

Colour Patterns Do Not Diagnose Species: Quantitative Cryptic Bumblebee Complex

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Unveiling cryptic species of the bumblebee subgenus <i>Bombus s. str.</i> worldwide with COI barcodes (Hymenoptera: Apidae). <i>Systematics and Biodiversity</i> , 2012, 10, 21-56.	0.5	147
2	DNA barcoding a regional fauna: Irish solitary bees. <i>Molecular Ecology Resources</i> , 2012, 12, 990-998.	2.2	48
3	Cryptic Bumblebee Species: Consequences for Conservation and the Trade in Greenhouse Pollinators. <i>PLoS ONE</i> , 2012, 7, e32992.	1.1	43
4	Local scale factors structure wild bee communities in protected areas. <i>Journal of Applied Ecology</i> , 2012, 49, 998-1008.	1.9	63
5	Pollinators and pollination of oilseed rape crops (<i>Brassica napus</i> L.) in Ireland: ecological and economic incentives for pollinator conservation. <i>Journal of Insect Conservation</i> , 2013, 17, 1181-1189.	0.8	120
6	Landscape heterogeneity predicts gene flow in a widespread polymorphic bumble bee, <i>Bombus bifarius</i> (Hymenoptera: Apidae). <i>Conservation Genetics</i> , 2013, 14, 1099-1110.	0.8	58
7	Ecological Variation in Response to Mass-Flowering Oilseed Rape and Surrounding Landscape Composition by Members of a Cryptic Bumblebee Complex. <i>PLoS ONE</i> , 2013, 8, e65516.	1.1	16
8	Patterns of Genetic and Reproductive Traits Differentiation in Mainland vs. Corsican Populations of Bumblebees. <i>PLoS ONE</i> , 2013, 8, e65642.	1.1	72
9	DNA Barcoding to Improve the Species-Level Management of Wireworms (Coleoptera: Elateridae). <i>Journal of Economic Entomology</i> , 2014, 107, 1476-1485.	0.8	37
10	Molecular identification of cryptic bumblebee species from degraded samples using PCR-RFLP approach. <i>Molecular Ecology Resources</i> , 2014, 14, 122-126.	2.2	16
11	Pollinator sharing between mass-flowering oilseed rape and co-flowering wild plants: implications for wild plant pollination. <i>Plant Ecology</i> , 2014, 215, 315-325.	0.7	65
12	Relative abundance of an invasive alien plant affects insect-flower interaction networks in Ireland. <i>Acta Oecologica</i> , 2014, 55, 78-85.	0.5	11
13	Molecular tools and bumble bees: revealing hidden details of ecology and evolution in a model system. <i>Molecular Ecology</i> , 2015, 24, 2916-2936.	2.0	64
14	An integrative taxonomic approach to assess the status of Corsican bumblebees: implications for conservation. <i>Animal Conservation</i> , 2015, 18, 236-248.	1.5	42
15	Highly polytypic taxon complex: interspecific and intraspecific integrative taxonomic assessment of the widespread pollinator <i>Bombus pascuorum</i> (<i>S. copoli</i> 1763) (Hymenoptera: Apidae). <i>Systematic Entomology</i> , 2015, 40, 881-890.	1.7	19
16	The Scirtothrips dorsalis Species Complex: Endemism and Invasion in a Global Pest. <i>PLoS ONE</i> , 2015, 10, e0123747.	1.1	47
17	Genes Suggest Ancestral Colour Polymorphisms Are Shared across Morphologically Cryptic Species in Arctic Bumblebees. <i>PLoS ONE</i> , 2015, 10, e0144544.	1.1	37
18	A DNA Barcode-Based Evaluation of the Southeast Asian Catfish Genus <i>Hemibagrus</i> Bleeker, 1862 (Teleostei: Siluriformes; Bagridae). <i>Advances in Evolutionary Biology</i> , 2015, 2015, 1-21.	1.0	7

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19	Emulating natural disturbance in forest management enhances pollination services for dominant <i>Vaccinium</i> shrubs in boreal pine-dominated forests. <i>Forest Ecology and Management</i> , 2015, 350, 1-12.	1.4	48
20	Molecular Taxonomy of Serranidae, Subfamily Epinephelinae, Genus <i>Plectropomus</i> (Oken, 1817) of Andaman Waters by DNA Barcoding Using COI Gene Sequence. , 2015, , 373-394.		0
21	DNA Barcoding of Marine Venomous and Poisonous Fish of Families Scorpaenidae and Tetraodontidae from Andaman Waters. , 2015, , 351-372.		3
22	Methods for species delimitation in bumblebees (<sc>H</sc>ymeroptera, <sc>A</sc>pidae,) Tj ETQq1 1 0.784314 rgBT/Overlook	0.7	51
23	Testing the Validity of the <i>Lygaeus kalmii</i> Complex (Hemiptera: Heteroptera: Lygaeidae) in North America Using DNA Sequences. <i>Annals of the Entomological Society of America</i> , 2015, 108, 964-970.	1.3	0
24	Newly discovered colour-pattern polymorphism of <i>Bombus koreanus</i> females (Hymenoptera: Apidae) demonstrated by DNA barcoding. <i>Apidologie</i> , 2015, 46, 250-261.	0.9	19
25	Novel lactic acid bacteria isolated from the bumble bee gut: <i>Convivina intestini</i> gen. nov., sp. nov., <i>Lactobacillus bombicola</i> sp. nov., and <i>Weissella bombi</i> sp. nov.. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 1337-1349.	0.7	77
26	<i>Bifidobacterium commune</i> sp. nov. isolated from the bumble bee gut. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 1307-1313.	0.7	36
27	Does multi-level environmental filtering determine the functional and phylogenetic composition of wild bee species assemblages?. <i>Ecography</i> , 2015, 38, 140-153.	2.1	32
28	Revealing the hidden niches of cryptic bumblebees in Great Britain: Implications for conservation. <i>Biological Conservation</i> , 2015, 182, 126-133.	1.9	17
29	Pollen and nectar quality drive the major and minor floral choices of bumble bees. <i>Apidologie</i> , 2015, 46, 92-106.	0.9	124
30	Bergmann's Body Size Rule Operates in Facultatively Endothermic Insects: Evidence from a Complex of Cryptic Bumblebee Species. <i>PLoS ONE</i> , 2016, 11, e0163307.	1.1	21
31	Early-diverging bumblebees from across the roof of the world: the high-mountain subgenus <i>Mendacibombus</i> revised from species gene coalescents and morphology (Hymenoptera, Apidae). <i>Zootaxa</i> , 2016, 4204, zootaxa.4204.1.1.	0.2	27
32	Niche partitioning in a sympatric cryptic species complex. <i>Ecology and Evolution</i> , 2016, 6, 1328-1339.	0.8	40
33	Diversity and human perceptions of bees (Hymenoptera: Apoidea) in Southeast Asian megacities. <i>Genome</i> , 2016, 59, 827-839.	0.9	15
34	Hitchhiking with the Vikings? The anthropogenic bumblebee fauna of Iceland "past and present. <i>Journal of Natural History</i> , 2016, 50, 2895-2916.	0.2	11
35	The alien's identity: consequences of taxonomic status for the international bumblebee trade regulations. <i>Biological Conservation</i> , 2016, 195, 169-176.	1.9	32
36	Biogeography and designatable units of <i>Bombus occidentalis</i> Greene and <i>B. terricola</i> Kirby (Hymenoptera: Apidae) with implications for conservation status assessments. <i>Journal of Insect Conservation</i> , 2016, 20, 189-199.	0.8	18

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37	DNA barcoding of East Asian <i>Amentotaxus</i> (Taxaceae): Potential new species and implications for conservation. <i>Journal of Systematics and Evolution</i> , 2017, 55, 16-24.	1.6	25
38	General and species-specific impacts of a neonicotinoid insecticide on the ovary development and feeding of wild bumblebee queens. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170123.	1.2	74
39	<i>Gilliamella intestini</i> sp. nov., <i>Gilliamella bombicola</i> sp. nov., <i>Gilliamella bombi</i> sp. nov. and <i>Gilliamella mensalis</i> sp. nov.: Four novel <i>Gilliamella</i> species isolated from the bumblebee gut. <i>Systematic and Applied Microbiology</i> , 2017, 40, 199-204.	1.2	44
40	Microsatellite analysis supports the existence of three cryptic species within the bumble bee <i>Bombus lucorum</i> sensu lato. <i>Conservation Genetics</i> , 2017, 18, 573-584.	0.8	13
42	Population genetics and geometric morphometrics of the <i>Bombus ephippiatus</i> species complex with implications for its use as a commercial pollinator. <i>Conservation Genetics</i> , 2017, 18, 553-572.	0.8	23
43	Complete mitochondrial genome of <i>Bombus consobrinus</i> (Hymenoptera: Apidae). <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 770-772.	0.2	5
44	Contrasting impacts of highly invasive plant species on flower-visiting insect communities. <i>Biodiversity and Conservation</i> , 2018, 27, 2069-2085.	1.2	34
45	Breeding system and pollination ecology of a potentially invasive alien <i>Clematis vitalba</i> L. in Ireland. <i>Journal of Plant Ecology</i> , 2018, 11, 56-63.	1.2	10
46	Following the cold: geographical differentiation between interglacial refugia and speciation in the arctoalpine species complex <i>Bombus monticola</i> (Hymenoptera: Apidae). <i>Systematic Entomology</i> , 2018, 43, 200-217.	1.7	40
47	Species delimitation and sex associations in the bee genus <i>Thygater</i> , with the aid of molecular data, and the description of a new species. <i>Apidologie</i> , 2018, 49, 484-496.	0.9	9
48	Large-scale cultivation of the bumblebee gut microbiota reveals an underestimated bacterial species diversity capable of pathogen inhibition. <i>Environmental Microbiology</i> , 2018, 20, 214-227.	1.8	40
49	Phylogeny and population genetic analyses reveals cryptic speciation in the <i>Bombus fervidus</i> species complex (Hymenoptera: Apidae). <i>PLoS ONE</i> , 2018, 13, e0207080.	1.1	11
50	Adding attractive semio-chemical trait refines the taxonomy of <i>Alpinobombus</i> (Hymenoptera: Apidae). <i>Apidologie</i> , 2018, 49, 838-851.	0.9	9
51	Opening the Door to the Past: Accessing Phylogenetic, Pathogen, and Population Data From Museum Curated Bees. <i>Insect Systematics and Diversity</i> , 2018, 2, .	0.7	13
52	Evaluating the ability of citizen scientists to identify bumblebee (<i>Bombus</i>) species. <i>PLoS ONE</i> , 2019, 14, e0218614.	1.1	46
53	Sexual attraction: a review of bumblebee male pheromones. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2019, 74, 233-250.	0.6	22
54	Integrative taxonomy of an arctic bumblebee species complex highlights a new cryptic species (Apidae). <i>Tj ETQq0 0,0 rgBT /Overlock 10</i>	1.0	23
55	Contrasting patterns of genetic and morphological diversity in the bumblebee <i>Bombus lucorum</i> (Hymenoptera: Apidae: <i>Bombus</i>) along a European gradient. <i>Journal of Insect Conservation</i> , 2019, 23, 933-943.	0.8	1

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56	Colour patterns, distribution and food plants of the Asian bumblebee <i>Bombus bicoloratus</i> (Hymenoptera: Apidae). <i>Apidologie</i> , 2019, 50, 340-352.	0.9	4
57	Molecular analyses of the genus <i>Drunella</i> (Ephemeroptera: Ephemerellidae) in the East Asian region. <i>Limnology</i> , 2019, 20, 243-254.	0.8	3
58	Prevalence of infection by the microsporidian <i>Nosema</i> spp. in native bumblebees (<i>Bombus</i> spp.) in northern Thailand. <i>PLoS ONE</i> , 2019, 14, e0213171.	1.1	15
59	Genetic variations of DNA barcoding region of bumble bees (Hymenoptera: Apidae) from South Korea. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2019, 30, 30-42.	0.7	6
60	Validating Morphometrics with DNA Barcoding to Reliably Separate Three Cryptic Species of <i>Bombus</i> Cresson (Hymenoptera: Apidae). <i>Insects</i> , 2020, 11, 669.	1.0	7
61	Benefits of insect colours: a review from social insect studies. <i>Oecologia</i> , 2020, 194, 27-40.	0.9	33
62	Distribution and flower visitation records of bumblebees in Lebanon (Hymenoptera: Apidae). <i>Annales De La Societe Entomologique De France</i> , 2020, 56, 115-124.	0.4	5
63	Forest fragmentation modifies the composition of bumblebee communities and modulates their trophic and competitive interactions for pollination. <i>Scientific Reports</i> , 2020, 10, 10872.	1.6	17
64	Substantial genetic divergence and lack of recent gene flow support cryptic speciation in a colour polymorphic bumble bee (<i>Bombus bifarius</i>) species complex. <i>Systematic Entomology</i> , 2020, 45, 635-652.	1.7	36
65	Mass-migrating bumblebees: An overlooked phenomenon with potential far-reaching implications for bumblebee conservation. <i>Journal of Applied Ecology</i> , 2021, 58, 274-280.	1.9	19
66	A DNA barcode-based survey of wild urban bees in the Loire Valley, France. <i>Scientific Reports</i> , 2021, 11, 4770.	1.6	18
67	Investigating the ecology of the Great Yellow Bumblebee (<i>Bombus distinguendus</i>) within the wider bumblebee community in North-West Ireland. <i>Journal of Insect Conservation</i> , 2021, 25, 297-310.	0.8	3
68	Diversification Pattern of the Widespread Holarctic Cuckoo Bumble Bee, <i>Bombus flavidus</i> (Hymenoptera: Apidae): The East Side Story. <i>Insect Systematics and Diversity</i> , 2021, 5, .	0.7	6
69	Resolving the species status of overlooked West-Palaearctic bumblebees. <i>Zoologica Scripta</i> , 2021, 50, 616-632.	0.7	10
70	A combined RAD-Seq and WGS approach reveals the genomic basis of yellow color variation in bumble bee <i>Bombus terrestris</i> . <i>Scientific Reports</i> , 2021, 11, 7996.	1.6	7
71	Taxon-specific temporal shifts in pollinating insects in mass-flowering crops and field margins in Ireland. <i>Journal of Pollination Ecology</i> , 0, 28, 90-107.	0.5	7
72	DNA barcode sheds light on species boundaries in the common morphologically variable rove beetle <i>Quedius umbrinus</i> -complex that puzzled taxonomists for more than a century (Coleoptera). <i>Tj ETQq0 0 0 rg85/Overlæk 10 Tf 50</i>	0.5	10
73	Morphometric and molecular identification of the female castes of <i>Bombus ignitus</i> and <i>B. ardens</i> (Apidae: Hymenoptera). <i>Journal of Asia-Pacific Entomology</i> , 2021, 24, 918-924.	0.4	1

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74	An Insight into the Threadfin (Perciformes: Polynemidae) Diversity of Indian Waters using Mitochondrial COI Signatures. <i>Thalassas</i> , 2021, 37, 689-700.	0.1	2
75	Wild bees benefit from structural complexity enhancement in a forest restoration experiment. <i>Forest Ecology and Management</i> , 2021, 496, 119412.	1.4	16
76	Genetic diversity of genus <i>Vespa</i> including an invaded species of <i>V. velutina</i> (Hymenoptera: Vespidae) in Korea inferred from DNA barcoding data. <i>Journal of Asia-Pacific Entomology</i> , 2020, 23, 540-545.	0.4	7
77	Pesticide reduces bumblebee colony initiation and increases probability of population extinction. <i>Nature Ecology and Evolution</i> , 2017, 1, 1308-1316.	3.4	123
79	Two Colors, One Species: The Case of <i>Melissodes nigroaenea</i> (Apidae: Eucerini), an Important Pollinator of Cotton Fields in Brazil. <i>Sociobiology</i> , 2018, 65, 645.	0.2	8
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85	Improving the Conservation of Mediterranean Chondrichthyans: The ELASMOMED DNA Barcode Reference Library. <i>PLoS ONE</i> , 2017, 12, e0170244.	1.1	47
86	Recognition and identification of bumblebee species in the <i>Bombus lucorum</i> -complex (Hymenoptera, Apidae). <i>Entomologische Zeitschrift</i> , 2015, 62, 19-28.	0.3	18
87	Using the combined gene approach and multiple analytical methods to improve the phylogeny and classification of <i>Bombus</i> (Hymenoptera, Apidae) in China. <i>ZooKeys</i> , 2020, 1007, 1-21.	0.5	4
88	Contribution to the knowledge of the bumblebee fauna of Afghanistan (Hymenoptera, Apidae, <i>Bombus</i>)	0.5	1
89	The Cryptic Complex (Hymenoptera: Apidae) in Austria: Phylogeny, Distribution, Habitat Usage and a Climatic Characterization Based on COI Sequence Data. <i>Zoological Studies</i> , 2016, 55, e13.	0.3	5
90	Catching the thief: Nectar robbing behaviour by bumblebees on naturalised <i>Fuchsia magellanica</i> in Ireland. <i>Journal of Pollination Ecology</i> , 0, 29, 240-248.	0.5	1
91	The high alpine bee fauna (Hymenoptera: Apoidea) of the Zillertal Alps, Austria. <i>Biodiversity Data Journal</i> , 2014, 2, e1115.	0.4	1
92	Haplotypes, median networks, and diagnostic characters as tools to elucidate the intraspecific genetic and taxonomic structure of bumblebees, with a description of <i>Bombus cryptarum pallidocinctus</i> new subspecies (Hymenoptera: Apidae: <i>Bombus</i>).. <i>Contributions To Entomology</i> , 2014, 64, 221-229.	0.1	1

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94	A Review on DNA Barcoding on Fish Taxonomy in India. , 2018, , 259-280.		1
95	A Review on DNA Barcoding on Fish Taxonomy in India. , 2020, , 153-175.		2
98	The effects of climate and land use on British bumblebees: Findings from a decade of citizenâ€science observations. Journal of Applied Ecology, 2022, 59, 1837-1851.	1.9	6
99	Why do we find dead bumblebees under linden trees?. Ecological Entomology, 0, , .	1.1	0
100	Neutral processes related to regional bee commonness and dispersal distances are important predictors of plantâ€pollinator networks along gradients of climate and landscape conditions. Ecography, 2022, 2022, .	2.1	1
101	Integrative approach resolves the taxonomy of <i>Eulaema cingulata</i> (Hymenoptera, Apidae), an important pollinator in the Neotropics. Journal of Hymenoptera Research, 0, 94, 247-269.	0.8	1
102	Irish faba beans (Fabales: Fabaceae) depend on wild bumblebee pollination for marketable yields. Agricultural and Forest Entomology, 0, , .	0.7	1
103	Shining a light on species coexistence: visual traits drive bumblebee communities. Proceedings of the Royal Society B: Biological Sciences, 2023, 290, .	1.2	4
104	Evidence of two mitochondrial lineages and genetic variability in forensically important <i>Lucilia eximia</i> (Diptera: Calliphoridae) in Colombia. Journal of Medical Entomology, 0, , .	0.9	0