

# Nature versus nurture in social insect caste differentiation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Variations in Worker Cuticular Hydrocarbons and Soldier Isoprenoid Defensive Secretions Within and Among Introduced and Native Populations of the Subterranean Termite, <i>Reticulitermes flavipes</i> . <i>Journal of Chemical Ecology</i> , 2010, 36, 1189-1198.	0.9	37
2	Evolution: Plastic Sociality in a Sweat Bee. <i>Current Biology</i> , 2010, 20, R977-R979.	1.8	10
3	MORPHOLOGICAL DIVERGENCE OF BREEDERS AND HELPERS IN WILD DAMARALAND MOLE-RAT SOCIETIES. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 3190-3197.	1.1	42
4	Caste in Social Insects: Genetic Influences Over Caste Determination. , 2010, , 254-260.		1
5	Epigenetics of Royalty. <i>PLoS Biology</i> , 2010, 8, e1000532.	2.6	36
6	Relaxed selection is a precursor to the evolution of phenotypic plasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15936-15941.	3.3	148
7	Larval and nurse worker control of developmental plasticity and the evolution of honey bee queen-worker dimorphism. <i>Journal of Evolutionary Biology</i> , 2011, 24, 1939-1948.	0.8	87
8	Evolution and molecular mechanisms of adaptive developmental plasticity. <i>Molecular Ecology</i> , 2011, 20, 1347-1363.	2.0	311
9	Dynamics of an ant-ant obligate mutualism: colony growth, density dependence and frequency dependence. <i>Molecular Ecology</i> , 2011, 20, 1781-1793.	2.0	7
10	Variation in patriline reproductive success during queen production in orphaned colonies of the thelytokous ant <i>Cataglyphis cursor</i> . <i>Molecular Ecology</i> , 2011, 20, 2011-2022.	2.0	22
11	Random sperm use and genetic effects on worker caste fate in <i>Atta colombica</i> leaf-cutting ants. <i>Molecular Ecology</i> , 2011, 20, 5092-5102.	2.0	23
12	ORIGIN AND EVOLUTION OF THE DEPENDENT LINEAGES IN THE GENETIC CASTE DETERMINATION SYSTEM OF <i>POGONOMYRMEX</i> ANTS. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 869-884.	1.1	33
13	GENETIC COMPONENTS TO CASTE ALLOCATION IN A MULTIPLE-QUEEN ANT SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2907-2915.	1.1	27
14	Histone deacetylase inhibitor activity in royal jelly might facilitate caste switching in bees. <i>EMBO Reports</i> , 2011, 12, 238-243.	2.0	173
15	Differential expression of hypoxia pathway genes in honey bee ( <i>Apis mellifera</i> L.) caste development. <i>Journal of Insect Physiology</i> , 2011, 57, 38-45.	0.9	29
16	Soldier caste influences on candidate primer pheromone levels and juvenile hormone-dependent caste differentiation in workers of the termite <i>Reticulitermes flavipes</i> . <i>Journal of Insect Physiology</i> , 2011, 57, 771-777.	0.9	24
17	Genes, hormones, and circuits: An integrative approach to study the evolution of social behavior. <i>Frontiers in Neuroendocrinology</i> , 2011, 32, 320-335.	2.5	205
18	Polyphenism in Insects. <i>Current Biology</i> , 2011, 21, R738-R749.	1.8	320

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19	Genetic caste polymorphism and the evolution of polyandry in <i>Atta</i> leaf-cutting ants. <i>Die Naturwissenschaften</i> , 2011, 98, 643-649.	0.6	30
20	The evolution of workerâ€‘queen polymorphism in <i>Cataglyphis</i> ants: interplay between individual- and colony-level selections. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 1473-1482.	0.6	35
21	Division of labor and slave raid initiation in slave-making ants. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 2029-2036.	0.6	8
22	Queenâ€‘worker caste ratio depends on colony size in the pharaoh ant ( <i>Monomorium pharaonis</i> ). <i>Insectes Sociaux</i> , 2011, 58, 139-144.	0.7	24
23	A microsatellite-based test of the <i>Reticulitermes speratus</i> genetic caste determination model in <i>Coptotermes lacteus</i> . <i>Insectes Sociaux</i> , 2011, 58, 365-370.	0.7	0
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27	Evidence for genetically influenced caste determination in phylogenetically diverse species of the termite genus <i>Reticulitermes</i> . <i>Biology Letters</i> , 2011, 7, 257-260.	1.0	21
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33	Epigenetics in Social Insects: A New Direction for Understanding the Evolution of Castes. <i>Genetics Research International</i> , 2012, 2012, 1-11.	2.0	64
34	Endocrine Control of Insect Polyphenism. , 2012, , 464-522.		56
36	The influence of social structure on brood survival and development in a socially polymorphic ant: insights from a crossâ€‘fostering experiment. <i>Journal of Evolutionary Biology</i> , 2012, 25, 2288-2297.	0.8	19
37	Environmental and genetic controls of soldier caste in a parasitic social wasp. <i>Scientific Reports</i> , 2012, 2, 729.	1.6	11

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39	Epigenetics: The Making of Ant Castes. <i>Current Biology</i> , 2012, 22, R835-R838.	1.8	27
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49	Caste determination through mating in primitively eusocial societies. <i>Journal of Theoretical Biology</i> , 2013, 335, 31-39.	0.8	8
50	Evidence of a conserved functional role for <scp>DNA</scp> methylation in termites. <i>Insect Molecular Biology</i> , 2013, 22, 143-154.	1.0	36
51	Social influences on body size and developmental time in the bumblebee <i>Bombus terrestris</i> . <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1601-1612.	0.6	43
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53	Evolution of Manipulated Behavior. <i>American Naturalist</i> , 2013, 182, 439-451.	1.0	23
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61	Individual personalities shape task differentiation in a social spider. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131407.	1.2	75
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73	Genetic determination of female castes in a hybridogenetic desert ant. Journal of Evolutionary Biology, 2014, 27, 2265-2271.	0.8	19

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75	Body size variation and caste ratios in geographically distinct populations of the invasive big-headed ant, <i>Pheidole megacephala</i> (Hymenoptera: Formicidae). <i>Biological Journal of the Linnean Society</i> , 2014, 113, 423-438.	0.7	23
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85	How Do Genomes Create Novel Phenotypes? Insights from the Loss of the Worker Caste in Ant Social Parasites. <i>Molecular Biology and Evolution</i> , 2015, 32, 2919-2931.	3.5	40
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109	Sociality in Ants. , 2017, , 21-49.		7

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119	Social Life in Arid Environments: The Case Study of <i>Cataglyphis</i> Ants. <i>Annual Review of Entomology</i> , 2017, 62, 305-321.	5.7	57
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122	Lack of interruption of the gene network underlying wing polyphenism in an early-branching ant genus. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2018, 330, 109-117.	0.6	8
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129	Worker thelytoky allows requeening of orphaned colonies but increases susceptibility to reproductive cheating in an ant. <i>Animal Behaviour</i> , 2018, 135, 109-119.	0.8	5
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131	Correlates and Consequences of Worker Polymorphism in Ants. <i>Annual Review of Entomology</i> , 2018, 63, 575-598.	5.7	83
132	Doublesex Evolution Is Correlated with Social Complexity in Ants. <i>Genome Biology and Evolution</i> , 2018, 10, 3230-3242.	1.1	12
133	miRNA-Mediated Interactions in and between Plants and Insects. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3239.	1.8	23
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#	ARTICLE	IF	CITATIONS
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161	Repeated evolution of queen parthenogenesis and social hybridogenesis in <i>Cataglyphis</i> desert ants. <i>Molecular Ecology</i> , 2020, 29, 549-564.	2.0	26
162	Genomic imprinting and evolution of insect societies. <i>Population Ecology</i> , 2020, 62, 38-52.	0.7	22
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