

# Graham H Pyke

## List of Publications by Year in descending order

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Version: 2024-02-01

104  
papers

10,334  
citations

81889

39  
h-index

42393

92  
g-index

105  
all docs

105  
docs citations

105  
times ranked

7135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neonicotinoids and Optimal Foraging Theory. <i>Environmental Advances</i> , 2022, 7, 100161.	4.8	3
2	Sex-related differences in aging rate are associated with sex chromosome system in amphibians. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 346-356.	2.3	7
3	Diverse aging rates in ectothermic tetrapods provide insights for the evolution of aging and longevity. <i>Science</i> , 2022, 376, 1459-1466.	12.6	34
4	Optimal Foraging Theory. , 2021, , 677-685.		7
5	Flower Color Evolution and the Evidence of Pollinator-Mediated Selection. <i>Frontiers in Plant Science</i> , 2021, 12, 617851.	3.6	45
6	Frog Reproduction and Community Structure in relation to Water Attributes: Setting the stage to understand effects of Climatic Variables and Climate Change. <i>Australian Zoologist</i> , 2021, , .	1.1	0
7	Salvage of floral resources through re-absorption before flower abscission. <i>Scientific Reports</i> , 2020, 10, 15960.	3.3	5
8	Nectar mimicry: a new phenomenon. <i>Scientific Reports</i> , 2020, 10, 7039.	3.3	19
9	Changes in floral nectar are unlikely adaptive responses to pollinator flight sound. <i>Ecology Letters</i> , 2020, 23, 1421-1422.	6.4	3
10	Patterns of floral nectar standing crops allow plants to manipulate their pollinators. <i>Scientific Reports</i> , 2020, 10, 1660.	3.3	13
11	Optimal Foraging Theory. , 2020, , 1-9.		2
12	Animal Movements “ An Optimal Foraging Theory Approach. , 2019, , 149-156.		14
13	Optimal Foraging Theory: An Introduction. , 2019, , 111-117.		27
14	Group Foraging. , 2019, , 191-200.		2
15	Foraging: A Fundamental Activity for All Life. , 2019, , 75-79.		0
16	Optimal Foraging and Plant-Pollinator Co-Evolution. , 2019, , 209-216.		4
17	Foraging: Section Overview. , 2019, , 108-110.		1
18	Conservation and the 4 Rs, which are rescue, rehabilitation, release, and research. <i>Conservation Biology</i> , 2018, 32, 50-59.	4.7	45

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19	What can we learn from untapped wildlife rescue databases? The masked lapwing as a case study. <i>Pacific Conservation Biology</i> , 2018, 24, 148.	1.0	11
20	Graham H. Pyke: Sustainability for Humanity: It's Time To Preach Beyond the Converted. <i>Trends in Ecology and Evolution</i> , 2017, 32, 391-394.	8.7	8
21	Fire-Stimulated Flowering: A Review and Look to the Future. <i>Critical Reviews in Plant Sciences</i> , 2017, 36, 179-189.	5.7	43
22	Larvivorous fish for preventing malaria transmission. <i>The Cochrane Library</i> , 2017, 2017, CD008090.	2.8	22
23	Comment on "Cognition-mediated evolution of low-quality floral nectars". <i>Science</i> , 2017, 358, .	12.6	3
24	Do humans forage optimally and what does this mean for zoology on the table?. <i>Australian Zoologist</i> , 2017, 39, 17-25.	1.1	2
25	Effects of climate change on phenologies and distributions of bumble bees and the plants they visit. <i>Ecosphere</i> , 2016, 7, e01267.	2.2	110
26	Floral Nectar: Pollinator Attraction or Manipulation?. <i>Trends in Ecology and Evolution</i> , 2016, 31, 339-341.	8.7	58
27	Plant-pollinator co-evolution: It's time to reconnect with Optimal Foraging Theory and Evolutionarily Stable Strategies. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2016, 19, 70-76.	2.7	38
28	Understanding movements of organisms: it's time to abandon the Lévy foraging hypothesis. <i>Methods in Ecology and Evolution</i> , 2015, 6, 1-16.	5.2	115
29	Reply to Páll-Gergely. <i>BioScience</i> , 2015, 65, 117-118.	4.9	0
30	Vegetation mounds as over-winter Habitat for Green and Golden Bell frogs <i>Litoria aurea</i> . <i>Australian Zoologist</i> , 2015, 37, 510-516.	1.1	2
31	Achieving Research Excellence and Citation Success: What's the Point and How Do You Do It?. <i>BioScience</i> , 2014, 64, 90-91.	4.9	8
32	Evaluating the Quality of Taxonomic Publications: A Simple Alternative to Citations and Effort. <i>BioScience</i> , 2014, 64, 961-962.	4.9	7
33	Larvivorous fish for preventing malaria transmission. <i>The Cochrane Library</i> , 2013, , CD008090.	2.8	30
34	Local Geographic Distributions of Bumble Bees Near Crested Butte, Colorado: Competition and Community Structure Revisited. <i>Environmental Entomology</i> , 2012, 41, 1332-1349.	1.4	58
35	Activity and abundance of bumble bees near Crested Butte, Colorado: diel, seasonal, and elevation effects. <i>Ecological Entomology</i> , 2011, 36, 511-521.	2.2	41
36	World War II and the rise of the plague minnow <i>Gambusia holbrooki</i> (Girard, 1859) in Australia. <i>Australian Zoologist</i> , 2011, 35, 1024-1032.	1.1	5

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37	Biological collections and ecological/environmental research: a review, some observations and a look to the future. <i>Biological Reviews</i> , 2010, 85, 247-266.	10.4	270
38	Plague Minnow or Mosquito Fish? A Review of the Biology and Impacts of Introduced <i>Gambusia</i> Species. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2008, 39, 171-191.	8.3	343
39	Mining a museum frog collection for environmental bio-indicators using specimens of the Striped Marsh Frog <i>Limnodynastes peronii</i> . <i>Pacific Conservation Biology</i> , 2008, 14, 200.	1.0	0
40	Frogs on the hop: translocations of Green and Golden Bell Frogs <i>Litoria aurea</i> in Greater Sydney. <i>Australian Zoologist</i> , 2008, 34, 249-260.	1.1	27
41	Green and Golden Bell Frogs in New South Wales: current status and future prospects. <i>Australian Zoologist</i> , 2008, 34, 319-333.	1.1	25
42	Attempted introduction of the endangered Green and Golden Bell Frog to Long Reef Golf Course: a step towards recovery?. <i>Australian Zoologist</i> , 2008, 34, 361-372.	1.1	22
43	Rice-growing and conservation of the Southern Bell Frog <i>Litoria raniformis</i> in New South Wales, Australia. <i>Australian Zoologist</i> , 2008, 34, 453-458.	1.1	5
44	Interactions between tadpoles of Green and Golden Bell Frog <i>Litoria aurea</i> and Striped Marsh Frog <i>Limnodynastes peronii</i> . <i>Australian Zoologist</i> , 2008, 34, 570-576.	1.1	0
45	A Review of the Biology of <i>Gambusia affinis</i> and <i>G. holbrooki</i> . <i>Reviews in Fish Biology and Fisheries</i> , 2005, 15, 339-365.	4.9	334
46	Updating biological reviews: the Hastings River mouse <i>Pseudomys oralis</i> as a case history.. <i>Australian Mammalogy</i> , 2003, 25, 211.	1.1	1
47	Habitat-use by the Green and Golden Bell Frog <i>Litoria aurea</i> in Australia and New Zealand. <i>Australian Zoologist</i> , 2002, 32, 12-31.	1.1	31
48	A review of the biology of the Southern Bell Frog <i>Litoria raniformis</i> (Anura: Hylidae). <i>Australian Zoologist</i> , 2002, 32, 32-48.	1.1	39
49	A Review of the Biology of the Green and Golden Bell Frog <i>Litoria aurea</i> . <i>Australian Zoologist</i> , 2001, 31, 563-598.	1.1	85
50	A strategy for reviewing the biology of animals. <i>Australian Zoologist</i> , 2000, 31, 482-491.	1.1	8
51	Factors influencing predation on eggs and tadpoles of the endangered Green and Golden Bell Frog <i>Litoria aurea</i> by the introduced Plague Minnow <i>Gambusia holbrooki</i> . <i>Australian Zoologist</i> , 2000, 31, 496-505.	1.1	70
52	The introduced Honeybee <i>Apis mellifera</i> and the Precautionary Principle: reducing the conflict. <i>Australian Zoologist</i> , 1999, 31, 181-186.	1.1	10
53	Territoriality in Honeyeaters: Reviewing the Concept and Evaluating Available Information. <i>Australian Journal of Zoology</i> , 1996, 44, 297.	1.0	17
54	Distribution and conservation status of the Green and Golden Bell Frog <i>Litoria aurea</i> in New South Wales. <i>Australian Zoologist</i> , 1996, 30, 177-189.	1.1	66

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55	Habitat requirements for the Green and Golden Bell Frog <i>Litoria aurea</i> (Anura: Hylidae). Australian Zoologist, 1996, 30, 224-232.	1.1	55
56	Abundance of Eastern Bristlebirds in Relation to Habitat and Fire History. Emu, 1995, 95, 106-110.	0.6	17
57	Fauna Impact Statements: a review of processes and standards. Australian Zoologist, 1995, 30, 93-110.	1.1	1
58	Habitat Use by Eastern Bristlebirds in Barren Grounds Nature Reserve. Emu, 1992, 92, 117-121.	0.6	9
59	What does it cost a plant to produce floral nectar?. Nature, 1991, 350, 58-59.	27.8	376
60	Effects of honey bees on colonies of <i>Exoneura asimillima</i> , an Australian native bee. Austral Ecology, 1991, 16, 171-181.	1.5	48
61	The Accuracy of a Radiotracking System for Monitoring Honeyeater Movements. Wildlife Research, 1990, 17, 501.	1.4	6
62	Effects of flower removal on abundance and behaviour of honeyeaters in heathland near Sydney. Austral Ecology, 1989, 14, 415-421.	1.5	8
63	Patterns of Residency and Movement Among Honeyeaters in Heathland near Sydney. Emu, 1989, 89, 30-39.	0.6	16
64	Corroboree Behaviour of New Holland and White-cheeked Honeyeaters. Emu, 1989, 89, 55-57.	0.6	5
65	Pollination biology in the Snowy Mountains of Australia: Comparisons with montane Colorado, USA. Austral Ecology, 1988, 13, 191-205.	1.5	131
66	Pollination ecology of Christmas Bells ( <i>Blandfordia nobilis</i> Sm.): Effects of adding artificial nectar on pollen removal and seed-set. Austral Ecology, 1988, 13, 279-284.	1.5	25
67	Pollination ecology of Christmas Bells ( <i>Blandfordia nobilis</i> ): Patterns of standing crop of nectar. Austral Ecology, 1988, 13, 301-309.	1.5	15
68	Yearly variation in seasonal patterns of honeyeater abundance, flower density and nectar production in heathland near Sydney. Austral Ecology, 1988, 13, 1-10.	1.5	19
69	Pollination ecology of Christmas Bells ( <i>Blandfordia nobilis</i> ): Effects of pollen quantity and source on seed set. Austral Ecology, 1988, 13, 93-99.	1.5	11
70	Seasonal Patterns of Capture Rate and Resource Abundance for Honeyeaters and Silvereyes in Heathland near Sydney. Emu, 1988, 88, 33-42.	0.6	20
71	Experimental Manipulations of <i>Polemonium foliosissimum</i> : Effects on Subsequent Nectar Production, Seed Production and Growth. Journal of Ecology, 1988, 76, 777.	4.0	64
72	Reproduction in <i>Polemonium</i> : Assessing the Factors Limiting Seed Set. American Naturalist, 1988, 131, 723-738.	2.1	285

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73	Radio-tracking Honeyeater Movements. <i>Emu</i> , 1987, 87, 249-252.	0.6	9
74	REPRODUCTION IN POLEMONIUM: PATTERNS AND IMPLICATIONS OF FLORAL NECTAR PRODUCTION AND STANDING CROPS. <i>American Journal of Botany</i> , 1986, 73, 1405-1415.	1.7	67
75	Relationship between nectar production and seasonal patterns of density and nesting of resident honeyeaters in heathland near Sydney. <i>Austral Ecology</i> , 1986, 11, 195-200.	1.5	27
76	Reproduction in Polemonium: Patterns and Implications of Floral Nectar Production and Standing Crops. <i>American Journal of Botany</i> , 1986, 73, 1405.	1.7	35
77	Seasonal patterns of abundance of insectivorous birds and flying insects. <i>Emu</i> , 1985, 85, 34-39.	0.6	13
78	Estimated Forest Bird Densities by Variable Distance Point Counts. <i>Wildlife Research</i> , 1985, 12, 307.	1.4	15
79	Optimal Foraging Theory: A Critical Review. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1984, 15, 523-575.	6.7	1,556
80	Relationship between time since the last fire and flowering in <i>Telopea speciosissima</i> R. Br. and <i>Lambertia formosa</i> Sm. <i>Australian Journal of Botany</i> , 1983, 31, 293.	0.6	40
81	Seasonal pattern of abundance of honeyeaters and their resources in heathland areas near Sydney. <i>Austral Ecology</i> , 1983, 8, 217-233.	1.2	58
82	Analysis of an Instantaneous Census Method for Heathland Birds. <i>Wildlife Research</i> , 1983, 10, 521.	1.4	6
83	Local Geographic Distributions of Bumblebees Near Crested Butte, Colorado: Competition and Community Structure. <i>Ecology</i> , 1982, 63, 555-573.	3.2	138
84	Foraging in bumblebees: rule of departure from an inflorescence. <i>Canadian Journal of Zoology</i> , 1982, 60, 417-428.	1.0	88
85	Fruit set in <i>Lambertia formosa</i> Sm. (Proteaceae). <i>Australian Journal of Botany</i> , 1982, 30, 39.	0.6	16
86	The scanning behavior of juncos: A game-theoretical approach. <i>Journal of Theoretical Biology</i> , 1982, 95, 89-103.	1.7	229
87	Why hummingbirds hover and honeyeaters perch. <i>Animal Behaviour</i> , 1981, 29, 861-867.	1.9	42
88	Honeyeater foraging: A test of optimal foraging theory. <i>Animal Behaviour</i> , 1981, 29, 878-888.	1.9	31
89	Optimal foraging in hummingbirds: Rule of movement between inflorescences. <i>Animal Behaviour</i> , 1981, 29, 889-896.	1.9	81
90	Optimal nectar production in a hummingbird pollinated plant. <i>Theoretical Population Biology</i> , 1981, 20, 326-343.	1.1	48

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91	The Production of Dilute Nectars by Hummingbird and Honeyeater Flowers. <i>Biotropica</i> , 1981, 13, 260.	1.6	237
92	Optimal Travel Speeds of Animals. <i>American Naturalist</i> , 1981, 118, 475-487.	2.1	74
93	Effects of inflorescence height and number of flowers per inflorescence on fruit set in waratahs ( <i>Telopea speciosissima</i> ). <i>Australian Journal of Botany</i> , 1981, 29, 419.	0.6	26
94	The foraging behaviour of Australian honeyeaters: a review and some comparisons with hummingbirds. <i>Austral Ecology</i> , 1980, 5, 343-369.	1.5	103
95	Optimal foraging in bumblebees: Calculation of net rate of energy intake and optimal patch choice. <i>Theoretical Population Biology</i> , 1980, 17, 232-246.	1.1	84
96	Optimal foraging in bumblebees: Rule of movement between flowers within inflorescences. <i>Animal Behaviour</i> , 1979, 27, 1167-1181.	1.9	154
97	The Economics of Territory Size and Time Budget in the Golden-Winged Sunbird. <i>American Naturalist</i> , 1979, 114, 131-145.	2.1	107
98	Optimal body size in bumblebees. <i>Oecologia</i> , 1978, 34, 255-266.	2.0	57
99	Optimal foraging in bumblebees and coevolution with their plants. <i>Oecologia</i> , 1978, 36, 281-293.	2.0	216
100	Optimal foraging: Movement patterns of bumblebees between inflorescences. <i>Theoretical Population Biology</i> , 1978, 13, 72-98.	1.1	387
101	Are animals efficient harvesters?. <i>Animal Behaviour</i> , 1978, 26, 241-250.	1.9	114
102	Optimal Foraging in Hummingbirds: Testing the Marginal Value Theorem. <i>American Zoologist</i> , 1978, 18, 739-752.	0.7	192
103	Optimal Meal Size in Hummingbirds. <i>American Naturalist</i> , 1978, 112, 301-316.	2.1	134
104	Optimal Foraging: A Selective Review of Theory and Tests. <i>Quarterly Review of Biology</i> , 1977, 52, 137-154.	0.1	2,692