

SUPPLEMENTARY FILES

Article title: Flora Introduced and Naturalized in Central America

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Appendix S1. List of resources consulted to complement the dataset of alien plant species in Central America with information on taxonomic family, continent of origin, life-form, reason of introduction, and habitats. This list includes peer-reviewed articles, dissertations, books, technical reports, checklists, and databases published in English and Spanish.

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Appendix S2: List of herbariums consulted to compile the dataset of alien plant species in Central America.

- Herbario Nacional, Museo Nacional de Costa Rica (MNCR)
- Herbario Dr. Luis A. Fournier Origgi (USJ)
- Instituto Nacional de Biodiversidad (INB)
- Herbario University of San Carlos of Guatemala (AGUAT, BIGU, USCG)
- Herbario Cyril Hardy Nelson-Sutherland, Universidad de Honduras (TEFH)
- Herbario Universidad de Panama (PMA)
- Herbario Universidad de El Salvador (ITIC)
- Herbario La Laguna, Asociación Jardín Botánico La Laguna (LAGU)
- Herbario Nacional de Nicaragua, Universidad Centroamericana (HNMN)
- Kew Herbarium Catalogue (K)
- Smithsonian Institution, Tropical Research Institute (SCZ, STRI)
- Smithsonian Institution, US National Herbarium (US)
- New York Botanical Garden (NY)
- Field Museum Herbarium (F)
- Missouri Botanical Garden Herbarium (MO)

Table S1. Diversity of vascular plants reported for Central America by country based on herbarium collections and published records and the total cumulative flora estimated for Central America as an ecoregion.

Country	Diversity			
	<i>Total flora</i> ¹	<i>Alien species</i> ⁴	<i>Naturalized aliens</i> ⁴	<i>Casual aliens</i> ⁴
Belize	3,893	226	192	34
Costa Rica	11,729	957	679	278
El Salvador	4,480	553	390	163
Guatemala	8,026	438	338	100
Honduras	7,524 ²	479	358	121
Nicaragua	5,929	502	451	51
Panama	9,665	397	317	80
Central America ³	16,335 ³	1,228	835	393

¹Including natives + aliens. If not indicated otherwise, these numbers were estimated for each country using herbarium records available on [GBIF](#) and [The World Flora Online](#). Records accessed 08/12/2022.

² McCranie, J.R., Castañeda, F.E., Estrada, N., Ferrufino, L., Germer, D., Matamoros, W. and Sagastume-Espinoza, K.O., 2018. Biodiversity in Honduras: The environment, flora, bats, medium and large-sized mammals, birds, freshwater fishes, and the amphibians and reptiles. In *Global biodiversity: Volume 4* (pp. 213-284). Apple Academic Press.

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⁴Current study. Alien species = naturalized + casuals. Definitions for naturalized and casual are included in the Methods section.