Nick M Haddad

List of Publications by Citations

64 papers	5,747 citations	31 h-index	65 g-index
65 ext. papers	6,996 ext. citations	8.8 avg, IF	5.56 L-index

#	Paper	IF	Citations
64	Habitat fragmentation and its lasting impact on Earth's ecosystems. *Science Advances*, **2015**, 1, e1500052	14.3	1586
63	Corridors affect plants, animals, and their interactions in fragmented landscapes. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 12923-6	11.5	371
62	Plant species loss decreases arthropod diversity and shifts trophic structure. *Ecology Letters*, **2009**, 12, 1029-39	10	329
61	CORRIDOR USE BY DIVERSE TAXA. *Ecology*, **2003**, 84, 609-615	4.6	277
60	Effects of landscape corridors on seed dispersal by birds. *Science*, **2005**, 309, 146-8	33.3	245
59	Corridors increase plant species richness at large scales. *Science*, **2006**, 313, 1284-6	33.3	235
58	Is habitat fragmentation good for biodiversity?. *Biological Conservation*, **2018**, 226, 9-15	6.2	221
57	The effects of long-term nitrogen loading on grassland insect communities. *Oecologia*, **2000**, 124, 73-84	2.9	175
56	Plant diversity and the stability of foodwebs. *Ecology Letters*, **2011**, 14, 42-6	10	172
55	Global modeling of nature's contributions to people. *Science*, **2019**, 366, 255-258	33.3	137
54	The movement ecology and dynamics of plant communities in fragmented landscapes. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 19078-83	11.5	131
53	Species' traits predict the effects of disturbance and productivity on diversity. *Ecology Letters*, **2008**, 11, 348-56	10	122
52	THE EFFECTS OF PATCH SHAPE ON INDIGO BUNTINGS: EVIDENCE FOR AN ECOLOGICAL TRAP. *Ecology*, **2005**, 86, 1422-1431	4.6	119
51	Connecting models, data, and concepts to understand fragmentation's ecosystem-wide effects. *Ecography*, **2017**, 40, 1-8	6.5	112
50	Degradation in carbon stocks near tropical forest edges. *Nature Communications*, **2015**, 6, 10158	17.4	105
49	LOW-QUALITY HABITAT CORRIDORS AS MOVEMENT CONDUITS FOR TWO BUTTERFLY SPECIES **2005**, 15, 250-257		100
48	International scientists formulate a roadmap for insect conservation and recovery. *Nature Ecology and Evolution*, **2020**, 4, 174-176	12.3	98

47	Experimental evidence does not support the Habitat Amount Hypothesis. *Ecography*, **2017**, 40, 48-55	6.5	97
46	Diversity of plant evolutionary lineages promotes arthropod diversity. *Ecology Letters*, **2012**, 15, 1308-1317	10	94
45	How fragmentation and corridors affect wind dynamics and seed dispersal in open habitats. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 3484-9	11.5	92
44	The conflicting role of matrix habitats as conduits and barriers for dispersal. *Ecology*, **2010**, 91, 944-50	4.6	86
43	Butterfly abundance declines over 20 years of systematic monitoring in Ohio, USA. *PLoS ONE*, **2019**, 14, e0216270	3.7	82
42	Long-term oscillations in grassland productivity induced by drought. *Ecology Letters*, **2002**, 5, 110-120	10	81
41	Potential negative ecological effects of corridors. *Conservation Biology*, **2014**, 28, 1178-87	6	59
40	Ongoing accumulation of plant diversity through habitat connectivity in an 18-year experiment. *Science*, **2019**, 365, 1478-1480	33.3	53
39	Determining optimal population monitoring for rare butterflies. *Conservation Biology*, **2008**, 22, 929-40	6	51
38	Ecosystem engineers maintain a rare species of butterfly and increase plant diversity. *Oikos*, **2010**, 119, 883-890	4	45
37	On Experimentation and the Study of Corridors: Response to Beier and Noss. *Conservation Biology*, **2000**, 14, 1543-1545	6	43
36	The contribution of theory and experiments to conservation in fragmented landscapes. *Ecography*, **2017**, 40, 109-118	6.5	34
35	Distribution, Population Structure and Habitat Use of the Endangered Saint Francis Satyr Butterfly, Neonympha Mitchellii Francisci. *American Midland Naturalist*, **2008**, 159, 298-320	0.7	33
34	Natural, not urban, barriers define population structure for a coastal endemic butterfly. *Conservation Genetics*, **2010**, 11, 2311-2320	2.6	32
33	Connectivity from a different perspective: comparing seed dispersal kernels in connected vs. unfragmented landscapes. *Ecology*, **2016**, 97, 1274-82	4.6	30
32	Corridors and Olfactory Predator Cues Affect Small Mammal Behavior. *Journal of Mammalogy*, **2005**, 86, 662-669	1.8	28
31	Shared and unique responses of insects to the interaction of urbanization and background climate. *Current Opinion in Insect Science*, **2015**, 11, 71-77	5.1	24
30	Robustness and uncertainty in estimates of butterfly abundance from transect counts. *Population Ecology*, **2007**, 49, 191-200	2.1	24

29	Long-term research avoids spurious and misleading trends in sustainability attributes of no-till. *Global Change Biology*, **2020**, 26, 3715-3725	11.4	19
28	Movement and Demography of At-Risk Butterflies: Building Blocks for Conservation. *Annual Review of Entomology*, **2019**, 64, 167-184	21.8	19
27	SPATIAL HETEROGENEITY, NOT VISITATION BIAS, DOMINATES VARIATION IN HERBIVORY. *Ecology*, **2003**, 84, 2214-2221	4.6	17
26	Testing the relative importance of local resources and landscape connectivity on Bombus impatiens (Hymenoptera, Apidae) colonies. *Apidologie*, **2017**, 48, 545-555	2.3	16
25	ECOLOGY. Corridors for people, corridors for nature. *Science*, **2015**, 350, 1166-7	33.3	16
24	Finding the corridor more traveled. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 19569-70	11.5	15
23	Mean body size predicts colony performance in the common eastern bumble bee (Bombus impatiens). *Ecological Entomology*, **2018**, 43, 458-462	2.1	13
22	Disentangling fragmentation effects on herbivory in understory plants of longleaf pine savanna. *Ecology*, **2016**, 97, 2248-2258	4.6	13
21	Ant biodiversity and ecosystem services in bioenergy landscapes. *Agriculture, Ecosystems and Environment*, **2020**, 290, 106780	5.7	12
20	Connectivity increases trophic subsidies in fragmented landscapes. *Ecology Letters*, **2018**, 21, 1620-1628	10	11
19	Resurrection and resilience of the rarest butterflies. *PLoS Biology*, **2018**, 16, e2003488	9.7	9
18	A review of sourdough starters: ecology, practices, and sensory quality with applications for baking and recommendations for future research. *PeerJ*, **2021**, 9, e11389	3.1	9
17	How long do population level field experiments need to be? Utilising data from the 40-year-old LTER network. *Ecology Letters*, **2021**, 24, 1103-1111	10	9
16	Dispersal via stream corridors structures populations of the endangered St. Francis satyr butterfly (Neonympha mitchellii francisci). *Journal of Insect Conservation*, **2012**, 16, 263-273	2.1	6
15	Meeting global challenges with regenerative agriculture producing food and energy. *Nature Sustainability*,	22.1	6
14	Habitat restoration alters adult butterfly morphology and potential fecundity through effects on host plant quality. *Ecosphere*, **2016**, 7, e01522	3.1	6
13	Unexpected functional complementarity from non-bee pollinators enhances cotton yield. *Agriculture, Ecosystems and Environment*, **2021**, 314, 107415	5.7	6
12	Range expansion in an introduced social parasite-host species pair. *Biological Invasions*, **2019**, 21, 2751-2759	2.7	4

List of Publications

11	Landscape heterogeneity is key to forecasting outcomes of plant reintroduction. *Ecological Applications*, **2019**, 29, e01850	4.9	4
10	Bioenergy landscapes drive trophic shifts in generalist ants. *Journal of Animal Ecology*, **2021**, 90, 738-750	4.7	4
9	Connectivity and edge effects increase bee colonization in an experimentally fragmented landscape. *Ecography*, **2021**, 44, 919-927	6.5	3
8	Carrion increases pollination service across an urban gradient. *Urban Ecosystems*, **2021**, 24, 243-250	2.8	2
7	Habitat fragmentation alters the distance of abiotic seed dispersal through edge effects and direction of dispersal. *Ecology*, **2021**, 103, e03586	4.6	1
6	Butterfly abundance declines over 20 years of systematic monitoring in Ohio, USA		1
5	Maintaining historic disturbance regimes increases species' resilience to catastrophic hurricanes. *Global Change Biology*, **2020**, 26, 798-806	11.4	1
4	Optimizing pollinator conservation and crop yield among perennial bioenergy crops. *GCB Bioenergy*, **2021**, 13, 1030-1042	5.6	1
3	Landscape connectivity for the invisibles. *Ecography*,	6.5	1
2	Water Availability Coincides with Population Declines for an Endangered Butterfly. *Diversity*, **2018**, 10, 94	2.5	0
1	Helping to Create a Pathway to Better Conservation. *Conservation Biology*, **2007**, 21, 890-891	6	