

TABLE 1. Summary of bacteria isolated from guts of *R. flavipes* workers^a

Location and date of collection	Length of captivity (mo) ^b	Viable bacteria/gut ($\times 10^{-5}$) ^c	No. of isolates characterized	Generic affiliation of isolates						
				<i>Streptococcus</i>	<i>Bacteroides</i>		"Enteric type" ^d	<i>Lactobacillus</i>	<i>Fusobacterium</i>	Unidentified anaerobic rods
					Group 1	Group 2				
Janesville, Wis.										
June 1977	0	2.1	44	28	14	1	1	0	0	0
June 1976	2	2.0	33	19	8	1	4	0	0	1
June 1976	9	3.0	16	13	1	0	2	0	0	0
June 1975	9	8.6	38	17	4	0	9	6	0	2
June 1973	17	5.8	23	15	0	3	2	1	2	0
Spring Arbor, Mich.										
May 1977	0	1.4	30	27	2	0	1	0	0	0
July 1976	8	1.6	24	19	0	0	5	0	0	0

^a All isolates were obtained by using BHI medium.

^b Zero months refers to termites used within 24 h of collection.

^c Average of two experiments (one using N₂/H₂ isolation atmosphere, the other using GasPak) for each period of captivity, except for 9-months captivity of June, 1976, Janesville collection (one experiment; N₂/H₂ atmosphere). Grand mean, $3.5 \pm 2.8 \times 10^5$ ($n = 13$). Mean value with N₂/H₂ atmosphere, $3.1 \pm 2.0 \times 10^5$ ($n = 7$); with GasPak atmosphere, $4.0 \pm 3.7 \times 10^5$ ($n = 6$).

^d Assigned to the family *Enterobacteriaceae*.