

TAB.1 RELATIVE FREQUENCY OF THE STRUCTURAL TYPES OF *TRYPANOSOMA CRUZI* DETERMINED IN THE ENTIRE DIGESTIVE TRACT OF THE VECTOR AT INCREASING INTERVALS AFTER A SINGLE FEED ON INFECTED MAMMALS

Infec tion in bugs	Orga nisms anali zed Nr.	Distribution by structural types (%) in different vector species							
		Round forms				Epimastigotes			Metacyclic trypomasti gotes
Days		Amasti gotes	Spheromas tigotes	in di vision	in tran sition	fully formed	in di vision	in tran sition	
<i>Rhodnius neglectus</i>									
4	267	1.5	4.1	3.4	63.7	26.2	0.7	0.4	0
8	498	1.0	2.6	2.0	37.9	53.6	1.4	1.4	0
15	837	0.2	0.5	1.0	8.4	77.4	7.5	4.9	0.1
30	1036	0.7	2.2	0.7	0	65.6	10.2	15.0	5.6
45	1057	0.5	0.1	0.2	0	81.5	5.3	7.1	5.4
60	1003	1.2	1.3	1.3	0	67.3	9.2	17.2	2.5
90	721	0.4	0.7	0.8	0	33.4	7.2	32.9	24.5
120	1085	0	0.4	0	0	34.8	7.4	6.8	50.6
150	879	0	0.3	0	0	36.3	5.2	14.4	43.7
180	1125	0.1	0	0	0.1	44.6	11.1	6.9	37.2
210	1134	0	0.3	0	0	28.0	12.1	9.0	50.8
240	1565	0	0	0.2	0	46.3	8.4	14.7	30.4
300	478	0	0	0	0	61.1	11.5	3.8	23.6
<i>Rhodnius prolixus</i>									
4	85	10.6	8.2	8.2	68.2	4.7	0	0	0
8	197	1.5	14.2	3.6	52.3	27.4	0	1.0	0
15	472	20.6	3.8	5.1	24.4	39.2	3.4	3.6	0
30	710	0.1	1.7	2.0	0.3	79.7	4.8	9.2	2.3
45	427	0	0.2	0	0	78.0	5.2	14.8	1.9
60	298	0.3	0.3	0	0	65.1	9.1	23.8	1.3
90	660	0.1	0.9	0.3	0.1	33.2	7.3	20.2	37.9
120	455	0.7	0.4	0.2	0.2	50.3	4.8	13.0	30.3
150	127	0	0.8	0	0	52.0	3.1	21.3	22.8
180	299	0	0	0	0	68.0	5.0	13.4	13.7
210	736	0	0	0	0	39.3	14.3	8.7	37.8
240	43	0	0	0	2.3	65.1	4.7	9.3	18.6
<i>Panstrongylus megistus</i>									
4	183	5.5	4.9	6.0	42.1	38.2	2.7	0.5	0
8	283	2.5	1.4	0	21.2	71.4	1.4	2.1	0
15	656	3.5	1.7	0.2	23.0	67.8	1.4	2.4	0
30	606	1.3	1.8	0.5	0.2	86.3	1.7	8.3	0
45	734	3.0	1.4	0.3	1.2	86.2	2.0	3.8	2.0
60	807	0	0.1	0	0.1	81.0	7.6	9.8	1.4
90	812	0.1	0.5	0.1	0	56.2	9.4	17.6	16.1
120	1064	0.5	1.0	0	0.5	60.0	8.2	11.8	18.0
150	1057	0.2	0.1	0.1	0	52.5	9.2	10.8	27.2
180	840	0.1	0.2	0	0	65.1	4.0	3.8	26.7
210	1484	0.3	0.8	0.1	0	59.0	9.3	6.1	24.5
240	1175	0	0.4	0.2	0.2	69.9	10.1	8.9	10.3
<i>Triatoma infestans</i>									
4	211	2.4	4.3	6.6	67.3	18.5	0.5	0.5	0
8	357	1.4	16.5	0	28.6	52.1	0.8	0.6	0
15	584	0	0.9	0.2	16.4	77.9	1.9	2.7	0
30	872	1.8	3.4	3.6	15.0	68.2	3.2	4.5	0.2
45	734	1.4	1.5	1.9	18.5	61.9	4.8	8.6	1.5
60	352	3.7	0.6	1.4	17.6	68.8	3.4	4.5	0
90	705	0.4	0	0.6	0.1	55.0	4.5	33.2	6.1
120	480	0	0.4	0	0.4	71.9	6.0	5.2	16.0
150	569	0	0.5	0.2	0	38.8	4.7	13.7	42.0

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Distribution by structural types (%) in different vector species									
Infection in bugs	Organisms analyzed	Round forms			Epimastigotes			Metacyclic trypomastigotes	
		Amastigotes	Spheromastigotes	in division	in transition	fully formed	in division		in transition
Days	Nr.								
<i>Triatoma rubrovaria</i>									
15	201	3.0	0	0	5.5	89.0	2.5	0	0
30	81	4.9	2.5	2.5	3.7	77.9	3.7	1.9	0
45	334	0	0	0	0	88.6	5.1	6.3	0
60	302	0	0	1.3	0	49.0	4.0	34.8	10.9
90	360	0.6	0	0.3	0	71.7	7.5	18.1	1.9
120	1054	0	0	0	0	65.8	3.5	3.2	27.5
150	314	0	0	0.3	0	86.6	1.6	1.6	9.9
180	338	0	0	0	0	67.5	1.8	3.9	26.9
<i>Triatoma dimidiata</i>									
15	*5	-	-	-	-	-	-	-	-
30	64	37.5	6.2	4.7	0	48.4	3.1	0	0
60	320	0.3	0	0	0	51.3	2.5	44.7	1.2
90	325	0	0.9	0	0	44.6	9.5	18.5	26.4
120	121	0	0	0	0	81.8	0	13.2	5.0
<i>Triatoma sordida</i>									
15	92	1.1	0	0	14.1	79.3	2.2	3.3	0
30	249	0.8	5.2	2.4	0	71.9	3.2	16.5	0
45	310	0.3	0.6	0.6	1.2	85.8	7.1	4.2	0
60	323	0	0	0	0	67.5	6.5	24.5	1.5
90	356	0.3	0.3	0.3	0.3	77.8	9.0	9.0	3.0
120	475	0	0.2	0	0	81.7	4.2	8.2	5.7
150	327	0.9	0	0.3	0	86.2	2.8	5.5	4.3
180	452	0.2	0	0.2	0	56.4	10.2	10.0	23.0
210	684	1.0	0.3	0	0	80.3	4.8	8.2	5.4
240	417	0	0.2	0	0	62.4	10.6	19.7	7.2
<i>Triatoma brasiliensis</i>									
15	537	0.7	0	0.9	9.5	84.7	3.9	0.2	0
30	315	0.6	4.4	0	0	72.1	2.9	19.0	0.9
45	374	1.9	1.1	0.8	0.8	72.2	9.6	9.1	4.5
60	303	0	0	1.0	0	50.8	11.2	34.3	2.7
90	320	0.6	0.6	0	0	71.3	6.3	14.1	7.2
120	740	0.5	1.1	0	0	79.1	4.1	12.0	3.2
150	*10	-	-	-	-	-	-	-	-
180	326	0	0.3	0.3	0	84.7	5.5	8.6	0.6
<i>Triatoma pseudomaculata</i>									
15	229	10.9	1.7	3.5	45.4	37.6	0.9	0	0
30	318	2.2	3.1	0	0.6	81.8	3.1	8.5	0.6
45	317	0.9	0	0.6	0.9	82.0	6.3	9.1	0
60	300	0	0.3	1.0	0	95.0	2.7	1.0	0
90	334	0	5.1	2.4	0	73.1	5.7	12.6	1.2
120	588	0.5	1.0	0	0	89.8	2.4	6.3	0
150	265	1.1	3.0	1.9	0	78.1	2.3	10.6	3.0
180	574	1.1	0.5	0	1.4	91.1	4.5	1.1	0.4
210	632	4.1	1.1	0.5	0.3	85.4	3.6	3.0	1.9
240	593	0.3	0.2	0.3	0	52.3	8.6	21.9	16.4
300	420	0	0	0.2	0	93.3	2.4	3.8	0.2