

The citations below were used to create Figures 1 and 2 in Nelson & Ellis (2018) *The History and Impact of Digitization and Digital Data Mobilization on Biodiversity Research in the Anthropocene*

Citation	Year	Author iDigBio or TCNs are listed if at least one author received NSF ADBC funds	Portal used	Portal or ADBC Program was referenced, but data from the portal not used
Acevedo-Charry, O. A., & Coral-Jaramillo, B. (2017). Annotations on the distribution of <i>Doliornis remseni</i> (Cotingidae) and <i>Buthraupis wetmorei</i> (Thraupidae). <i>Colombian Ornithology</i> , 16:eNB04-1	2017	Other	VertNet; macaulaylibrary	
Adams, A. J., Pessier, A. P., & Briggs, C. J. (2017). Rapid extirpation of a North American frog coincides with an increase in fungal pathogen prevalence: Historical analysis and implications for reintroduction. <i>Ecology and Evolution</i> , 7(23), 10216-10232.	2017	Other	VertNet	
Adams, R. P. (2017). Multiple evidences of past evolution are hidden in nrDNA of <i>Juniperus arizonica</i> and <i>J. coahuilensis</i> populations in the trans-Pecos, Texas region. <i>Phytologia</i> , 99, 38-47.	2017	Other	SEINet	
Aguirre, W. E., Sánchez-Garcés, G. C., Amaya, R. N., Salazar, F. N., & Rivera, J. V. (2017). Range expansion of the genus <i>Sicydium</i> (Teleostei: Gobiidae) to coastal mountain streams of southwestern Ecuador and possibly northwestern Peru. <i>Check List</i> , 13(1), 2049.	2017	Other	VertNet	
Akali, C. K., & Pfennig, D. W. (2017). Geographic variation in mimetic precision among different species of coral snake mimics. <i>Journal of Evolutionary Biology</i> , 30(7), 1420-1428.	2017	Other	VertNet	
Alcock, J. (2017). <i>After the Wildfire: Ten Years of Recovery from the Willow Fire</i> . University of Arizona Press.	2017	Other	SEINet	

Alexandre, H., Faure, J., Ginzburg, S., Clark, J., & Joly, S. (2017). Bioclimatic niches are conserved and unrelated to pollination syndromes in Antillean Gesneriaceae. <i>Royal Society Open Science</i> , 4(11), 170293.	2017	Other	VertNet	
Alías, F., & Socoró, J. C. (2017). Description of anomalous noise events for reliable dynamic traffic noise mapping in real-life urban and suburban soundscapes. <i>Applied Sciences</i> , 7 (2), 146.	2017	Other		1
Alzuru, I., Matsunaga, A., Tsugawa, M., & Fortes, J. A. (2017, October). SELFIE: Self-Aware Information Extraction from Digitized Biocollections. In e-Science (e-Science), <i>2017 IEEE 13th International Conference</i> (pp. 69-78).	2017	iDigBio	idigbio	
Andersen, M. J., Fatdal, L., Mauck III, W. M., & Smith, B. T. (2017). An ornithological survey of Vanuatu on the islands of Éfaté, Malakula, Gaua, and Vanua Lava. <i>Check List</i> , 13(6), 755-782.	2017	Other	macaulaylibrary	
Anderson, K. L., Kaden, Ute, Druckenmiller, P. S., Fowell, S., Spangler, M. A., ... Stefanie M. (2017). <i>Arctic science education using public museum collections from the University of Alaska Museum: An evolving and expanding landscape</i> . Retrieved from www.nrcresearchpress.com	2017	Other	idigbio	
Anderson, T. J., Wagner, D. L., Cooper, B. R., McCarty, M. E., & Zaspel, J. M. (2017). HPLC-MS Analysis of Lichen-Derived Metabolites in the Life Stages of <i>Crambidia cephalica</i> (Grote & Robinson). <i>Journal of Chemical Ecology</i> , 43(1), 66-74.	2017	InvertNet TCN		

Key

Acronym	Full Name	Portal
iDigBio	Integrated Digitized Biocollections	idigbio https://idigbio.org/portal
LBCC TCN	North American Lichens and Bryophytes - Sensitive Indicators of Environmental Quality and Change	lichenportal http://lichenportal.org bryophyteportal http://bryophyteportal.org
TTD TCN	Plants, Herbivores, and Parasitoids: A Model System for the Study of Tri-trophic Associations	tcn.amnh http://tcn.amnh.org
InvertNet TCN	InvertNet: An Integrative Platform for Research on Environmental Change, Species Discovery and Identification	http://invertnet.org
SCAN TCN	Symbiota Collections of Arthropods Network (SCAN): A Model for Collections Digitization to Promote Taxonomic and Ecological Research	SCAN symbiota4.acis.ufl.edu/scan/portal/ http://scan-bugs.org/portal/index.php
	The Macrofungi Collection Consortium: Unlocking a Biodiversity Resource for Understanding Biotic Interactions, Nutrient Cycling and Human Affairs	mycoportal http://mycoportal.org/portal
Paleoniches TCN	Digitizing Fossils to Enable New Syntheses in Biogeography - Creating a PALEONICHES	idigbio https://idigbio.org/portal
NEVP TCN	Mobilizing New England Vascular Plant Specimen Data	neherbaria http://portal.neherbaria.org/portal
MHC TCN	The Macroalgal Herbarium Consortium: Accessing 150 Years of Specimen Data to Understand Changes in the Marine/Aquatic Environment	macroalgae http://macroalgae.org
VACS TCN	Developing a Centralized Digital Archive of Vouchered Animal Communication Signals	macaulaylibrary http://macaulaylibrary.org
FIC TCN	Fossil Insect Collaborative: A Deep-Time Approach to Studying Diversification and Response to Environmental Change	idigbio https://idigbio.org/portal

SERNEC TCN	The Key to the Cabinets: Building and Sustaining a Research Database for a Global Biodiversity Hotspot	sernec http://sernecportal.org
InvertEbase TCN	InvertEBase: Reaching Back to See the Future: Species-rich Invertebrate Faunas Document Causes and Consequences of Biodiversity Shifts	InvertEbase http://www.invertebase.org/
GLI TCN	Documenting the Occurrence through Space and Time of Aquatic Non-indigenous Fish, Mollusks, Algae, and Plants Threatening North America's Great Lakes	SEINet http://swbiodiversity.org/seinet
EPiCC TCN	Documenting Fossil Marine Invertebrate Communities of the Eastern Pacific - Faunal Responses to Environmental Change over the last 66 million years	idigbio https://idigbio.org/portal/
MiCC TCN	The Microfungi Collections Consortium: A Networked Approach to Digitizing Small Fungi with Large Impacts on the Function and Health of Ecosystems	mycoportal http://mycoportal.org/portal
MAM TCN	The Mid-Atlantic Megalopolis: Achieving a greater scientific understanding of our urban world	midatlanticherbaria http://www.midatlanticherbaria.org/portal/
LepNet TCN	Lepidoptera of North America Network: Documenting Diversity in the Largest Clade of Herbivores	SCAN symbiota4.acis.ufl.edu/scan/portal/ http://scan-bugs.org/portal/index.php
Cretaceous World TCN	The Cretaceous World: Digitizing Fossils to Reconstruct Evolving Ecosystems in the Western Interior Seaway	idigbio https://idigbio.org/portal/
VertNet	VertNet	VertNet http://portal.vertnet.org