

Table S1 The sample of *Eichhornia paniculata* individuals used for estimating the efficacy of selection in outcrossing and selfing populations

Code	Country	Province/ Department	Nearest City	Morph structure	Morph ^a
B179	Brazil	Alagoas	Igaci	trimorphic	S
B191	Brazil	Pernambuco	Lajedo	trimorphic	M
B192	Brazil	Pernambuco	Cupira	trimorphic	L
B194	Brazil	Pernambuco	São Caetano	trimorphic	S
B197	Brazil	Pernambuco	Camocim de Sao Felix	trimorphic	S
B199	Brazil	Pernambuco	Caruaru	trimorphic	S
B202	Brazil	Ceará	Quixada	trimorphic	M
B207	Brazil	Ceará	Choro	trimorphic	L
B210	Brazil	Ceará	Canindé	trimorphic	L
B211	Brazil	Ceará	Fortaleza	trimorphic	M
C1	Cuba	Granma	Yara	monomorphic	M'
C3	Cuba	Granma	Cholera	monomorphic	M'
C5	Cuba	Las Tunas/ Camagüey	Camalote	monomorphic	M'
J29	Jamaica	St. Elizabeth	Fullerswood	monomorphic	M'
J30	Jamaica	St. Elizabeth	Cataboo	monomorphic	M'
J31	Jamaica	St. Elizabeth	Slipe	monomorphic	M'
J32	Jamaica	Westmoreland	Little London	monomorphic	M'
J33	Jamaica	Westmoreland	Georges Plain	monomorphic	M'
Mexico	Mexico	San Mateo del Mar, Nr.	Oaxaca	monomorphic	L'

Tehuantepec					
Nicaragua	Nicaragua	Rivas	Rio Las Lajas	monomorphic	L'

^aL=long-styled morph, L'=selfing variant of the L-morph, M=mid-styled morph, M'=selfing variant of the M-morph, S=short-styled morph. Data from Barrett *et al.* (2009) and Ness *et al.* (2010).