

TABLE 1: Number of *Triatoma costalimai* specimens used in the study sorted by municipalities and methods.

Municipalities	Methods				
	Geometrics Morphometrics		Molecular Analysis		
	Habitat	Adults	Habitat	Adults	Nymphs
Posse (Northeastern Goiás)	Rocks	15	Rocks	1	
	F1*	5	Chicken coop	1	
Carmo do Rio Verde (Central Goiás)	Rocks	5	Rocks		1
		6	Rocks		10
			Rocks		8
			Rocks		16
São Desidério (Bahia)	Rocks	9	Rocks	1	36

*F1 generation.

TABLE 2: Municipalities, locations, and habitats where *Triatoma costalimai* specimens were collected in Brazil.

Municipality	Location	Habitat	GPS*	Date
Posse (Northeastern Goiás)	Jatobá de Baixo	Wild area	S 14° 10' 34.4" W 46° 22' 31.8"	Dec/2014
	Jatobá de Baixo	Chicken coop	S 14° 11' 40.5" W 46° 22' 41.7"	Dec/2014
Carmo do Rio Verde (Central Goiás)	Pedra Solta	Wild area	S 15° 29' 25.9" W 49° 51' 06.4"	Jun/2016
	Pedra Solta	Wild area	S 15° 28' 39.6" W 49°51'16.9"	Jun/2016
	Morro Alegre	Wild area	S 15° 27' 52.8" W 49°50'20.9"	Jun/2016
	Pedra Solta 1	Wild area	S 15° 30' 05.0" W 49° 49' 46.2"	Jun/2016
São Desidério (Bahia)	Baixo dos Coqueiros	Wild area	S 12°29'55.6" W 044°54'55.2"	Aug/2016

* For the acquisition of the geographic coordinates, we utilized eTrax H (Garmin) GPS. The datum utilized was WGS84.

TABLE 3: GenBank accession numbers, habitats, and origin of triatomine species analyzed.

Species	16S	Habitat	Origin
<i>Triatoma jatai</i>	KT601153.1, KT601155.1, KT601154.1	Rocks	Paraná, Tocantins
<i>Triatoma costalimai</i>	KT601152.1, KT601151.1	Rocks	Aurora do Tocantins, Tocantins
	KC248997	Rocks	Posse, Goiás
	KC248998.1	?	Cochabamba, Bolivia
	MH538284	Rocks	Carmo do Rio Verde, Goiás
	MH538285	Rocks	Carmo do Rio Verde, Goiás
	MH538286	Rocks	Mambaí, Goiás
	MH538287	Rocks	Mambaí, Goiás
	MH538288	Rocks	Posse, Goiás
	MH538289	Rocks	Posse, Goiás
	MH538290	Rocks	São Desidério, Bahia
MH538291	Rocks	São Desidério, Bahia	

Sequences obtained in this study are highlighted in bold.