## Graham H Pyke

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Neonicotinoids and Optimal Foraging Theory. Environmental Advances, 2022, 7, 100161.	4.8	3
2	Sexâ€related differences in aging rate are associated with sex chromosome system in amphibians. Evolution; International Journal of Organic Evolution, 2022, 76, 346-356.	2.3	7
3	Diverse aging rates in ectothermic tetrapods provide insights for the evolution of aging and longevity. Science, 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. Frontiers in Plant Science, 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. Australian Zoologist, 2021, , .	1.1	0
7	Salvage of floral resources through re-absorption before flower abscission. Scientific Reports, 2020, 10, 15960.	3.3	5
8	Nectar mimicry: a new phenomenon. Scientific Reports, 2020, 10, 7039.	3.3	19
9	Changes in floral nectar are unlikely adaptive responses to pollinator flight sound. Ecology Letters, 2020, 23, 1421-1422.	6.4	3
10	Patterns of floral nectar standing crops allow plants to manipulate their pollinators. Scientific Reports, 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.		Ο
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. Conservation Biology, 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. Pacific Conservation Biology, 2018, 24, 148.	1.0	11
20	Graham H. Pyke: Sustainability for Humanity: It's Time To Preach Beyond the Converted. Trends in Ecology and Evolution, 2017, 32, 391-394.	8.7	8
21	Fire-Stimulated Flowering: A Review and Look to the Future. Critical Reviews in Plant Sciences, 2017, 36, 179-189.	5.7	43
22	Larvivorous fish for preventing malaria transmission. The Cochrane Library, 2017, 2017, CD008090.	2.8	22
23	Comment on "Cognition-mediated evolution of low-quality floral nectars― Science, 2017, 358, .	12.6	3
24	Do humans forage optimally and what does this mean for zoology on the table?. Australian Zoologist, 2017, 39, 17-25.	1.1	2
25	Effects of climate change on phenologies and distributions of bumble bees and the plants they visit. Ecosphere, 2016, 7, e01267.	2.2	110
26	Floral Nectar: Pollinator Attraction or Manipulation?. Trends in Ecology and Evolution, 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. Perspectives in Plant Ecology, Evolution and Systematics, 2016, 19, 70-76.	2.7	38
28	Understanding movements of organisms: it's time to abandon the Lévy foraging hypothesis. Methods in Ecology and Evolution, 2015, 6, 1-16.	5.2	115
29	Reply to Páll-Gergely. BioScience, 2015, 65, 117-118.	4.9	0
30	Vegetation mounds as over-winter Habitat for Green and Golden Bell frogs Litoria aurea. Australian Zoologist, 2015, 37, 510-516.	1.1	2
31	Achieving Research Excellence and Citation Success: What's the Point and How Do You Do It?. BioScience, 2014, 64, 90-91.	4.9	8
32	Evaluating the Quality of Taxonomic Publications: A Simple Alternative to Citations and Effort. BioScience, 2014, 64, 961-962.	4.9	7
33	Larvivorous fish for preventing malaria transmission. The Cochrane Library, 2013, , CD008090.	2.8	30
34	Local Geographic Distributions of Bumble Bees Near Crested Butte, Colorado: Competition and Community Structure Revisited. Environmental Entomology, 2012, 41, 1332-1349.	1.4	58
35	Activity and abundance of bumble bees near Crested Butte, Colorado: diel, seasonal, and elevation effects. Ecological Entomology, 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. Australian Zoologist, 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. Biological Reviews, 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. Annual Review of Ecology, Evolution, and Systematics, 2008, 39, 171-191.	8.3	343
39	Mining a museum frog collection for environmental bio-indicators using specimens of the Striped Marsh Frog Limnodynastes peronii. Pacific Conservation Biology, 2008, 14, 200.	1.0	Ο
40	Frogs on the hop: translocations of Green and Golden Bell Frogs <i>Litoria aurea</i> in Greater Sydney. Australian Zoologist, 2008, 34, 249-260.	1.1	27
41	Green and Golden Bell Frogs in New South Wales: current status and future prospects. Australian Zoologist, 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?. Australian Zoologist, 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. Australian Zoologist, 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> . Australian Zoologist, 2008, 34, 570-576.	1.1	0
45	A Review of the Biology of Gambusia affinis and G. holbrooki. Reviews in Fish Biology and Fisheries, 2005, 15, 339-365.	4.9	334
46	Updating biological reviews: the Hastings River mouse Pseudomys oralis as a case history Australian Mammalogy, 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. Australian Zoologist, 2002, 32, 12-31.	1.1	31
48	A review of the biology of the Southern Bell Frog <i>Litoria raniformis</i> (Anura: Hylidae). Australian Zoologist, 2002, 32, 32-48.	1.1	39
49	A Review of the Biology of the Green and Golden Bell Frog <i>Litoria aurea</i> . Australian Zoologist, 2001, 31, 563-598.	1.1	85
50	A strategy for reviewing the biology of animals. Australian Zoologist, 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> . Australian Zoologist, 2000, 31, 496-505.	1.1	70
52	The introduced Honeybee <i>Apis mellifera</i> and the Precautionary Principle: reducing the conflict. Australian Zoologist, 1999, 31, 181-186.	1.1	10
53	Territoriality in Honeyeaters: Reviewing the Concept and Evaluating Available Information. Australian Journal of Zoology, 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. Australian Zoologist, 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 Exoneura asimillima, 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 (Blandfordia nobilis 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 (Blandfordia nobilis): 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 (Blandfordia nobilis): 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 Polemonium Foliosissimum: Effects on Subsequent Nectar Production, Seed Production and Growth. Journal of Ecology, 1988, 76, 777.	4.0	64
72	Reproduction in Polemonium: Assessing the Factors Limiting Seed Set. American Naturalist, 1988, 131, 723-738.	2.1	285

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

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