Humboldt Core - toward a standardized capture of biological inventories for biodiversity monitoring, modeling and assessment

#	Paper	IF	Citations
35	Procrustean beds and empty boxes: On the magic of creating environmental data. *Biological Conservation*, **2019**, 237, 248-252	6.2	4
34	Access to Marine Genetic Resources (MGR): Raising Awareness of Best-Practice Through a New Agreement for Biodiversity Beyond National Jurisdiction (BBNJ). *Frontiers in Marine Science*, **2019**, 6,	4.5	22
33	Species range model metadata standards: RMMS. *Global Ecology and Biogeography*, **2019**, 28, 1912-1924	6.1	8
32	A checklist for maximizing reproducibility of ecological niche models. *Nature Ecology and Evolution*, **2019**, 3, 1382-1395	12.3	56
31	A simple method to estimate the probable distribution of species. *Ecography*, **2019**, 42, 1613-1622	6.5	8
30	Ecological Data Should Not Be So Hard to Find and Reuse. *Trends in Ecology and Evolution*, **2019**, 34, 494-496	19.6	30
29	Biodiversity data integration-the significance of data resolution and domain. *PLoS Biology*, **2019**, 17, e3000183	9.7	38
28	Essential biodiversity variables for mapping and monitoring species populations. *Nature Ecology and Evolution*, **2019**, 3, 539-551	12.3	142
27	A data management workflow of biodiversity data from the field to data users. *Applications in Plant Sciences*, **2019**, 7, e11310	2.3	9
26	GIFT A Global Inventory of Floras and Traits for macroecology and biogeography. *Journal of Biogeography*, **2020**, 47, 16-43	4.1	50
25	Harmonise and integrate heterogeneous areal data with the R package arealDB. *Environmental Modelling and Software*, **2020**, 133, 104799	5.2	1
24	Pandemics and the Need for Automated Systems for Biodiversity Monitoring. *Journal of Wildlife Management*, **2020**, 84, 1424	1.9	5
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22	Ecological data as a resource for invasive species management in U.S. Great Lakes coastal wetlands. *Journal of Great Lakes Research*, **2020**, 46, 910-919	3	1
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20	Connecting high-throughput biodiversity inventories: Opportunities for a site-based genomic framework for global integration and synthesis. *Molecular Ecology*, **2021**, 30, 1120-1135	5.7	8
19	Continental-scale 1 km hummingbird diversity derived from fusing point records with lateral and elevational expert information. *Ecography*, **2021**, 44, 640-652	6.5	1

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18	Where do functional traits come from? The role of theory and models. *Functional Ecology*, **2021**, 35, 1385-1396	5.6	12
17	Global and national trends, gaps, and opportunities in documenting and monitoring species distributions. *PLoS Biology*, **2021**, 19, e3001336	9.7	3
16	Unlocking Inventory Data Capture, Sharing and Reuse: The Humboldt Extension to Darwin Core. *Biodiversity Information Science and Standards*, 5,		
15	GIFT □A Global Inventory of Floras and Traits for macroecology and biogeography.		7
14	A workflow for standardising and integrating alien species distribution data. *NeoBiota*, **2020**, 59, 39-59	4.2	8
13	Harmonizing plot data with collection data. *Research Ideas and Outcomes*, 5,	2.5	
12	Global and national trends in documenting and monitoring species distributions.		
11	Reinventory of the Vascular Plants of Mormon Island Crane Meadows after Forty Years of Restoration, Invasion, and Climate Change. *SSRN Electronic Journal*,	1	
10	Diatoms.org: supporting taxonomists, connecting communities. *Diatom Research*, 1-14	0.9	7
9	A hotspot of groundwater amphipod diversity on a crossroad of evolutionary radiations. *Diversity and Distributions*,	5	4
8	Ecological data in Darwin Core: the case of earthworm surveys.. *Biodiversity Data Journal*, **2021**, 9, e71292	2.8	0
7	A review of the heterogeneous landscape of biodiversity databases: Opportunities and challenges for a synthesized biodiversity knowledge base. *Global Ecology and Biogeography*,	6.1	0
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5	Influence of different data cleaning solutions of point-occurrence records on downstream macroecological diversity models. **2022**, 12,		0
4	Application of Humboldt Extension to Real-world Cases. 6,		
3	Toward global integration of biodiversity big data: a harmonized metabarcode data generation module for terrestrial arthropods. **2022**, 11,		0
2	Standardized butterfly surveys: comparing transect counts and area-time counts in insect monitoring.		0
1	An operational workflow for producing periodic estimates of species occupancy at national scales.		0