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**PLANTS OF THE JAMAICAN CAYS
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Abstract

This paper records 105 species in 44 families from the reef islands south of Jamaica (4 islands in the Morant Cays, 4 islands on the Pedro Bank, and 7 islands off Port Royal).

Introduction

This listing of the plants of the Jamaican Cays is based primarily on collections made on the Pedro Cays by Fosberg and M.-H Sachet in 1962, by Stoddart and S.M. Head in the same location in 1985, by Stoddart and Head on the Port Royal Cays in the same year, and by Stoddart, Head, and M.J. Hendry on the Morant Cays, also in 1985. It includes previous records, notably by V.J. Chapman on the Morant and Port Royal cays in 1939 (though we have not seen his specimens) and by C. Bernard Lewis through the 1940's, whose material is in the herbarium of The Institute of Jamaica, Kingston, Jamaica. All the material in The Institute of Jamaica, by various collectors (Table 1), is included in this list.

We record here 105 species in 44 families from 15 islands.

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AGAVACEAE

Agave rigida Mill.

Agave sisalana Perr.

Portland Bight Cays—Big Pelican Cay: Adams (1969) (as *Agave sisalana* Perr.).

Dracaena sp.

Pedro Bank—Northeast Cay: Stoddart & Head, sight (pot plant).

AIZOACEAE

Sesuvium portulacastrum (L.) J.

Pedro Bank—Northeast Cay: Fosberg 42789, Stoddart & Head 9090, Zans (1958); Middle Cay: Fosberg 42803, Stoddart & Head 9102, Zans (1958); Southwest Cay: Fosberg 42800, Stoddart & Head 9079b, Zans (1958).

Morant Bank—Northeast Cay: Stoddart & Head 9121, Chapman (1944); Northeast Cay north islet: Stoddart & Head 9136; Middle Cay: Stoddart & Head 9142, Chapman (1944), Asprey and Robbins (1953); Southeast Cay: Stoddart & Head 9153, Chapman (1944); Southeast Cay seaward islet: Stoddart & Head 9147; Southwest Cay: Stoddart & Head 9166.

Port Royal Cays—'Cays off Port Royal', no localities, Fl. Jam. II, p. 166; Southeast Cay: Stoddart & Head 9007, 9011, Asprey and Robbins (1953); Southeast Cay separate rampart island: Chapman (1944); Southeast Cay small islet I: Stoddart & Head, sight; Southeast Cay small islet II: Stoddart & Head, sight; Maiden Cay: Chapman (1944), Asprey and Robbins (1953); Rocky Cay: Stoddart & Head 9029; South Cay: Stoddart & Head 9017, Chapman (1944); South Cay small islet: Stoddart & Head 9024; Lime Cay: Wedderburn 305 (IJ), Stoddart & Head 9052, 9064b, Asprey and Robbins (1953), Bengry (1954), Adams in 1963, Kelly in 1977, Brimacombe and Fairbairn in 1979; Gun Cay:

AMARANTHACEAE

Alternanthera halimifolia (Lam.) Standl.

Alternanthera ficoidea var. *flavogrisea* (Urb.) F. & R.

Port Royal Cays—Lime Cay: Stoddart & Head 9048, Adams in 1963.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

Iresine diffusa H. & B. ex Willd.

Portland Bight Cays—Booby Cay: Proctor 33051 (IJ).

Philoxerus vermicularis (L.) Beauv.

Caraxeron vermicularis (L.) Raf.

Pedro Bank—Southwest Cay: Lewis, s.n., 14 June 1947 (IJ).

Morant Bank—Northeast Cay: Lewis, s.n., 28 June 1947 (IJ), Chapman (1944); Middle Cay: Chapman (1944), Asprey and Robbins (1953); Southeast Cay: Chapman (1944) .

Port Royal Cays—Southeast Cay: Chapman (1944), Asprey and Robbins (1953); South Cay: Chapman (1944); Lime Cay: Adams 12348 (UWI), Asprey and Robbins (1953), Kelly in 1977, Brimacombe and Fairbairn in 1979; Drunkenman's Cay: Von der Porten, s.n., 26 May 1949 (IJ), Palmer, s.n., July 1954 (IJ), Wedderburn 299, 15 March 1968 (IJ), Asprey and Robbins (1953); Drunkenman's Cay small islet: Stoddart & Head 9110.

Portland Bight Cays—Pigeon Cay: Proctor 11486, 29 January 1956 (IJ), Cornman, s.n., 17 December 1966 (IJ); Big Pelican Cay: Adams 12266, 19 February 1963 (UWI), Adams (1969).

ANACARDIACEAE

Metopium brownei (Jacq.) Urb.

Rhus metopium L.

Portland Bight Cays—Pigeon Cay: Maxon & Killip, in Fl. Jam. V, p. 9, Proctor 11485, 29 January 1956 (IJ); Big Pelican Cay: Adams (1969).

APOCYNACEAE

Echites umbellata Jacq.

Port Royal Cays—Lime Cay: Adams in 1963, Brimacombe and Fairbairn in 1979.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

Nerium oleander L.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

Vallesia antillana Woodson

Portland Bight Cays—Big Pelican Cay: Adams (1969).

ARECACEAE

Coccothrinax jamaicensis R. W. Read

Portland Bight Cays—Big Pelican Cay: Adams (1969).

Cocos nucifera L.

Pedro Bank—Northeast Cay: Zans (1958), Stoddart & Head, sight; Middle Cay: Stoddart & Head, sight; Southwest Cay: Zans (1958).

Morant Bank—Northeast Cay: Chapman (1944), Stoddart & Head, sight;
Middle Cay: Stoddart & Head, sight; Southeast Cay: Chapman (1944).

Portland Bight Cays—Big Pelican Cay: Adams (1969).

ASCLEPIADACEAE

Cynanchum sp.

Metastelma sp.

Portland Bight Cays—Pigeon Cay: Proctor 11672, 4 March 1956 (IJ).

ASTERACEAE

Conyza canadensis (L.) Cronquist

Erigeron pusillus Nutt.

Portland Bight Cays—Pigeon Cay: Proctor 11658, 4 March 1956 (IJ).

Melanthera aspera (Jacq.) L. C. Rich ex Spreng.

Portland Bight Cays—Pigeon Cay: Proctor 11502, 29 January 1956 (IJ).

Wedelia trilobata (L.) Hitchc.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

BATIDACEAE

Batis maritima L.

Port Royal Cays—Southeast Cay: Stoddart & Head 9012, Chapman (1944), Asprey and Robbins (1953); Lime Cay: Fl. Jam. III, p. 35 (old specimen, no data, UWI), Wedderburn 302, 15 March 1968 (IJ), Stoddart & Head 9063, Chapman (1944), Asprey and Robbins (1953), Bengry in 1954, Adams in 1963, Kelly in 1977, Brimacombe and Fairbairn in 1979; Gun Cay: Stoddart & Head 9074, Chapman (1944); Drunkenman's Cay: Von der Porten, s.n., 25 May 1949 (IJ).

Portland Bight Cays—Pigeon Cay: Proctor 11517, 29 January 1956 (IJ).

BORAGINACEAE

Cordia sebestena L.

Pedro Bank—Southwest Cay: Lewis, s.n., June 1947 (IJ), Von der Porten, s.n., 21 June 1949 (IJ), Fosberg 42796, Stoddart & Head 9082, 9085, Zans (1958).

Port Royal Cays—Lime Cay: Stoddart & Head 9050, Asprey and Robbins (1953), Bengry in 1954, Adams in 1963, Brimacombe and Fairbairn in 1979.

Portland Bight Cays—Pigeon Cay: Proctor 11501, 29 January 1956 (IJ); Big Pelican Cay: Adams (1969).

Heliotropium curassavicum L.

Pedro Bank—Middle Cay: Stoddart & Head 9097; Southwest Cay: Lewis, s.n., June 1950 (IJ), Lewis, s.n., 20 July 1955 (IJ), Fosberg 42794, 42799, Stoddart & Head 9087.

Morant Bank—Northeast Cay: Lewis, s.n., 28 June 1947 (IJ), Lewis, s.n., 18 June 1948 (IJ), Chapman (1944).

Port Royal Cays—Southeast Cay: Asprey and Robbins (1953); Lime Cay: Chapman (1944), Asprey and Robbins (1953); Drunkenman's Cay: Asprey and Robbins (1953).

Tournefortia gnaphalodes (L.) Kunth

Mallotonia gnaphalodes (L.) Britton

Pedro Bank—Northeast Cay: Lewis, s.n., June 1947 (IJ), Fosberg 42791, Stoddart & Head 9093, Zans (1958); Middle Cay: Lewis, s.n., June 1947 (IJ), Fosberg 42806, Stoddart & Head 9101, Zans (1958); Southwest Cay: Lewis, s.n., June 1947 (IJ), Fosberg 42798, Stoddart & Head 9081, Zans (1958).

Morant Bank—'Morant Cays', without localities, Mendez 9200, April 1961 (UWI); Northeast Cay: Chapman (1944), Stoddart & Head 9129; Middle Cay: Stoddart & Head 9144, Chapman (1944), Asprey and Robbins (1953); Southeast Cay: Stoddart & Head 9157; Southeast Cay seaward islet: Chapman (1944); Southwest Cay: Stoddart & Head 9164.

Port Royal Cays—Drunkenman's Cay: Chapman (1944).

Portland Bight Cays—Pigeon Cay: Proctor 11492, 29 January 1956 (IJ).

BURSERACEAE

Bursera lunanii (Spreng.) Adams & Dandy (ined.)

Bursera simplicifolia DC.

Portland Bight Cays—Pigeon Cay: Proctor 11660, 4 March 1956 (IJ).

Bursera simaruba (L.) Sarg.

Portland Bight Cays—Pigeon Cay: Proctor 11662, 4 March 1956 (IJ), Proctor 11482, 29 January 1956 (IJ); Big Pelican Cay: Adams 12268, 19 February 1963 (UWI), Adams 12360, 22 March 1963 (UWI), Adams 12363, 22 March 1963 (UWI), Adams (1969).

CACTACEAE

Cereus sp. (s.l.)

Port Royal Cays—Lime Cay: Stoddart & Head, sight (photograph), juvenile.

Nopalía sp. (?)

Pedro Bank—Middle Cay: Stoddart & Head, sight (photograph), cultivated.

Opuntia dillenii (Ker-Gawl.) Haw.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

Opuntia tuna (L.) Mill.

Morant Bank—Southeast Cay: Chapman (1944), Stoddart & Head, sight.

Port Royal Cays—Lime Cay: Chapman (1944), Asprey and Robbins (1953), Bengry in 1954.

Stenocereus hystrix (Haw.) Buxb.

Lemaireocereus hystrix (Haw.) Britton & Rose

Port Royal Cays—Lime Cay: Adams (1969) in 1963, Kelly in 1977.

CAPPARIDACEAE

Capparis ferruginea L.

Port Royal Cays—Lime Cay: W. T. March, 1857-1858, in Fl. Jam. III, p. 233, Stoddart & Head 9044, 9060, 9069, Asprey and Robbins (1953), Bengry in 1954, Adams in 1963, Kelly in 1977, Brimacombe and Fairbairn in 1979.

Portland Bight Cays—Pigeon Cay: Proctor 11664, 4 March 1956 (IJ); Big Pelican Cay: Adams (1969).

Capparis cynophallophora L.

Port Royal Cays—Lime Cay: Asprey and Robbins (1953).

Portland Bight Cays—Big Pelican Cay: Adams (1969).

Capparis flexuosa (L.) L.

Port Royal Cays—Lime Cay: Adams in 1963, Kelly in 1977, Brimacombe and Fairbairn in 1979.

Portland Bight Cays—Pigeon Cay: Proctor 11663, 4 March 1956 (IJ) (not seen).

CASUARINACEAE

Casuarina equisetifolia L.

Morant Bank—Northeast Cay: Stoddart & Head 9115; Middle Cay: Stoddart & Head, sight (introduced seedling).

Port Royal Cays—Lime Cay: Stoddart & Head 9066, Kelly in 1977, Brimacombe and Fairbairn in 1979.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

CELASTRACEAE

Crossopetalum rhacoma Crantz

Rhacoma crossopetalum L.

Portland Bight Cays—Pigeon Cay: Proctor 11509, 29 January 1956 (IJ).

CHENOPODIACEAE

Atriplex pentandra (Jacq.) Standl.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

COMBRETACEAE

Conocarpus erecta L.

Pedro Bank—Northeast Cay: Stoddart & Head 9120.

Morant Bank—Northeast Cay: Stoddart & Head 9133; Southeast Cay: Stoddart & Head 9151 (var. *sericeus* Griseb.) (introduced).

Port Royal Cays—Southeast Cay: Asprey and Robbins (1953); Southeast Cay separate rampart island: Chapman (1944); South Cay small islet: Stoddart & Head 9025; Lime Cay: Fl. Jam. V, p. 310 (collection dated 1899, UWI), Stoddart & Head 9034, Chapman (1944), Asprey and Robbins (1953), Bengry in 1954, Adams in 1963, Kelly in 1977, Brimacombe and Fairbairn in 1979; Gun Cay: Stoddart & Head 9070, 9072, Chapman (1944); Drunkenman's Cay: Fl. Jam. V, p. 310 (collection dated 1899, UWI), Chapman (1944), Asprey and Robbins (1953).

Portland Bight Cays—Pigeon Cay: Proctor 11484, 29 January 1956 (IJ); Big Pelican Cay: Adams (1969).

Laguncularia racemosa (L.) Gaertn. f.

Port Royal Cays—Southeast Cay: Asprey and Robbins (1953), Stoddart & Head 9002, 9004, 9008, 9009; Southeast Cay separate rampart island: Chapman (1944); South Cay: Stoddart & Head 9018, 9021, Chapman (1944); Lime Cay: Fl. Jam. V, p. 311 (1899 collection, UWI), Stoddart & Head 9038, 9041, 9059, 9061, Asprey and Robbins (1953), Bengry in 1954, Adams in 1963, Kelly in 1977, Brimacombe and Fairbairn in 1979; Gun Cay: Stoddart & Head 9071, 9073, Chapman (1944); Drunkenman's Cay: Chapman (1944), Asprey and Robbins (1953).

Portland Bight Cays—Pigeon Cay: Proctor 11490, 29 January 1956 (IJ); Big Pelican Cay: Adams (1969).

CONVOLVULACEAE

Ipomoea macrantha Roem. & Schult.

Ipomoea tuba (Schlecht.) G. Don

Calonyction tuba (Schlecht.) G. Don

Morant Bank—'Morant Cays', without locality, Mendes, April 1961 (UWI); Northeast Cay: Lewis, s.n., 19 June 1949 (IJ), Stoddart & Head 9132; Middle Cay: Stoddart & Head 9140; Southeast Cay: Stoddart & Head 9162; Southeast Cay seaward islet: Stoddart & Head 9148; Southwest Cay: Stoddart & Head 9167.

Port Royal Cays—Lime Cay: Loveless, s.n., December 1952 (UWI) Percival, s.n., 28 January 1965 (UWI), Adams 12250, 7 February 1963 (UWI), Asprey and Robbins (1953).

Portland Bight Cays—Pigeon Cay: Proctor 11488, 29 January 1956 (IJ), Cornman 655, 17 December 1966 (IJ); Big Pelican Cay: Adams 12263, 19 February 1963 (UWI), Adams (1969).

Ipomoea pes-caprae (L.) R. Br. ssp. *brasiliensis* (L.) v. Ooststr.

Pedro Bank—Northeast Cay: Stoddart & Head 9088.

Morant Bank—Northeast Cay: Chapman (1944); Middle Cay: Stoddart & Head 9145, Chapman (1944), Asprey and Robbins (1953).

Port Royal Cays—Maiden Cay: Stoddart & Head 9015, Chapman (1944), Asprey and Robbins (1953); Lime Cay: Stoddart & Head 9057, Bengry in 1954, Adams in 1963, Brimacombe and Fairbairn in 1979.

Portland Bight Cays: Pigeon Cay: Proctor 11504, 29 January 1956 (IJ), Proctor 11168, 4 March 1956 (IJ); Big Pelican Cay: Adams (1969).

Jacquemontia havanensis (Jacq.) Urban

Jacquemontia jamaicensis (Jacq.) Hall f.

Portland Bight Cays—Pigeon Cay: Proctor 11512, 29 January 1956 (IJ).

CRUCIFERAE

Cakile lanceolata (Willd.) O. E. Sch.

Pedro Bank—Northeast Cay: Fosberg 42786.

Morant Bank—'Morant Cays', without locality, Mendes, s.n., April 1961 (UWI); Northeast Cay: Lewis, s.n., 18 June 1948 (IJ), Stoddart & Head 9125, Chapman (1944); Middle Cay: Stoddart & Head 9141, Chapman (1944), Asprey and Robbins (1953); Southeast Cay: Stoddart & Head 9156; Southwest Cay: Lewis, s.n., 28 June 1947 (IJ).

Port Royal Cays—'House Key, near Port Royal, Sloane Herb. III, 111' (1687-1689), in Fl. Jam. III, p. 245 (identity of this island not established); Maiden Cay: Chapman (1944); Lime Cay: Wedderburn 307 (IJ), Adams 12254, 7 February 1963 (UWI), Asprey and Robbins (1953).

Portland Bight Cays—Pigeon Cay: Proctor 11656, 4 March 1956 (IJ); Big Pelican Cay: Adams (1969); Booby Cay: Proctor 33059, 3 December 1972 (IJ).

CUCURBITACEAE

Citrullus lanatus var. *cafferorum* (Alefeld) Fosb.

Morant Bank—Northeast Cay: Stoddart & Head 9114 (cultivated).

Port Royal Cays—Lime Cay: Stoddart & Head 9058.

Cucurbita sp.

Morant Bank—Northeast Cay: Stoddart & Head 9113 (sterile) (cultivated).

Doveria emetocathartica Grosourdy

Port Royal Cays—Lime Cay: Adams in 1963 (seedlings).

CYPERACEAE

Cyperus ligularis L.

Mariscus rufus Kunth

Morant Bank—Northeast Cay: Chapman (1944) (probably *Cyperus planifolius* L. C. Rich).

Cyperus planifolius L. C. Rich

Pedro Bank—Northeast Cay: Fosberg 42788 (IJ), Stoddart & Head 9091, Zans (1958); Middle Cay: Fosberg 42802 (IJ), Stoddart & Head 9099, Zans (1958); Southwest Cay: Fosberg 42797 (IJ), Stoddart 9084, Zans (1958).

Morant Bank—'Morant Cay', Lodge, s.n., 25 May 1965 (UWI); Northeast Cay: Stoddart & Head 9127, probably also as *C. ligularis* L. in Chapman (1944).

Portland Bight Cays—Big Pelican Cay: Adams 12272, 12273, 19 February 1963 (UWI), 13043, 13044, 29 October 1967 (UWI), Adams (1969).

EUPHORBIACEAE

Ateramnus lucidus (Sw.) Rothm.

Gymnanthes lucida Sw.

Port Royal Cays—Lime Cay: Adams (1969) (rare).

Bernardia dichotoma (Willd.) Muell. Arg.

Portland Bight Cays—Pigeon Cay: Proctor 11666, 4 March 1956 (IJ).

Euphorbia blodgettii Engelm.ex Hitchc.

Chamaesyce blodgettii (Engelm.ex Hitchc.) Small

Port Royal Cays—Lime Cay: Adams 12750, 28 November 1965 (UWI), Kelly, s.n., January, 1977 (UWI), Stoddart & Head 9053, Asprey and Robbins (1953), Brimacombe and Fairbairn in 1979.

Portland Bight Cays—Pigeon Cay: Proctor 11494, 29 January 1956 (IJ).

Euphorbia mesembrianthemifolia Jacq.

Euphorbia buxifolia Lam.

Chamaesyce buxifolia (Lam.) Small

Morant Bank—Northeast Cay: Stoddart & Head 9128; Southeast Cay: Stoddart & Head 9159.

Port Royal Cays—Maiden Cay: Chapman (1944), Asprey and Robbins (1953); Lime Cay: Barry, s.n., 31 March 1946 (IJ), Palmer, s.n., October 1952 (UWI), Patrick 86, 17 January 1954 (IJ), Wedderburn 298, 15 March 1968 (IJ), Stoddart & Head 9056, Chapman (1944), Asprey and Robbins (1953), Bengry in 1954, Adams in 1963, Kelly in 1977, Brimacombe and Fairbairn in 1979; Gun Cay: Sloane Herb. III, 118, in Fl. Jam. IV, p. 336; Drunkenman's Cay: Chapman (1944).

Portland Bight Cays—Pigeon Cay: Proctor 11514, 29 January 1956 (IJ); Big Pelican Cay: Adams (1969).

Lasiocroton macrophyllus (Sw.) Griseb.

Portland Bight Cays—Pigeon Cay: Proctor 11661, 4 March 1956 (IJ).

FABACEAE

Acacia tortuosa (L.) Willd.

Port Royal Cays—Lime Cay: Palmer, s.n., October 1952 (UWI), Wedderburn 308, 15 March 1968 (IJ), Stoddart & Head 9040, 9045, 9062, Chapman (1944) (as *Acacia* sp.), Asprey and Robbins (1953), Bengry in 1954, Adams in 1963, Kelly in 1977, Brimacombe and Fairbairn in 1979.

Caesalpinia bonduc (L.) Roxb.

Caesalpinia crista L.

Guilandina bonduc L.

Port Royal Cays—Lime Cay: Asprey, s.n., 1951 (UWI), Asprey and Robbins (1953), Bengry in 1954, Adams in 1963, Kelly in 1977.

Portland Bight Cays—Pigeon Cay: Proctor 11671, 4 March 1956 (IJ); Big Pelican Cay: Adams (1969).

Canavalia maritima (Aubl.) Urb.

Canavalia obtusifolia (Lam.) DC.

Canavalia rosea (Sw.) DC.

Pedro Bank—Northeast Cay: Stoddart & Head 9095 (seedling).

Morant Bank—Northeast Cay: Stoddart & Head 9134.

Port Royal Cays—Maiden Cay: Asprey and Robbins (1953) (two plants); Lime Cay: Fl. Jam. IV, p. 60 (collection dated 1899, UWI), Asprey and Robbins (1953), Bengry in 1954, Adams in 1963 (seedling), Kelly in 1977.

Portland Bight Cays—Pigeon Cay: Proctor 11489, 29 January 1956 (IJ); Big Pelican Cay: Adams 1969).

Cassia emarginata L.

Port Royal Cay—Lime Cay: Asprey, s.n., July 1952 (UWI), Wedderburn 309, 15 March 1968 (IJ), Stoddart & Head 9036, Asprey and Robbins (1953), Bengry in 1954, Brimacombe and Fairbairn in 1979.

Crotalaria incana L.

Port Royal Cays—Lime Cay: Adams in 1963 (rare).

Delonix regia (Boj. ex Hook.) Raf.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

Indigofera tinctoria L.

Port Royal Cays—Lime Cay: Asprey and Robbins (1953), Adams in 1963, Kelly in 1977, Brimacombe and Fairbairn in 1979.

Portland Bight Cays—Pigeon Cay: Proctor 11515, 29 January 1956 (IJ)

Piscidia piscipula (L.) Sarg.

Port Royal Cays—Maiden Cay: Fl. Jam. IV, p. 84 (1899 specimen, UWI); Lime Cay: Adams 12249, 7 February 1963 (UWI), Adams (1969), Asprey and Robbins (1953), Bengry in 1954.

Pithecellobium unguis-cati (L.) Benth.

Port Royal Cays—Lime Cay: Stoddart & Head 9046, Asprey and Robbins (1953), Bengry in 1954, Adams in 1963, Adams (1969), Kelly in 1977, Brimacombe and Fairbairn in 1979.

Tephrosia cinerea (L.) Pers.

Port Royal Cays—Lime Cay: Stoddart & Head 9055, Adams in 1963, Brimacombe and Fairbairn in 1979.

Vigna luteola (Jacq.) Benth.

Vigna repens Ktze.

Locality unknown—'Green Island': Fl. Jam. IV, p. 67 (as *Vigna repens* Ktze.).

Leguminosae sp. indet.

Port Royal Cays—Gun Cay: Chapman (1944).

GOODENIACEAE

Scaevola plumieri (L.) Vahl

Port Royal Cay—Lime Cay: Barry, s.n., 31 March 1946 (IJ), Patrick 87, 17 January 1954 (IJ), Adams 12256, 7 February 1963 (UWI), Wedderburn 310, 15 March 1968 (IJ), Stoddart & Head 9051, Asprey and Robbins (1953), Kelly in 1977, Brimacombe and Fairbairn in 1979.

HYDROCHARITACEAE

Halophila decipiens Ostenf.

Port Royal Cays—Southeast Cay: Woodley, s.n., 7 December 1969, depth 30 m (IJ) (det. G. R. Proctor).

Thalassia testudinum König

Morant Bank—Northeast Cay: Stoddart & Head 9118.

Port Royal Cays—Southeast Cay: Stoddart & Head 9005; South Cay: Stoddart & Head 9016; Lime Cay: Von der Porten, s.n., 27 May 1950 (IJ), Stoddart & Head 9031; Drunkenman's Cay: Stoddart & Head 9105.

LAURACEAE

Cassytha filiformis L.

Portland Bight Cays—Pigeon Cay: Proctor 11500, 29 January 1956 (IJ), Rankin (1955).

MALPIGHIACEAE

Stigmaphyllon emarginatum (Cav.) A. Juss.

Port Royal Cays—Lime Cay: Adams in 1963 (rare) (IJ), Adams (1969).

MALVACEAE

Gossypium hirsutum L. var. *marie-galante* (Watt.) J.B. Hutch.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

Thespesia populnea (L.) Sol. ex Correa

Port Royal Cays—Southeast Cay: Stoddart & Head 9010, Asprey and Robbins (1953) (one plant); Rocky Cay: Stoddart & Head 9026; South Cay: Stoddart & Head 9022, Chapman (1944); South Cay small islet: Stoddart & Head 9023; Lime Cay: Stoddart & Head 9033, 9068, Chapman (1944), Asprey and Robbins (1953), Adams in 1963, Adams (1969), Brimacombe and Fairbairn in 1979; Gun Cay: Stoddart & Head 9076, Chapman (1944); Drunkenman's Cay: (Gibbs, Grant, Massop and Thomas, s.n., 1 October 1953 (IJ), Chapman (1944), Asprey and Robbins (1953).

Portland Bight Cays—Pigeon Cay: Proctor 11505, 29 January 1956 (IJ); Big Pelican Cay: Adams 13047, 29 October 1967 (UWI).

NYCTAGINACEAE

Boerhavia coccinea Mill.

Boerhavia hirsuta Willd.

Morant Bank—Northeast Cay: Lewis, s.n., 28 June 1947 (IJ) (det. F. R. Fosberg), Chapman (1944); Middle Cay: Chapman (1944), Asprey and Robbins (1953); Southeast Cay: Stoddart & Head 9152.

Port Royal Cays—Lime Cay: Asprey and Robbins (1953), Adams in 1963, Kelly in 1977, Brimacombe and Fairbairn in 1979.

Portland Bight Cays—Pigeon Cay: Proctor 11483, 29 January 1956 (IJ) (as *Boerhavia hirsuta* Willd.); Big Pelican Cay: Adams 12274, 19 February 1963 (UWI), Adams (1969).

Boerhavia paniculata L. C. Rich

Morant Bank—Northeast Cay: Stoddart & Head 9122; Middle Cay: Stoddart & Head 9138; Southeast Cay: Stoddart & Head 9152.

Boerhavia scandens L.

Commicarpus scandens (L.) Standley

Port Royal Cays—Lime Cay: Stoddart & Head 9065.

Guapira obtusata (Jacq.) Little

Torruhia obtusata (Jacq.) Britton

Portland Bight Cays—Big Pelican Cay: Adams (1969).

PASSIFLORACEAE

Passiflora suberosa L.

Port Royal Cays—Lime Cay: Fawcett, s.n., 1899 (UWI), Robbins, s.n., July 1952 (UWI), Adams 12258, 7 February 1963 (UWI), Asprey and Robbins (1953).

Portland Bight Cays—Pigeon Cay: Proctor 11667, 4 March 1956 (IJ).

PHYTOLACCACEAE

Rivina humilis L.

Portland Bight Cays—Big Pelican Cay: Carter, s.n., 12 November 1963 (UWI), Adams 13037, 29 October 1967 (UWI), Adams (1969).

Trichostigma octandrum (L.) H. Walt.
Portland Bight Cays—Big Pelican Cay: Adams (1969).

POACEAE

Cenchrus brownii Roem. & Schult.
Portland Bight Cays—Big Pelican Cay: Adams (1969).

Cenchrus echinatus L.

Cenchrus tribuloides L.

Morant Bank—'Morant Cays', without locality, Lewis, s.n., 14 June 1947 (IJ);
Northeast Cay: Stoddart & Head 9131, Chapman (1944).

Port Royal Cays—Lime Cay: Stoddart & Head 9064a.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

Chloris mollis (Nees) Swallen

Port Royal Cays—Lime Cay: Adams in 1979 (rare).

Eragrostis domingensis (Pers.) Steud.

Pedro Bank—Middle Cay: Stoddart & Head 9096.

Eustachys petraea (Sw.) Desv.

Chloris petraea Sw.

Portland Bight Cays—Pigeon Cay: Proctor 11503, 29 January 1956 (IJ).

Panicum maximum Jacq.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

Paspalum distichum L.

Paspalum vaginatum Sw.

Pedro Bank—Northeast Cay: Fosberg 42789, Stoddart & Head 9092; Southwest
Cay: Lewis, s.n., 14 June 1947 (IJ), Lewis, s.n., June 1950 (IJ), Fosberg
42798, Stoddart & Head 9083, Zans (1958).

Morant Bank—Northeast Cay: Lewis, s.n., 28 June 1947 (IJ), Lewis, s.n., 19 June
1949 (IJ), Stoddart & Head 9130; Middle Cay: Stoddart & Head 9143,
Chapman (1944); Southeast Cay seaward islet: Stoddart & Head 9149;
Southwest Cay: Lewis, s.n., 19 June 1949 (IJ), Lewis, s.n., June 1950 (IJ),
Stoddart & Head 9168.

Port Royal Cays—Maiden Cay: Asprey and Robbins (1953) (one plant).

Portland Bight Cays—Big Pelican Cay: Adams 13038, 29 October 1967 (UWI),
Adams (1969).

Sporobolus virginicus (L.) Kunth

Pedro Bank—Middle Cay: Stoddart & Head 9098.

Morant Bank—Northeast Cay: Lewis, s.n., 28 June 1947 (IJ), Lewis, s.n., 18 June 1948 (IJ), Stoddart & Head 9117, Chapman (1944); Middle Cay: Stoddart & head 9139, Chapman (1944), Asprey and Robbins (1953); Southeast Cay: Stoddart & Head 9154, Chapman (1944); Southeast Cay seaward islet: Stoddart & Head 9150.

Port Royal Cays—Southeast Cay: Asprey and Robbins (1953); Maiden Cay: Chapman (1944), Asprey and Robbins (1953); Lime Cay: Asprey, s.n., November 1951 (UWI), Stoddart & Head 9032, 9035, 9039, Asprey and Robbins (1953), Bengry in 1954, Adams in 1963, Kelly in 1977, Brimacombe and Fairbairn in 1979; Gun Cay: Stoddart & Head 9078, Chapman (1944); Drunkenman's Cay: Chapman (1944), Asprey and Robbins (1953); Drunkenman's Cay small islet: Stoddart & Head 9109.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

PORTULACACEAE

Portulaca oleracea L.

Pedro Bank—Northeast Cay: Fosberg 42790, Stoddart & Head 9089, Zans (1958); Middle Cay: Fosberg 42804, Stoddart & Head 9103, Zans (1958); Southwest Cay: Fosberg 42801, Stoddart & Head 9080, Zans (1958).

Morant Bank—Northeast Cay: Lewis, s.n., 28 June 1947 (IJ) (not seen), Stoddart & Head 9135, Chapman (1944); Middle Cay: Asprey and Robbins (1953), Stoddart & Head 9137; Southeast Cay: Stoddart & Head 9160, Chapman (1944); Southeast Cay seaward islet: Stoddart & Head 9146; Southwest Cay: Stoddart & Head 9165.

Port Royal Cays—Lime Cay: Wedderburn 304, 15 March 1968 (IJ), Stoddart & Head 9037, 9054, Brimacombe and Fairbairn in 1979.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

Portulaca pilosa L.

Port Royal Cays—'Cays outside Port Royal, Macfadyen' (J. Macfadyen, 1825-1850), without localities, Fl. Jam. III, p. 170.

Portulaca rubricaulis Kunth

Portland Bight Cays—Pigeon Cay: Proctor 11670, 4 March 1956 (IJ).

POLYGONACEAE

Coccoloba uvifera L.

Port Royal Cays—Lime Cay: Stoddart & Head 9043, Asprey and Robbins (1953), Bengry in 1954, Adams in 1963, Brimacombe and Fairbairn in 1979.

RHAMNACEAE

Colubrina asiatica (L.) Brongn.

Port Royal Cays—Lime Cay: Adams 12248, 7 February 1963 (UWI) (very rare), Kelly in 1977.

Portland Bight Cays—Pigeon Cay: Proctor 11506, 29 June 1956 (IJ); Big Pelican Cay: Adams (1969).

RHIZOPHORACEAE

Rhizophora mangle L.

Morant Bank—Northeast Cay: Stoddart & Head 9112 (juveniles, introduced).

Port Royal Cays—Southeast Cay: Stoddart & Head 9001, 9014, Asprey and Robbins (1953); Southeast Cay separate rampart: island: Chapman (1944); Rocky Cay: Stoddart & Head 9028; South Cay: Stoddart & Head 9020, Chapman (1944); Lime Cay: specimen, no data (ca 1899) (UWI), Wedderburn 300, 15 March 1968 (IJ), Stoddart & Head 9049, Chapman (1944), Asprey and Robbins (1953), Bengry in 1954, Adams in 1963, Kelly in 1977, Brimacombe and Fairbairn in 1979; Gun Cay: Chapman (1944); Drunkenman's Cay: Stoddart & Head 9106, Chapman (1944), Asprey and Robbins (1953).

Portland Bight Cays—Pigeon Cay: Proctor 11511, 29 January 1956 (IJ), Steers (1940); Big Pelican Cay: Steers (1940) (seedlings), Adams (1969) (seedlings); Salt Cay: Steers (1940).

RUBIACEAE

Erithalis fruticosa L.

Portland Bight Cays—Pigeon Cay: Proctor 11513, 29 January 1953 (IJ).

Ixora ferrea Benth.

Port Royal Cays—Lime Cay: Stoddart & Head 9067 (?).

Morinda citrifolia L.

Port Royal Cays—Lime Cay: Asprey and Robbins (1953).

Portland Bight Cays—Pigeon Cay: Proctor 11487, 29 January 1956 (IJ).

Morinda royoc L.

Port Royal Cays—Lime Cay: Adams 12253, 7 February 1963 (UWI), Asprey and Robbins (1953), Brimacombe and Fairbairn in 1979.

SOLANACEAE

Solanum bahamense L.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

STERCULIACEAE

Waltheria indica L.

Portland Bight Cays—Pigeon Cay: Proctor 11499, 29 January 1956 (IJ).

SURIANACEAE

Suriana maritima L.

Pedro Bank—Northeast Cay: Fosberg 42792, Stoddart & Head 9094, Zans (1958); Middle Cay: Lewis, s.n., 14 June 1947 (IJ), Fosberg 42805, Stoddart & Head 9100, Zans (1958); Southwest Cay: Fosberg 42793, Stoddart & Head 9086, Zans (1958).

Morant Bank—'Morant Cays', without localities, Mendes, s.n., April 1961 (UWI); Northeast Cay: Stoddart & Head 9126; Southeast Cay: Stoddart & Head 9158.

Port Royal Cays—'Cays off Port Royal', no localities or collector, 1899 (UWI); 'House Key, near Port Royal', Fl. Jam. IV, p. 197 (identity of this island not established).

Portland Bight Cays—Pigeon Cay: Proctor 11516, 29 January 1956 (IJ) (not seen); Big Pelican Cay: Adams (1969).

TURNERACEAE

Turnera ulmifolia L.

Morant Bank—Northeast Cay: Stoddart & Head 9116, Chapman (1944); Middle Cay: Chapman (1944), Asprey and Robbins (1953); Southeast Cay: Stoddart & Head 9163.

Portland Bight Cays—Pigeon Cay: Proctor 11498, 29 January 1956 (IJ); Big Pelican Cay: Adams (1969).

VERBENACEAE

Avicennia germinans (L.) L.

Avicennia nitida Jacq.

Port Royal Cays—Southeast Cay: Stoddart & Head 9003, 9013, Asprey and Robbins (1953); Southeast Cay separate rampart island: Chapman (1944); Rocky Cay: Stoddart & Head 9027, 9030; South Cay: Stoddart & Head 9019, Chapman (1944); Lime Cay: Wedderburn 301, 15 March 1968 (IJ), Stoddart & Head 9042, Chapman (1944), Asprey and Robbins (1953), Bengry in 1954, Adams in 1963, Kelly in 1977, Brimacombe and Fairbairn in 1979; Gun Cay: Stoddart & Head 9079a, Chapman (1944); Drunkenman's Cay: Palmer, s.n., July 1954 (UWI), Stoddart & Head 9108, Chapman (1944), Asprey and Robbins (1953).

Portland Bight Cays—Pigeon Cay: Proctor 11493, 29 January 1956 (IJ); Big Pelican Cay: Steers (1940), Adams (1969); Salt Cay Steers (1940).

Citharexylum fruticosum L.

Portland Bight Cays—Big Pelican Cay: Adams (1969).

Lantana involucrata L.

Portland Bight Cays—Pigeon Cay: Proctor 11510, 29 January 1956 (IJ).

Stachytarpheta jamaicensis (L.) Vahl

Port Royal Cays—Lime Cay: Adams 12255, 7 February 1963 (UWI).

Portland Bight Cays—Pigeon Cay: Proctor 11807, 29 January 1956 (IJ); Big Pelican Cay: Adams 12265, 19 February 1963 (UWI), Adams (1969).

ZOSTERACEAE

Halodule beaudettei (den Hartog) den Hartog

Port Royal Cays—Lime Cay: Barry, s.n., 12 June 1945 (IJ).

Halodule wrightii Aschers., s.l.

Port Royal Cays—Southeast Cay: Stoddart & Head 9006.

Syringodium filiforme Kütz.

Cymodocea manatorum Aschers.

Morant Bank—Northeast Cay: Stoddart & Head 9119.

Port Royal Cays—Southeast Cay: Stoddart & Head 9006; Drunkenman's Cay: Stoddart & Head 9104.

ZYGOPHYLLACEAE

Kallstroemia maxima (L.) Torr. & A. Gray

Morant Bank—Northeast Cay: Stoddart & Head 9123.

Port Royal Cays—Lime Cay: Brimacombe and Fairbairn in 1979.

Tribulus cistoides L.

Morant Bank—Northeast Cay: Stoddart & Head 9124, Chapman (1944);
Southeast Cay: Stoddart & Head 9161, Chapman (1944).

Port Royal Cays—Maiden Cay: Chapman (1944); Lime Cay: Wedderburn 306,
15 March 1968 (IJ), Chapman (1944), Asprey and Robbins (1953), Bengry
in 1954, Adams in 1963, Kelly in 1977, Brimacombe and Fairbairn in
1979; Gun Cay: Chapman (1944).

Portland Bight Cays—Pigeon Cay: Proctor 11655, 4 March 1956 (IJ); Big Pelican
Cay: Adams (1969).

Table 1. Collectors and observers of plants on the Jamaica cays

1687-1689		Hans Sloane	'House Key', Gun Cay
1825-1850		J. Macfadyen	Port Royal Cays
1857-1858		W. T. March	Lime Cay
1899		W. Fawcett	Lime Cay, Maiden Cay, 'Green Cay'
1939		V. J. Chapman J. A. Steers	Port Royal Cays, Morant Cay
1940	April, June	C. B. Lewis	Pedro Cays, Morant Cays
1945	12 June	A. M. Barry	Lime Cay
1946	31 March	A. M. Barry	Lime Cay
1947	14 June 28 June 29 June	C. B. Lewis	Pedro Cays Morant Cays Pedro Cays
1948	18 June	C. B. Lewis	Morant Cays
1949	26 May	A. von der Porten	Drunkenman's Cay
1949	19 June	C. B. Lewis	Morant Cays
1949	21 June	A. von der Porten	Pedro Cays
1949	26 June	A. von der Porten	Drunkenman's Cay
1950	27 May	A. von der Porten	Lime Cay
1950	June	C. B. Lewis	Pedro Cays, Morant Cays
1951	November	G. F. Asprey	Lime Cay
1952	July	G. F. Asprey R. G. Robbins	Lime Cay
1952	December	A. R. Loveless	Lime Cay
1953	1 October	R. Gibbs, E. Grant A. Massop, A. Thomas	Drunkenman's Cay
1954	17 January	R. P. Bengry L. A. Patrick	Lime Cay

1954	July October	J. H. Palmer	Drunkenman's Cay Lime Cay
1955	20 July	C. B. Lewis	Pedro Cays
1955	18-23 July	V. A. Zans	Pedro Cays
1955	October	J. Rankin	Pigeon Cay
1956	February	B. V. Bailey	Pedro Cays
1956	November	V. A. Zans B. V. Bailey	Pedro Cays
1956	29 January 4 March	G. R. Proctor	Pigeon Cay
1957	January	B. V. Bailey	Pedro Cay
1961	April	D. Mendes	Morant Cays
1962	18-22 July	F. R. Fosberg M.-H. Sachet T. F. Goreau	Pedro Cays
1963	7 February	C. D. Adams	Lime Cay
1963	19 February 22 March	C. D. Adams	Big Pelican Cay
1963	12 November	W. Carter	Big Pelican Cay
1965	25 May	E. Lodge	Morant Cays
1965	28 November	C. D. Adams	Lime Cay
1966	17 December	I. Cornman	Pigeon Cay
1967	29 October	C. D. Adams	Big Pelican Cay
1968	15 March	M. M. Wedderburn	Lime Cay, Drunkenman's Cay
1969	7 December	J. D. Woodley	Southeast Cay (Port Royal Cays)
1972	3 December	G. R. Proctor	Booby Cay
1977	January	D. L. Kelly	Lime Cay
1979	28 July	M. Brimacombe P. Fairbairn	Lime Cay
1985	15-26 October	D. R. Stoddart S. M. Head M. C. Hendry (part)	Pedro Cays, Morant Cays, Port Royal Cays

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INDEX

<i>Acacia tortuosa</i>	10	<i>Crotalaria incana</i>	11
<i>Agave rigida</i>	2	<i>Cucurbita</i> sp.....	9
<i>Alternanthera ficoidea</i>	2	<i>Cymodocea manatorum</i>	18
<i>Alternanthera halimifolia</i>	2	<i>Cynanchum</i> sp.....	4
<i>Ateramnus lucidus</i>	9	<i>Cyperus ligularis</i>	9
<i>Atriplex pentandra</i>	7	<i>Cyperus planifolius</i>	9
<i>Avicennia germinans</i>	18	<i>Delonix regia</i>	11
<i>Avicennia nitida</i>	18	<i>Doveria emetocathartica</i>	9
<i>Batis maritima</i>	4	<i>Dracaena</i> sp.....	2
<i>Bernardia dichotoma</i>	10	<i>Echites umbellata</i>	3
<i>Boerhavia coccinea</i>	13	<i>Eragrostis domingensis</i>	14
<i>Boerhavia hirsuta</i>	13	<i>Erigeron pusillus</i>	4
<i>Boerhavia paniculata</i>	13	<i>Erithalis fruticosa</i>	16
<i>Boerhavia scandens</i>	13	<i>Euphorbia blodgettii</i>	10
<i>Bursera lunanii</i>	5	<i>Euphorbia buxifolia</i>	10
<i>Bursera simaruba</i>	5	<i>Euphorbia mesembrianthemifolia</i> ...	10
<i>Bursera simplicifolia</i>	5	<i>Eustachys petraea</i>	14
<i>Caesalpinia bonduc</i>	10	<i>Gossypium hirsutum</i>	12
<i>Caesalpinia crista</i>	10	<i>Guapira obtusata</i>	13
<i>Cakile lanceolata</i>	8	<i>Guilandina bonduc</i>	10
<i>Calonyction tuba</i>	8	<i>Gymnanthes lucida</i>	9
<i>Canavalia maritima</i>	11	<i>Halodule beaudettei</i>	18
<i>Canavalia obtusifolia</i>	11	<i>Halodule wrightii</i>	18
<i>Canavalia rosea</i>	11	<i>Halophila decipiens</i>	12
<i>Capparis cynophallophora</i>	6	<i>Heliotropium curassavicum</i>	5
<i>Capparis ferruginea</i>	6	<i>Indigofera tinctoria</i>	11
<i>Capparis flexuosa</i>	6	<i>Ipomoea macrantha</i>	8
<i>Caraxeron vermicularis</i>	2	<i>Ipomoea pes-caprae</i>	8
<i>Cassia emarginata</i>	11	<i>Ipomoea tuba</i>	8
<i>Cassytha filiformis</i>	12	<i>Iresine diffusa</i>	2
<i>Casuarina equisetifolia</i>	6	<i>Ixora ferrea</i>	16
<i>Cenchrus brownii</i>	14	<i>Jacquemontia havanensis</i>	8
<i>Cenchrus echinatus</i>	14	<i>Jacquemontia jamaicensis</i>	8
<i>Cenchrus tribuloides</i>	14	<i>Kallstroemia maxima</i>	19
<i>Cereus</i> sp.	6	<i>Laguncularia racemosa</i>	7
<i>Chamaesyce blodgettii</i>	10	<i>Lantana involucrata</i>	18
<i>Chamaesyce buxifolia</i>	10	<i>Lasiocroton macrophyllus</i>	10
<i>Chloris mollis</i>	14	<i>Lemnaireocereus hystrix</i>	6
<i>Chloris petraea</i>	14	<i>Mallotonia gnaphalodes</i>	5
<i>Citharexylum fruticosum</i>	18	<i>Mariscus rufus</i>	9
<i>Citrullus lanatus</i>	9	<i>Melanthera aspera</i>	4
<i>Coccoloba uvifera</i>	16	<i>Metopium brownei</i>	3
<i>Coccothrinax jamaicensis</i>	3	<i>Morinda citrifolia</i>	16
<i>Cocos nucifera</i>	3	<i>Morinda royoc</i>	17
<i>Colubrina asiatica</i>	16	<i>Nerium oleander</i>	3
<i>Commicarpus scandens</i>	13	<i>Nopalia</i> sp.	6
<i>Conocarpus erecta</i>	7	<i>Opuntia dillenii</i>	6
<i>Conyza canadensis</i>	4	<i>Opuntia tuna</i>	6
<i>Cordia sebestena</i>	4	<i>Panicum maximum</i>	14
<i>Crossopetalum rhacoma</i>	7	<i>Paspalum distichum</i>	14

<i>Paspalum vaginatum</i>	14
<i>Passiflora suberosa</i>	13
<i>Philoxerus vermicularis</i>	2
<i>Piscidia piscipula</i>	11
<i>Pithecellobium unguis-cati</i>	11
<i>Portulaca oleracea</i>	15
<i>Portulaca pilosa</i>	15
<i>Portulaca rubricaulis</i>	15
<i>Rhacoma crossopetalum</i>	7
<i>Rhizophora mangle</i>	16
<i>Rhus metopium</i>	3
<i>Rivina humilis</i>	13
<i>Scaevola plumieri</i>	12
<i>Sesuvium portulacastrum</i>	2
<i>Solanum bahamense</i>	17
<i>Sporobolus virginicus</i>	15
<i>Stachytarpheta jamaicensis</i>	18
<i>Stenocereus hystrix</i>	6
<i>Stigmaphyllon emarginatum</i>	12
<i>Suriana maritima</i>	17
<i>Syringodium filiforme</i>	18
<i>Tephrosia cinerea</i>	11
<i>Thalassia testudinum</i>	12
<i>Thespesia populnea</i>	12
<i>Torruhia obtusata</i>	13
<i>Tournefortia gnaphalodes</i>	5
<i>Tribulus cistoides</i>	19
<i>Trichostigma octandrum</i>	14
<i>Turnera ulmifolia</i>	17
<i>Vallesia antillana</i>	3
<i>Vigna luteola</i>	11
<i>Vigna repens</i>	11
<i>Waltheria indica</i>	17
<i>Wedelia trilobata</i>	4