

# Stephen D Hopper

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2569014/publications.pdf>

Version: 2024-02-01

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	Refugia: identifying and understanding safe havens for biodiversity under climate change. <i>Global Ecology and Biogeography</i> , 2012, 21, 393-404.	2.7	786
2	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
3	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
4	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
5	Biogeographical Aspects of Speciation in the Southwest Australian Flora. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1979, 10, 399-422.	6.7	240
6	Little evidence for fire-adapted plant traits in Mediterranean climate regions. <i>Trends in Plant Science</i> , 2011, 16, 69-76.	4.3	162
7	Genetic diversity and the insular population structure of the rare granite rock species, <i>Eucalyptus caesia</i> Benth. <i>Australian Journal of Botany</i> , 1983, 31, 161.	0.3	157
8	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
9	Biodiversity hotspots and Ocbil theory. <i>Plant and Soil</i> , 2016, 403, 167-216.	1.8	146
10	A phylogenetic analysis of Diurideae (Orchidaceae) based on plastid DNA sequence data. <i>American Journal of Botany</i> , 2001, 88, 1903-1914.	0.8	114
11	Do mycorrhizal symbioses cause rarity in orchids?. <i>Journal of Ecology</i> , 2011, 99, 858-869.	1.9	104
12	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
13	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
14	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
15	Threat syndromes and conservation of the Australian flora. <i>Biological Conservation</i> , 2007, 134, 73-82.	1.9	93
16	Novel Consequences of Bird Pollination for Plant Mating. <i>Trends in Plant Science</i> , 2017, 22, 395-410.	4.3	92
17	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
18	Bird and Mammal pollen vectors in <i>Banksia</i> communities at Cheyne Beach, Western Australia. <i>Australian Journal of Botany</i> , 1980, 28, 61.	0.3	68

#	ARTICLE	IF	CITATIONS
19	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
20	A Method for Setting the Size of Plant Conservation Target Areas. <i>Conservation Biology</i> , 2001, 15, 603-616.	2.4	66
21	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
22	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
23	Genetic Diversity and the Conservation of <i>Eucalyptus crucis</i> Maiden. <i>Australian Journal of Botany</i> , 1988, 36, 447.	0.3	61
24	Bird Pollination and the Mating System of <i>Eucalyptus Stoa</i> Steud. <i>Australian Journal of Botany</i> , 1981, 29, 625.	0.3	60
25	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
26	Conservation genetics and clonality in two critically endangered eucalypts from the highly endemic south-western Australian flora. <i>Biological Conservation</i> , 1999, 88, 321-331.	1.9	59
27	Worldwide destruction of inselbergs and related rock outcrops threatens a unique ecosystem. <i>Biodiversity and Conservation</i> , 2016, 25, 2827-2830.	1.2	56
28	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
29	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
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	The mating system and population genetic structure in a bird-pollinated mallee, <i>Eucalyptus rhodantha</i> . <i>Heredity</i> , 1989, 63, 383-393.	1.2	51
32	Phytogeography of <i>Acacia</i> in Western Australia. <i>Australian Journal of Botany</i> , 1978, 26, 63.	0.3	50
33	Plant science research in botanic gardens. <i>Trends in Plant Science</i> , 2009, 14, 575-577.	4.3	50
34	The Role of Botanic Gardens in the Science and Practice of Ecological Restoration. <i>Conservation Biology</i> , 2011, 25, no-no.	2.4	48
35	Molecular phylogenetics of <i>Haemodoraceae</i> in the Greater Cape and Southwest Australian Floristic Regions. <i>Molecular Phylogenetics and Evolution</i> , 2009, 51, 19-30.	1.2	47
36	Assortative Pollination by Red Wattlebirds in a Hybrid Population of <i>Anigozanthos Labill.</i> ( <i>Haemodoraceae</i> ). <i>Australian Journal of Botany</i> , 1978, 26, 335.	0.3	45

#	ARTICLE	IF	CITATIONS
37	A revision of Australia' s hammer orchids (Drakaea: Orchidaceae), with some field data on species-specific sexually deceived wasp pollinators. Australian Systematic Botany, 2007, 20, 252.	0.3	44
38	Prolonged isolation and persistence of a common endemic on granite outcrops in both mesic and semi-árid environments in south-áwestern Australia. Journal of Biogeography, 2014, 41, 2032-2044.	1.4	43
39	DNA fingerprinting of Eucalyptus graniticola: a critically endangered relict species or a rare hybrid?. Heredity, 1997, 79, 310-318.	1.2	36
40	Dormancy, germination and seed bank storage: a study in support of <i>ex situ</i> conservation of macrophytes of southwest Australian temporary pools. Freshwater Biology, 2010, 55, 1118-1129.	1.2	36
41	OCBIL theory examined: reassessing evolution, ecology and conservation in the world's ancient, climatically buffered and infertile landscapes. Biological Journal of the Linnean Society, 2021, 133, 266-296.	0.7	36
42	Robert Brown's Caladenia revisited, including a revision of its sister genera Cyanicula, Ericksonella and Pheladenia (Caladeniinae: Orchidaceae). Australian Systematic Botany, 2004, 17, 171.	0.3	35
43	Pollination of the Rain-Forest Tree Syzygium Tierneyanum (Myrtaceae) at Kuranda, Northern Queensland. Australian Journal of Botany, 1980, 28, 223.	0.3	34
44	Paternity analysis reveals wide pollen dispersal and high multiple paternity in a small isolated population of the bird-pollinated Eucalyptus caesia (Myrtaceae). Heredity, 2016, 117, 460-471.	1.2	34
45	High species diversity and turnover in granite inselberg floras highlight the need for a conservation strategy protecting many outcrops. Ecology and Evolution, 2019, 9, 7660-7675.	0.8	34
46	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
47	Understanding the long-term impact of prescribed burning in mediterranean-climate biodiversity hotspots, with a focus on south-western Australia. International Journal of Wildland Fire, 2018, 27, 643.	1.0	33
48	Feeding Behaviour of a Purple-Crowned Lorikeet on Flowers of Eucalyptus Buprestium. Emu, 1979, 79, 40-42.	0.2	32
49	Population-size effects on seeds and seedlings from fragmented eucalypt populations: implications for seed sourcing for ecological restoration. Australian Journal of Botany, 2007, 55, 390.	0.3	32
50	Sand-binding roots in Haemodoraceae: global survey and morphology in a phylogenetic context. Plant and Soil, 2011, 348, 453-470.	1.8	30
51	Conservation of old individual trees and small populations is integral to maintain species' genetic diversity of a historically fragmented woody perennial. Molecular Ecology, 2019, 28, 3339-3357.	2.0	30
52	A new type of specialized morphophysiological dormancy and seed storage behaviour in Hydatellaceae, an early-divergent angiosperm family. Annals of Botany, 2010, 105, 1053-1061.	1.4	29
53	Monocotyledonous geophytes: comparison of south-western Australia with other areas of mediterranean climate. Australian Journal of Botany, 2003, 51, 129.	0.3	28
54	Taxonomic turmoil down-under: recent developments in Australian orchid systematics. Annals of Botany, 2009, 104, 447-455.	1.4	28

#	ARTICLE	IF	CITATIONS
55	Honeyeaters and Their Winter Food Plants on Granite Rocks in the Central Wheatbelt of Western Australia.. <i>Wildlife Research</i> , 1981, 8, 187.	0.7	27
56	Cladistic and Phenetic Analyses of Phylogenetic Relationships Among Populations of <i>Eucalyptus caesia</i> . <i>Australian Journal of Botany</i> , 1983, 31, 35.	0.3	26
57	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
58	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
59	A Multivariate Morphometric Study of Species Relationships in Kangaroo Paws ( <i>Anigozanthos</i> Labill.) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	0.3	25
60	The Mating System and Genetic Diversity of the Australian Arid Zone Mallee, <i>Eucalyptus rameliana</i> . <i>Australian Journal of Botany</i> , 1995, 43, 461.	0.3	24
61	Human Niche Construction: Noongar Evidence in Pre-colonial Southwestern Australia. <i>Conservation and Society</i> , 2017, 15, 201.	0.4	20
62	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
63	Natural hybridization in the context of Ocbil theory. <i>South African Journal of Botany</i> , 2018, 118, 284-289.	1.2	19
64	Natural Hybridization and Morphometric Relationships Between Three Mallee Eucalypts in the Fitzgerald River National Park, W.A. <i>Australian Journal of Botany</i> , 1978, 26, 319.	0.3	18
65	Australia's wasp-pollinated flying duck orchids revised (Paracaleana: Orchidaceae). <i>Australian Systematic Botany</i> , 2006, 19, 211.	0.3	17
66	<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
67	Temporal variation in allele frequencies in the pollen pool of <i>Eucalyptus rhodantha</i> . <i>Heredity</i> , 1990, 65, 189-199.	1.2	16
68	Rarity or decline: Key concepts for the Red List of Australian eucalypts. <i>Biological Conservation</i> , 2020, 243, 108455.	1.9	15
69	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
70	Phylogenomics shows lignotuber state is taxonomically informative in closely related eucalypts. <i>Molecular Phylogenetics and Evolution</i> , 2019, 135, 236-248.	1.2	14
71	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
72	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

#	ARTICLE	IF	CITATIONS
73	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
74	Variation and Natural Hybridization in the <i>Conostylis aculeata</i> R.Br. Species Group Near Dawesville, Western Australia. <i>Australian Journal of Botany</i> , 1977, 25, 395.	0.3	12
75	Darwin as a plant scientist: a Southern Hemisphere perspective. <i>Trends in Plant Science</i> , 2009, 14, 421-435.	4.3	12
76	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
77	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
78	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
79	From Dampier to DNA: the 300-year-old mystery of the identity and proposed allopolyploid origin of <i>Conostylis stylidioides</i> (Haemodoraceae). <i>Australian Journal of Botany</i> , 2001, 49, 611.	0.3	11
80	A biosystematic study of the Kangaroo Paws, <i>Anigozanthos</i> and <i>Macropidia</i> (Haemodoraceae).. <i>Australian Journal of Botany</i> , 1980, 28, 659.	0.3	10
81	How well do phylogenetic studies inform the conservation of Australian plants?. <i>Australian Journal of Botany</i> , 2000, 48, 321.	0.3	10
82	Impact of two wildfires on endemic granite outcrop vegetation in Western Australia. , 2003, 14, 185.		10
83	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
84	The structure and dynamics of a hybrid population of <i>Anigozanthos manglesii</i> D. Don and <i>A. humilis</i> Lindl. (Haemodoraceae). <i>Australian Journal of Botany</i> , 1977, 25, 413.	0.3	9
85	Progeny Trials in an Introgressive Hybrid Population of <i>Anigozanthos</i> Labill. (Haemodoraceae). <i>Australian Journal of Botany</i> , 1978, 26, 309.	0.3	8
86	Pollen and Nectar Feeding by Purple-Crowned Lorikeets on <i>Eucalyptus Occidentalis</i> . <i>Emu</i> , 1980, 80, 239-240.	0.2	8
87	660. NUYTSIA FLORIBUNDA. <i>Curtis's Botanical Magazine</i> , 2010, 26, 333-368.	0.1	8
88	Near-neighbour optimal outcrossing in the bird-pollinated <i>Anigozanthos manglesii</i> . <i>Annals of Botany</i> , 2019, 124, 423-436.	1.4	8
89	OCBIL theory: a new science for old ecosystems. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 251-265.	0.7	8
90	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

#	ARTICLE	IF	CITATIONS
91	South-western Australia, Cinderella of the world's temperate floristic regions, 2. Curtis's Botanical Magazine, 2004, 21, 132-180.	0.1	7
92	Botanical illustration and photography: a southern hemisphere perspective. Australian Systematic Botany, 2017, 30, 291.	0.3	7
93	Contemporary distribution of <i>Macrozamia dyeri</i> (Zamiaceae) is correlated with patterns of Nyungar occupation in south-east coastal Western Australia. Austral Ecology, 2020, 45, 933-947.	0.7	7
94	Pollen dispersal, pollen immigration, mating and genetic diversity in restoration of the southern plains Banksia. Biological Journal of the Linnean Society, 2020, 129, 773-792.	0.7	7
95	Contrasting patterns of population divergence on young and old landscapes in <i>Banksia seminuda</i> (Proteaceae), with evidence for recognition of subspecies. Biological Journal of the Linnean Society, 2021, 133, 449-463.	0.7	7
96	Genetic Diversity, Mating System, and Reproductive Output of Restored <i>Melaleuca acuminata</i> Populations are Comparable to Natural Remnant Populations. Ecological Restoration, 2019, 37, 222-232.	0.5	7
97	A Molecular Phylogenetic Study of Generic and Subgeneric Relationships in the Southwest Australian Endemics <i>Conostylis</i> and <i>Blancoa</i> (Haemodoraceae). Aliso, 2006, 22, 527-538.	0.4	7
98	<i>Isoetes eludens</i> (Isoetaceae), a new endemic species from the Kamiesberg, Northern Cape, South Africa. Kew Bulletin, 2009, 64, 123-128.	0.4	6
99	Soil and plant outcomes of harvesting a Noongar staple geophyte in south-western Australia. Biological Journal of the Linnean Society, 2021, 133, 418-431.	0.7	6
100	Modelling the impact of canker disease and fire regimes on the population dynamics and extinction risk of the Critically Endangered and granite endemic shrub. Australian Journal of Botany, 2021, 69, 274-284.	0.3	6
101	Inselberg floristics exemplify the coast to inland OCBIL transition in a global biodiversity hotspot. Biological Journal of the Linnean Society, 2021, 133, 624-644.	0.7	6
102	Mutualists or parasites? Context-dependent influence of symbiotic fly larvae on carnivorous investment in the Albany pitcher plant. Royal Society Open Science, 2016, 3, 160690.	1.1	5
103	The role of landscape history in the distribution and conservation of threatened flora in the Southwest Australian Floristic Region. Biological Journal of the Linnean Society, 2021, 133, 394-410.	0.7	5
104	An Australian Perspective on Plant Conservation Biology in Practice. , 1998, , 255-278.		5
105	An introduction to <i>Caladenia</i> R.Br. - Australasia's jewel among terrestrial orchids. Australian Journal of Botany, 2009, 57, ii.	0.3	4
106	Evaluating restoration outcomes through assessment of pollen dispersal, mating system, and genetic diversity. Restoration Ecology, 2021, 29, e13335.	1.4	4
107	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
108	Revisiting the taxonomy of the Neotropical Haemodoraceae (Commelinales). PhytoKeys, 2020, 169, 1-59.	0.4	4

#	ARTICLE	IF	CITATIONS
109	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
110	New Life for Systematics. <i>Science</i> , 2007, 316, 1097-1097.	6.0	2
111	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
112	Does integrated conservation of terrestrial orchids work?. <i>Lankesteriana</i> , 2015, 7, .	0.2	2
113	Preface to 'Generic Concepts and Modern Taxonomy'. <i>Australian Systematic Botany</i> , 2005, 18, 1.	0.3	2
114	First Nationsâ€™ interactions with underground storage organs in southwestern Australia, a Mediterranean climate Global Biodiversity Hotspot. <i>Plant and Soil</i> , 0, , .	1.8	2
115	Plate 466. <i>Anigozanthos Rufus</i> Haemodoraceae. <i>Curtis's Botanical Magazine</i> , 2003, 20, 80-86.	0.1	1
116	Plate 467. <i>Caladenia Drummondii</i> Orchidaceae. <i>Curtis's Botanical Magazine</i> , 2003, 20, 87-93.	0.1	1
117	Plant conservation for the next decade: a celebration of Kewâ€™s 250th anniversary. <i>Kew Bulletin</i> , 2010, 65, 497-500.	0.4	1
118	Plant conservation at the crossroads. <i>Oryx</i> , 2011, 45, 155-156.	0.5	1
119	Preface to 'Genetics and Conservation of Australian Flora'. <i>Australian Journal of Botany</i> , 2000, 48, 1.	0.3	1
120	An Australian Perspective on Plant Conservation Biology in Practice. , 1998, , 255-278.		1
121	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
122	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