Deren A R Eaton

List of Publications by Year in Descending Order

33 papers	2,119 citations	16 h-index	37 g-index
37 ext. papers	2,933 ext. citations	5.4 avg, IF	6.09 L-index

#	Paper	IF	Citations
33	Selection on the gametophyte: Modeling alternation of generations in plants.. *Applications in Plant Sciences*, **2022**, 10, e11472	2.3	1
32	Resolved phylogenetic relationships in the Ocotea complex (Supraocotea) facilitate phylogenetic classification and studies of character evolution. *American Journal of Botany*, **2021**, 108, 664-679	2.7	2
31	Joint Phylogenetic Estimation of Geographic Movements and Biome Shifts during the Global Diversification of Viburnum. *Systematic Biology*, **2021**, 70, 67-85	8.4	15
30	Parallel ddRAD and Genome Skimming Analyses Reveal a Radiative and Reticulate Evolutionary History of the Temperate Bamboos. *Systematic Biology*, **2021**, 70, 756-773	8.4	6
29	ipcoal: an interactive Python package for simulating and analyzing genealogies and sequences on a species tree or network. *Bioinformatics*, **2020**, 36, 4193-4196	7.2	3
28	The potential of genome-wide RAD sequences for resolving rapid radiations: a case study in Cactaceae. *Molecular Phylogenetics and Evolution*, **2020**, 151, 106896	4.1	2
27	Toytree: A minimalist tree visualization and manipulation library for Python. *Methods in Ecology and Evolution*, **2020**, 11, 187-191	7.7	18
26	ipyrad: Interactive assembly and analysis of RADseq datasets. *Bioinformatics*, **2020**, 36, 2592-2594	7.2	152
25	Phylogeny of Hawaiian (Rutaceae): RAD-seq Resolves Species Relationships and Reveals Ancient Introgression. *Frontiers in Plant Science*, **2019**, 10, 1074	6.2	16
24	Differences in flowering time maintain species boundaries in a continental radiation of Viburnum. *American Journal of Botany*, **2019**, 106, 833-849	2.7	13
23	Sterile marginal flowers increase visitation and fruit set in the hobblebush (Viburnum lantanoides, Adoxaceae) at multiple spatial scales. *Annals of Botany*, **2019**, 123, 381-390	4.1	5
22	Inferring processes of coevolutionary diversification in a community of Panamanian strangler figs and associated pollinating wasps. *Evolution; International Journal of Organic Evolution*, **2019**, 73, 2295-2311	3.8	18
21	Restriction-Site-Associated DNA Sequencing Reveals a Cryptic Viburnum Species on the North American Coastal Plain. *Systematic Biology*, **2019**, 68, 187-203	8.4	23
20	Practical considerations for plant phylogenomics. *Applications in Plant Sciences*, **2018**, 6, e1038	2.3	77
19	Genome-Wide Assessment of Diversity and Divergence Among Extant Galapagos Giant Tortoise Species. *Journal of Heredity*, **2018**, 109, 611-619	2.4	12
18	Reconciling species diversity in a tropical plant clade (Canarium, Burseraceae). *PLoS ONE*, **2018**, 13, e0198882	3.7	8
17	Coral hybridization or phenotypic variation? Genomic data reveal gene flow between Porites lobata and P. Compressa. *Molecular Phylogenetics and Evolution*, **2017**, 111, 132-148	4.1	44

List of Publications

16	Misconceptions on Missing Data in RAD-seq Phylogenetics with a Deep-scale Example from Flowering Plants. *Systematic Biology*, **2017**, 66, 399-412	8.4	103
15	Phylogeny and biogeography of the American live oaks (Quercus subsection Virentes): a genomic and population genetics approach. *Molecular Ecology*, **2015**, 24, 3668-87	5.7	116
14	Historical introgression among the American live oaks and the comparative nature of tests for introgression. *Evolution; International Journal of Organic Evolution*, **2015**, 69, 2587-601	3.8	127
13	Genotyping-by-sequencing as a tool to infer phylogeny and ancestral hybridization: a case study in Carex (Cyperaceae). *Molecular Phylogenetics and Evolution*, **2014**, 79, 359-67	4.1	82
12	PyRAD: assembly of de novo RADseq loci for phylogenetic analyses. *Bioinformatics*, **2014**, 30, 1844-9	7.2	539
11	A framework phylogeny of the American oak clade based on sequenced RAD data. *PLoS ONE*, **2014**, 9, e93975	3.7	173
10	Identification of SNP markers for inferring phylogeny in temperate bamboos (Poaceae: Bambusoideae) using RAD sequencing. *Molecular Ecology Resources*, **2013**, 13, 938-45	8.4	44
9	Paths to selection on life history loci in different natural environments across the native range of Arabidopsis thaliana. *Molecular Ecology*, **2013**, 22, 3552-66	5.7	78
8	PyRAD: assembly ofde novoRADseq loci for phylogenetic analyses **2013**,		1
7	Inferring phylogeny and introgression using RADseq data: an example from flowering plants (Pedicularis: Orobanchaceae). *Systematic Biology*, **2013**, 62, 689-706	8.4	353
6	Floral diversity and community structure in Pedicularis (Orobanchaceae). *Ecology*, **2012**, 93, S182-S194	4.6	80
5	Inferring Processes of Coevolutionary Diversification in a Community of Panamanian Strangler Figs and Associated Pollinating Wasps		1
4	Joint phylogenetic estimation of geographic movements and biome shifts during the global diversification of Viburnum		1
3	ipcoal: An interactive Python package for simulating and analyzing genealogies and sequences on a species tree or network		1
2	Introgression obscures and reveals historical relationships among the American live oaks		3
1	Genetic incompatibilities do not snowball in a demographic model of speciation		1