

# Complementary symbiont contributions to plant decomposition by termites

Proceedings of the National Academy of Sciences of the United States of America  
111, 14500-14505

DOI: [10.1073/pnas.1319718111](https://doi.org/10.1073/pnas.1319718111)

Citation Report

#	ARTICLE	IF	CITATIONS
2	EFFECTS OF FIVE DIVERSE LIGNOCELLULOSIC DIETS ON DIGESTIVE ENZYME BIOCHEMISTRY IN THE TERMITE <i>Reticulitermes flavipes</i> . Archives of Insect Biochemistry and Physiology, 2015, 90, 89-103.	0.6	10
3	Dominant ectosymbiotic bacteria of cellulolytic protists in the termite gut also have the potential to digest lignocellulose. Environmental Microbiology, 2015, 17, 4942-4953.	1.8	55
4	Diet is the primary determinant of bacterial community structure in the guts of higher termites. Molecular Ecology, 2015, 24, 5284-5295.	2.0	143
5	CCHamide-2 Is an Orexigenic Brain-Gut Peptide in Drosophila. PLoS ONE, 2015, 10, e0133017.	1.1	91
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7	Towards an integrated understanding of the consequences of fungus domestication on the fungus-growing termite gut microbiota. Environmental Microbiology, 2015, 17, 2562-2572.	1.8	34
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10	A genomic comparison of two termites with different social complexity. Frontiers in Genetics, 2015, 6, 9.	1.1	60
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12	The Enterobacterium Trabulsiella odontotermis Presents Novel Adaptations Related to Its Association with Fungus-Growing Termites. Applied and Environmental Microbiology, 2015, 81, 6577-6588.	1.4	18
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15	Transitional Complexity of Social Insect Immunity. Frontiers in Ecology and Evolution, 2016, 4, .	1.1	10
16	Expanding the Knowledge on Lignocellulolytic and Redox Enzymes of Worker and Soldier Castes from the Lower Termite Coptotermes gestroi. Frontiers in Microbiology, 2016, 7, 1518.	1.5	26
17	Potential for Nitrogen Fixation in the Fungus-Growing Termite Symbiosis. Frontiers in Microbiology, 2016, 7, 1993.	1.5	37
18	Natural products from microbes associated with insects. Beilstein Journal of Organic Chemistry, 2016, 12, 314-327.	1.3	101
19	Age polyethism drives community structure of the bacterial gut microbiota in the fungus-cultivating termite <i>Reticulitermes formosanus</i> . Environmental Microbiology, 2016, 18, 1440-1451.	1.8	33

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21	The Mechanistic Benefits of Microbial Symbionts. <i>Advances in Environmental Microbiology</i> , 2016, , .	0.1	2
22	Potential applications of insect symbionts in biotechnology. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 1567-1577.	1.7	132
23	Lessons from Digestive-Tract Symbioses Between Bacteria and Invertebrates. <i>Annual Review of Microbiology</i> , 2016, 70, 375-393.	2.9	28
24	Genome and metagenome analyses reveal adaptive evolution of the host and interaction with the gut microbiota in the goose. <i>Scientific Reports</i> , 2016, 6, 32961.	1.6	36
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30	Bacterial communities in termite fungus combs are comprised of consistent gut deposits and contributions from the environment. <i>Microbial Ecology</i> , 2016, 71, 207-220.	1.4	48
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39	Transcriptome sequencing and estimation of DNA methylation level in the subsocial wood-feeding cockroach <i>Cryptocercus punctulatus</i> (Blattodea: Cryptocercidae). <i>Applied Entomology and Zoology</i> , 2017, 52, 643-651.	0.6	9
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59	Microbial Communities of the Gut and Nest of the Humus- and Litter-Feeding Termite <i>Procornitermes araujoi</i> (Syntermitinae). <i>Current Microbiology</i> , 2018, 75, 1609-1618.	1.0	13
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65	Longevity and transposon defense, the case of termite reproductives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5504-5509.	3.3	81
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79	Fungal nutrition allocation enhances mutualism with fungus-growing termite. <i>Fungal Ecology</i> , 2019, 41, 92-100.	0.7	19
80	No "Gadgil effect": Temperate tree roots and soil lithology are effective predictors of wood decomposition. <i>Forest Pathology</i> , 2019, 49, e12506.	0.5	8
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83	Bamboo lignocellulose degradation by gut symbiotic microbiota of the bamboo snout beetle <i>Cyrtotrachelus buqueti</i> . <i>Biotechnology for Biofuels</i> , 2019, 12, 70.	6.2	48
84	The de novo transcriptome of workers head of the higher group termite <i>Globitermes sulphureus</i> Haviland (Blattodea: Termitidae). <i>Heliyon</i> , 2019, 5, e02969.	1.4	0
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93	A Natural High-Sugar Diet Has Different Effects on the Prokaryotic Community Structures of Lower and Higher Termites (Blattaria). Environmental Entomology, 2020, 49, 21-32.	0.7	4
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111	Expression profiles of neotropical termites reveal microbiota-associated, caste-biased genes and biotechnological targets. <i>Insect Molecular Biology</i> , 2021, 30, 152-164.	1.0	1
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152	Worker-dependent gut symbiosis in an ant. <i>ISME Communications</i> , 2021, 1, .	1.7	6
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156	Microbial diversity in termite gut ecosystem and their role in lignocellulosic degradation. , 2022, , 155-175.		3
158	Comparative Genomic and Metabolomic Analysis of <i>Termitomyces</i> Species Provides Insights into the Terpenome of the Fungal Cultivar and the Characteristic Odor of the Fungus Garden of <i>Macrotermes natalensis</i> Termites. <i>MSystems</i> , 2022, 7, e0121421.	1.7	8

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159	Distribution patterns of four Termitomyces species cultivated by a fungus-growing termite, Odontotermes formosanus, in Taiwan. Fungal Ecology, 2022, 56, 101136.	0.7	0
161	Lifespan prolonging mechanisms and insulin upregulation without fat accumulation in long-lived reproductives of a higher termite. Communications Biology, 2022, 5, 44.	2.0	27
162	Genomic and transcriptomic analyses of the subterranean termite <i>Reticulitermes speratus</i> : Gene duplication facilitates social evolution. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	37
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