

Frequency and Distribution of Rickettsiae, Borreliae, and Ehrlichiae Detected in Human-Parasitizing Ticks, Texas, USA

Technical Appendix

Technical Appendix Table. Summary of number, identity, and bacterial screening results for ticks submitted by Texas Department of State Health Services Zoonosis Control, October 1, 2008–September 30, 2014*

Tick	No. positive/no. tested			Total
	<i>Borrelia</i> spp.	<i>Ehrlichia</i> spp.	<i>Rickettsia</i> spp.	
<i>Amblyomma americanum</i>				
Adult female	6/209	1/209	71/209	78/209
Adult male	1/155	1/155	41/155	43/155
Nymph	1/219	0/219	54/219	55/219
Larva	0/8	0/8	0/8	0/8
<i>Amblyomma cajennense</i>				
Adult female	0/5	0/5	1/5	1/5
Adult male	0/6	0/6	0/6	0/6
Nymph	0/19	0/19	9/19	9/19
Larva	0/1	0/1	0/1	0/1
<i>Amblyomma maculatum</i>				
Adult female	1/22	0/22	2/22	3/22
Adult male	1/29	2/29	2/29	5/29
Nymph	0/6	0/6	0/6	0/6
Larva	0/0	0/0	0/0	0/0
<i>Dermacentor variabilis</i>				
Adult female	1/90	0/90	2/90	3/90
Adult male	0/63	0/63	2/63	2/63
Nymph	0/4	0/4	0/4	0/4
Larva	0/0	0/0	0/0	0/0
<i>Dermacentor andersoni</i>				
Adult female	0/2	0/0	2/2	2/2
Adult male	0/0	0/0	0/0	0/0
Nymph	0/0	0/0	0/0	0/0
Larva	0/0	0/0	0/0	0/0
<i>Ixodes scapularis</i>				
Adult female	1/52	0/52	42/52	43/52
Adult male	0/1	0/1	0/1	0/1
Nymph	0/6	0/6	3/6	3/6
Larva	0/0	0/0	0/0	0/0
Total	12/897	4/897	231/897	247/897

*Table only includes ticks originating in Texas that tested positive for *Borrelia*, *Ehrlichia*, or *Rickettsia* spp. One hundred thirty-seven *Rhipicephalus sanguineus*, 12 unidentified *Amblyomma* spp., 6 unidentified *Ixodes* spp., 3 *Otobius megnini*, 2 unidentifiable ticks and 1 specimen each of *Amblyomma imitator*, *Amblyomma inornatum*, *Dermacentor albipictus*, *Dermacentor nigrolineatus*, and *Ixodes woodi* were additionally submitted from Texas.