

# Guy L Bush

## List of Publications by Year in descending order

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51  
papers

4,002  
citations

136950

32  
h-index

223800

46  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1638  
citing authors

#	ARTICLE	IF	CITATIONS
1	SYMPATRIC HOST RACE FORMATION AND SPECIATION IN FRUGIVOROUS FLIES OF THE GENUS <i>RHAGOLETIS</i> (DIPTERA, TEPHRITIDAE). Evolution; International Journal of Organic Evolution, 1969, 23, 237-251.	2.3	487
2	Sympatric speciation in animals: new wine in old bottles. Trends in Ecology and Evolution, 1994, 9, 285-288.	8.7	417
3	Genetic differentiation between sympatric host races of the apple maggot fly <i>Rhagoletis pomonella</i> . Nature, 1988, 336, 61-64.	27.8	410
4	Sympatric Host Race Formation and Speciation in Frugivorous Flies of the Genus <i>Rhagoletis</i> (Diptera,) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	2.3	275
5	Sympatric Speciation in Phytophagous Parasitic Insects. , 1975, , 187-206.		205
6	Conditions for sympatric speciation: A diploid model incorporating habitat fidelity and non-habitat assortative mating. Evolutionary Ecology, 1996, 10, 187-205.	1.2	161
7	Speciation in fig pollinators and parasites. Molecular Ecology, 2002, 11, 1573-1578.	3.9	160
8	MATING BEHAVIOR IN <i>RHAGOLETIS POMONELLA</i> (DIPTERA: TEPHRITIDAE): I. SITE OF ASSEMBLY. Canadian Entomologist, 1971, 103, 1405-1409.	0.8	119
9	Phylogeny of the Genus <i>Rhagoletis</i> (Diptera: Tephritidae) Inferred from DNA Sequences of Mitochondrial Cytochrome Oxidase II. Molecular Phylogenetics and Evolution, 1997, 7, 33-43.	2.7	112
10	Host Race Formation and Sympatric Speciation in <i>Rhagoletis</i> Fruit Flies (Diptera: Tephritidae). Psyche: Journal of Entomology, 1992, 99, 335-357.	0.9	97
11	The genetics and ecology of sympatric speciation: A case study. Researches on Population Ecology, 1998, 40, 175-187.	0.9	93
12	MATING BEHAVIOR IN <i>RHAGOLETIS POMONELLA</i> (DIPTERA: TEPHRITIDAE): II. TEMPORAL ORGANIZATION. Canadian Entomologist, 1972, 104, 97-104.	0.8	87
13	Mating Behavior, Host Specificity, and the Ecological Significance of Sibling Species in Frugivorous Flies of the Genus <i>Rhagoletis</i> (Diptera-Tephritidae). American Naturalist, 1969, 103, 669-672.	2.1	86
14	Attraction of Apple Maggot Flies 1 to Odor of Apples. Environmental Entomology, 1973, 2, 743-750.	1.4	86
15	An Electrophoretic Analysis of <i>Rhagoletis</i> (Diptera: Tephritidae) Phylogeny. Systematic Zoology, 1982, 31, 136.	1.6	83
16	Gene frequency clines for host races of <i>Rhagoletis pomonella</i> in the Midwestern United States. Heredity, 1989, 63, 245-266.	2.6	81
17	THE GENETICS OF HOST SELECTION AND ITS BEARING ON SYMPATRIC SPECIATION IN <i>PROCECIDOCHARES</i> (DIPTERA: TEPHRITIDAE). Entomologia Experimentalis Et Applicata, 1972, 15, 465-480.	1.4	80
18	THE GEOGRAPHIC PATTERN OF GENETIC DIFFERENTIATION BETWEEN HOST ASSOCIATED POPULATIONS OF <i>RHAGOLETIS POMONELLA</i> (DIPTERA: TEPHRITIDAE) IN THE EASTERN UNITED STATES AND CANADA. Evolution; International Journal of Organic Evolution, 1990, 44, 570-594.	2.3	76

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19	Genetic Differentiation at Allozyme Loci in the <i>Rhagoletis pomonella</i> (Diptera: Tephritidae) Species Complex. <i>Annals of the Entomological Society of America</i> , 1993, 86, 716-727.	2.5	60
20	Ovipositional Responses to Different Sizes of Artificial Fruit by Flies of <i>Rhagoletis pomonella</i> Species Group 1. <i>Annals of the Entomological Society of America</i> , 1973, 66, 927-929.	2.5	59
21	THE EVOLUTIONARY SIGNIFICANCE OF BACTERIA ASSOCIATED WITH <i>RHAGOLETIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1985, 39, 405-417.	2.3	56
22	MATING BEHAVIOR OF <i>RHAGOLETIS POMONELLA</i> (DIPTERA: TEPHRITIDAE): IV. COURTSHIP. <i>Canadian Entomologist</i> , 1973, 105, 873-891.	0.8	55
23	The Geographic Pattern of Genetic Differentiation between Host Associated Populations of <i>Rhagoletis pomonella</i> (Diptera: Tephritidae) in the Eastern United States and Canada. <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 570.	2.3	55
24	VISUAL STIMULI ELICITING ATTRACTION OF <i>RHAGOLETIS POMONELLA</i> (DIPTERA: TEPHRITIDAE) FLIES TO TREES. <i>Entomologia Experimentalis Et Applicata</i> , 1975, 18, 497-507.	1.4	50
25	Are the apple maggot, <i>Rhagoletis pomonella</i> , and blueberry maggot, <i>R. mendax</i> , distinct species? Implications for sympatric speciation. <i>Entomologia Experimentalis Et Applicata</i> , 1989, 51, 113-123.	1.4	49
26	The Cytotaxonomy of the Larvae of Some Mexican Fruit Flies in the Genus <i>Anastrepha</i> (Tephritidae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	0.9	44
27	The population genetics of the apple maggot fly, <i>Rhagoletis pomonella</i> and the snowberry maggot, <i>R. zephyria</i> : implications for models of sympatric speciation. <i>Entomologia Experimentalis Et Applicata</i> , 1999, 90, 9-24.	1.4	44
28	A FIELD TEST OF DIFFERENTIAL HOST-PLANT USAGE BETWEEN TWO SIBLING SPECIES OF <i>RHAGOLETIS POMONELLA</i> FRUIT FLIES (DIPTERA: TEPHRITIDAE) AND ITS CONSEQUENCES FOR SYMPATRIC MODELS OF SPECIATION. <i>Evolution; International Journal of Organic Evolution</i> , 1989, 43, 1813-1819.	2.3	43
29	REGIONAL, LOCAL AND MICROGEOGRAPHIC ALLELE FREQUENCY VARIATION BETWEEN APPLE AND HAWTHORN POPULATIONS OF <i>RHAGOLETIS POMONELLA</i> IN WESTERN MICHIGAN. <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 595-608.	2.3	43
30	Genetic differentiation in the viability of sibling species of <i>Rhagoletis</i> fruit flies on host plants, and the influence of reduced hybrid viability on reproductive isolation. <i>Entomologia Experimentalis Et Applicata</i> , 1990, 55, 105-118.	1.4	41
31	ALLOPATRIC AND NON-ALLOPATRIC SPECIATION; ASSUMPTIONS AND EVIDENCE. , 1986, , 411-438.		41
32	MATING BEHAVIOR IN <i>RHAGOLETIS POMONELLA</i> (DIPTERA: TEPHRITIDAE): III. MALE AGGREGATION IN RESPONSE TO AN ARRESTANT. <i>Canadian Entomologist</i> , 1972, 104, 275-283.	0.8	38
33	<i>Rhagoletis</i> sibling species and host races differ in host odor recognition. <i>Entomologia Experimentalis Et Applicata</i> , 1990, 57, 123-131.	1.4	37
34	Regional, Local and Microgeographic Allele Frequency Variation between Apple and Hawthorn Populations of <i>Rhagoletis pomonella</i> in Western Michigan. <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 595.	2.3	34
35	Host fruit chemical stimuli eliciting distinct ovipositional responses from sibling species of <i>Rhagoletis</i> fruit flies. <i>Entomologia Experimentalis Et Applicata</i> , 1990, 56, 165-177.	1.4	18
36	Female Heterogamety in the Family Tephritidae (Acalyprtratae, Diptera). <i>American Naturalist</i> , 1966, 100, 119-126.	2.1	17

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37	Influence of Bacteria on Larval Survival and Development in Rhagoletis (Diptera: Tephritidae). Annals of the Entomological Society of America, 1989, 82, 633-640.	2.5	15
38	The Sympatric Origin of Phytophagous Insects. Ecological Studies, 1997, , 3-19.	1.2	15
39	The Chromosome Morphology of the Rhagoletis cerasi Species Complex (Diptera, Tephritidae)1. Annals of the Entomological Society of America, 1977, 70, 316-318.	2.5	12
40	<l>Rhagoletis zephyria</l> (Diptera: Tephritidae) in the Great Lakes Basin: a Native Insect on Native Hosts?. Annals of the Entomological Society of America, 2007, 100, 474-482.	2.5	12
41	Apple Maggot Infestation of Pear1. Journal of Economic Entomology, 1972, 65, 597-597.	1.8	9
42	The Cytogenetics ofProcecidochares. I. The Mitotic and Polytene Chromosomes of the Pamakani Fly,P. UtilisStone (Tephritidae-Diptera). Caryologia, 1969, 22, 311-321.	0.3	8
43	Trail Laying by Larvae of Chlosyne lacinia1. Annals of the Entomological Society of America, 1969, 62, 674-675.	2.5	7
44	Reply from G.L. Bush. Trends in Ecology and Evolution, 1995, 10, 38.	8.7	7
45	Cytogenetics and Description of a New North American Species of the Neotropical Genus Cecidocharella (Diptera: Tephritidae). Annals of the Entomological Society of America, 1970, 63, 88-91.	2.5	4
46	Differences in the electroantennal responses of apple- and hawthorn-infesting races of Rhagoletis pomonella to host fruit volatile compounds. Chemoecology, 1998, 8, 175-186.	1.1	4
47	Evolutionary Behavior Genetics. , 1986, , 1-5.		4
48	Biochemical and immunological studies on an ?-glycerophosphate dehydrogenase from the tephritid fly,Anastrepha suspensa. Archives of Insect Biochemistry and Physiology, 1987, 4, 271-286.	1.5	3
49	Goldschmidt's Follies - The Material Basis of Evolution.Richard B. Goldschmidt, with an introduction by Stephen J. Gould. Yale University Press; New Haven. 1982. (Reprint of 1940 edition.) xlii + 436 pp. \$12.95 (paperback).. Paleobiology, 1982, 8, 463-469.	2.0	2
50	Speciation, Process of. , 2001, , 620-628.		1
51	Speciation, Process of. , 2001, , 371-381.		0