

Figure S1. Average parity rate for each collection site comparing: A) Before vs. after midnight collections; B) Indoor vs. outdoor collections; C) Rainy vs. dry collections.

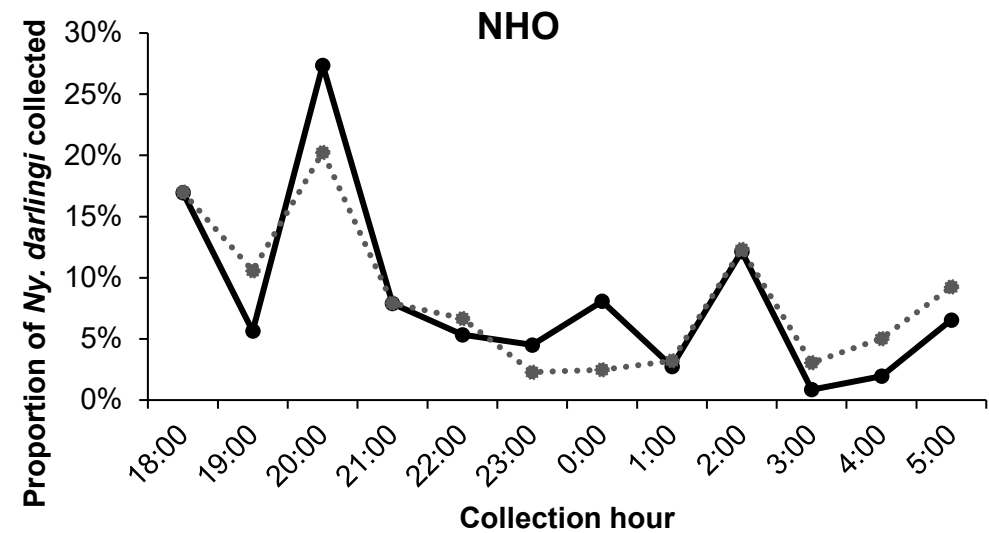
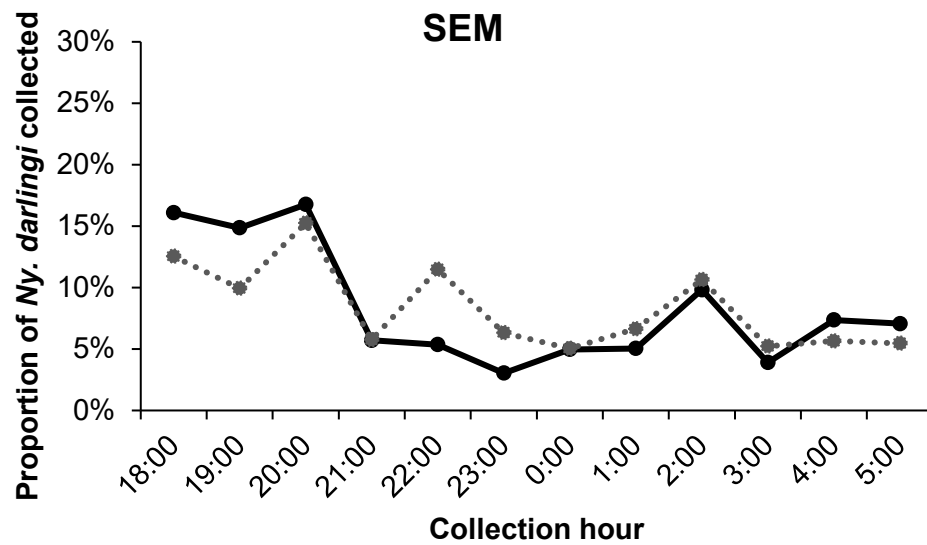
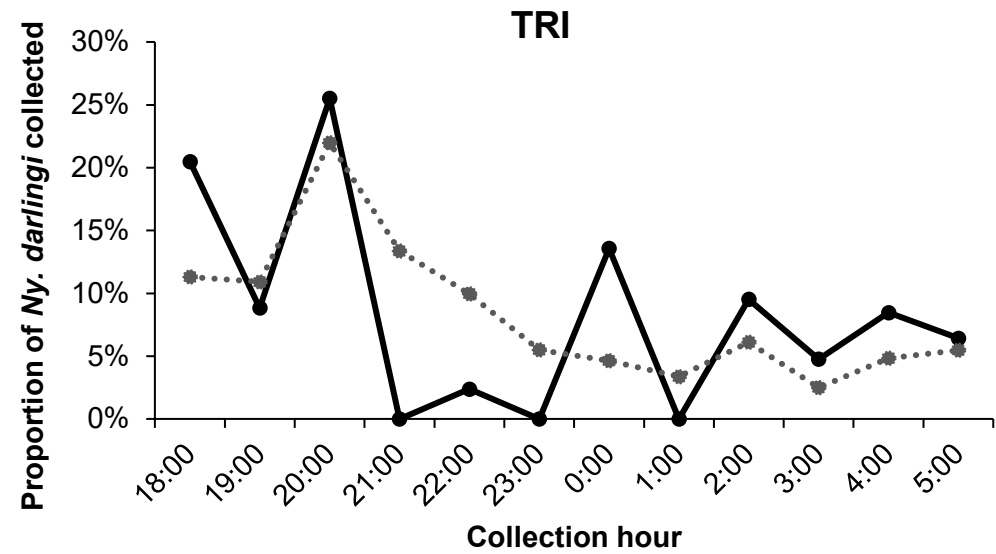
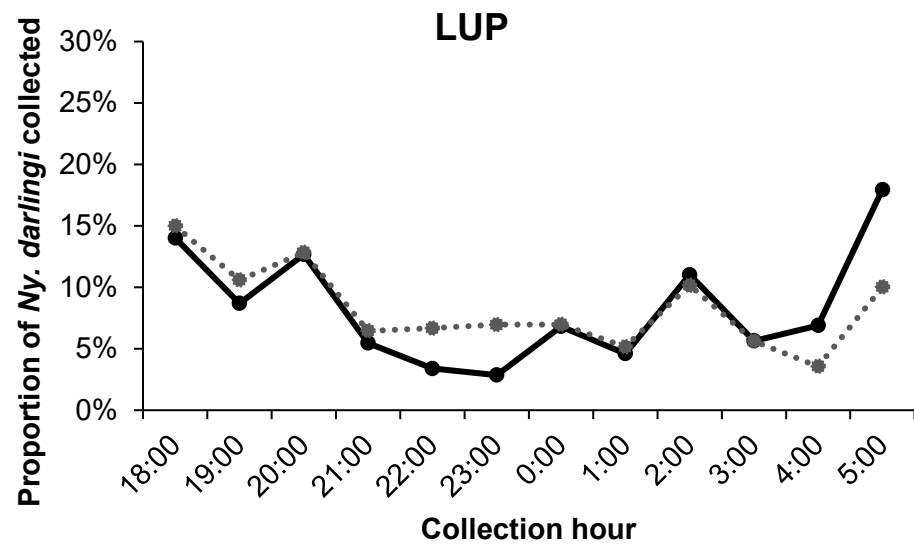


Figure S2. Average proportion of *Ny. darlingi* collected hourly, biting indoor (solid black line) vs. outdoor (gray dotted line) for each collection site. Confidence intervals not shown (for clarity).

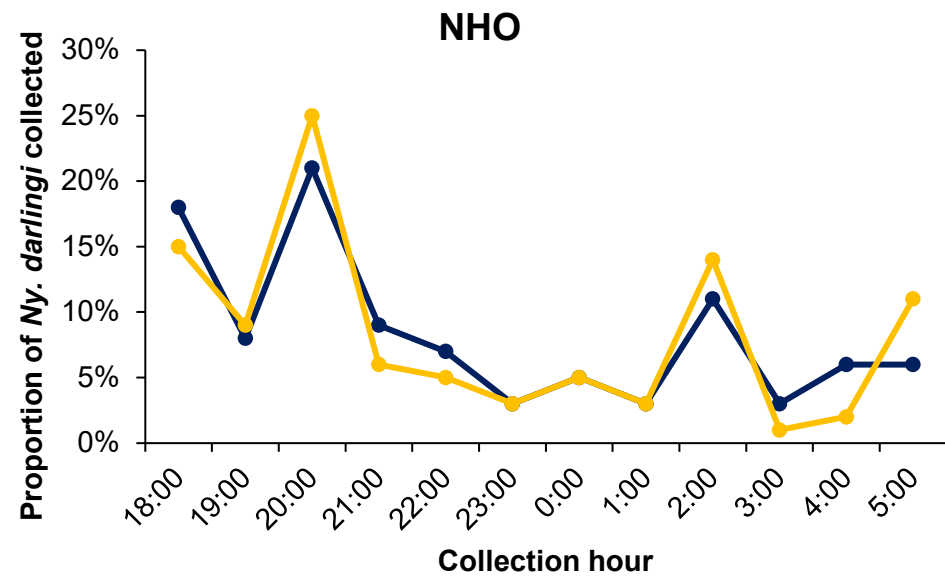
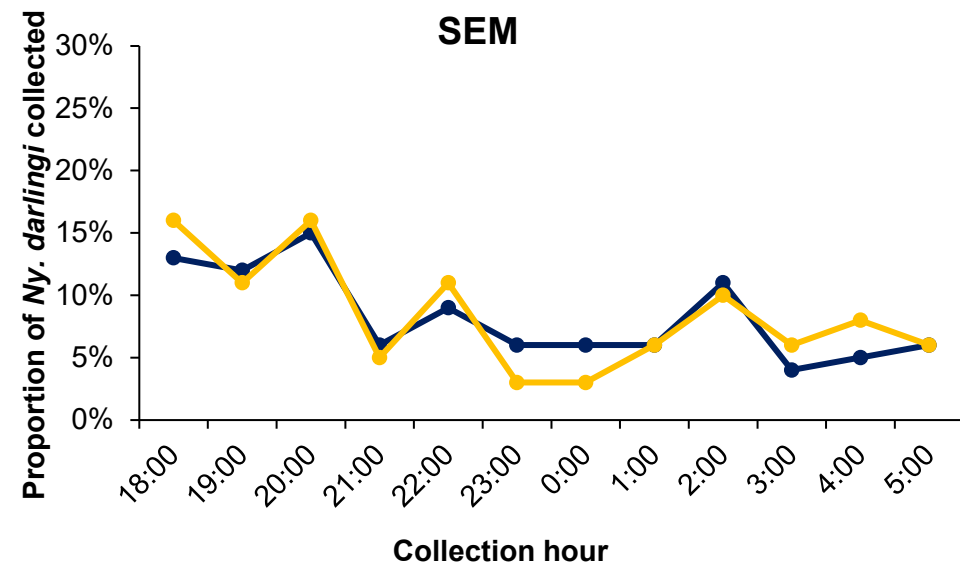
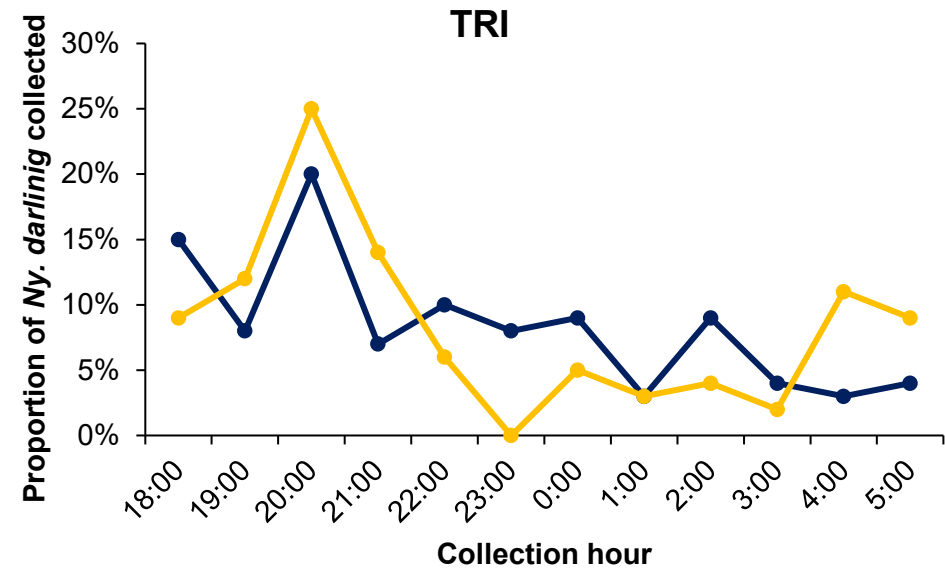
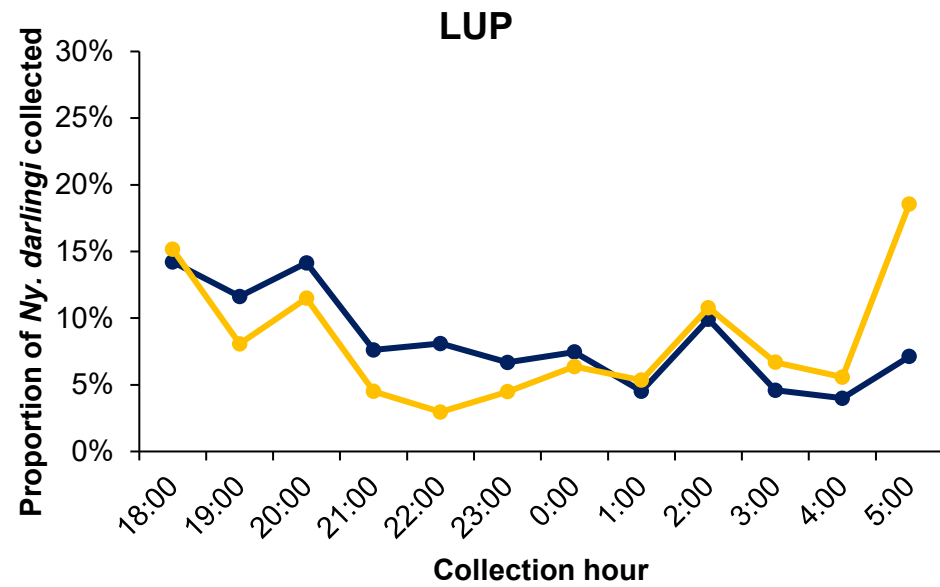


Figure S3. Average proportion of *Ny. darlingi* collected hourly, by season (blue: rainy; yellow: dry) for each collection site. Confidence intervals not shown (for clarity).

Table S1. Kruskal-Wallis analysis on ranked abundance of *Nyssorhynchus darlingi*, in four collection sites (Lupuna, Nuevo Horizonte, Santa Emilia, El Triunfo), during rainy and dry seasons 2016-2017.

Variable	Degrees of freedom	F-value	p value
Season	1	385.34	< 0.0001
Site	3	390.92	< 0.0001
Indoor/outdoor	1	145.20	< 0.0001
Time period	3	52.29	< 0.0001
Season x site	3	31.80	< 0.0001
Season x indoor/outdoor	1	3.90	0.0486
Season x time period	3	6.347	0.0003
Site x time period	9	3.685	0.0002
Indoor/outdoor x time period	3	3.66	0.0122
Season x site x indoor/outdoor	6	2.448	0.0238
Site x indoor/outdoor x time period	9	2.13	0.0253