

# Nigel E Stork

## List of Publications by Year in descending order

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130  
papers

11,142  
citations

47006

47  
h-index

30922

102  
g-index

142  
all docs

142  
docs citations

142  
times ranked

11157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Forest Cover Change and Ecosystem Services: A Case Study of Community Forest in Mechinagar and Buddhashanti Landscape (MBL), Nepal. <i>Environmental Management</i> , 2021, 67, 963-973.	2.7	10
2	The effect of drought on wood-boring in trees and saplings in tropical rainforests. <i>Forest Ecology and Management</i> , 2021, 489, 119078.	3.2	2
3	Forest restoration and support for sustainable ecosystems in the Gandaki Basin, Nepal. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 563.	2.7	4
4	Land use/land cover change and ecosystem services in the Bagmati River Basin, Nepal. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 651.	2.7	11
5	Forest Cover and Sustainable Development in the Lumbini Province, Nepal: Past, Present and Future. <i>Remote Sensing</i> , 2021, 13, 4093.	4.0	8
6	Recovery of decomposition rates and decomposer invertebrates during rain forest restoration on disused pasture. <i>Biotropica</i> , 2020, 52, 230-241.	1.6	14
7	Is insect vertical distribution in rainforests better explained by distance from the canopy top or distance from the ground?. <i>Biodiversity and Conservation</i> , 2020, 29, 1081-1103.	2.6	14
8	How do herbivorous insects respond to drought stress in trees?. <i>Biological Reviews</i> , 2020, 95, 434-448.	10.4	114
9	Quantifying the drivers of urban expansion in Nepal. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 633.	2.7	16
10	Assessment of Changes in Land Use/Land Cover and Land Surface Temperatures and Their Impact on Surface Urban Heat Island Phenomena in the Kathmandu Valley (1988â€“2018). <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 726.	2.9	35
11	Scientists' warning to humanity on insect extinctions. <i>Biological Conservation</i> , 2020, 242, 108426.	4.1	458
12	Final countdown for biodiversity hotspots. <i>Conservation Letters</i> , 2019, 12, e12668.	5.7	73
13	Effects of land use and land cover change on ecosystem services in the Koshi River Basin, Eastern Nepal. <i>Ecosystem Services</i> , 2019, 38, 100963.	5.4	173
14	Lianas as a food resource for herbivorous insects: a comparison with trees. <i>Biological Reviews</i> , 2019, 94, 1416-1429.	10.4	14
15	Simulating urban expansion in a rapidly changing landscape in eastern Tarai, Nepal. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 255.	2.7	41
16	Temporal variation in abundance of leaf litter beetles and ants in an Australian lowland tropical rainforest is driven by climate and litter fall. <i>Biodiversity and Conservation</i> , 2018, 27, 2625-2640.	2.6	9
17	How Many Species of Insects and Other Terrestrial Arthropods Are There on Earth?. <i>Annual Review of Entomology</i> , 2018, 63, 31-45.	11.8	777
18	Spatial Assessment of the Potential Impact of Infrastructure Development on Biodiversity Conservation in Lowland Nepal. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 365.	2.9	12

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19	Urban Expansion Occurred at the Expense of Agricultural Lands in the Tarai Region of Nepal from 1989 to 2016. <i>Sustainability</i> , 2018, 10, 1341.	3.2	71
20	Seasonal variation in a diverse beetle assemblage along two elevational gradients in the Australian Wet Tropics. <i>Scientific Reports</i> , 2018, 8, 8559.	3.3	18
21	Edge effects and beta diversity in ground and canopy beetle communities of fragmented subtropical forest. <i>PLoS ONE</i> , 2018, 13, e0193369.	2.5	9
22	Increasing biodiversity in urban green spaces through simple vegetation interventions. <i>Journal of Applied Ecology</i> , 2017, 54, 1874-1883.	4.0	180
23	Conserving herbivorous and predatory insects in urban green spaces. <i>Scientific Reports</i> , 2017, 7, 40970.	3.3	54
24	Beetle assemblages in rainforest gaps along a subtropical to tropical latitudinal gradient. <i>Biodiversity and Conservation</i> , 2017, 26, 1689-1703.	2.6	2
25	Consistency of effects of tropical forest disturbance on species composition and richness relative to use of indicator taxa. <i>Conservation Biology</i> , 2017, 31, 924-933.	4.7	20
26	Modeling of ecosystem services informs spatial planning in lands adjacent to the Sarvelat and Javaherdasht protected area in northern Iran. <i>Land Use Policy</i> , 2017, 61, 487-500.	5.6	42
27	Anthropogenic Decline of Ecosystem Services Threatens the Integrity of the Unique Hyrcanian (Caspian) Forests in Northern Iran. <i>Forests</i> , 2016, 7, 51.	2.1	32
28	Ecosystem Service Changes and Livelihood Impacts in the Maguri-Motapung Wetlands of Assam, India. <i>Land</i> , 2016, 5, 15.	2.9	31
29	Vertical stratification of beetles in tropical rainforests as sampled by light traps in North Queensland, Australia. <i>Austral Ecology</i> , 2016, 41, 168-178.	1.5	15
30	Preface: Professor Roger Kitching. <i>Austral Ecology</i> , 2016, 41, 117-119.	1.5	1
31	Growing City and Rapid Land Use Transition: Assessing Multiple Hazards and Risks in the Pokhara Valley, Nepal. <i>Land</i> , 2015, 4, 957-978.	2.9	53
32	Ecosystem services and livelihoods in a changing climate: Understanding local adaptations in the Upper Koshi, Nepal. <i>International Journal of Biodiversity Science, Ecosystem Services &amp; Management</i> , 2015, 11, 145-155.	2.9	86
33	The conservation value of urban green space habitats for Australian native bee communities. <i>Biological Conservation</i> , 2015, 187, 240-248.	4.1	163
34	New approaches narrow global species estimates for beetles, insects, and terrestrial arthropods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7519-7523.	7.1	300
35	Logging cuts the functional importance of invertebrates in tropical rainforest. <i>Nature Communications</i> , 2015, 6, 6836.	12.8	127
36	The specialization and structure of antagonistic and mutualistic networks of beetles on rainforest canopy trees. <i>Biological Journal of the Linnean Society</i> , 2015, 114, 287-295.	1.6	19

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37	Can biodiversity hotspots protect more than tropical forest plants and vertebrates?. Journal of Biogeography, 2014, 41, 421-428.	3.0	38
38	Canopy invertebrate community composition on rainforest trees: Different microhabitats support very different invertebrate communities. Austral Ecology, 2014, 39, 367-377.	1.5	11
39	Low host specificity of beetles associated with fruit falls in lowland tropical rainforest of north-east Australia. Austral Entomology, 2014, 53, 75-82.	1.4	4
40	Economic evaluation of ecosystem goods and services under different landscape management scenarios. Land Use Policy, 2014, 39, 54-64.	5.6	60
41	Spatial assessment and mapping of biodiversity and conservation priorities in a heavily modified and fragmented production landscape in north-central Victoria, Australia. Ecological Indicators, 2014, 36, 552-562.	6.3	123
42	Measuring and managing ecosystem goods and services in changing landscapes: a south-east Australian perspective. Journal of Environmental Planning and Management, 2014, 57, 961-983.	4.5	43
43	Revisiting crisis, change and institutions in the tropical forests: The multifunctional transition in Australia's Wet Tropics. Journal of Rural Studies, 2014, 36, 99-107.	4.7	8
44	Biodiversity: Conservation. , 2014, , 59-65.		0
45	Species richness and temporal partitioning in the beetle fauna of oak trees ( <i>Quercus robur</i> L.) in Richmond Park, UK. Insect Conservation and Diversity, 2013, 6, 67-81.	3.0	13
46	Body size variation among invertebrates inhabiting different canopy microhabitat: flower visitors are smaller. Ecological Entomology, 2013, 38, 101-111.	2.2	11
47	Variation in beetle community structure across five microhabitats in Australian tropical rainforest trees. Insect Conservation and Diversity, 2013, 6, 463-472.	3.0	19
48	Estimating global arthropod species richness: refining probabilistic models using probability bounds analysis. Oecologia, 2013, 171, 357-365.	2.0	51
49	Can We Name Earth's Species Before They Go Extinct?. Science, 2013, 339, 413-416.	12.6	479
50	Insects on flowers. Communicative and Integrative Biology, 2013, 6, e22509.	1.4	1
51	Response to Comments on "Can We Name Earth's Species Before They Go Extinct?". Science, 2013, 341, 237-237.	12.6	22
52	Spatial assessment of ecosystem goods and services in complex production landscapes: A case study from south-eastern Australia. Ecological Complexity, 2013, 13, 35-45.	2.9	83
53	Specialization of rainforest canopy beetles to host trees and microhabitats: not all specialists are leaf-feeding herbivores. Biological Journal of the Linnean Society, 2013, 109, 215-228.	1.6	24
54	Feeding guild structure of beetles on Australian tropical rainforest trees reflects microhabitat resource availability. Journal of Animal Ecology, 2012, 81, 1086-1094.	2.8	44

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55	The Overlooked Biodiversity of Flower-Visiting Invertebrates. PLoS ONE, 2012, 7, e45796.	2.5	37
56	Status and Threats in the Dynamic Landscapes of Northern Australia's Tropical Rainforest Biodiversity Hotspot: The Wet Tropics. , 2011, , 311-332.		12
57	Re-assessing current extinction rates. Biodiversity and Conservation, 2010, 19, 357-371.	2.6	161
58	Geography and Indonesian oil-palm expansion. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, E171; author reply E172.	7.1	5
59	Quantifying Uncertainty in Estimation of Tropical Arthropod Species Richness. American Naturalist, 2010, 176, 90-95.	2.1	199
60	Rainforest Science and its Application. , 2009, , 610-617.		1
61	Lessons for Other Tropical Forest Landscapes. , 2009, , 618-622.		0
62	Environmental Impacts of Tourism and Recreation in the Wet Tropics. , 2009, , 349-356.		1
63	How do beetle assemblages respond to cyclonic disturbance of a fragmented tropical rainforest landscape?. Oecologia, 2009, 161, 591-599.	2.0	24
64	Seasonality of a Diverse Beetle Assemblage Inhabiting Lowland Tropical Rain Forest in Australia. Biotropica, 2009, 41, 328-337.	1.6	71
65	Vulnerability and Resilience of Tropical Forest Species to Land Use Change. Conservation Biology, 2009, 23, 1438-1447.	4.7	90
66	The Potential for Species Conservation in Tropical Secondary Forests. Conservation Biology, 2009, 23, 1406-1417.	4.7	489
67	Impacts of Tropical Cyclones on Forests in the Wet Tropics of Australia. , 2009, , 47-58.		15
68	Catchment to Reef: Water Quality and Ecosystem Health in Tropical Streams. , 2009, , 557-576.		4
69	Re-assessing current extinction rates. Topics in Biodiversity and Conservation, 2009, , 45-59.	1.0	1
70	Do edge effects increase the susceptibility of rainforest fragments to structural damage resulting from a severe tropical cyclone?. Austral Ecology, 2008, 33, 525-531.	1.5	14
71	What determines whether a species of insect is described? Evidence from a study of tropical forest beetles. Insect Conservation and Diversity, 2008, 1, 114-119.	3.0	34
72	Temporal and spatial variation in an Australian tropical rainforest. Austral Ecology, 2007, 32, 10-20.	1.5	46

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73	Tropical rainforest canopies and climate change. <i>Austral Ecology</i> , 2007, 32, 105-112.	1.5	15
74	Ant mosaics in a tropical rainforest in Australia and elsewhere: A critical review. <i>Austral Ecology</i> , 2007, 32, 93-104.	1.5	105
75	World of insects. <i>Nature</i> , 2007, 448, 657-658.	27.8	41
76	Vertical stratification of feeding guilds and body size in beetle assemblages from an Australian tropical rainforest. <i>Austral Ecology</i> , 2007, 32, 77-85.	1.5	74
77	Australian tropical forest canopy crane: New tools for new frontiers. <i>Austral Ecology</i> , 2007, 32, 4-9.	1.5	36
78	Editorial: Dynamics and processes in the canopy of an Australian tropical rainforest. <i>Austral Ecology</i> , 2007, 32, 2-3.	1.5	1
79	Beetle assemblages from an Australian tropical rainforest show that the canopy and the ground strata contribute equally to biodiversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1969-1975.	2.6	112
80	Bottom-up control and co-occurrence in complex communities: honeydew and nectar determine a rainforest ant mosaic. <i>Oikos</i> , 2004, 106, 344-358.	2.7	196
81	Biodiversity Meets the Atmosphere: A Global View of Forest Canopies. <i>Science</i> , 2003, 301, 183-186.	12.6	295
82	Finding the host tree species of <i>Notiobia nebrionides</i> Perty (Coleoptera, Carabidae), a member of the seed-feeding guild at fruit falls in Amazonian non-inundated lowland rainforest. <i>Journal of Natural History</i> , 2003, 37, 839-844.	0.5	5
83	The diversity and abundance of ants in relation to forest disturbance and plantation establishment in southern Cameroon. <i>Journal of Applied Ecology</i> , 2002, 39, 18-30.	4.0	78
84	The Structure of Ground Beetle Assemblages (Coleoptera: Carabidae) at Fruit Falls of Melastomataceae Trees in a Brazilian Terra Firme Rain Forest <sup>1</sup> . <i>Biotropica</i> , 2002, 34, 368-375.	1.6	15
85	The structure of ground beetle assemblages (Coleoptera: Carabidae) at fig fruit falls (Moraceae) in a terra firme rain forest near Manaus (Brazil). <i>Journal of Tropical Ecology</i> , 2001, 17, 549-561.	1.1	26
86	Title is missing!. <i>Biodiversity and Conservation</i> , 2001, 10, 793-813.	2.6	65
87	The management implications of canopy research. <i>Plant Ecology</i> , 2001, 153, 313-317.	1.6	8
88	The spatial distribution of beetles within the canopies of oak trees in Richmond Park, U.K.. <i>Ecological Entomology</i> , 2001, 26, 302-311.	2.2	41
89	The management implications of canopy research. <i>Forestry Sciences</i> , 2001, , 313-317.	0.4	0
90	An inordinate fondness for beetles. <i>Invertebrate Systematics</i> , 2000, 14, 733.	1.3	52

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91	The Conservation of Saproxyllic Insects in Tropical Forests: A Research Agenda. <i>Journal of Insect Conservation</i> , 1999, 3, 67-74.	1.4	31
92	Estimating the number of species on Earth. , 1999, , 1-7.		5
93	Biodiversity inventories, indicator taxa and effects of habitat modification in tropical forest. <i>Nature</i> , 1998, 391, 72-76.	27.8	930
94	BEETLE SPECIES RESPONSES TO TROPICAL FOREST FRAGMENTATION. <i>Ecological Monographs</i> , 1998, 68, 295-323.	5.4	347
95	Beetle Species Responses to Tropical Forest Fragmentation. <i>Ecological Monographs</i> , 1998, 68, 295.	5.4	21
96	Biodiversity and Landscapes.. <i>Journal of Ecology</i> , 1997, 85, 551.	4.0	2
97	Impact of Forest Management on Insect Abundance and Damage in a Lowland Tropical Forest in Southern Cameroon. <i>Journal of Applied Ecology</i> , 1997, 34, 985.	4.0	47
98	Craning for a better view: the canopy crane network. <i>Trends in Ecology and Evolution</i> , 1997, 12, 418-420.	8.7	19
99	Biodiversity Measurement and Estimation. <i>Journal of Animal Ecology</i> , 1996, 65, 530.	2.8	0
100	Tropical forest dynamics: the faunal components. <i>Monographiae Biologicae</i> , 1996, , 1-20.	0.1	3
101	Insects in fragmented forests: a functional approach. <i>Trends in Ecology and Evolution</i> , 1996, 11, 255-260.	8.7	555
102	Inventorying and monitoring biodiversity. <i>Trends in Ecology and Evolution</i> , 1996, 11, 39-40.	8.7	39
103	Composition of spider communities in the canopies of rainforest trees in Borneo. <i>Journal of Tropical Ecology</i> , 1995, 11, 223-235.	1.1	25
104	Abundance and diversity of spiders from the canopy of tropical rainforests with particular reference to Sulawesi, Indonesia. <i>Journal of Tropical Ecology</i> , 1994, 10, 545-558.	1.1	42
105	How many species are there?. <i>Biodiversity and Conservation</i> , 1993, 2, 215-232.	2.6	172
106	Extinction or 'co-extinction' rates?. <i>Nature</i> , 1993, 366, 307-307.	27.8	115
107	Relationships between abundance and body size: where do tourists fit?. <i>Ecological Entomology</i> , 1993, 18, 310-314.	2.2	30
108	The Relationship between Abundance and Body Size in Natural Animal Assemblages. <i>Journal of Animal Ecology</i> , 1993, 62, 519.	2.8	170

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109	Abundance, Body Size and Biomass of Arthropods in Tropical Forest. <i>Oikos</i> , 1993, 67, 483.	2.7	89
110	Temporal dynamics of body size of beetles on oaks: a cautionary tale. <i>Ecological Entomology</i> , 1993, 18, 399-401.	2.2	5
111	Reproductive seasonality of the ground and tiger beetle (Coleoptera: Carabidae, Cicindelidae) fauna in North Sulawesi (Indonesia). <i>Studies on Neotropical Fauna and Environment</i> , 1992, 27, 101-115.	1.0	4
112	Invertebrates as determinants and indicators of soil quality. <i>Renewable Agriculture and Food Systems</i> , 1992, 7, 38-47.	0.5	189
113	The Role of Ground Beetles in Ecological and Environmental Studies. <i>Journal of Animal Ecology</i> , 1991, 60, 1103.	2.8	0
114	The composition of the arthropod fauna of Bornean lowland rain forest trees. <i>Journal of Tropical Ecology</i> , 1991, 7, 161-180.	1.1	163
115	New evidence on the phylogeny and biogeography of the Amphizoidae: Discovery of a new species from China (Coleoptera). <i>Systematic Entomology</i> , 1991, 16, 253-256.	3.9	2
116	Densities and biomass of invertebrates in stands of rotationally managed coppice woodland. <i>Biological Conservation</i> , 1990, 51, 167-176.	4.1	14
117	Species number, species abundance and body length relationships of arboreal beetles in Bornean lowland rain forest trees. <i>Ecological Entomology</i> , 1988, 13, 25-37.	2.2	224
118	Insect diversity: facts, fiction and speculation*. <i>Biological Journal of the Linnean Society</i> , 1988, 35, 321-337.	1.6	397
119	Guild structure of arthropods from Bornean rain forest trees. <i>Ecological Entomology</i> , 1987, 12, 69-80.	2.2	155
120	Canopy fogging, a method of collecting living insects for investigations of life history strategies. <i>Journal of Natural History</i> , 1987, 21, 563-566.	0.5	14
121	Arthropod faunal similarity of Bornean rain forest trees. <i>Ecological Entomology</i> , 1987, 12, 219-226.	2.2	66
122	The seasonality and distribution of Neuroptera, Raphidioptera and Mecoptera on oaks in Richmond Park, Surrey, as revealed by insecticide knock-down sampling. <i>Journal of Natural History</i> , 1986, 20, 1321-1331.	0.5	20
123	The Hiletini, an ancient and enigmatic tribe of Carabidae with a pantropical distribution (Coleoptera). <i>Systematic Entomology</i> , 1985, 10, 405-451.	3.9	14
124	The adherence of beetle tarsal setae to glass. <i>Journal of Natural History</i> , 1983, 17, 583-597.	0.5	90
125	A comparison of the adhesive setae on the feet of lizards and arthropods. <i>Journal of Natural History</i> , 1983, 17, 829-835.	0.5	93
126	A scanning electron microscope study of tarsal adhesive setae in the Coleoptera. <i>Zoological Journal of the Linnean Society</i> , 1980, 68, 173-306.	2.3	177



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127	ROLE OF WAXBLOOMS IN PREVENTING ATTACHMENT TO BRASSICAS BY THE MUSTARD BEETLE, <i>PHAEDON COCHLEARIAE</i>. Entomologia Experimentalis Et Applicata, 1980, 28, 100-107.	1.4	106
128	Experimental Analysis of Adhesion Of <i>Chrysolina Polita</i> (Chrysomelidae: Coleoptera) On A Variety of Surfaces. Journal of Experimental Biology, 1980, 88, 91-108.	1.7	247
129	Tarsal setae in Coleoptera. Arthropod Structure and Development, 1976, 5, 219-221.	0.4	29
130	Food versus wildlife: Will biodiversity hotspots benefit from healthier diets?. Global Ecology and Biogeography, 0, , .	5.8	1