

Supplementary materials:

**The role of nocturnal and diurnal pollinators in the commercial production of
Dragon Fruit crops in Costa Rica**

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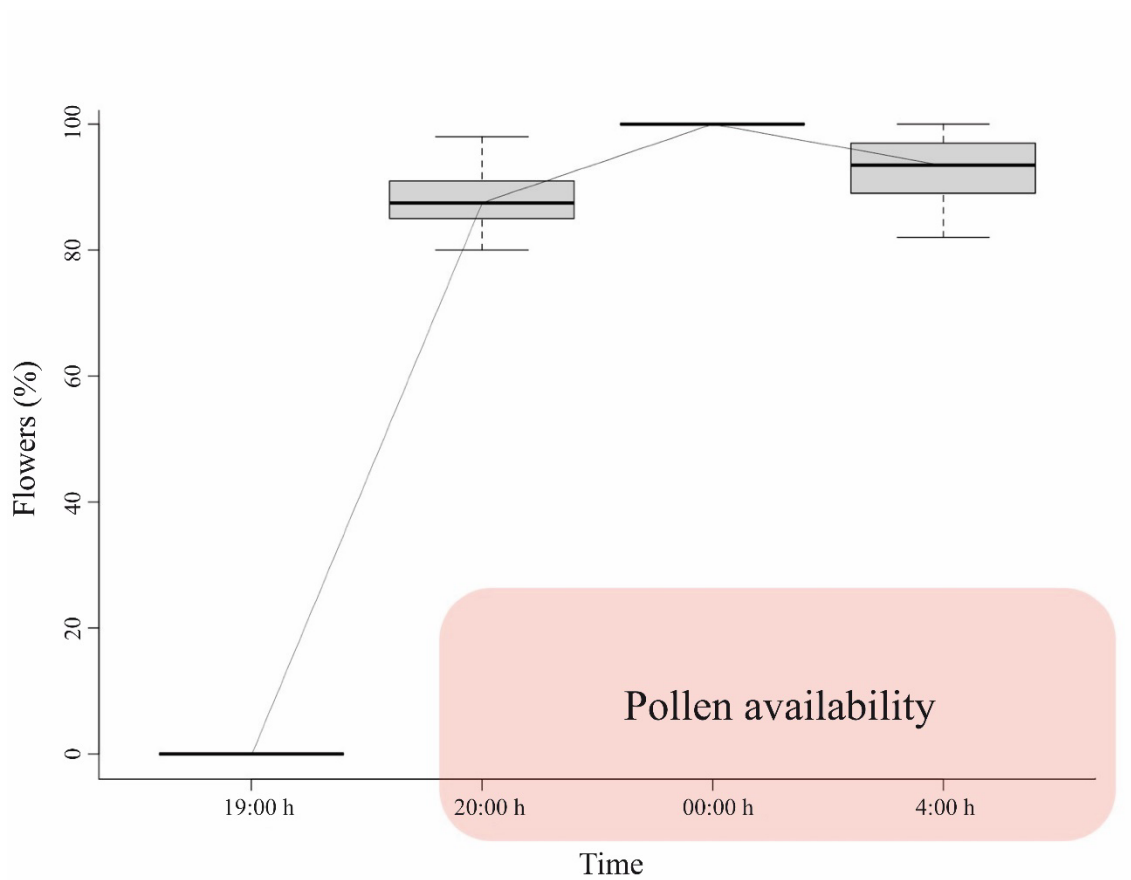


Fig. S1. Stigmatic receptivity according to the moment of the night during the massive flowering events (n=315 for 19:00 h, 20:00 h, and 4:00 h; n=290 for midnight). The boxes represent the interquartile range, the horizontal line of the box represents the median, and the whiskers represent the 98% distribution of the data. The pink box represents the interval where pollen is available for pollination.

Table S1. Spatiotemporal context of the sampling nights. The number of sampled nights is indicated. Times are in CST.

Plantation	Sampling				
	2019		2020		
	June	September	May	July	August
Curubandé	2	-	-	-	-
Atenas	-	1	1	2	-
El Salto	-	-	-	-	2
Sunset*	18:02	17:31	17:50	18:01	18:00
Sunrise*	5:18	5:26	5:17	5:27	5:32

Table S2. The specimens collected and identified as floral visitors of *H. costaricensis*. Daytime (D), evening (E), nighttime (N), and early morning (M).

* *M. rustica* probably.

Order	Family	Taxon	Site	Period
Coleoptera	Cantharidae	sp.1	Atenas	D
		sp.2	Atenas	D
	Chrysomelidae	Eumolpinae sp.1	Curubandé	D
		Eumolpinae sp.2	Atenas	D
		Galerucinae sp.1	El Salto	E
		Galerucinae sp.2	Atenas	E
	Nitidulidae	sp.1	Curubandé	N
		sp.2	Atenas	N
		sp.3	Atenas	N
		sp.4	Atenas	N
	Scarabaeidae	<i>Cyclocephala</i> sp.	Curubandé	N
		Rutelinae sp.1	Atenas	E,N
		Rutelinae sp.2	Atenas	E,N

		Scarabaeinae sp.1	Curubandé	E,N
		Scarabaeinae sp.2	El Salto	N
Diptera	Muscidae	sp.1	Atenas	E
	Sarcophagidae	sp.1	Atenas	E
Hemiptera	Cixiidae	sp.1	Atenas	N
Hymenoptera	Apidae	<i>Apis mellifera</i>	All sites	M
		<i>Cephalotrigona zexmeniae</i>	Atenas	E
		<i>Melipona beecheii</i>	Curubandé	M
		<i>Partamona orizabaensis</i>	Atenas	M
		<i>Trigona corvina</i>	Atenas	E
		<i>Trigona silvestriana</i>	Atenas	E
		<i>Xylocopa fimbriata</i>	Curubandé	N,M
		<i>Xylocopa c.f. gualanensis</i>	Curubandé	N,M
	Halictidae	<i>Agapostemon texanus</i>	Curubandé	N
		<i>Augochlora sidaefoliae</i>	Curubandé	N
		<i>Caenaugochlora</i>	Curubandé	N
		<i>costaricensis</i>		
		<i>Megalopta amoena</i>	Curubandé, El Salto	N
	Ichneumonidae	<i>Ophion</i> sp.	Atenas	N
	Vespidae	<i>Agelaia centralis</i>	Atenas	M
Lepidoptera	Sphingidae	<i>Manduca rustica</i>	Curubandé, El Salto*	N