

# Stephen D Hopper

## List of Publications by Year in descending order

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122  
papers

6,246  
citations

87723

38  
h-index

74018

75  
g-index

125  
all docs

125  
docs citations

125  
times ranked

5909  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant mating system dynamics in restoration: a comparison of restoration and remnant populations of <i>Hakea laurina</i> (Proteaceae). <i>Restoration Ecology</i> , 2022, 30, .	1.4	1
2	The Noongar of south-western Australia: a case study of long-term biodiversity conservation in a matrix of old and young landscapes. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 432-448.	0.7	11
3	The role of landscape history in the distribution and conservation of threatened flora in the Southwest Australian Floristic Region. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 394-410.	0.7	5
4	Evaluating restoration outcomes through assessment of pollen dispersal, mating system, and genetic diversity. <i>Restoration Ecology</i> , 2021, 29, e13335.	1.4	4
5	Soil and plant outcomes of harvesting a Noongar staple geophyte in south-western Australia. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 418-431.	0.7	6
6	Landscape and taxon age are associated with differing patterns of hybridization in two <i>Eucalyptus</i> (Myrtaceae) subgenera. <i>Annals of Botany</i> , 2021, 127, 49-62.	1.4	13
7	Modelling the impact of canker disease and fire regimes on the population dynamics and extinction risk of the Critically Endangered and granite endemic shrub. <i>Australian Journal of Botany</i> , 2021, 69, 274-284.	0.3	6
8	Inselberg floristics exemplify the coast to inland OCBIL transition in a global biodiversity hotspot. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 624-644.	0.7	6
9	Traits related to efficient acquisition and use of phosphorus promote diversification in Proteaceae in phosphorus-impoverished landscapes. <i>Plant and Soil</i> , 2021, 462, 67-88.	1.8	26
10	OCBIL theory: a new science for old ecosystems. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 251-265.	0.7	8
11	Out of the OCBILs: new hypotheses for the evolution, ecology and conservation of the eucalypts. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 342-372.	0.7	11
12	OCBIL theory examined: reassessing evolution, ecology and conservation in the world's ancient, climatically buffered and infertile landscapes. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 266-296.	0.7	36
13	Contrasting patterns of population divergence on young and old landscapes in <i>Banksia seminuda</i> (Proteaceae), with evidence for recognition of subspecies. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 449-463.	0.7	7
14	Effectiveness of native nectar-feeding birds and the introduced <i>Apis mellifera</i> as pollinators of the kangaroo paw, <i>Anigozanthos manglesii</i> (Haemodoraceae). <i>Australian Journal of Botany</i> , 2020, 68, 14.	0.3	3
15	Platysace (Apiaceae) of south-western Australia: silent story tellers of an ancient human landscape. <i>Biological Journal of the Linnean Society</i> , 2020, 130, 61-78.	0.7	11
16	Contemporary distribution of <i>Macrozamia dyeri</i> (Zamiaceae) is correlated with patterns of Nyungar occupation in south-east coastal Western Australia. <i>Austral Ecology</i> , 2020, 45, 933-947.	0.7	7
17	Rarity or decline: Key concepts for the Red List of Australian eucalypts. <i>Biological Conservation</i> , 2020, 243, 108455.	1.9	15
18	Pollen dispersal, pollen immigration, mating and genetic diversity in restoration of the southern plains <i>Banksia</i> . <i>Biological Journal of the Linnean Society</i> , 2020, 129, 773-792.	0.7	7

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19	Revisiting the taxonomy of the Neotropical Haemodoraceae (Commelinales). <i>PhytoKeys</i> , 2020, 169, 1-59.	0.4	4
20	High species diversity and turnover in granite inselberg floras highlight the need for a conservation strategy protecting many outcrops. <i>Ecology and Evolution</i> , 2019, 9, 7660-7675.	0.8	34
21	Conservation of old individual trees and small populations is integral to maintain species' genetic diversity of a historically fragmented woody perennial. <i>Molecular Ecology</i> , 2019, 28, 3339-3357.	2.0	30
22	Primary pollinator exclusion has divergent consequences for pollen dispersal and mating in different populations of a bird-pollinated tree. <i>Molecular Ecology</i> , 2019, 28, 4883-4898.	2.0	13
23	Assessment of genetic diversity and mating system of <i>Acacia cyclops</i> restoration and remnant populations. <i>Restoration Ecology</i> , 2019, 27, 1327-1338.	1.4	13
24	Near-neighbour optimal outcrossing in the bird-pollinated <i>Anigozanthos manglesii</i> . <i>Annals of Botany</i> , 2019, 124, 423-436.	1.4	8
25	Phylogenomics shows lignotuber state is taxonomically informative in closely related eucalypts. <i>Molecular Phylogenetics and Evolution</i> , 2019, 135, 236-248.	1.2	14
26	Genetic Diversity, Mating System, and Reproductive Output of Restored <i>Melaleuca acuminata</i> Populations are Comparable to Natural Remnant Populations. <i>Ecological Restoration</i> , 2019, 37, 222-232.	0.5	7
27	Natural hybridization in the context of Ocbil theory. <i>South African Journal of Botany</i> , 2018, 118, 284-289.	1.2	19
28	Understanding the long-term impact of prescribed burning in mediterranean-climate biodiversity hotspots, with a focus on south-western Australia. <i>International Journal of Wildland Fire</i> , 2018, 27, 643.	1.0	33
29	Novel Consequences of Bird Pollination for Plant Mating. <i>Trends in Plant Science</i> , 2017, 22, 395-410.	4.3	92
30	A new phytogeographic map for the Southwest Australian Floristic Region after an exceptional decade of collection and discovery. <i>Botanical Journal of the Linnean Society</i> , 2017, 184, 1-15.	0.8	53
31	Botanical illustration and photography: a southern hemisphere perspective. <i>Australian Systematic Botany</i> , 2017, 30, 291.	0.3	7
32	Human Niche Construction: Noongar Evidence in Pre-colonial Southwestern Australia. <i>Conservation and Society</i> , 2017, 15, 201.	0.4	20
33	Mutualists or parasites? Context-dependent influence of symbiotic fly larvae on carnivorous investment in the Albany pitcher plant. <i>Royal Society Open Science</i> , 2016, 3, 160690.	1.1	5
34	Paternity analysis reveals wide pollen dispersal and high multiple paternity in a small isolated population of the bird-pollinated <i>Eucalyptus caesia</i> (Myrtaceae). <i>Heredity</i> , 2016, 117, 460-471.	1.2	34
35	Worldwide destruction of inselbergs and related rock outcrops threatens a unique ecosystem. <i>Biodiversity and Conservation</i> , 2016, 25, 2827-2830.	1.2	56
36	Biodiversity hotspots and Ocbil theory. <i>Plant and Soil</i> , 2016, 403, 167-216.	1.8	146

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37	Variation in plant diversity in mediterranean climate ecosystems: the role of climatic and topographical stability. <i>Journal of Biogeography</i> , 2015, 42, 552-564.	1.4	104
38	Does integrated conservation of terrestrial orchids work?. <i>Lankesteriana</i> , 2015, 7, .	0.2	2
39	Specialized ecological interactions and plant species rarity: The role of pollinators and mycorrhizal fungi across multiple spatial scales. <i>Biological Conservation</i> , 2014, 169, 285-295.	1.9	63
40	Isolated with persistence or dynamically connected? Genetic patterns in a common granite outcrop endemic. <i>Diversity and Distributions</i> , 2014, 20, 987-1001.	1.9	54
41	Prolonged isolation and persistence of a common endemic on granite outcrops in both mesic and semi-arid environments in south-western Australia. <i>Journal of Biogeography</i> , 2014, 41, 2032-2044.	1.4	43
42	Rapid Characterisation of Vegetation Structure to Predict Refugia and Climate Change Impacts across a Global Biodiversity Hotspot. <i>PLoS ONE</i> , 2014, 9, e82778.	1.1	56
43	From Botany Bay to Breathing Planet: an Australian perspective on plant diversity and global sustainability. <i>Pacific Conservation Biology</i> , 2013, 19, 356.	0.5	2
44	Exploring rock fissures: does a specialized root morphology explain endemism on granite outcrops?. <i>Annals of Botany</i> , 2012, 110, 291-300.	1.4	60
45	Phosphorus-mobilization ecosystem engineering: the roles of cluster roots and carboxylate exudation in young P-limited ecosystems. <i>Annals of Botany</i> , 2012, 110, 329-348.	1.4	149
46	Refugia: identifying and understanding safe havens for biodiversity under climate change. <i>Global Ecology and Biogeography</i> , 2012, 21, 393-404.	2.7	786
47	Little evidence for fire-adapted plant traits in Mediterranean climate regions. <i>Trends in Plant Science</i> , 2011, 16, 69-76.	4.3	162
48	Response to Keeley et al.: Fire as an evolutionary pressure shaping plant traits. <i>Trends in Plant Science</i> , 2011, 16, 405.	4.3	19
49	The Role of Botanic Gardens in the Science and Practice of Ecological Restoration. <i>Conservation Biology</i> , 2011, 25, no-no.	2.4	48
50	Orchid biogeography and factors associated with rarity in a biodiversity hotspot, the Southwest Australian Floristic Region. <i>Journal of Biogeography</i> , 2011, 38, 487-501.	1.4	67
51	Do mycorrhizal symbioses cause rarity in orchids?. <i>Journal of Ecology</i> , 2011, 99, 858-869.	1.9	104
52	Sand-binding roots in Haemodoraceae: global survey and morphology in a phylogenetic context. <i>Plant and Soil</i> , 2011, 348, 453-470.	1.8	30
53	Plant mineral nutrition in ancient landscapes: high plant species diversity on infertile soils is linked to functional diversity for nutritional strategies. <i>Plant and Soil</i> , 2011, 348, 7-27.	1.8	99
54	Plant conservation at the crossroads. <i>Oryx</i> , 2011, 45, 155-156.	0.5	1

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55	Plant conservation for the next decade: a celebration of Kew's 250th anniversary. <i>Kew Bulletin</i> , 2010, 65, 497-500.	0.4	1
56	Plant mineral nutrition in ancient landscapes: high plant species diversity on infertile soils is linked to functional diversity for nutritional strategies. <i>Plant and Soil</i> , 2010, 334, 11-31.	1.8	323
57	Dormancy, germination and seed bank storage: a study in support of <i>ex situ</i> conservation of macrophytes of southwest Australian temporary pools. <i>Freshwater Biology</i> , 2010, 55, 1118-1129.	1.2	36
58	660. <i>NUYTSIA FLORIBUNDA</i> . Curtis's Botanical Magazine, 2010, 26, 333-368.	0.1	8
59	Comparative longevity and low-temperature storage of seeds of Hydatellaceae and temporary pool species of south-west Australia. <i>Australian Journal of Botany</i> , 2010, 58, 327.	0.3	14
60	Pollination ecology and the possible impacts of environmental change in the Southwest Australian Biodiversity Hotspot. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 517-528.	1.8	69
61	A new type of specialized morphophysiological dormancy and seed storage behaviour in Hydatellaceae, an early-divergent angiosperm family. <i>Annals of Botany</i> , 2010, 105, 1053-1061.	1.4	29
62	An introduction to <i>Caladenia R.Br.</i> - Australasia's jewel among terrestrial orchids. <i>Australian Journal of Botany</i> , 2009, 57, ii.	0.3	4
63	Taxonomic turmoil down-under: recent developments in Australian orchid systematics. <i>Annals of Botany</i> , 2009, 104, 447-455.	1.4	28
64	Analyses of cpDNA matK sequence data place <i>Tillaea</i> (Crassulaceae) within <i>Crassula</i> . <i>Plant Systematics and Evolution</i> , 2009, 283, 211-217.	0.3	9
65	OCBIL theory: towards an integrated understanding of the evolution, ecology and conservation of biodiversity on old, climatically buffered, infertile landscapes. <i>Plant and Soil</i> , 2009, 322, 49-86.	1.8	473
66	<i>Isoetes eludens</i> (Isoetaceae), a new endemic species from the Kamiesberg, Northern Cape, South Africa. <i>Kew Bulletin</i> , 2009, 64, 123-128.	0.4	6
67	Molecular phylogenetics of Haemodoraceae in the Greater Cape and Southwest Australian Floristic Regions. <i>Molecular Phylogenetics and Evolution</i> , 2009, 51, 19-30.	1.2	47
68	Darwin as a plant scientist: a Southern Hemisphere perspective. <i>Trends in Plant Science</i> , 2009, 14, 421-435.	4.3	12
69	Plant science research in botanic gardens. <i>Trends in Plant Science</i> , 2009, 14, 575-577.	4.3	50
70	Biogeography of <i>Caladenia</i> (Orchidaceae), with special reference to the South-west Australian Floristic Region. <i>Australian Journal of Botany</i> , 2009, 57, 259.	0.3	26
71	Two new rare species and a new hybrid in <i>Eucalyptus</i> series <i>Tetrapterae</i> (Myrtaceae) from southern coastal Western Australia. <i>Australian Systematic Botany</i> , 2009, 22, 180.	0.3	0
72	<i>Pseudanthium</i> development in <i>Calycopeplus paucifolius</i> , with particular reference to the evolution of the cyathium in Euphorbieae (Euphorbiaceae - Malpighiales). <i>Australian Systematic Botany</i> , 2008, 21, 153.	0.3	17

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73	A revision of Australia's hammer orchids ( <i>Drakaea</i> : Orchidaceae), with some field data on species-specific sexually deceived wasp pollinators. <i>Australian Systematic Botany</i> , 2007, 20, 252.	0.3	44
74	New Life for Systematics. <i>Science</i> , 2007, 316, 1097-1097.	6.0	2
75	Threat syndromes and conservation of the Australian flora. <i>Biological Conservation</i> , 2007, 134, 73-82.	1.9	93
76	Granite outcrops as ancient islands in old landscapes: evidence from the phylogeography and population genetics of <i>Eucalyptus caesia</i> (Myrtaceae) in Western Australia. <i>Biological Journal of the Linnean Society</i> , 2007, 93, 177-188.	0.7	96
77	Population-size effects on seeds and seedlings from fragmented eucalypt populations: implications for seed sourcing for ecological restoration. <i>Australian Journal of Botany</i> , 2007, 55, 390.	0.3	32
78	Australia's wasp-pollinated flying duck orchids revised ( <i>Paracaleana</i> : Orchidaceae). <i>Australian Systematic Botany</i> , 2006, 19, 211.	0.3	17
79	A Molecular Phylogenetic Study of Generic and Subgeneric Relationships in the Southwest Australian Endemics <i>Conostylis</i> and <i>Blancoa</i> (Haemodoraceae). <i>Aliso</i> , 2006, 22, 527-538.	0.4	7
80	Preface to 'Generic Concepts and Modern Taxonomy'. <i>Australian Systematic Botany</i> , 2005, 18, 1.	0.3	2
81	The Southwest Australian Floristic Region: Evolution and Conservation of a Global Hot Spot of Biodiversity. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2004, 35, 623-650.	3.8	644
82	South-western Australia, Cinderella of the world's temperate floristic regions, 2. <i>Curtis's Botanical Magazine</i> , 2004, 21, 132-180.	0.1	7
83	Robert Brown's <i>Caladenia</i> revisited, including a revision of its sister genera <i>Cyanicula</i> , <i>Ericksonella</i> and <i>Pheladenia</i> (Caladeniinae: Orchidaceae). <i>Australian Systematic Botany</i> , 2004, 17, 171.	0.3	35
84	Impact of two wildfires on endemic granite outcrop vegetation in Western Australia. <i>Journal of Vegetation Science</i> , 2003, 14, 185-194.	1.1	63
85	Plate 466. <i>Anigozanthos Rufus</i> Haemodoraceae. <i>Curtis's Botanical Magazine</i> , 2003, 20, 80-86.	0.1	1
86	Plate 467. <i>Caladenia Drummondii</i> Orchidaceae. <i>Curtis's Botanical Magazine</i> , 2003, 20, 87-93.	0.1	1
87	South-western Australia, Cinderella of the World's Temperate Floristic Regions 1. <i>Curtis's Botanical Magazine</i> , 2003, 20, 101-126.	0.1	7
88	Monocotyledonous geophytes: comparison of south-western Australia with other areas of mediterranean climate. <i>Australian Journal of Botany</i> , 2003, 51, 129.	0.3	28
89	Impact of two wildfires on endemic granite outcrop vegetation in Western Australia. , 2003, 14, 185.		10
90	A Method for Setting the Size of Plant Conservation Target Areas. <i>Conservation Biology</i> , 2001, 15, 603-616.	2.4	66

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91	A phylogenetic analysis of Diurideae (Orchidaceae) based on plastid DNA sequence data. American Journal of Botany, 2001, 88, 1903-1914.	0.8	114
92	From Dampier to DNA: the 300-year-old mystery of the identity and proposed allopolyploid origin of <i>Conostylis stylidioides</i> (Haemodoraceae). Australian Journal of Botany, 2001, 49, 611.	0.3	11
93	How well do phylogenetic studies inform the conservation of Australian plants?. Australian Journal of Botany, 2000, 48, 321.	0.3	10
94	Preface to 'Genetics and Conservation of Australian Flora'. Australian Journal of Botany, 2000, 48, 1.	0.3	1
95	A molecular phylogenetic analysis of the bloodroot and kangaroo paw family, Haemodoraceae: taxonomic, biogeographic and conservation implications. Botanical Journal of the Linnean Society, 1999, 131, 285-299.	0.8	33
96	Conservation genetics and clonality in two critically endangered eucalypts from the highly endemic south-western Australian flora. Biological Conservation, 1999, 88, 321-331.	1.9	59
97	A molecular phylogenetic analysis of the bloodroot and kangaroo paw family, Haemodoraceae: taxonomic, biogeographic and conservation implications. Botanical Journal of the Linnean Society, 1999, 131, 285-299.	0.8	4
98	An Australian Perspective on Plant Conservation Biology in Practice. , 1998, , 255-278.		1
99	An Australian Perspective on Plant Conservation Biology in Practice. , 1998, , 255-278.		5
100	DNA fingerprinting of <i>Eucalyptus graniticola</i> : a critically endangered relict species or a rare hybrid?. Heredity, 1997, 79, 310-318.	1.2	36
101	The Mating System and Genetic Diversity of the Australian Arid Zone Mallee, <i>Eucalyptus rameliana</i> . Australian Journal of Botany, 1995, 43, 461.	0.3	24
102	Temporal variation in allele frequencies in the pollen pool of <i>Eucalyptus rhodantha</i> . Heredity, 1990, 65, 189-199.	1.2	16
103	The mating system and population genetic structure in a bird-pollinated mallee, <i>Eucalyptus rhodantha</i> . Heredity, 1989, 63, 383-393.	1.2	51
104	Genetic Diversity and the Conservation of <i>Eucalyptus crucis</i> Maiden. Australian Journal of Botany, 1988, 36, 447.	0.3	61
105	Genetic diversity and the insular population structure of the rare granite rock species, <i>Eucalyptus caesia</i> Benth. Australian Journal of Botany, 1983, 31, 161.	0.3	157
106	Cladistic and Phenetic Analyses of Phylogenetic Relationships Among Populations of <i>Eucalyptus caesia</i> . Australian Journal of Botany, 1983, 31, 35.	0.3	26
107	Honeyeaters and Their Winter Food Plants on Granite Rocks in the Central Wheatbelt of Western Australia.. Wildlife Research, 1981, 8, 187.	0.7	27
108	Bird Pollination and the Mating System of <i>Eucalyptus Storatei</i> .. Australian Journal of Botany, 1981, 29, 625.	0.3	60

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109	A biosystematic study of the Kangaroo Paws, <i>Anigozanthos</i> and <i>Macropidia</i> (Haemodoraceae).. Australian Journal of Botany, 1980, 28, 659.	0.3	10
110	Pollination of the Rain-Forest Tree <i>Syzygium Tierneyanum</i> (Myrtaceae) at Kuranda, Northern Queensland. Australian Journal of Botany, 1980, 28, 223.	0.3	34
111	Pollen and Nectar Feeding by Purple-Crowned Lorikeets on <i>Eucalyptus Occidentalis</i> . Emu, 1980, 80, 239-240.	0.2	8
112	Bird and Mammal pollen vectors in <i>Banksia</i> communities at Cheyne Beach, Western Australia. Australian Journal of Botany, 1980, 28, 61.	0.3	68
113	Feeding Behaviour of a Purple-Crowned Lorikeet on Flowers of <i>Eucalyptus Buprestium</i> . Emu, 1979, 79, 40-42.	0.2	32
114	Biogeographical Aspects of Speciation in the Southwest Australian Flora. Annual Review of Ecology, Evolution, and Systematics, 1979, 10, 399-422.	6.7	240
115	Natural Hybridization and Morphometric Relationships Between Three Mallee Eucalypts in the Fitzgerald River National Park, W.A. Australian Journal of Botany, 1978, 26, 319.	0.3	18
116	Progeny Trials in an Introgressive Hybrid Population of <i>Anigozanthos</i> Labill. (Haemodoraceae). Australian Journal of Botany, 1978, 26, 309.	0.3	8
117	Phytogeography of <i>Acacia</i> in Western Australia. Australian Journal of Botany, 1978, 26, 63.	0.3	50
118	Assortative Pollination by Red Wattlebirds in a Hybrid Population of <i>Anigozanthos</i> Labill. (Haemodoraceae). Australian Journal of Botany, 1978, 26, 335.	0.3	45
119	Variation and Natural Hybridization in the <i>Conostylis aculeata</i> R.Br. Species Group Near Dawesville, Western Australia. Australian Journal of Botany, 1977, 25, 395.	0.3	12
120	A Multivariate Morphometric Study of Species Relationships in Kangaroo Paws ( <i>Anigozanthos</i> Labill.) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	0.3	25
121	The structure and dynamics of a hybrid population of <i>Anigozanthos manglesii</i> D. Don and <i>A. humilis</i> Lindl. (Haemodoraceae). Australian Journal of Botany, 1977, 25, 413.	0.3	9
122	First Nationsâ€™ interactions with underground storage organs in southwestern Australia, a Mediterranean climate Global Biodiversity Hotspot. Plant and Soil, 0, , .	1.8	2