

AT1

Percentage of forest and location of the six 1 km² landscape units used to sample rodents and their ectoparasites in the Marques de Comillas region, Southern Mexico. The percentage of forest cover was taken from Wies et al. (2021)

Site	Forest cover (%)	Coordinates	
		Lat. (N)	Long. (W)
LM_0.7 %	0.7	16°11'49"	-90°50'21"
CHA_5 %	5.0	16°05'39"	-90°51'39"
PL2_40 %	40.8	16°07'28"	-90°53'54"
GIL_46 %	46.0	16°05'07"	-90°58'17"
CHP_78 %	78.0	16°06'11"	-90°55'53"
PLR_95 %	95.8	16°08'43"	-90°53'46"

AT2

Ectoparasite species recorded in the rodent species captured in the Marques de Comillas region in the state of Chiapas, southern Mexico. The black dots indicate that the ectoparasite was present

Order	Ectoparasites	Host				
		<i>S. toltecus</i>	<i>H. desmarestianus</i>	<i>O. phyllotis</i>	<i>O. couesi</i>	<i>P. mexicanus</i>
Mesostigmata	<i>Androlaelaps fahrenheiti</i> (Berlese, 1911)	●			●	
	<i>Echinonyssus</i> sp. ¹		●			
	<i>Echinonyssus</i> sp. ² (C.a. <i>E. liomys</i>)		●	●		
	<i>Echinonyssus</i> sp. ³ (C.a. <i>E. isabela</i> y <i>E. teresa</i>)		●			
	<i>Echinonyssus</i> sp. ⁴		●		●	
	<i>Echinonyssus</i> sp. ⁵	●			●	
	<i>Laelaps manguinhosi</i> (Fonseca, 1935)	●	●		●	●
	<i>Steptolaelaps heteromys</i> (Bassols, 1975)		●	●	●	●
	<i>Gigantolaelaps boneti</i> (Bassols de Barrera, 1970)					●
	<i>Ornithonyssus bacoti</i> (Hirst, 1913)	●				
Sarcoptiformes	<i>Prolistophorus</i> sp.				●	

	(C.a. <i>P. monilistriatus</i>)					
	<i>Prolistophorus grassii</i> (Radford, 1954)	•			•	
	<i>Prolistophorus bakeri</i> (Radford, 1949)	•			•	
	<i>Geomylichus nectomys</i> (Fain, 1978)		•			
	<i>Dermacarus</i> sp.		•			
Phthiraptera	<i>Hoplopleura hirsuta</i> (Ferris, 1916)	•			•	•
	<i>Fahrenheitia ferrisi</i> (Werneck, 1952)		•			
Trombidiformes	<i>Cordiseta mexicana</i> (Hoffmann, 1954)			•		
	<i>Pseudoschoengastia brennani</i> (Hoffmann, 1960)			•		
	<i>Parasecia kansasensis</i> (Loomis, 1955)	•				
	<i>Dermadelema mojavense</i> (Pomeroy & Loomis, 1984)			•		
	<i>Eutrombicula batatas</i> (Linnaeus, 1758)				•	
Ixodida	<i>Amblyomma</i> sp.	•	•		•	•

