Article title: Ecology and evolution of plants under domestication in Neotropics: insights from six decades of research

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Supplementary Material 1. Naïve search and systematic search strategy assembly – inclusion, exclusion and eligibility criteria.

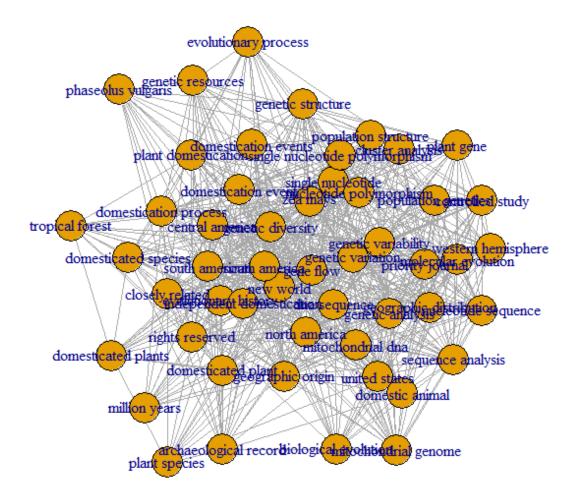


Figure S1. Co-occurrence network of the most relevant terms found in the set of references analyzed (211 papers) with *litsearchr* package. The terms in the center of network are the most relevant, while the terms on the periphery are less relevant in the data set analyzed.

Table S1. Most frequent search terms in the analyzed data set, extracted by the *litsearchr* package, analyzed and selected for the systematic literature search strategy.

Group	Therms	Sensibility Analysis	Decision after analysis
	"domestication"	Yes	Replaced
	"domesticated"	Yes	Replaced
Phenomenon studied	"domestication" Yes Replace "domesticated" Yes Replace "plant domestication" Yes Include "domesticated plants" Yes Include "artificial selection" Yes Include "neotropic" Yes Replace "neotropics" Yes Replace "neotropical" Yes Replace "new world" Yes Include "north america" Yes Exclude "south america" Yes Exclude	Included	
	"domesticated plants"	Yes	Included
	"artificial selection"	Yes	Included
	"neotropic"	Yes	Replaced
	"neotropics"	Yes	Replaced
	"neotropical"	Yes	Replaced
Geographical region	"new world"	Yes	Included
	"north america"	Yes	Excluded
	"south america"	Yes	Excluded
	"south american"	Yes	Excluded

Table S2. Description of the stages of the systematic survey and selection of literature on plant domestication in the Neotropics.

Stage	Description	Excluded	Included
Results	Results obtained from databases Scopus e Web of Science	-	520
Duplicates excluded	Automatic selection of software Rayyan	174	346
Exclusion criteria	Reading of titles, abstracts and keywords To inclusion: domestication, plant domestication, domesticated plants, domesticated, netropics, neotropic, neotropical, starch, phytoliths To exclusion: animals, animal, rodent, dogs, rabbits, canine, rodents, duck, fish, rats, equine, horses, rabbit, beetle, rat	189	157
Eligibility	Reading of titles, abstracts and keywords To inclusion: Works on the domestication of plants in the Neotropics To exclusion: Work on the domestication of animals or other organisms, or other types of studies, or studies with other objectives	44	113
Results		407	113