SUPPLEMENTARY DATA

Table S1. Floral traits and insect visitors sampled among 34 populations of *Eichhornia azurea* among the four flood classes defined by height and duration (LS = Low-Short, MM = Medium-Medium, ML = Medium-Long, HL = High-Long) in the Pantanal wetlands, Brazil.

Sub-region	Flood class	Population			Data collected			
		#	Size	Structure	Style and filament	Perianth	Pollen	Floral visitors
Nabileque								
	LS	1	1_25	Monomorphic	X	X		
	LS	2	51-100	Trimorphic	X	X	X	
	LS	10	1_25	Trimorphic	X	X	X	X
	LS	14	101-200	Trimorphic	X	X	X	X
	LS	15	101-200	Trimorphic	X		X	
	LS	17	201-500	Trimorphic	X	X	X	X
	LS	18	201-500	Trimorphic	X	X		X
	LS	20	501-1000	Trimorphic	X	X	X	
Aquidauana								
	LS	23	101-200	Trimorphic	X	X	X	X
	LS	24	201-500	Trimorphic	X	X	X	X
	MM	46	51-100	Trimorphic	X	X	X	
	ML	47	51-100	Trimorphic	X	X	X	X
	ML	48	51-100	Trimorphic	X	X	X	X
Miranda								
	ML	54	101-200	Trimorphic	X	X	X	
	ML	55	101-200	Trimorphic	X	X	X	
	ML	56	101-200	Trimorphic	X	X	X	
	ML	57	101-200	Trimorphic	X	X	X	
	ML	58	101-200	Trimorphic	X	X	X	
	ML	60	201-500	Trimorphic	X			
	ML	61	1000-10000	Trimorphic	X	X	X	X
Nhecolândia								
	MM	29	501-1000	Dimorphic	X			
	MM	33	201-500	Trimorphic	X	X	X	
	MM	57	51-100	Trimorphic	X	X	X	
Leque Taquari								
	LS	4	1_25	Monomorphic	X		X	X
	LS	5	51-100	Monomorphic	X		X	X
	LS	9	1_25	Dimorphic	X		X	
	LS	26	51-100	Trimorphic	X	X	X	X
	LS	27	51-100	Trimorphic	X	X	X	X
Paraguai								
	HL	64	1000-10000	Trimorphic	X	X		X
	HL	65	1000-10000	Trimorphic	X	X		
	HL	66	1000-10000	Trimorphic	X	X		
	HL	67	1000-10000	Trimorphic	X	X		X
Rio Taquari								
	HL	72	1000-10000	Trimorphic	X			X
Cuiabá								
	HL	73	1000-10000	Trimorphic	X	X		
8	**4**	**34**			**34**	**27**	**24**	**16**

Table S2. The 73 sampled populations of *Eichhornia azurea* in four classes of flood height-duration in sub-regions of the Pantanal wetlands, Brazil, and their morph structures (mono = monomorphic, di = dimorphic, tri = trimorphic), size classes, numbers of sampled inflorescences (*n*), style morph frequencies, rarest morphs (≤ 15%) and proportional sampling efforts. *P* values generated via *G*-test with Bonferroni correction are used to determine the isoplethy.

Flood class	Sub-region	Population				Style morph			Rare style morph	Effort (%)	*P*	Isoplethy
		#	Structure	Size	*n*	Long	Mid	Short				
Low-Short												
	Nabileque	1	mono	01-25	2	-	-	1.00		0.08	-	no
	Nabileque	2	mono	01-25	1	-	-	1.00		0.04	-	no
	Aquidauana	3	mono	01-25	1	1.00	-	-		0.04	-	no
	Leque Taquari	4	mono	01-25	19	-	1.00	-		0.76	-	no
	Leque Taquari	5	mono	51-100	34	-	1.00	-		0.34	-	no
	Nabileque	6	mono	01-25	2	-	-	1.00		0.08	-	no
	Nabileque	7	mono	26-50	36	-	1.00	-		0.72	-	no
	Nabileque	8	di	101-200	135	0.53	-	0.47		0.68	-	no
	Aquidauana	9	di	201-500	17	0.35	-	0.65		0.03	-	no
	Nhecolândia	10	di	26-50	35	0.03	-	0.97	L	0.70	-	no
	Leque Taquari	11	di	01_25	2	0.50	-	0.50		0.08	-	no
	Nabileque	12	tri	01-25	19	0.11	0.32	0.58	L	0.76	**0.031**	no
	Nabileque	13	tri	051-100	62	0.08	0.23	0.69	L	0.62	**0.000**	no
	Nabileque	14	tri	101-200	103	0.55	0.14	0.31	M	0.52	**0.000**	no
	Nabileque	15	tri	101-200	82	0.30	0.41	0.28		0.41	0.295	yes
	Nabileque	16	tri	201-500	248	0.22	0.38	0.40		0.50	**0.001**	no
	Nabileque	17	tri	201-500	233	0.09	0.29	0.61	L	0.47	**0.000**	no
	Nabileque	18	tri	201-500	250	0.27	0.22	0.51		0.50	**0.000**	no
	Nabileque	19	tri	201-500	295	0.55	0.08	0.37	M	0.59	**0.000**	no
	Nabileque	20	tri	501-1000	367	0.40	0.31	0.29		0.37	**0.031**	no
	Nabileque	21	tri	51-100	63	0.59	0.29	0.13	S	0.63	**0.000**	no
	Aquidauana	22	tri	101-200	108	0.45	0.16	0.39	M*	0.54	**0.000**	no
	Aquidauana	23	tri	101-200	133	0.32	0.27	0.41		0.67	0.158	yes
	Aquidauana	24	tri	201-500	140	0.12	0.18	0.70	L	0.28	**0.000**	no
	Aquidauana	25	tri	201-500	125	0.22	0.38	0.39		0.25	**0.027**	no
	Leque Taquari	26	tri	051-100	62	0.56	0.13	0.31	M	0.62	**0.000**	no
	Leque Taquari	27	tri	051-100	11	0.55	0.09	0.36		0.11	0.135	yes
Medium-Medium												
	Nhecolândia	28	di	101-200	10	-	0.70	0.30		0.05	-	no
	Nhecolândia	29	di	501-1000	50	0.50	-	0.50		0.05	-	no
	Nhecolândia	30	tri	26-50	27	0.52	0.15	0.33	M	0.54	0.053	yes
	Nhecolândia	31	tri	101-200	37	0.35	0.27	0.38		0.19	0.730	yes
	Nhecolândia	32	tri	101-200	77	0.30	0.32	0.38		0.39	0.697	yes
	Nhecolândia	33	tri	201-500	286	0.34	0.44	0.22		0.57	**0.000**	no
	Nhecolândia	34	tri	201-500	129	0.35	0.27	0.38		0.26	0.289	yes
	Nhecolândia	35	tri	201-500	133	0.29	0.35	0.37		0.27	0.475	yes
	Nhecolândia	36	tri	501-1000	274	0.40	0.29	0.31		0.27	0.076	yes
	Nhecolândia	37	tri	>1000	387	0.37	0.23	0.40		0.39	**0.000**	no
	Nhecolândia	38	tri	>1000	648	0.37	0.28	0.35		0.65	**0.006**	no
	Nhecolândia	39	tri	>1000	1000	0.37	0.26	0.38		1.00	**0.000**	no
	Nhecolândia	40	tri	>1000	280	0.36	0.29	0.35		0.28	0.268	yes
	Nhecolândia	41	tri	>1000	22	0.18	0.45	0.36		0.02	0.253	yes
	Nhecolândia	42	tri	51-100	49	0.43	0.20	0.37		0.49	0.120	yes
	Nhecolândia	43	tri	51-100	64	0.48	0.34	0.17		0.64	**0.007**	no
Medium-Long												
	Miranda	44	mono	01-25	1	-	-	1.00		0.04	-	no
	Miranda	45	di	26-50	41	0.49	-	0.51		0.82	-	no

Aquidauana	46	tri	51-100	55	0.18	0.13	0.69	M	0.55	**0.000**	no
Aquidauana	47	tri	51-100	62	0.58	0.26	0.16		0.62	**0.000**	no
Aquidauana	48	tri	51-100	58	0.26	0.24	0.50		0.58	**0.032**	no
Aquidauana	49	tri	51-100	48	0.50	0.02	0.48	M	0.48	**0.000**	no
Miranda	50	tri	26-50	29	0.34	0.28	0.38		0.58	0.782	yes
Miranda	51	tri	26-50	46	0.22	0.09	0.70	M	0.92	**0.000**	no
Miranda	52	tri	051-100	85	0.19	0.35	0.46		0.85	**0.006**	no
Miranda†	53	tri	101-200	182	0.40	0.25	0.35		0.91	**0.048**	no
Miranda	54	tri	101-200	105	0.43	0.31	0.26		0.53	0.094	yes
Miranda	55	tri	101-200	63	0.37	0.21	0.43		0.32	0.071	yes
Miranda	56	tri	101-200	248	0.55	0.28	0.17		1.24	**0.000**	no
Miranda	57	tri	101-200	167	0.60	0.18	0.22		0.84	**0.000**	no
Miranda	58	tri	101-200	124	0.44	0.41	0.15	S*	0.62	**0.000**	no
Miranda	59	tri	201-500	343	0.45	0.27	0.29		0.69	**0.000**	no
Miranda†	60	tri	201-500	427	0.48	0.29	0.24		0.85	**0.000**	no
Miranda	61	tri	>1000	792	0.29	0.32	0.39		0.79	**0.001**	no
High-Long											
Paraguai††	62	di	>1000	155	0.18	0.82	-		0.16	-	no
Paraguai††	63	tri	>1000	145	0.46	0.34	0.20		0.15	**0.001**	no
Paraguai	64	tri	>1000	66	0.79	0.12	0.09	M	0.07	**0.000**	no
Paraguai	65	tri	>1000	18	0.72	0.22	0.06		0.02	**0.001**	no
Paraguai	66	tri	>1000	163	0.37	0.31	0.33		0.16	0.618	yes
Paraguai	67	tri	>1000	50	0.54	0.20	0.26		0.05	**0.009**	no
Paraguai	68	tri	>1000	102	0.81	0.17	0.02		0.10	**0.000**	no
Paraguai	69	tri	>1000	28	0.14	0.61	0.25		0.03	**0.008**	no
Paraguai	70	tri	>1000	79	0.13	0.75	0.13	S,L	0.08	**0.000**	no
Paraguai	71	tri	>1000	20	0.50	0.15	0.35	M	0.02	0.135	yes
Rio Taquari	72	tri	>1000	189	0.50	0.12	0.39	M	0.19	**0.000**	no
Cuiabá	73	tri	>1000	59	0.44	0.34	0.22		0.06	0.109	yes

* Marginally close to 15%.

† Data from: Bueno, PAA. 2003. Relação de características morfológicas e implicações evolutivas em *Eichhornia azurea*, no Pantanal sulmatogrossense. *Dissertação de Mestrado*, Programa de Pós-Graduação em Ecologia e Conservação, Universidade Federal de Mato Grosso do Sul.

†† Data from: Baleeiro, P. 2006. Frequência de morfos heterostílicos em *Eichhornia azurea* no Sistema de Baías Caiçara, Cáceres-MT, Brasil. *Monografia de Graduação em Ciências Biológicas*, Universidade do Estado de Mato Grosso, UNEMAT, Brasil

Table S3. Perianth measurements of *Eichhornia azurea* flowers among style morphs and flood regimes. The acronyms correspond to: SD = standard deviation, CV = coefficient of variation, Min. = minimum, Max. = maximum, *n* = number of individuals, Pop (*n*) = number of sampled populations. LS = Low-Short, MM = Medium-Medium, ML = Medium-Long, HL = High-Long.

Perianth	Style morph	Flood class	Mean	SD	SE	CV	Min.	Max.	*n*	Pop (*n*)
Flower length	L	LS	46.9	4.6	0.5	0.097	33.0	56.0	79	14
	M		46.4	5.6	0.6	0.121	29.4	56.4	91	
	S		47.7	4.1	0.4	0.086	35.8	55.6	88	
	L	MM	42.4	7.1	1.4	0.167	27.0	54.0	25	3
	M		42.7	4.1	0.8	0.095	34.6	51.0	25	
	S		44.1	4.8	0.9	0.108	36.1	53.3	28	
	L	ML	37.6	5.9	0.5	0.157	13.8	49.3	158	9
	M		36.4	5.6	0.5	0.154	21.3	46.3	113	
	S		38.4	5.4	0.5	0.141	19.5	51.5	118	
	L	HL	48.6	2.5	0.5	0.052	44.3	55.5	22	5
	M		47.1	2.6	0.8	0.056	43.0	52.1	12	
	S		49.8	3.5	0.8	0.070	40.6	56.5	19	
	L	**Total**	**41.4**	**7.1**	**0.4**	**0.172**	**13.8**	**56.0**	**284**	**31**
	M		**40.6**	**7.1**	**0.5**	**0.175**	**21.3**	**56.4**	**241**	
	S		**42.9**	**6.6**	**0.4**	**0.155**	**19.5**	**56.5**	**253**	
Petal width	L	LS	36.7	4.2	0.5	0.114	21.8	45.0	79	14
	M		37.2	7.3	0.8	0.196	3.0	53.5	91	
	S		37.6	4.9	0.5	0.130	25.2	49.2	88	
	L	MM	33.9	7.6	1.5	0.223	21.0	45.9	25	3
	M		31.4	6.6	1.3	0.211	23.4	45.5	25	
	S		33.3	6.3	1.2	0.189	21.0	47.1	28	
	L	ML	27.6	5.3	0.4	0.193	5.1	41.1	158	9
	M		27.4	5.9	0.6	0.217	0.3	39.2	113	
	S		28.6	5.2	0.5	0.181	14.0	47.5	118	
	L	HL	38.8	4.4	0.9	0.113	31.1	48.1	22	5
	M		35.4	3.2	0.9	0.090	31.0	41.7	12	
	S		39.3	5.1	1.2	0.129	31.4	50.9	19	
	L	**Total**	**31.5**	**6.9**	**0.4**	**0.220**	**5.1**	**48.1**	**284**	**31**
	M		**31.1**	**7.7**	**0.5**	**0.247**	**0.3**	**53.5**	**241**	
	S		**32.8**	**6.8**	**0.4**	**0.208**	**14.0**	**50.9**	**253**	
Base of corolla width	L	LS	3.4	0.5	0.1	0.161	1.8	4.4	79	14
	M		3.3	0.5	0.0	0.141	2.2	4.4	91	
	S		3.3	0.5	0.1	0.147	2.2	4.3	88	
	L	MM	2.9	0.3	0.1	0.112	2.5	3.5	25	3
	M		3.0	0.5	0.1	0.167	1.6	3.8	25	
	S		3.0	0.4	0.1	0.141	2.1	3.7	28	
	L	ML	2.9	0.5	0.0	0.184	1.6	4.4	158	9
	M		2.8	0.5	0.0	0.174	1.2	4.7	113	
	S		2.9	0.5	0.0	0.176	1.5	4.0	118	
	L	HL	3.5	0.4	0.1	0.111	2.7	4.0	22	5
	M		3.7	0.4	0.1	0.118	3.0	4.8	12	
	S		3.7	0.5	0.1	0.131	3.0	4.8	19	
	L	**Total**	**3.1**	**0.6**	**0.0**	**0.185**	**1.6**	**4.4**	**284**	**31**
	M		**3.0**	**0.5**	**0.0**	**0.178**	**1.2**	**4.8**	**241**	
	S		**3.1**	**0.6**	**0.0**	**0.179**	**1.5**	**4.8**	**253**	

	L		10.2	1.6	0.2	0.154	4.5	13.5	79	
	M	LS	10.4	1.6	0.2	0.154	4.4	14.6	91	14
	S		10.3	1.5	0.2	0.148	5.2	14.3	88	
	L		9.3	1.8	0.4	0.193	6.6	13.6	25	
	M	MM	8.5	1.6	0.3	0.190	5.1	11.8	25	3
Corolla aperture	S		9.5	1.4	0.3	0.146	6.9	11.6	28	
	L		7.5	2.2	0.2	0.289	2.2	13.2	158	
	M	ML	7.9	2.1	0.2	0.266	2.8	13.5	113	9
	S		7.8	2.0	0.2	0.250	3.4	14.4	118	
	L		8.6	1.3	0.3	0.150	7.1	12.0	22	
	M	HL	8.2	1.1	0.3	0.133	7.0	10.4	12	5
	S		9.1	1.3	0.3	0.145	7.1	11.6	19	
	L		**8.5**	**2.3**	**0.1**	**0.268**	**2.2**	**13.6**	**284**	
	M	**Total**	**8.7**	**2.2**	**0.1**	**0.248**	**2.8**	**14.6**	**241**	**31**
	S		**8.9**	**2.1**	**0.1**	**0.231**	**3.4**	**14.4**	**253**	

Table S4. Results of two analyses of multiple contrasts: (1) comparing flower size of *Eichhornia azurea*, represented by the Principal Component 1 (70% of variance explained) of four flower measurements (see Figure S1), and flood regime, and (2) comparing sex-organ length of *E. azurea* among different flood regimes in the Pantanal wetlands, Brazil. LS = Low-Short, MM = Medium-Medium, ML = Medium-Long, HL = High-Long.

Analysis	**Flood classes**	**Estimate**	**SE**	**z-value**	***P* r(>|z|)**
Flower size	**MM-LS**	1.17073	0.40596	2.884	**0.020**
	ML-LS	2.22747	0.32192	6.919	**<0.001**
	HL-LS	-0.00494	0.3832	-0.013	1.000
	ML-MM	1.05673	0.42232	2.502	**0.058**
	HL-MM	-1.17567	0.47071	-2.498	**0.059**
	HL-ML	-2.2324	0.40049	-5.574	**<0.001**
Sex organ length	**MM-LS**	0.05006	0.3177	0.158	0.999
	ML-LS	-4.32251	0.1898	-22.774	**<0.001**
	HL-LS	0.12583	0.25267	0.498	0.958
	ML-MM	-4.37256	0.31162	-14.032	**<0.001**
	HL-MM	0.07578	0.35344	0.214	0.996
	HL-ML	4.44834	0.24498	18.158	**<0.001**

Table S5. Length measurements of sex organs associated with tristyly in flowers of *Eichhornia azurea* sampled among distinct flood regimes in the Pantanal wetlands, Brazil. The acronyms correspond to: SD = standard deviation, CV = coefficient of variation, Min. = minimum, Max. = maximum, *n* = number of individuals, Pop (*n*) = number of sampled populations. LS = Low-Short, MM = Medium-Medium, ML = Medium-Long, HL = High-Long.

Flood class	**Style morph**	**Sex organ**	**Length (mm)**							**Pop (*n*)**
			Mean	**SD**	**SE**	**CV**	**Min.**	**Max.**	***n***	
LS	L	Style	33.09	3.22	0.33	0.10	23.26	40.36	95	15
	M	*l*-anther	30.97	3.24	0.31	0.10	18.70	40.34	111	
	S	*l*-anther	31.14	3.08	0.30	0.10	23.55	41.90	107	
	M	Style	22.31	1.59	0.15	0.07	16.44	25.72	111	
	L	*m*-anther	22.28	2.54	0.26	0.11	16.12	34.67	95	
	S	*m*-anther	21.86	2.24	0.22	0.10	14.23	28.21	107	
	S	Style	13.48	1.21	0.11	0.09	10.69	16.50	111	
	L	*s*-anther	12.72	1.82	0.19	0.14	7.89	18.12	95	
	M	*s*-anther	12.74	1.78	0.17	0.14	8.27	21.98	107	
MM	L	Style	32.95	2.73	0.55	0.08	25.17	38.84	25	3
	M	*l*-anther	30.66	3.07	0.61	0.10	23.40	37.00	25	
	S	*l*-anther	30.03	3.12	0.59	0.10	20.39	37.50	28	
	M	Style	21.19	1.59	0.32	0.07	17.60	23.80	25	
	L	*m*-anther	21.81	2.78	0.56	0.13	12.98	27.13	25	
	S	*m*-anther	20.30	3.03	0.57	0.15	11.51	28.26	28	
	S	Style	12.95	1.13	0.21	0.09	9.88	16.41	28	
	L	*s*-anther	12.40	2.19	0.44	0.18	6.27	18.88	25	
	M	*s*-anther	11.99	1.92	0.38	0.16	8.00	15.86	25	
ML	L	Style	28.19	4.84	0.37	0.17	10.45	37.67	169	9
	M	*l*-anther	26.09	4.92	0.44	0.19	11.50	36.33	124	
	S	*l*-anther	27.14	4.17	0.37	0.15	12.00	36.00	128	
	M	Style	20.50	2.64	0.24	0.13	10.06	24.67	124	
	L	*m*-anther	19.79	2.95	0.23	0.15	10.11	29.50	169	
	S	*m*-anther	19.12	3.17	0.28	0.17	8.61	29.60	128	
	S	Style	12.11	1.45	0.13	0.12	8.50	15.67	128	
	L	*s*-anther	11.12	2.34	0.18	0.21	2.50	21.15	169	
	M	*s*-anther	11.26	2.26	0.20	0.20	4.62	21.86	124	
HL	L	Style	34.05	1.50	0.20	0.04	31.17	37.46	54	6
	M	*l*-anther	30.91	2.11	0.34	0.07	26.35	35.98	38	
	S	*l*-anther	31.27	2.09	0.28	0.07	26.88	36.21	57	
	M	Style	23.20	1.18	0.19	0.05	20.21	25.44	38	
	L	*m*-anther	22.40	1.83	0.24	0.08	17.81	27.60	57	
	S	*m*-anther	21.66	2.02	0.27	0.09	16.06	27.44	57	
	S	Style	13.88	1.20	0.16	0.09	10.34	15.90	57	
	L	*s*-anther	13.01	1.60	0.22	0.12	9.28	17.00	54	
	M	*s*-anther	13.11	1.64	0.27	0.13	9.58	17.72	38	
Total	L	Style	30.95	4.64	0.25	0.15	10.45	40.36	343	34
	M	*l*-anther	28.98	4.55	0.26	0.16	11.50	40.34	298	
	S	*l*-anther	29.55	3.88	0.22	0.13	12.00	41.90	320	
	M	Style	21.59	2.26	0.13	0.10	10.06	25.72	298	
	L	*m*-anther	21.10	2.94	0.16	0.14	10.11	34.67	343	
	S	*m*-anther	20.65	2.95	0.17	0.14	8.61	29.60	298	
	S	Style	12.99	1.46	0.08	0.11	8.50	16.50	320	
	L	s-anther	11.99	2.24	0.12	0.19	2.50	21.15	343	
	M	s-anther	12.12	2.11	0.12	0.17	4.62	21.98	320	

Table S6. Mean pollen size and pollen number per anther level among the three anther levels and style morphs of *Eichhornia azurea* and flood regimes in the Pantanal wetlands, Brazil. The acronyms correspond to: SD = standard deviation, SE = standard error, CV = coefficient of variation, Pop (n) = number of sampled populations. LS = Low-Short, MM = Medium-Medium, ML = Medium-Long.

Flood class	**Style morph**	**Anther height**	**Mean pollen size (µm)**					**Mean pollen number per anther (*n*)**					***n* of anthers**	**Pop (*n*)**
			Mean	**Median**	**SD**	**SE**	**CV**	**Mean**	**Median**	**SD**	**SE**	**CV**		
LS	**L-morph**	***m***	50.8	50.0	4.79	0.52	0.09	12705.9	12000.0	5595.1	606.9	0.44	85	13
		s	38.7	39.2	2.98	0.32	0.08	19905.9	20000.0	7276.2	789.2	0.37	85	
	M-morph	***l***	64.1	64.0	5.98	0.63	0.09	12711.1	10000.0	7376.3	777.5	0.58	90	
		s	39.7	40.0	4.10	0.43	0.10	19912.1	20000.0	7893.2	827.4	0.40	91	
	S-morph	***l***	63.9	63.9	6.50	0.68	0.10	11282.6	10000.0	5874.7	612.5	0.52	92	
		m	51.3	50.9	3.70	0.39	0.07	16488.9	16000.0	6988.3	736.6	0.42	90	
MM	**L-morph**	***m***	50.7	49.8	3.55	0.82	0.07	11737.5	8100.0	8772.0	2012.4	0.75	19	2
		s	39.2	39.0	3.26	0.75	0.08	21634.2	16200.0	12174.9	2793.1	0.56	19	
	M-morph	***l***	60.6	62.2	6.42	1.34	0.11	13049.8	9537.5	10499.7	2189.3	0.80	23	
		s	38.2	38.4	2.26	0.47	0.06	17384.4	13500.0	11538.7	2406.0	0.66	23	
	S-morph	***l***	61.1	60.9	4.65	1.07	0.08	11214.0	10500.0	5721.7	1312.6	0.51	19	
		m	51.2	51.2	5.23	1.20	0.10	16327.4	9041.7	14690.8	3370.3	0.90	19	
ML	**L-morph**	***m***	49.0	49.2	5.34	0.50	0.11	13770.4	12000.0	8290.3	773.1	0.60	115	9
		s	39.0	39.0	3.72	0.35	0.10	17580.3	16000.0	10322.1	962.5	0.59	115	
	M-morph	***l***	56.4	58.0	9.00	0.99	0.16	9584.6	8000.0	5787.1	635.2	0.60	83	
		s	39.5	39.2	5.04	0.55	0.13	15784.1	14000.0	9902.6	1074.1	0.63	85	
	S-morph	***l***	59.0	58.9	6.49	0.72	0.11	13009.7	11250.0	9199.1	1015.9	0.71	82	
		m	49.1	50.0	4.45	0.50	0.09	18549.2	17750.0	11163.7	1248.1	0.60	80	
Total	**L-morph**	***m***	49.8	49.8	5.06	0.34	0.10	13180.9	12000.0	7403.4	500.3	0.56	219	24
		s	38.9	39.0	3.40	0.23	0.09	18834.6	18000.0	9503.5	642.2	0.50	219	
	M-morph	***l***	60.5	61.7	8.25	0.59	0.14	11426.9	10000.0	7339.7	524.3	0.64	196	
		s	39.4	39.4	4.38	0.31	0.11	17856.7	16000.0	9408.9	667.0	0.53	199	
	S-morph	***l***	61.5	61.0	6.73	0.48	0.11	12009.7	10000.0	7474.6	538.0	0.62	193	
		m	50.3	50.0	4.31	0.31	0.09	17344.8	15750.0	9860.3	717.2	0.57	189	

Table S7. Insect visitors (species/morpho-species) visiting flowers of *Eichhornia azurea* among16 populations from three flood regimes in the Pantanal wetlands, Brazil, and their respective mean values for proboscides length, thorax width and body length. The acronyms SE, SD, Max., Min and *n* correspond, respectively, to: standard error, standard deviation, maximum, minimum and number of measured individuals. LS = Low-Short, ML = Medium-Long, HL = High-Long.

Floral visitor	**Flood class**			**Proboscides length**					**Thorax width**					**Body length**					**n**
	LS	**ML**	**HL**	**Mean (µm)**	**SD**	**SE**	**Max.**	**Min.**	**Mean (µm)**	**SD**	**SE**	**Max.**	**Min.**	**Mean (µm)**	**SD**	**SE**	**Max.**	**Min.**	
Pollen wasp sp. 01	X			22.50	9.19	3.75	23	0	3.25	0.2	0.09	4	3	15.12	1.333	0.544	17	13	6
Pollen wasp sp. 02	X			14.00	3.00	1.73	17	11	2.50	0.1	0.06	3	2	14.43	2.294	1.325	16	12	3
Ancyloscelis sp. 01	X			9.81	2.92	1.10	14	7	2.83	0.2	0.08	3	3	9.83	0.645	0.244	11	9	7
Ancyloscelis gigas	X			9.17	2.57	1.48	12	7	3.90	0.5	0.26	4	3	11.50	0.081	0.047	12	11	3
Melitoma sp.		X		7.00	-	-	7	7	3.50	-	-	4	4	11.50	-	-	12	12	1
Ancyloscelis bonariensis	X			6.75	1.04	0.52	8	6	3.35	0.5	0.26	4	3	9.15	0.742	0.371	10	8	4
Ancyloscelis sp. 02	X			6.40	0.57	0.40	7	6	2.45	0.1	0.05	3	2	9.90	0.424	0.3	10	10	2
Lycastrirhyncha sp. 01	X	X	X	6.31	1.61	0.35	10	4	2.81	0.4	0.09	4	2	8.40	1.048	0.229	11	7	21
Florilegus sp.	X	X		6.00	1.08	0.54	8	5	4.13	0.2	0.08	4	4	11.75	0.866	0.433	13	11	4
Ancyloscelis sp. 03	X			5.50	0.71	0.50	6	5	3.75	0.4	0.25	4	4	10.10	0.141	0.1	10	10	2
Thygater sp. 01	X			5.50	-	-	6	6	5.00	-	-	5	5	11.80	-	-	12	12	1
Ancyloscelis ursinus	X			5.40	1.68	0.97	7	4	3.30	0.3	0.15	4	3	8.87	1.026	0.593	10	8	3
Thygater sp. 02	X			4.55	1.20	0.85	5	4	4.65	0.2	0.15	5	5	12.00	0	0	12	12	2
Apis mellifera		X	X	3.69	0.38	0.14	5	3	3.65	0.2	0.09	4	3	11.25	0.655	0.231	12	10	8
Trigona sp. 02			X	2.00	0.87	0.50	3	1	2.23	0.3	0.15	3	2	5.57	0.379	0.219	6	5	3
Trigona sp. 01	X	X	X	1.86	0.37	0.09	3	1	2.63	0.3	0.06	3	2	6.19	0.608	0.143	8	5	18
Diadasina sp. 01.		X		1.50	0.00	0.00	2	2	3.13	0.1	0.07	3	3	6.87	0.231	0.133	7	7	3
Halictidae sp.	X	X		1.25	0.35	0.25	2	1	2.30	0.4	0.3	3	2	7.95	0.071	0.05	8	8	2
Pseudoagapostemon sp.	X	X	X	0.57	0.10	0.03	1	1	2.23	0.1	0.03	3	2	7.30	0.502	0.134	8	6	14
Dialictus sp.		X	X	0.30	0.14	0.05	0	0	1.28	0.1	0.03	1	1	4.58	0.369	0.131	5	4	8
Tetragonisca sp. 01		X		0.00	0.00	0.00	0	0	1.48	0.1	0.04	2	1	4.54	0.598	0.268	5	4	5
Mutilidae sp.		X		0.00	-	-	0	0	2.50	-	-	3	3	8.20	-	-	8	8	1
Augochlorini sp.	X			0.00	0.00	0.00	0	0	1.26	0.1	0.02	1	1	4.28	0.217	0.097	5	4	5
Pseudagochlora sp.	X	X		0.00	0.00	0.00	0	0	2.30	0.5	0.31	3	2	7.23	0.929	0.536	8	6	3
Centris tarsata	X			0.00	-	-	0	0	5.00	-	-	5	5	11.80	-	-	12	12	1
Diadasina sp. 02		X		0.00	-	-	0	0	2.70	-	-	3	3	7.50	-	-	8	8	1
Platygastridae sp.	X			0.00	-	-	0	0	2.10	-	-	2	2	7.50	-	-	8	8	1
Richness	**19**	**13**	**6**																