

Electronic Supplementary Material

Naturalization and invasion of alien plants in Puerto Rico and the Virgin Islands

Author: Julissa Rojas-Sandoval

E-mail: julirs07@gmail.com

Table S1 Summarized statistics for families, genera, and species included in the alien flora of Puerto Rico and the Virgin Islands. Families are ranked according to the decreasing number of total occurrences in the alien flora of these islands. Casual, naturalized and invasive referred to the invasive status determined previously for each species. Families including at least one invasive species are highlighted in bold.

<i>Families</i>	<i>Number of genera</i>	<i>Number of species</i>	<i>Casual</i>	<i>Naturalized</i>	<i>Invasive</i>
Fabaceae	69	133	35	70	28
Poaceae	52	120	49	36	35
Asteraceae	40	55	22	23	9
Malvaceae	19	39	12	25	2
Lamiaceae	18	29	9	16	4
Acanthaceae	15	27	13	6	8
Euphorbiaceae	13	24	9	13	2
Solanaceae	9	24	10	11	3
Araceae	12	22	12	4	6
Arecaceae	16	22	18	3	1
Rubiaceae	12	21	8	12	1
Asparagaceae	7	20	11	7	2
Bignoniaceae	14	20	14	4	2
Myrtaceae	10	20	8	9	3
Apocynaceae	17	19	9	6	4
Convolvulaceae	9	18	10	7	1
Amaranthaceae	8	16	3	10	3

Cucurbitaceae	9	16	5	8	3
Rutaceae	5	16	6	9	1
Brassicaceae	8	15	9	6	
Cactaceae	9	13	5	8	
Moraceae	5	13	1	10	2
Cyperaceae	5	12	2	4	6
Oleaceae	3	12	7	3	2
Orchidaceae	9	10	4	4	2
Phyllanthaceae	5	10	2	7	1
Plantaginaceae	7	10	5	5	
Amaryllidaceae	7	8	6	2	
Araliaceae	2	8	7		1
Boraginaceae	4	8	1	6	1
Crassulaceae	1	8	5	1	2
Meliaceae	7	8	3	4	1
Rosaceae	5	8	6	1	1
Zingiberaceae	5	8	2		6
Apiaceae	7	7	2	5	
Polygonaceae	4	7	3	4	
Anacardiaceae	4	6		4	2
Begoniaceae	1	6	2	4	
Combretaceae	2	6		5	1
Commelinaceae	4	6		3	3
Cupressaceae	3	6	5	1	
Gesneriaceae	6	6	4	2	
Iridaceae	6	6	2	4	
Lythraceae	5	6	1	3	2
Salicaceae	4	6	2	4	
Sapotaceae	4	6	3	3	

Annonaceae	2	5		5	
Aristolochiaceae	1	5	3	2	
Cleomaceae	5	5		3	2
Heliconiaceae	1	5	2	3	
Pandanaceae	2	5	5		
Passifloraceae	2	5	2	1	2
Sapindaceae	5	5	1	3	1
Araucariaceae	2	4	2	2	
Dioscoreaceae	1	4		2	2
Geraniaceae	1	4	1	3	
Lauraceae	2	4	2	2	
Marantaceae	1	4	1	3	
Melastomataceae	3	4		3	1
Oxalidaceae	2	4	1	3	
Plumbaginaceae	1	4	1	2	1
Pontederiaceae	2	4	1	2	1
Verbenaceae	4	4		4	
Basellaceae	2	3		3	
Casuarinaceae	1	3		2	1
Clusiaceae	1	3	2	1	
Costaceae	2	3	1	2	
Lecythidaceae	3	3	2	1	
Nyctaginaceae	2	3		2	1
Primulaceae	2	3	1	2	
Scrophulariaceae	2	3	1	2	
Urticaceae	3	3		3	
Vitaceae	3	3	2	1	
Aizoaceae	2	2	1	1	
Balsaminaceae	1	2		1	1

Bixaceae	2	2		2	
Cycadaceae	1	2	2		
Hydrocharitaceae	2	2		1	1
Malpighiaceae	2	2		2	
Ochnaceae	1	2	2		
Onagraceae	1	2		2	
Piperaceae	1	2	2		
Portulacaceae	1	2	2		
Proteaceae	2	2		2	
Rhamnaceae	2	2		2	
Tamaricaceae	1	2	2		
Adoxaceae	1	1		1	
Calophyllaceae	1	1		1	
Caprifoliaceae	1	1			1
Caricaceae	1	1			1
Caryophyllaceae	1	1			1
Chrysobalanaceae	1	1	1		
Cyclanthaceae	1	1	1		
Dilleniaceae	1	1	1		
Ebenaceae	1	1		1	
Goodeniaceae	1	1			1
Haemodoraceae	1	1		1	
Hypoxidaceae	1	1	1		
Magnoliaceae	1	1		1	
Molluginaceae	1	1		1	
Moringaceae	1	1		1	
Muntingiaceae	1	1			1
Myristicaceae	1	1	1		
Pedaliaceae	1	1		1	

Phytolaccaceae	1	1		1	
Pinaceae	1	1			1
Podocarpaceae	1	1	1		
Polygalaceae	1	1	1		
Simaroubaceae	1	1	1		
Sphenocleaceae	1	1			1
Staphyleaceae	1	1	1		
Stegnospermataceae	1	1	1		
Strelitziaceae	1	1	1		
Tropaeolaceae	1	1		1	
Violaceae	1	1	1		
Xanthorrhoeaceae	1	1			1
Zygophyllaceae	1	1			1

Table S2 Alien plant species consider invasive in Puerto Rica and the Virgin Islands. Species more abundant in invaded areas on these islands are highlighted in bold. Species are ordered alphabetically by family name. Island occurrence refers to the presence of these species in: PR= species occurring only in Puerto Rico, USVI= species occurring only in the Virgin Islands, PRVI= species occurring in both archipelagos. The category “weeds” refers to species listed as weeds in agriculture, pastures, nurseries, and gardens for these islands. Asterisk * corresponds to species which have been recorded invading mature forests on these island.

<i>Species</i>	<i>Family</i>	<i>Year of introduction</i>	<i>Type of introduction</i>	<i>Weeds</i>	<i>Island occurrence</i>	<i>Life-form</i>	<i>Life-span</i>
<i>Asystasia gangetica</i> (L.) T. Anderson	Acanthaceae	1898	escaped		PRVI	vine	perennial
<i>Barleria cristata</i> L.	Acanthaceae	1900	escaped		PRVI	herb	perennial
<i>Barleria prionitis</i> L.	Acanthaceae	1900	escaped	✓	PR	shrub	perennial
<i>Justicia pectoralis</i> Jacq.	Acanthaceae	1876	escaped		PRVI	herb	perennial
<i>Nelsonia canescens</i> (Lam.) Spreng.	Acanthaceae	1899	intentional		PR	herb	annual
<i>Thunbergia alata</i> Bojer ex Sims	Acanthaceae	1870	escaped		PRVI	vine	perennial
<i>Thunbergia fragrans</i> Roxb.	Acanthaceae	1845	escaped		PRVI	vine	perennial
<i>Thunbergia grandiflora</i> Roxb.	Acanthaceae	1882	escaped		PRVI	vine	perennial
<i>Alternanthera philoxeroides</i> (Mart.) Griseb.	Amaranthaceae	unknown	escaped		PR	herb	perennial
<i>Dysphania ambrosioides</i> (L.) Mosyakin & Clemants	Amaranthaceae	1885	escaped	✓	PRVI	herb	annual
<i>Chenopodium murale</i> L.	Amaranthaceae	1885	escaped		PRVI	herb	annual
<i>Mangifera indica</i> L.*	Anacardiaceae	1800	escaped		PRVI	tree	perennial
<i>Schinus terebinthifolius</i> Raddi*	Anacardiaceae	1924	escaped		PRVI	tree	perennial
<i>Allamanda cathartica</i> L.	Apocynaceae	1885	escaped		PRVI	vine	perennial
<i>Calotropis procera</i> (Aiton) W.T. Aiton	Apocynaceae	1881	escaped		PRVI	shrub	perennial
<i>Catharanthus roseus</i> (L.) G. Don	Apocynaceae	1882	escaped		PRVI	herb	perennial
<i>Cryptostegia madagascariensis</i> Bojer ex Decne.	Apocynaceae	1915	escaped		PRVI	vine	perennial
<i>Alocasia macrorrhizos</i> (L.) G. Don	Araceae	1925	escaped		PR	herb	perennial
<i>Alocasia plumbea</i> Van Houtte	Araceae	1927	escaped		PR	herb	perennial
<i>Colocasia esculenta</i> (L.) Schott	Araceae	1883	escaped		PR	herb	perennial
<i>Epipremnum pinnatum</i> (L.) Engl.	Araceae	1925	escaped		PRVI	vine	perennial
<i>Syngonium podophyllum</i> Schott *	Araceae	1989	escaped		PRVI	vine	perennial

<i>Xanthosoma sagittifolium</i> (L.) Schott	Araceae	1881	escaped		PRVI	herb	perennial
<i>Schefflera actinophylla</i> (Endl.) Harms *	Araliaceae	2000	escaped		PRVI	tree	perennial
<i>Cocos nucifera</i> L.	Arecaceae	1500	escaped		PRVI	tree	perennial
<i>Sansevieria hyacinthoides</i> (L.) Druce	Asparagaceae	1901	escaped		PRVI	succulent	perennial
<i>Sansevieria trifasciata</i> Prain	Asparagaceae	1914	escaped		PRVI	succulent	perennial
<i>Centratherum punctatum</i> Cass.	Asteraceae	1979	escaped	✓	PRVI	herb	perennial
<i>Cirsium mexicanum</i> DC.	Asteraceae	1885	unintentional	✓	PR	herb	annual
<i>Crassocephalum crepidioides</i> (Benth.) S. Moore *	Asteraceae	2000	unintentional	✓	PR	herb	annual
<i>Cyanthillium cinereum</i> (L.) H. Rob.	Asteraceae	1906	escaped	✓	PRVI	herb	annual
<i>Emilia fosbergii</i> Nicolson	Asteraceae	1895	unintentional	✓	PRVI	herb	annual
<i>Emilia sonchifolia</i> (L.) DC.	Asteraceae	1881	unintentional	✓	PRVI	herb	annual
<i>Galinsoga quadriradiata</i> Ruiz & Pav.	Asteraceae	1915	unintentional	✓	PR	herb	annual
<i>Sonchus oleraceus</i> L.	Asteraceae	1885	unintentional	✓	PRVI	herb	annual
<i>Sphagneticola trilobata</i> (L.) Pruski	Asteraceae	1884	unintentional		PRVI	herb	perennial
<i>Impatiens balsamina</i> L.	Balsaminaceae	1899	escaped		PRVI	herb	annual
<i>Spathodea campanulata</i> P. Beauv. *	Bignoniaceae	1914	escaped		PRVI	tree	perennial
<i>Tabebuia rosea</i> (Bertol.) DC.	Bignoniaceae	1950	escaped		PRVI	tree	perennial
<i>Cordia obliqua</i> Willd.	Boraginaceae	1920	escaped		PRVI	tree	perennial
<i>Lonicera japonica</i> Thunb.	Caprifoliaceae	1886	escaped		PRVI	vine	perennial
<i>Drymaria cordata</i> (L.) Willd. ex Roem. Schult.	Caryophyllaceae	1883	unintentional	✓	PRVI	herb	annual
<i>Casuarina equisetifolia</i> L.	Casuarinaceae	1902	intentional		PRVI	tree	perennial
<i>Arivela viscosa</i> (L.) Raf.	Cleomaceae	1882	unintentional	✓	PRVI	herb	annual
<i>Gynandropsis gynandra</i> (L.) Briq.	Cleomaceae	1887	unintentional	✓	PRVI	herb	annual
<i>Terminalia catappa</i> L.	Combretaceae	1881	escaped		PRVI	tree	perennial
<i>Tradescantia pallida</i> (Rose) D.R. Hunt	Commelinaceae	2000	escaped		PRVI	herb	perennial
<i>Tradescantia spathacea</i> Sw.	Commelinaceae	1882	escaped		PRVI	herb	perennial
<i>Tradescantia zebrina</i> Heynh. ex Bosse	Commelinaceae	1903	escaped		PRVI	herb	perennial
<i>Ipomoea ochracea</i> (Lindl.) G. Don	Convolvulaceae	1965	escaped		PRVI	vine	perennial
<i>Kalanchoe daigremontiana</i> Raym.-Hamet & Perrier	Crassulaceae	1960	escaped		PR	succulent	perennial

<i>Kalanchoe pinnata</i> (Lam.) Pers.	Crassulaceae	1884	escaped		PRVI	succulent	perennial
<i>Coccinia grandis</i> (L.) Voigt	Cucurbitaceae	1925	escaped		PRVI	vine	perennial
<i>Momordica charantia</i> L.	Cucurbitaceae	1885	escaped		PRVI	vine	annual
<i>Sechium edule</i> (Jacq.) Sw.	Cucurbitaceae	1881	escaped		PR	vine	annual
<i>Cyperus difformis</i> L.*	Cyperaceae	1965	unintentional		PR	herb	annual
<i>Cyperus esculentus</i> L.	Cyperaceae	1901	escaped	✓	PRVI	herb	perennial
<i>Cyperus imbricatus</i> Retz.	Cyperaceae	1881	escaped	✓	PR	herb	perennial
<i>Cyperus rotundus</i> L.	Cyperaceae	1881	escaped	✓	PRVI	herb	perennial
<i>Fimbristylis littoralis</i> Gaudich.	Cyperaceae	1886	unintentional	✓	PR	herb	annual
<i>Kyllinga nemoralis</i> (J.R. Forst. & G. Forst.) Dandy	Cyperaceae	2000	unintentional	✓	PR	herb	perennial
<i>Dioscorea alata</i> L.	Dioscoreaceae	1883	escaped		PRVI	vine	perennial
<i>Dioscorea bulbifera</i> L.	Dioscoreaceae	1883	escaped		PR	vine	perennial
<i>Codiaeum variegatum</i> (L.) Rumph. ex A. Juss.	Euphorbiaceae	1903	escaped		PRVI	shrub	perennial
<i>Jatropha curcas</i> L.*	Euphorbiaceae	1883	escaped		PRVI	shrub	perennial
<i>Ricinus communis</i> L.*	Euphorbiaceae	1883	escaped		PRVI	herb	perennial
<i>Abrus precatorius</i> L.	Fabaceae	1876	escaped		PRVI	vine	perennial
<i>Adenanthera pavonina</i> L.	Fabaceae	1876	escaped		PRVI	tree	perennial
<i>Albizia lebbek</i> (L.) Benth.	Fabaceae	1876	escaped		PRVI	tree	perennial
<i>Albizia procera</i> (Roxb.) Benth.	Fabaceae	1924	escaped		PRVI	tree	perennial
<i>Alysicarpus vaginalis</i> (L.) DC.	Fabaceae	1876	escaped		PRVI	herb	annual
<i>Caesalpinia decapetala</i> (Roth) Alst.	Fabaceae	1900	escaped		PR	vine	perennial
<i>Caesalpinia pulcherrima</i> (L.) Sw.	Fabaceae	1900	escaped		PRVI	shrub	perennial
<i>Calopogonium caeruleum</i> (Benth.) C. Wright	Fabaceae	1914	escaped	✓	PR	vine	perennial
<i>Calopogonium mucunoides</i> Desv.	Fabaceae	1898	escaped	✓	PR	vine	perennial
<i>Canavalia ensiformis</i> (L.) DC.	Fabaceae	1923	escaped		PRVI	vine	annual
<i>Crotalaria retusa</i> L.	Fabaceae	1876	escaped		PRVI	herb	annual
<i>Crotalaria verrucosa</i> L.	Fabaceae	1876	unintentional	✓	PRVI	herb	annual
<i>Erythrina poeppigiana</i> (Walp.) O.F. Cook	Fabaceae	1881	escaped		PR	tree	perennial
<i>Erythrina variegata</i> L.	Fabaceae	1876	escaped		VI	tree	perennial

<i>Indigofera spicata</i> Forssk.	Fabaceae	1979	escaped	✓	PRVI	herb	annual
<i>Leucaena leucocephala</i> (Lam.) De Wit	Fabaceae	1879	escaped		PRVI	tree	perennial
<i>Mimosa casta</i> L.	Fabaceae	1982	escaped	✓	PR	vine	perennial
<i>Mimosa pigra</i> L.	Fabaceae	1923	escaped	✓	PR	shrub	perennial
<i>Phaseolus lunatus</i> L.	Fabaceae	1876	escaped		PRVI	vine	annual
<i>Pithecellobium dulce</i> (Roxb.) Benth.	Fabaceae	1923	escaped		PRVI	shrub	perennial
<i>Prosopis juliflora</i> (Sw.) DC.	Fabaceae	1923	escaped		PRVI	tree	perennial
<i>Prosopis pallida</i> (Humb & Bonpl ex Willd.) Kunth	Fabaceae	1968	escaped		PRVI	tree	perennial
<i>Pueraria phaseoloides</i> (Roxb.) Benth.	Fabaceae	1940	escaped		PRVI	vine	perennial
<i>Senna siamea</i> (DC.) H.S. Irwin & Barneby	Fabaceae	1923	escaped		PRVI	tree	perennial
<i>Sesbania sericea</i> (Willd.) Link	Fabaceae	1879	escaped		PRVI	shrub	annual
<i>Sesbania sesban</i> (L.) Merr.	Fabaceae	1885	escaped		PRVI	shrub	perennial
<i>Tamarindus indica</i> L.	Fabaceae	1879	escaped		PRVI	tree	perennial
<i>Vachellia nilotica</i> (L.) P.J.H. Hurter & Mabb.	Fabaceae	1923	escaped		PR	tree	perennial
<i>Vachellia farnesiana</i> (L.) Wight & Arn.	Fabaceae	1881	escaped		PRVI	tree	perennial
<i>Scaevola taccada</i> (Gaertn.) Roxb.	Goodeniaceae	1980	escaped		PRVI	shrub	perennial
<i>Egeria densa</i> Planch.	Hydrocharitaceae	1925	escaped		PR	aquatic-herb	perennial
<i>Clerodendrum chinense</i> (Osbeck) Mabb.	Lamiaceae	1901	escaped		PRVI	shrub	perennial
<i>Clerodendrum quadriloculare</i> (Blanco) Merr.	Lamiaceae	2000	escaped		PR	shrub	perennial
<i>Leonotis nepetifolia</i> (L.) R. Br.	Lamiaceae	1876	escaped	✓	PRVI	herb	annual
<i>Leonurus japonicus</i> Houtt.	Lamiaceae	1876	escaped	✓	PRVI	herb	annual
<i>Lagerstroemia indica</i> L.	Lythraceae	1881	escaped		PRVI	shrub	perennial
<i>Lagerstroemia speciosa</i> (L.) Pers.	Lythraceae	1925	escaped		PRVI	tree	perennial
<i>Sida repens</i> Dombey ex Cav.	Malvaceae	1881	unintentional	✓	PRVI	herb	perennial
<i>Sterculia apetala</i> (Jacq.) H. Karst.	Malvaceae	1923	escaped		PR	tree	perennial
<i>Dissotis rotundifolia</i> (Sm.) Triana *	Melastomataceae	1990	escaped		PR	herb	perennial
<i>Melia azedarach</i> L. *	Meliaceae	1876	escaped		PRVI	tree	perennial
<i>Artocarpus altilis</i> (Parkinson) Fosberg	Moraceae	1876	escaped		PRVI	tree	perennial
<i>Castilla elastica</i> Cerv. *	Moraceae	1910	escaped		PRVI	tree	perennial

<i>Muntingia calabura</i> L.	Muntingiaceae	1920	escaped		PR	tree	perennial
<i>Eucalyptus robusta</i> Sm.	Myrtaceae	1915	intentional		PR	tree	perennial
<i>Melaleuca quinquenervia</i> (Cav.) S.T. Blake	Myrtaceae	1950	escaped		PRVI	tree	perennial
<i>Syzygium jambos</i> (L.) Alston *	Myrtaceae	1811	escaped		PRVI	tree	perennial
<i>Mirabilis jalapa</i> L.	Nyctaginaceae	1876	escaped	✓	PRVI	herb	perennial
<i>Jasminum fluminense</i> Vell.*	Oleaceae	1922	escaped		PRVI	vine	perennial
<i>Jasminum multiflorum</i> (Burm. f.) Andrews	Oleaceae	1876	intentional		PRVI	vine	perennial
<i>Oeceoclades maculata</i> (Lindl.) Lindl.*	Orchidaceae	1966	escaped		PRVI	herb	perennial
<i>Spathoglottis plicata</i> Blume	Orchidaceae	1983	escaped		PR	herb	perennial
<i>Passiflora edulis</i> Sims	Passifloraceae	1925	escaped		PRVI	vine	perennial
<i>Turnera ulmifolia</i> L.	Passifloraceae	1881	escaped		PRVI	herb	perennial
<i>Phyllanthus urinaria</i> L.	Phyllanthaceae	1963	unintentional	✓	PR	herb	annual
<i>Pinus caribaea</i> Morelet	Pinaceae	1959	escaped		PR	tree	perennial
<i>Plumbago auriculata</i> Lam.	Plumbaginaceae	1886	escaped		PRVI	shrub	perennial
<i>Arundo donax</i> L.	Poaceae	1883	escaped		PR	grass	perennial
<i>Bambusa vulgaris</i> Schrad. ex H.L. Wendl.	Poaceae	1876	intentional		PR	grass	perennial
<i>Bothriochloa pertusa</i> (L.) A. Camus	Poaceae	1896	escaped	✓	PRVI	grass	perennial
<i>Cenchrus polystachios</i> (L.) Morrone	Poaceae	1947	escaped		PR	grass	perennial
<i>Cenchrus purpureus</i> (Schumach.) Morrone	Poaceae	1923	escaped		PRVI	grass	perennial
<i>Cenchrus setaceus</i> (Forssk.) Morrone	Poaceae	1949	escaped		PRVI	grass	perennial
<i>Cenchrus ciliaris</i> L.	Poaceae	1915	escaped		PRVI	grass	perennial
<i>Coix lacryma-jobi</i> L.	Poaceae	1876	escaped	✓	PRVI	grass	annual
<i>Cynodon dactylon</i> (L.) Pers.	Poaceae	1876	escaped		PRVI	grass	perennial
<i>Cynodon nlemfuensis</i> Vanderhyst	Poaceae	1980	escaped		PR	grass	perennial
<i>Dactyloctenium aegyptium</i> (L.) Willd.	Poaceae	1876	escaped	✓	PRVI	grass	perennial
<i>Dichanthium annulatum</i> (Forssk.) Stapf	Poaceae	1922	escaped		PR	grass	perennial
<i>Digitaria ciliaris</i> (Retz.) Koeler	Poaceae	1885	escaped	✓	PRVI	grass	annual
<i>Digitaria sanguinalis</i> (L.) Scop.	Poaceae	1923	unintentional	✓	PRVI	grass	annual
<i>Echinochloa colona</i> (L.) Link	Poaceae	1876	unintentional	✓	PRVI	grass	annual

<i>Eleusine indica</i> (L.) Gaertn.	Poaceae	1876	escaped	✓	PRVI	grass	annual
<i>Eragrostis ciliaris</i> (L.) R. Br.	Poaceae	1876	escaped	✓	PRVI	grass	annual
<i>Eragrostis pilosa</i> (L.) P. Beauv.	Poaceae	1886	unintentional	✓	PRVI	grass	annual
<i>Eragrostis tenella</i> (L.) P. Beauv ex Roem & Schult	Poaceae	1925	escaped	✓	PRVI	grass	annual
<i>Eragrostis unioides</i> (Retz.) Nees ex Steud.	Poaceae	1913	escaped	✓	PRVI	grass	annual
<i>Eremochloa ophiuroides</i> (Munro) Hack.	Poaceae	1930	escaped		PR	grass	perennial
<i>Hyparrhenia rufa</i> (Nees) Stapf	Poaceae	1923	escaped		PR	grass	perennial
<i>Megathyrsus maximus</i> (Jacq.)	Poaceae	1876	escaped	✓	PR	grass	perennial
<i>Melinis minutiflora</i> P. Beauv.*	Poaceae	1913	escaped		PR	grass	perennial
<i>Melinis repens</i> (Willd.) Zizka	Poaceae	1922	escaped		PRVI	grass	perennial
<i>Panicum repens</i> L.	Poaceae	1950	escaped	✓	PRVI	grass	perennial
<i>Paspalum fasciculatum</i> Willd. ex Flügge	Poaceae	1979	escaped	✓	PR	grass	perennial
<i>Paspalum urvillei</i> Steud.	Poaceae	1945	escaped	✓	PR	grass	perennial
<i>Poa annua</i> L.	Poaceae	1980	escaped	✓	PR	grass	annual
<i>Setaria barbata</i> (Lam.) Kunth	Poaceae	1900	escaped	✓	PR	grass	annual
<i>Sorghum halepense</i> (L.) Pers.	Poaceae	1911	escaped	✓	PRVI	grass	perennial
<i>Tragus berteronianus</i> Schult.	Poaceae	1881	escaped	✓	PRVI	grass	annual
<i>Urochloa arrecta</i> Hack. ex T. Durand & Schinz	Poaceae	1980	escaped		PR	grass	perennial
<i>Urochloa mutica</i> (Forssk.) T.Q. Nguyen *	Poaceae	1883	escaped		PRVI	grass	perennial
<i>Urochloa reptans</i> (L.) Stapf *	Poaceae	1880	escaped	✓	PRVI	grass	annual
<i>Antigonon leptopus</i> Hook. & Arn.	Polygonaceae	1897	escaped		PRVI	vine	perennial
<i>Eichhornia crassipes</i> (Mart.) Solms	Pontederiaceae	1881	escaped		PRVI	aquatic-herb	perennial
<i>Ardisia elliptica</i> Thunb.	Primulaceae	1980	escaped		PR	shrub	perennial
<i>Rubus rosifolius</i> Sm.	Rosaceae	1923	escaped		PR	shrub	perennial
<i>Oldenlandia corymbosa</i> L.	Rubiaceae	1884	unintentional	✓	PRVI	herb	annual
<i>Triphasia trifolia</i> (Burm. f.) P. Wilson *	Rutaceae	1882	escaped		PRVI	shrub	perennial
<i>Melicoccus bijugatus</i> Jacq.	Sapindaceae	1876	escaped		PRVI	tree	perennial
<i>Solanum elaeagnifolium</i> Cav.	Solanaceae	1935	unintentional	✓	PRVI	herb	perennial
<i>Solanum seafortianum</i> Andrews	Solanaceae	1879	escaped		PRVI	vine	perennial

<i>Solanum viarum</i> Dunal	Solanaceae	2006	Intentional	✓	PR	shrub	perennial
<i>Sphenoclea zeylanica</i> Gaertn.	Sphenocleaceae	1884	unintentional	✓	PR	herb	annual
<i>Aloe vera</i> (L.) Burm. f.	Xanthorrhoeaceae	1876	escaped		PRVI	succulent	perennial
<i>Alpinia purpurata</i> (Vieill.) K. Schum.	Zingiberaceae	1980	escaped		PRVI	herb	perennial
<i>Alpinia zerumbet</i> (Pers.) B.L. Burtt & R.M. Sm.	Zingiberaceae	1885	escaped		PRVI	herb	perennial
<i>Etlingera elatior</i> (Jack) R.M. Sm.	Zingiberaceae	2000	escaped		PR	herb	perennial
<i>Hedychium coronarium</i> J. König	Zingiberaceae	1883	escaped		PR	herb	perennial
<i>Zingiber montanum</i> (J. König) Link ex A. Dietr.	Zingiberaceae	1925	intentional		PR	herb	perennial
<i>Zingiber zerumbet</i> (L.) J.E. Sm.	Zingiberaceae	1925	intentional		PR	herb	perennial
<i>Tribulus cistoides</i> L.	Zygophyllaceae	1897	unintentional	✓	PRVI	herb	perennial

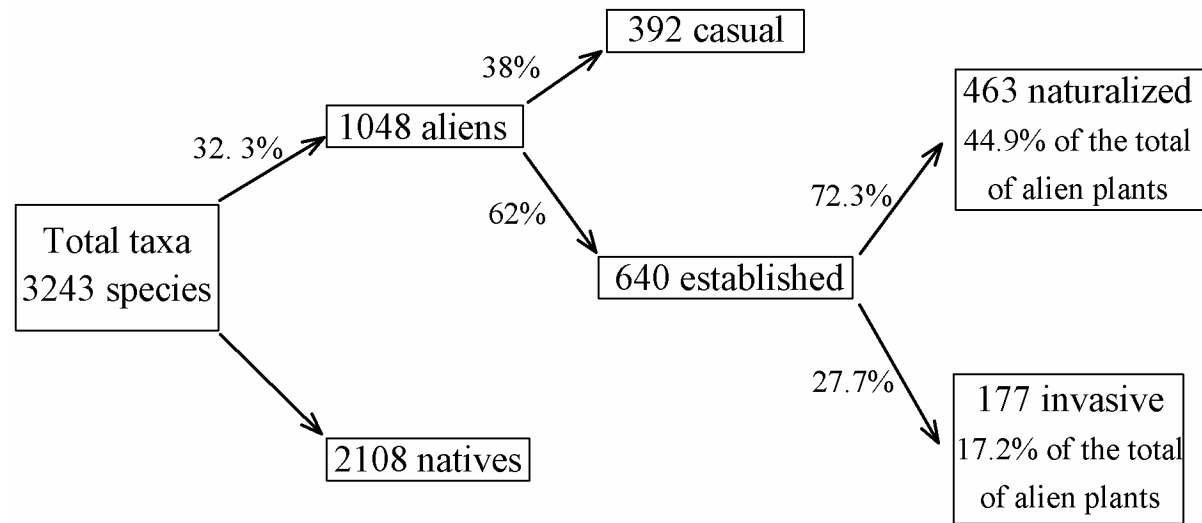


Fig. S1 Transition rates between particular categories of invasive status in the alien flora of Puerto Rico and Virgin Islands

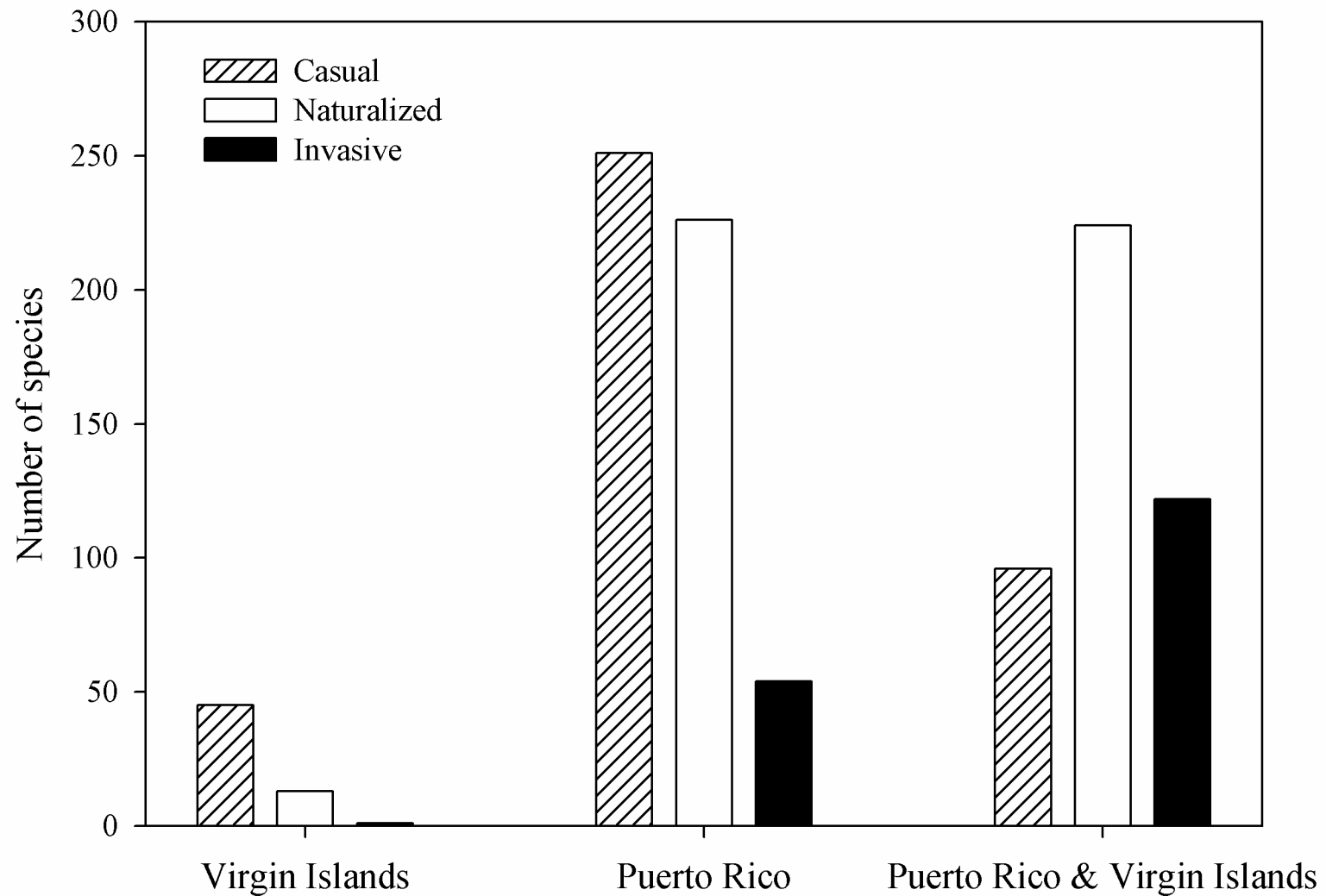


Fig. S2 Geographic distribution of the alien flora of Puerto Rico and the Virgin Islands. Species were sorted out as: species occurring only in the Virgin Islands, species occurring only in Puerto Rico and species occurring in both Puerto Rico and the Virgin Islands. Alien species were classified based on their invasive status as casual, naturalized and invasive (n = 1032 species)