

# Corrie Moreau

## List of Publications by Year in descending order

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Version: 2024-02-01

89  
papers

4,397  
citations

159585

30  
h-index

123424

61  
g-index

98  
all docs

98  
docs citations

98  
times ranked

5316  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating species relative abundances from museum records. <i>Methods in Ecology and Evolution</i> , 2023, 14, 431-443.	5.2	14
2	Phylogenomics and Fossil Data Inform the Systematics and Geographic Range Evolution of a Diverse Neotropical Ant Lineage. <i>Insect Systematics and Diversity</i> , 2022, 6, .	1.7	8
3	Edward O. Wilson (1929–2021). <i>Nature Ecology and Evolution</i> , 2022, 6, 240-241.	7.8	1
4	A framework for educating and empowering students by teaching about history and consequences of bias in STEM. <i>Pathogens and Disease</i> , 2022, 80, .	2.0	2
5	Sharing and reporting benefits from biodiversity research. <i>Molecular Ecology</i> , 2021, 30, 1103-1107.	3.9	19
6	Ants: Phylogeny and Classification. , 2021, , 52-69.		6
7	<i>Wolbachia</i> Across Social Insects: Patterns and Implications. <i>Annals of the Entomological Society of America</i> , 2021, 114, 206-218.	2.5	12
8	Localization of Bacterial Communities within Gut Compartments across <i>Cephalotes</i> Turtle Ants. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	14
9	Assessing Biosynthetic Gene Cluster Diversity of Specialized Metabolites in the Conserved Gut Symbionts of Herbivorous Turtle Ants. <i>Frontiers in Microbiology</i> , 2021, 12, 678100.	3.5	10
10	Phylogenetic analysis and trait evolution of ant cocoons. <i>Insect Systematics and Evolution</i> , 2021, 53, 60-77.	0.7	3
11	Museum genomics reveals the Xerces blue butterfly ( <i>Glaucopsyche xerces</i> ) was a distinct species driven to extinction. <i>Biology Letters</i> , 2021, 17, 20210123.	2.3	15
12	The genomic basis of army ant chemosensory adaptations. <i>Molecular Ecology</i> , 2021, 30, 6627-6641.	3.9	9
13	Gut bacteria are essential for normal cuticle development in herbivorous turtle ants. <i>Nature Communications</i> , 2021, 12, 676.	12.8	35
14	Fund natural-history museums, not de-extinction. <i>Nature</i> , 2021, 598, 32-32.	27.8	3
15	The Diversity and Distribution of <i>Wolbachia</i> , Rhizobiales, and <i>Ophiocordyceps</i> Within the Widespread Neotropical Turtle Ant, <i>Cephalotes atratus</i> (Hymenoptera: Formicidae). <i>Neotropical Entomology</i> , 2020, 49, 52-60.	1.2	13
16	The Evolution and Biogeography of <i>Wolbachia</i> in Ants (Hymenoptera: Formicidae). <i>Diversity</i> , 2020, 12, 426.	1.7	13
17	Competition with insectivorous ants as a contributor to low songbird diversity at low elevations in the eastern Himalaya. <i>Ecology and Evolution</i> , 2020, 10, 4280-4290.	1.9	13
18	Disentangling the assembly mechanisms of ant cuticular bacterial communities of two Amazonian ant species sharing a common arboreal nest. <i>Molecular Ecology</i> , 2020, 29, 1372-1385.	3.9	15

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19	Symbioses among ants and microbes. <i>Current Opinion in Insect Science</i> , 2020, 39, 1-5.	4.4	36
20	Spine and dine: A key defensive trait promotes ecological success in spiny ants. <i>Ecology and Evolution</i> , 2020, 10, 5852-5863.	1.9	9
21	Development but not diet alters microbial communities in the Neotropical arboreal trap jaw ant <i>Daceton armigerum</i> : an exploratory study. <i>Scientific Reports</i> , 2020, 10, 7350.	3.3	13
22	Ants: Phylogeny and Classification. , 2020, , 1-18.		12
23	Influence of host phylogeny, geographical location and seed harvesting diet on the bacterial community of globally distributed <i>Pheidole</i> ants. <i>PeerJ</i> , 2020, 8, e8492.	2.0	9
24	Intestinal Symbionts. , 2020, , 1-5.		0
25	Myrmecology: majority of females only within the colony. <i>Boletim Do Museu Paraense Emílio Goeldi Ciências Naturais (Impresso)</i> , 2020, 15, 17-26.	0.2	2
26	Dietary specialization in mutualistic acacia ants affects relative abundance but not identity of host-associated bacteria. <i>Molecular Ecology</i> , 2019, 28, 900-916.	3.9	34
27	Analysis of tropical and temperate elevational gradients in arthropod abundance. <i>Frontiers of Biogeography</i> , 2019, 11, .	1.8	27
28	Diversity of <i>Wolbachia</i> Associated with the Giant Turtle Ant, <i>Cephalotes atratus</i> . <i>Current Microbiology</i> , 2019, 76, 1330-1337.	2.2	19
29	Will DNA barcoding meet taxonomic needs?. <i>Science</i> , 2019, 365, 873-874.	12.6	22
30	A Phylogenetic Analysis of the Dirt Ants, <i>Basiceros</i> (Formicidae: Myrmicinae): Inferring Life Histories Through Morphological Convergence. <i>Insect Systematics and Diversity</i> , 2019, 3, .	1.7	5
31	Coevolution of Genome Architecture and Social Behavior. <i>Trends in Ecology and Evolution</i> , 2019, 34, 844-855.	8.7	49
32	Assessing the Diversity of Endogenous Viruses Throughout Ant Genomes. <i>Frontiers in Microbiology</i> , 2019, 10, 1139.	3.5	28
33	Herbivorous turtle ants obtain essential nutrients from a conserved nitrogen-recycling gut microbiome. <i>Nature Communications</i> , 2018, 9, 964.	12.8	115
34	Introduction: The host-associated microbiome: Pattern, process and function. <i>Molecular Ecology</i> , 2018, 27, 1749-1765.	3.9	46
35	Entomological Collections in the Age of Big Data. <i>Annual Review of Entomology</i> , 2018, 63, 513-530.	11.8	49
36	Ant-plant interactions evolved through increasing interdependence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12253-12258.	7.1	71

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37	Evidence for convergent evolution of host parasitic manipulation in response to environmental conditions. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 2144-2155.	2.3	25
38	Insights into Circovirus Host Range from the Genomic Fossil Record. <i>Journal of Virology</i> , 2018, 92, .	3.4	39
39	The structured diversity of specialized gut symbionts of the New World army ants. <i>Molecular Ecology</i> , 2017, 26, 3808-3825.	3.9	62
40	Novel approach to heritability detection suggests robustness to paternal genotype in a complex morphological trait. <i>Ecology and Evolution</i> , 2017, 7, 4179-4191.	1.9	1
41	Community analysis of microbial sharing and specialization in a Costa Rican ant-plant-hemipteran symbiosis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162770.	2.6	19
42	Tracing the phylogeographic history of Southeast Asian long-tailed macaques through mitogenomes of museum specimens. <i>Molecular Phylogenetics and Evolution</i> , 2017, 116, 227-238.	2.7	16
43	Digitization of museum collections holds the potential to enhance researcher diversity. <i>Nature Ecology and Evolution</i> , 2017, 1, 1789-1790.	7.8	42
44	Diversity and Persistence of the Gut Microbiome of the Giant Neotropical Bullet Ant. <i>Integrative and Comparative Biology</i> , 2017, 57, 682-689.	2.0	21
45	Defensive traits exhibit an evolutionary trade-off and drive diversification in ants. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 315-328.	2.3	77
46	Early and dynamic colonization of Central America drives speciation in Neotropical army ants. <i>Molecular Ecology</i> , 2017, 26, 859-870.	3.9	48
47	Origins of Aminergic Regulation of Behavior in Complex Insect Social Systems. <i>Frontiers in Systems Neuroscience</i> , 2017, 11, 74.	2.5	61
48	An Empirical Test of Reduced-Representation Genomics to Infer Species-Level Phylogenies for Two Ant Groups. <i>Insect Systematics and Diversity</i> , 2017, 1, .	1.7	5
49	Subcaste-specific evolution of head size in the ant genus <i>Pheidole</i> . <i>Biological Journal of the Linnean Society</i> , 2016, 118, 472-485.	1.6	19
50	Out of South-East Asia: phylogeny and biogeography of the spiny ant genus <i>Polyrhachis</i> Smith (Hymenoptera: Formicidae). <i>Systematic Entomology</i> , 2016, 41, 369-378.	3.9	19
51	A new ant genus from southern Argentina and southern Chile, <i>Patagonomyrmex</i> (Hymenoptera:) <a href="#">Tj ETQq1 1 0.784314 rgBT /Overlock</a>	0.5	7
52	Comparative genomics reveals convergent rates of evolution in ant-plant mutualisms. <i>Nature Communications</i> , 2016, 7, 12679.	12.8	47
53	Colony size evolution in ants: macroevolutionary trends. <i>Insectes Sociaux</i> , 2016, 63, 291-298.	1.2	30
54	The Dynamic Discipline of Species Delimitation: Progress Toward Effectively Recognizing Species Boundaries in Natural Populations. , 2015, , 11-44.		44

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55	Evolutionary transitions of complex labile traits: Silk weaving and arboreal nesting in <i>Polyrhachis</i> ants. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 449-458.	1.4	13
56	Evolution of the indoor biome. <i>Trends in Ecology and Evolution</i> , 2015, 30, 223-232.	8.7	75
57	An Ancient Divide in a Contiguous Rainforest: Endemic Earthworms in the Australian Wet Tropics. <i>PLoS ONE</i> , 2015, 10, e0136943.	2.5	15
58	Understanding Cultivar-Specificity and Soil Determinants of the Cannabis Microbiome. <i>PLoS ONE</i> , 2014, 9, e99641.	2.5	73
59	Ants of the Florida Keys: Species Accounts, Biogeography, and Conservation (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.5	17
60	DNA extraction protocols cause differences in 16S rRNA amplicon sequencing efficiency but not in community profile composition or structure. <i>MicrobiologyOpen</i> , 2014, 3, 910-921.	3.0	89
61	Correlates of gut community composition across an ant species ( <i>Cephalotes</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 1284-1300.	3.9	82
62	Investment in higher order central processing regions is not constrained by brain size in social insects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140217.	2.6	22
63	Body size variation and caste ratios in geographically distinct populations of the invasive big-headed ant, <i>Pheidole megacephala</i> (Hymenoptera: Formicidae). <i>Biological Journal of the Linnean Society</i> , 2014, 113, 423-438.	1.6	23
64	Surveying the Microbiome of Ants: Comparing 454 Pyrosequencing with Traditional Methods To Uncover Bacterial Diversity. <i>Applied and Environmental Microbiology</i> , 2013, 79, 525-534.	3.1	122
65	TESTING THE MUSEUM VERSUS CRADLE TROPICAL BIOLOGICAL DIVERSITY HYPOTHESIS: PHYLOGENY, DIVERSIFICATION, AND ANCESTRAL BIOGEOGRAPHIC RANGE EVOLUTION OF THE ANTS. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 2240-2257.	2.3	290
66	DNA preservation: a test of commonly used preservatives for insects. <i>Invertebrate Systematics</i> , 2013, 27, 81.	1.3	49
67	Bacterial Infections across the Ants: Frequency and Prevalence of <i>Wolbachia</i> , <i>Spiroplasma</i> , and <i>Asaia</i> . <i>Psyche: Journal of Entomology</i> , 2013, 2013, 1-11.	0.9	50
68	A New Species of Seed-harvester Ant, <i>Pogonomyrmex hoelldobleri</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.5	2
69	Report of the 13th Genomic Standards Consortium Meeting, Shenzhen, China, March 4-7, 2012.. <i>Standards in Genomic Sciences</i> , 2012, 6, 276-286.	1.5	3
70	Inferring Phylogenies from RAD Sequence Data. <i>PLoS ONE</i> , 2012, 7, e33394.	2.5	281
71	Host Plant Use by Competing Acacia-Ants: Mutualists Monopolize While Parasites Share Hosts. <i>PLoS ONE</i> , 2012, 7, e37691.	2.5	11
72	A Veritable Menagerie of Heritable Bacteria from Ants, Butterflies, and Beyond: Broad Molecular Surveys and a Systematic Review. <i>PLoS ONE</i> , 2012, 7, e51027.	2.5	107

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73	Highly similar microbial communities are shared among related and trophically similar ant species. <i>Molecular Ecology</i> , 2012, 21, 2282-2296.	3.9	159
74	Fossil Cross-validation of the Dated Ant Phylogeny (Hymenoptera: Formicidae). <i>Entomologica Americana</i> , 2011, 117, 127-133.	0.2	3
75	Fossil Cross-Validation of the Dated Ant Phylogeny (Hymenoptera: Formicidae). <i>Entomologica Americana</i> , 2011, 117, 22-27.	0.2	3
76	What Do Molecular Clocks Tell Us About the Evolution of Ants?. <i>American Entomologist</i> , 2011, 57, 52-53.	0.2	2
77	Biogeography and morphological evolution in a Pacific island ant radiation. <i>Molecular Ecology</i> , 2011, 20, 114-130.	3.9	34
78	Army Ants Harbor a Host-Specific Clade of <i>Entomoplasmatales</i> Bacteria. <i>Applied and Environmental Microbiology</i> , 2011, 77, 346-350.	3.1	68
79	SPECIALIZATION AND GEOGRAPHIC ISOLATION AMONG <i>WOLBACHIA</i> SYMBIONTS FROM ANTS AND LYCAENID BUTTERFLIES. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 624-640.	2.3	148
80	Bacterial gut symbionts are tightly linked with the evolution of herbivory in ants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21236-21241.	7.1	318
81	Unraveling the evolutionary history of the hyperdiverse ant genus <i>Pheidole</i> (Hymenoptera: Formicidae). <i>Systematic Entomology and Biogeography</i> , 2011, 37, 107-115.	2.7	115
82	Exploring phenotypic plasticity and biogeography in emerald moths: A phylogeny of the genus <i>Nemoria</i> (Lepidoptera: Geometridae). <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 477-487.	2.7	20
83	The raiding success of <i>Pheidole megacephala</i> on other ants in both its native and introduced ranges. <i>Comptes Rendus - Biologies</i> , 2008, 331, 631-635.	0.2	18
84	The predatory behavior of <i>Pheidole megacephala</i> . <i>Comptes Rendus - Biologies</i> , 2007, 330, 701-709.	0.2	22
85	Predatory abilities favour the success of the invasive ant <i>Pheidole megacephala</i> in an introduced area. <i>Journal of Applied Entomology</i> , 2007, 131, 625-629.	1.8	27
86	Phylogeny of the Ants: Diversification in the Age of Angiosperms. <i>Science</i> , 2006, 312, 101-104.	12.6	684
87	Ontogenetic Diet Change in the Arthroleptid Frog <i>Schoutedenella xenodactyloides</i> . <i>Journal of Herpetology</i> , 2006, 40, 388-394.	0.5	19
88	Bulldog Ants of the Eocene Okanogan Highlands and History of the Subfamily (Hymenoptera: Formicidae). <i>Systematic Entomology and Biogeography</i> , 2005, 31, 50-57.	2.5	57
89	Influence of interspecific competition on the recruitment behavior and liquid food transport in the tramp ant species <i>Pheidole megacephala</i> . <i>Die Naturwissenschaften</i> , 2005, 92, 324-327.	1.6	27