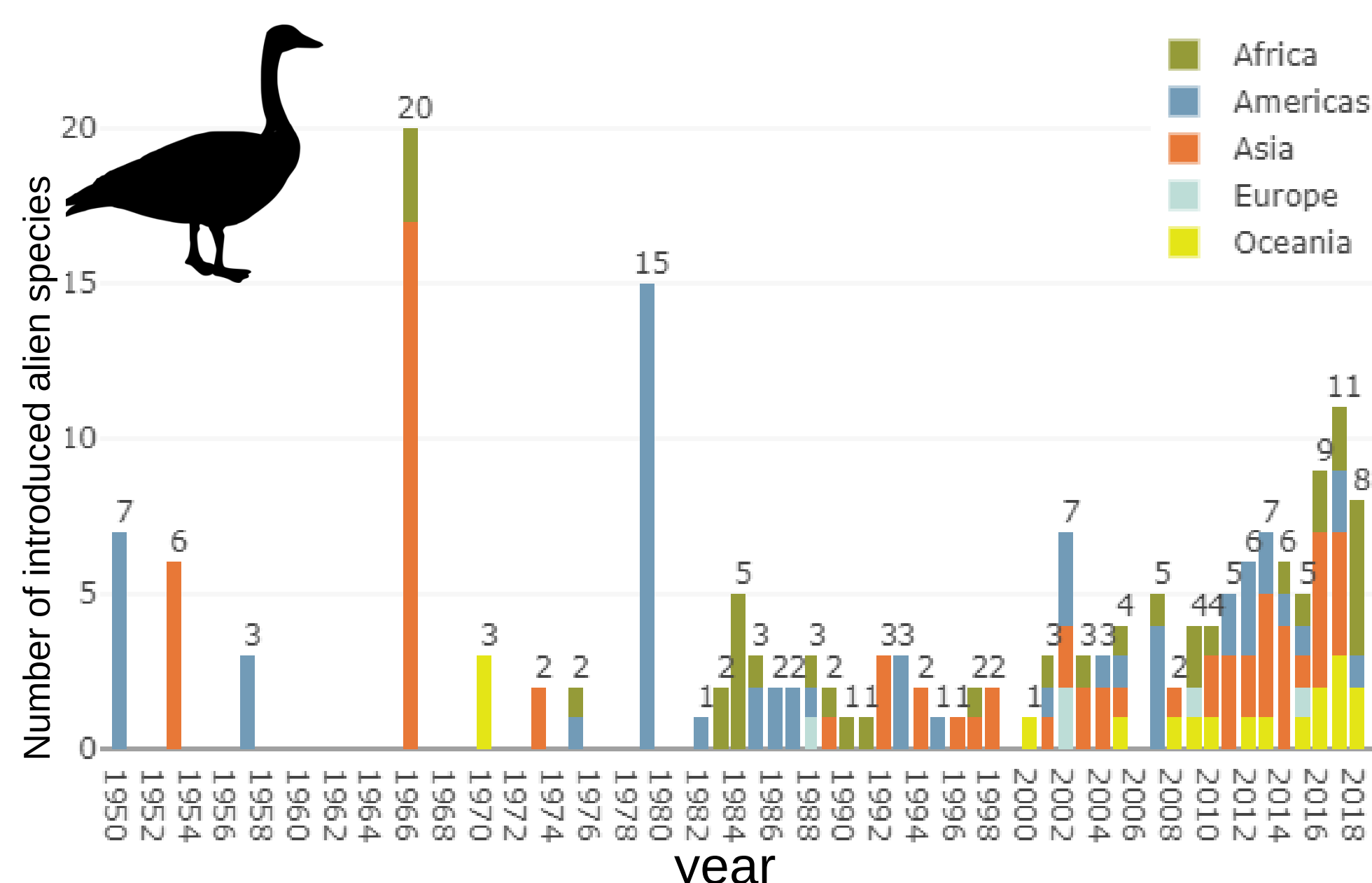
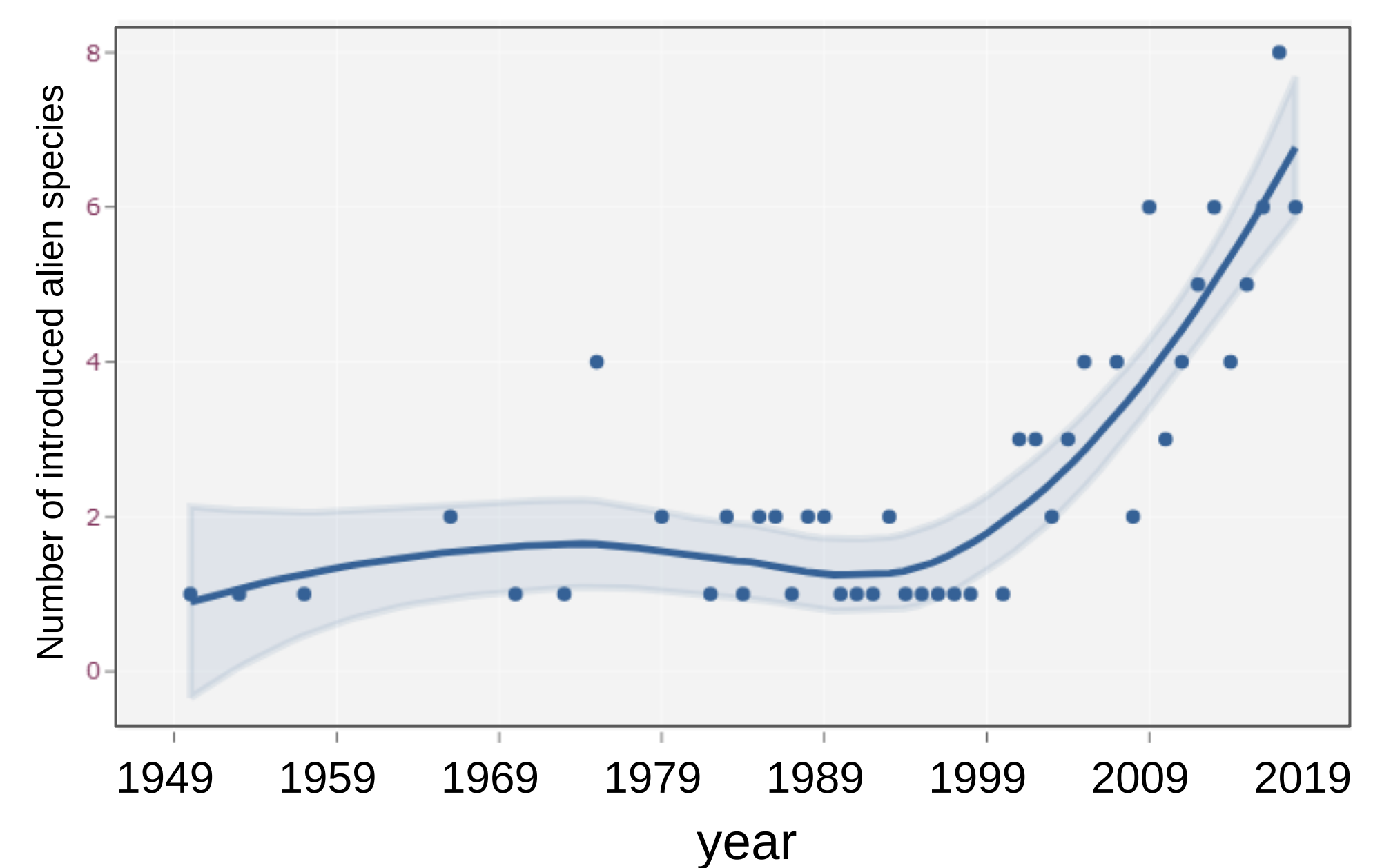
Results

- 244 alien bird species
- 19 orders
 - ducks, geese and swans (27%)
 - passerines (26%)
 - parrots and parakeets (13%)
 - grouses and quails (8%)
 - herons and ibises (6%)
- alien bird introductions increased since 2000
- birds originate from all continents
 - Asia and the Americas contribute most to alien avifauna
- Pathways of introductions:
 - escape pathway (pets, zoos) (96%)
 - release (e.g. for hunting) (3%)
 - natural dispersal (<1%)

Taxa



Trends



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www.trias-project.be
www.alien-csi.eu/

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COST Action Alien-CSI (STSM Improving data flows for alien birds in Belgium and drafting a roadmap for alien species citizen science in Romania)