

Appendix 2. Terrestrial species found on coral reef islands of the southern Gulf of Mexico. (See Introduction for explanation of list and acronyms used.)

TERRESTRIAL SPECIES AND CLASSIFICATION	REFERENCES	ISLAND(S)
DIVISION MAGNOLIOPHYTA		
CLASS MAGNOLIOPSIDA		
Order Caryophyllales		
Family Aizoaceae		
<i>Sesuvium portulacastrum</i> Linnaeus, 1759	Bonet and Rzedowski, 1962 Fosberg, 1962 Lot-Helgueras, 1971 Villalobos, 1971 Anon., 1981 Flores, 1984 Flores, 1992 Vargas-Hernandez et al., 1993 Moreno-Casasola (pers. comm.) Vargas-Hernandez, pers. comm.	P, D, Pj, C P, D, Pj, C B, V, E B CC, CE, CO P, D AC, CAR, D, Pj V, B, E S, V P
<i>Sesuvium testudinum</i>	Ardisson and Durán-Nájera, 1997	P
Family Amaranthaceae		
<i>Amaranthus greggii</i> Watson (syn. <i>A. annectens</i> , Blake; <i>A. myrianthus</i> , Standl)	Anon., 1981	CC, CE, CO
<i>Amaranthus spinosus</i> L.	Vargas-Hernandez, pers. comm. Flores, 1992	L, AC C, Dd
<i>Atriplex canescens</i> Pursh (Nutt.)	Vargas-Hernandez, pers. comm.	AC, P
<i>Atriplex cristata</i> Humb. & Bonpl. Ex Willd. (syn. <i>Atriplex pentandra</i>) (Jacquin) Standley	Bonet and Rzedowski, 1962	P, D
<i>Chenopodium ambrosioides</i> Linnaeus	Fosberg, 1962	P, D
<i>Iresine diffusa</i> Humboldt & Bonpland ex Willdenow, 1806 (syn. <i>I. celosia</i>)	Fosberg, 1962 Anon., 1981 Flores, 1984 Flores, 1992	P, D CC, CE, CO D, Pj, C AC, P, D, Pj, C
<i>Salicornia bigelovii</i> Torrey, 1858	Fosberg, 1962 Moreno-Casasola (pers. comm.)	S, V
<i>Salicornia</i> sp. L.	Flores, 1984 Flores, 1992 Vargas-Hernandez, pers. comm.	C AC AC
<i>Salicornia virginica</i> Linnaeus	Moreno-Casasola (pers. comm.) Anon., 1981	V CC
Family Cactaceae		
<i>Acanthocereus tetragonus</i> (Linnaeus) Hummelinck, 1938 (syn. <i>Cereus pentagonus</i>)	Flores, 1992	P

TERRESTRIAL SPECIES AND CLASSIFICATION	REFERENCES	ISLAND(S)
	Ardisson and Durán-Nájera, 1997	P
<i>Echinocereus</i> sp. (syn. <i>Cereus</i>)	Flores, 1984	P
<i>Opuntia cochenillifera</i> (L.) Salm-Dyck (syn. <i>Nopalea cochenillifera</i>)	Fosberg, 1962	P
	Flores, 1984	P
	Flores, 1992	P
<i>Opuntia stricta</i> (Haworth) Haworth, 1812	Moreno-Casasola (pers. comm.)	V
<i>Opuntia stricta</i> (Haworth) Haworth var. <i>dillenii</i> (Ker-Gawler) Benson (syn. <i>O. dillenii</i>)	Bonet and Rzedowski, 1962	P
	Fosberg, 1962	P, D
	Anon., 1981	CC
	Flores, 1984	P, D
	Flores, 1992	AC, AR, P, D
<i>Philocerus vermicularis</i> (L.) R. Br.	Flores, 1992	P
Family Polygonaceae		
<i>Coccoloba uvifera</i> (Linnaeus) Linnaeus, 1759	Bonet and Rzedowski, 1962	P
	Fosberg, 1962	P
	Anon., 1981	CC
	Flores, 1984	P
	Flores, 1992	P
	Moreno-Casasola (pers. comm.)	S
	Vargas-Hernandez, pers. comm.	AC, P
Order Papaverales		
Family Papaveraceae		
<i>Argemone mexicana</i> L. (syn. <i>Argemone leiocarpa</i> , Greene)	Flores, 1992	AR
Family Portulacaceae		
<i>Portulaca grandiflora</i> Hooker	Fosberg, 1962	
<i>Portulaca oleracea</i> Linnaeus, 1753	Bonet and Rzedowski, 1962	P, D, Pj, C
	Fosberg, 1962	P, D, Pj, C, Dd
	Anon., 1981	CC, CE
	Flores, 1984	P, D, Pj, C, Dd
	Flores, 1992	AC, TO, AR, P, D, Pj, C
	Vargas-Hernandez, pers. comm.	AC, TO, P
Order Cucurbitales		
Family Cucurbitaceae		
<i>Citrullus lanatus</i> (Thunberg) Matsumura & Nakai (syn. <i>C. vulgaris</i>)	Anon., 1981	CC
Order Fabales		

TERRESTRIAL SPECIES AND CLASSIFICATION	REFERENCES	ISLAND(S)
Family Fabaceae		
<i>Acacia minuata</i> (M.E. Jones) P. de Beauchamp subsp. <i>minuata</i> (syn. <i>A. farnesiana</i>)	Anon., 1981	CC
<i>Caesalpinia bonduc</i> (Linnaeus) Roxburgh, 1832	Moreno-Casasola (pers. comm.)	V
<i>Canavalia rosea</i> (Swartz) A. P. de Candolle, 1825 (syn. <i>Canavalia maritima</i>)	Moreno-Casasola (pers. comm.)	S, V
	Vargas-Hernandez, pers. comm.	L, AC
<i>Crotalaria incana</i> Linnaeus	Moreno-Casasola (pers. comm.)	V
Family Surianaceae		
<i>Suriana maritima</i> Linnaeus, 1753	Moreno-Casasola (pers. comm.)	S
	Bonet and Rzedowski, 1962	P, D, Pj, C
	Fosberg, 1962	P, D, Pj, C
	Anon., 1981	CC, CO
	Flores, 1984	P, Pj, Dd
	Flores, 1992	AC, TO, AR, P, D, Pj, C
	Vargas-Hernandez, pers. comm.	L, TO, CAR, P
Order Fagales		
Family Casuarinaceae		
<i>Casuarina equisetifolia</i> Linnaeus, 1759	Fosberg, 1962	P
	Lot-Helgueras, 1971	S, E
	Anon., 1981	CC
	Flores, 1984	P
	Flores, 1992	AC, AR, P
	Vargas-Hernandez et al., 1993	S, E
	Vargas-Hernandez, pers. comm.	L, AC, P
Order Malpighiales		
Family Euphorbiaceae		
<i>Chamaesyce mesembryanthemifolia</i> (Jacquin) Dugand, 1966 (syn. (Lam) <i>Euphorbia buxifolia</i> , (Jacq) <i>Euphorbia mesembrianthemifolia</i> , (Lam) Small <i>Chamaesyce buxifolia</i>)	Bonet and Rzedowski, 1962	P, D, Pj, C
	Fosberg, 1962	P, D, Pj, C, Dd
	Lot-Helgueras, 1971	V
	Anon., 1981	CC, CO
	Flores, 1984	P, D, Pj, Dd
	Flores, 1992	AC, TO, AR, P, D, Dd
	Moreno-Casasola (pers. comm.)	V
	Vargas-Hernandez et al., 1993	V

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<i>Cnidoscolus urens</i> Linnaeus (syn. <i>Jatropha urens</i>)	Vargas-Hernandez, pers. comm. Fosberg, 1962	L,AC,TO,CAR,P
<i>Croton punctatus</i> Jacquin, 1787	Vargas-Hernandez, pers. comm.	L, AC
<i>Ricinus communis</i> Linnaeus	Anon., 1981 Vargas-Hernandez, pers. comm.	CC AC, P
Family Rhizophoraceae		
<i>Rhizophora mangle</i> Linnaeus, 1753	Flores, 1984 Flores, 1992 Vargas-Hernandez, pers. comm.	P TO, P L, P
Order Brassicales		
Family Bataceae		
<i>Batis maritima</i> Linnaeus, 1759	Anon., 1981 Flores, 1984 Vargas-Hernandez, pers. comm. Flores, 1992	CC P, D, Pj, C L, AC, P AC, D, Pj, C
Family Brassicaceae		
<i>Cakile edentula</i> (Bigel.) Hook	Flores, 1992	AC
<i>Cakile edentula</i> var. <i>alacranensis</i> (Mill sp.) Schulz.	Bonet and Rzedowski, 1962 Anon., 1981 Flores, 1984 Flores, 1992 Vargas-Hernandez, pers. comm.	P, D, Pj, C CC, CE, CO P, D, Pj, C TO, AR, P, D AC, P
<i>Cakile lanceolata</i> (Willdenow) O. E. Schulz, 1903	Fosberg, 1962 Vargas-Hernandez, pers. comm. Moreno-Casasola (pers. comm.)	P, D, Pj, C, Dd L
Order Malvales		
Family Malvaceae		
<i>Malvaviscus arboreus</i> Cavanilles, 1780	Vargas-Hernandez, pers. comm.	L
Order Myrtales		
Family Combretaceae		
<i>Conocarpus erectus</i> Linnaeus, 1753	Bonet and Rzedowski, 1962 Fosberg, 1962	P P
<i>Ecenchrus pilosus</i> H.B.K.	Fosberg, 1962	D, Pj, Dd
<i>Terminalia cattapa</i> L.	Moreno-Casasola (pers. comm.) Fosberg, 1962 Lot-Helgueras, 1971 Flores, 1984 Flores, 1992 Vargas-Hernandez et al., 1993	S, V V Dd TO, D S
Family Myrtaceae		

TERRESTRIAL SPECIES AND CLASSIFICATION	REFERENCES	ISLAND(S)
<i>Psidium guajava</i> L.	Vargas-Hernandez et al., 1993	S
Order Sapindales		
Family Anacardiaceae		
<i>Motopium brownei</i> (Jacq.) Urban	Flores, 1992	Dd
Family Rutaceae		
<i>Citrus sinensis</i> Osbeck	Flores, 1992	AC
Family Zygophyllaceae		
<i>Tribulus alacranensis</i>	Bonet and Rzedowski, 1962	D, Pj
<i>Tribulus cistoides</i> Linneaus	Fosberg, 1962	P, D, Dd
Order Ericales		
Family Sapotaceae		
<i>Bumelia retusa</i> Sw.	Flores, 1992	Dd
Order Boraginales		
Family Boraginaceae		
<i>Argusia gnaphalodes</i> (Linnaeus) Heine, 1976 (syn. <i>Tournefortia gnaphalodes</i>)	Moreno-Casasola (pers. comm.)	S, V
	Bonet and Rzedowski, 1962	P, D, Pj, C
	Fosberg, 1962	P, D, Pj, C, Dd
	Lot-Helgueras, 1971	B, V
	Villalobos, 1971	B
	Anon., 1981	CC, CO
	Flores, 1984	P, D, Pj, C, Dd
	Flores, 1992	AC, TO, AR, P, D, Pj, C, Dd
	Vargas-Hernandez et al., 1993	V, B
	Vargas-Hernandez, pers. comm.	L, AC, TO, CAR
<i>Cordia sebestena</i> Linneaus (syn. <i>Sebesten sebestena</i> (L.) Britt. ex Small)	Bonet and Rzedowski, 1962	P
	Fosberg, 1962	P
	Flores, 1984	P
	Flores, 1992	AR, P
	Vargas-Hernandez, pers. comm.	AC, P
<i>Heliotropium curassavicum</i> Linnaeus, 1753	Vargas-Hernandez, pers. comm.	AC, TO
	Flores, 1992	TO, AR
Order Gentianales		
Family Apocynaceae		
<i>Thevetia gaumeri</i>	Vargas-Hernandez, pers. comm.	L
Family Asclepiadaceae		

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<i>Cynanchum pringlei</i> (Gray) Henrickson (syn. <i>Cynanchum barbigerum</i> var. <i>breviflorum</i> Shinners; <i>Metastelma pringlei</i> Gray)	Moreno-Casasola (pers. comm.)	V
Family Rubiaceae		
<i>Chiococca alba</i> (Linnaeus) Hitchcock, 1893	Vargas-Hernandez, pers. comm.	L, AC
<i>Randia aculeata</i> Linnaeus, 1753	Vargas-Hernandez, pers. comm.	L, AC
<i>Randia laetevirens</i> Standl.	Lot-Helgueras, 1971	V
	Vargas-Hernandez et al., 1993	V
	Moreno-Casasola (pers. comm.)	S, V
Order Lamiales		
Family Lamiaceae		
<i>Mentha spicata</i> Linnaeus (syn. <i>Mentha cordifolia</i> auct.; <i>Mentha longifolia</i> auct. non (L.) Huds.; <i>Mentha viridis</i> L.	Fosberg, 1962	
Family Scrophulariaceae		
<i>Capraria biflora</i> Linnaeus, 1753	Flores, 1992	AC, AR
<i>Capraria</i> sp. L.	Anon., 1981	CC
Family: Avicenniaceae		
<i>Avicennia germinans</i> (Linnaeus) Linnaeus, 1764 (syn. <i>A. nitida</i>)	Moreno-Casasola (pers. comm.)	V
	Bonet and Rzedowski, 1962	P, Pj
	Fosberg, 1962	P, Pj
	Anon., 1981	CC
	Flores, 1984	Pj
	Flores, 1992	AC, P, Pj
	Vargas-Hernandez, pers. comm.	P
Order Solanales		
Family Convolvulaceae		
<i>Ipomoea alba</i> Linnaeus, 1753 (syn. <i>Calonyction aculeatum</i>)	Anon., 1981	CC, CE
	Flores, 1992	TO
<i>Ipomoea imperati</i> (Vahl) Grisebach, 1866 (syn. <i>I. stolinifera</i>)	Lot-Helgueras, 1971	B
	Vargas-Hernandez et al., 1993	B
	Moreno-Casasola (pers. comm.)	S
<i>Ipomoea littoralis</i> Blume (syn. <i>Ipomoea gracilis</i> auct. non R. Br)	Villalobos, 1971	B
	Vargas-Hernandez et al., 1993	B
<i>Ipomoea pes-caprae</i> (Linnaeus) R. Brown, 1816	Flores, 1984	Pj, C
	Flores, 1992	AR, D, Pj, C

TERRESTRIAL SPECIES AND CLASSIFICATION	REFERENCES	ISLAND(S)
	Moreno-Casasola (pers. comm.)	S, V
	Vargas-Hernandez, pers. comm.	L, AC, P
Family Solanaceae		
<i>Capsicum annuum</i> Linnaeus	Fosberg, 1962	
<i>Lycopersicon esculentum</i> P. Miller var. <i>esculentum</i> (syn. <i>Solanum lycopersicum</i>)	Fosberg, 1962	
Order Asterales		
Family Asteraceae		
<i>Ambrosia artemisiifolia</i> Linnaeus	Moreno-Casasola (pers. comm.)	S
<i>Ambrosia hispida</i> Pursh	Anon., 1981	AC
	Vargas-Hernandez, pers. comm.	AC
<i>Ambrosia psilostachya</i> DC. (syn. <i>Ambrosia cumanensis</i>)	Vargas-Hernandez, pers. comm.	L, AC
<i>Bidens pilosa</i> Linnaeus	Moreno-Casasola (pers. comm.)	S
	Vargas-Hernandez, pers. comm.	AC
<i>Borrichia arborescens</i> (Linnaeus) A. P. de Candolle, 1836	Vargas-Hernandez, pers. comm.	??
<i>Borrichia frutescens</i> (Linnaeus) A. P. de Candolle, 1836	Vargas-Hernandez, pers. comm.	L, AC
<i>Flaveria linearis</i> Lagasca & Segura, 1816	Flores, 1992	P
	Ardisson and Durán-Nájera, 1997	Dd
Family Goodeniaceae		
<i>Scaevola plumieri</i> (Linnaeus) Vahl, 1791	Anon., 1981	CC
	Flores, 1984	P, Dd
	Flores, 1992	AC, P, Dd
	Vargas-Hernandez, pers. comm.	L, AC, P
Order Scrophulariales		
Family Acanthaceae		
<i>Justicia spicigera</i> Schlecht.	Flores, 1992	D
Family Pedaliaceae		
Family: Verbenaceae		
<i>Sesamum orientale</i> Linnaeus (syn. <i>S. indicum</i>)	Fosberg, 1962	
CLASS LILIOPSIDA		
Order Asparagales		
Family Agavaceae		
<i>Agave angustifolia</i> Haw.	Lot-Helgueras, 1971	V
<i>Agave</i> sp. L.	Moreno-Casasola (pers. comm.)	V
Family: Amaryllidaceae		
<i>Crinum</i> sp. L.	Fosberg, 1962	P

TERRESTRIAL SPECIES AND CLASSIFICATION	REFERENCES	ISLAND(S)
<i>Hymenocallis americana</i> (Jacq.) Salisb.	Flores, 1992	AC, AR
Family Orchidaceae		
<i>Catasetum integerrimum</i> (L.) Lindl.	Flores, 1992	Dd
<i>Schomburgia tibicinis</i> Bateman	Flores, 1992	Dd
Order Arecales		
Family Arecaceae		
<i>Cocos nucifera</i> Linnaeus	Anon., 1981 Flores, 1992 Vargas-Hernandez et al., 1993 Vargas-Hernandez, pers. comm.	CC AC, TO, AR, P S L
Order Commelinales		
Family Commelinaceae		
<i>Tradescantia pallida</i> Boom (syn. <i>Setcreasea purpurea</i>)	Fosberg, 1962	
Order Pandanales		
Family Pandanaceae		
<i>Pandanus</i> sp. L.F.	Lot-Helgueras, 1971 Vargas-Hernandez et al., 1993	V V
Order Poales		
Family Cyperaceae		
<i>Cyperus compressus</i> L.	Flores, 1992 Ardisson and Durán-Nájera, 1997	Pj Pj
<i>Cyperus planifolius</i> Richard, 1792	Bonet and Rzedowski, 1962 Fosberg, 1962 Flores, 1984 Flores, 1992	P, Pj P, Pj P, D P, D
<i>Fimbristylis spadicea</i> (Linnaeus) Vahl, 1805 (syn. <i>F. thermalis</i>)	Moreno-Casasola (pers. comm.)	V
Family Poaceae		
<i>Arundo donax</i> Linnaeus (syn. <i>Arundo donax</i> var. <i>versicolor</i> (P. Mill) Stokes; <i>Arundo versicolor</i> P. Mill)	Moreno-Casasola (pers. comm.)	S
<i>Cenchrus echinatus</i> Linnaeus (syn. <i>Cenchrus echinatus</i> var. <i>hillebrandianus</i> (A.S. Hitchc.) F. Br.)	Ardisson and Durán-Nájera, 1997 Flores, 1992 Vargas-Hernandez, pers. comm.	P, D, Pj AR L, AC, P
<i>Cenchrus gracillimus</i> Nash	Fosberg, 1962	D

TERRESTRIAL SPECIES AND CLASSIFICATION	REFERENCES	ISLAND(S)
<i>Cenchrus insularis</i> Scribn.	Bonet and Rzedowski, 1962 Anon., 1981 Flores, 1984 Flores, 1992	D, Pj CC, CE, CO P, D, C, Dd AC, P, D, C
<i>Cenchrus spinifex</i> Cavanilles, 1799 (syn. <i>C. pauciflorus</i>)	Bonet and Rzedowski, 1962 Fosberg, 1962 Flores, 1992	D Dd D
<i>Cynodon dactylon</i> (Linnaeus) Persoon var <i>dactylon</i> (syn. <i>C. dactylon</i> ; <i>Panicum dactylon</i> L.)	Anon., 1981	CC
<i>Distichlis spicata</i> (Linnaeus) Greene, 1887	Flores, 1992 Vargas-Hernandez, pers. comm.	AC AC, P
<i>Phragmites australis</i> (Cavanilles) Trinius ex Steudel, 1841	Vargas-Hernandez, pers. comm.	L,
<i>Sporobolus virginicus</i> (Linnaeus) Kunth, 1829	Bonet and Rzedowski, 1962 Fosberg, 1962 Flores, 1984 Flores, 1992 Moreno-Casasola (pers. comm.) Vargas-Hernandez, pers. comm.	D, Pj, C D, Pj, C AR, D, Pj, C S, V AC, P
<i>Urochloa platyphylla</i> (W. Munro ex C. Wright) (syn. <i>Brachiaria extensa</i> , Chase; <i>Brachiaria platyphylla</i> (Munro ex Wright) Nash; <i>Paspalum platyphyllum</i> , Griseb., non J.A. Schultes)	Anon., 1981 Moreno-Casasola (pers. comm.)	CC V
PHYLUM ARTHROPODA		
SUBPHYLUM CHELICERATA		
CLASS ARACHNIDA		
Family Acaridae		
<i>Acaridae</i> sp.	Bonet and Rzedowski, 1962	AL
Family Argasidae		
<i>Ornithodoros talaje</i> (Guerin-Méneville)	Bonet and Rzedowski, 1962	AL
Family Eremaeidae Sellnick, 1928		
<i>Eremaeidae</i> sp.	Bonet and Rzedowski, 1962	AL
Family Euzerconidae		
<i>Euzerconidae</i> sp.	Bonet and Rzedowski, 1962	AL
SUBPHYLUM CRUSTACEA		

TERRESTRIAL SPECIES AND CLASSIFICATION	REFERENCES	ISLAND(S)
CLASS MALACOSTRACA		
Order Decapoda		
Family Coenobitidae		
<i>Coenobita clypeatus</i> Herbst, 1791	Allen, 1982	E, L
	Martínez-Guzmán and Hernández-Aguilera, 1993	AL
Family Gecarcinidae		
<i>Gecarcinus lateralis</i> Freminville, 1853	Chávez, et al., 1970	L
	Allen, 1982	E, L
	Martínez-Guzmán and Hernández-Aguilera, 1993	AL
SUBPHYLUM HEXAPODA		
CLASS INSECTA		
Order Coleoptera Linnaeus, 1758		
Family Buprestidae		
Buprestidae sp.	Bonet and Rzedowski, 1962	AL
Family Carabidae		
Carabidae sp. A	Bonet and Rzedowski, 1962	AL
Carabidae sp. B	Bonet and Rzedowski, 1962	AL
Family Cerambycidae		
Cerambycidae sp.	Bonet and Rzedowski, 1962	AL
Family Coccinellidae		
<i>Naemia seriata</i> seriata Melsheimer, 1847	Fosberg, 1962	AL
Family Curculionidae		
Curculionidae sp.	Bonet and Rzedowski, 1962	AL
<i>Dryotribus mimeticus</i> Horn, 1873 (syn. <i>Pentacotaster nagayamai</i> , Chujo & Voss, 1960); <i>Thalattodora insignis</i> , Perkins, 1900)	Fosberg, 1962	AL
Family Histeridae		
Histeridae sp.	Bonet and Rzedowski, 1962	AL
Family Ptiliidae		
Ptiliidae sp. 1	Bonet and Rzedowski, 1962	AL
Ptiliidae sp. 2	Bonet and Rzedowski, 1962	AL
Family Staphylinidae		
Staphylinidae sp. 1	Bonet and Rzedowski, 1962	AL
Staphylinidae sp. 2	Bonet and Rzedowski, 1962	AL
Family Tenebrionidae		
<i>Blapstinus</i> sp.	Fosberg, 1962	AL
Tenebrionidae sp.	Bonet and Rzedowski, 1962	AL

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Order Collembola		
Family Entomobryidae		
<i>Pseudosinella</i> sp.	Bonet and Rzedowski, 1962	AL
Family Hypogastruridae		
<i>Folsomiella</i> sp.	Bonet and Rzedowski, 1962	AL
<i>Xenylla</i> sp. A	Bonet and Rzedowski, 1962	AL
<i>Xenylla</i> sp. B	Bonet and Rzedowski, 1962	AL
Family Isotomidae		
<i>Archisotoma</i> sp.	Bonet and Rzedowski, 1962	AL
<i>Folsomides</i> sp.	Bonet and Rzedowski, 1962	AL
<i>Isotoma</i> sp.	Bonet and Rzedowski, 1962	AL
<i>Proisotoma</i> sp.	Bonet and Rzedowski, 1962	AL
Order Dictyoptera		
Family Blaberidae		
<i>Pycnoscelus surinamensis</i> Linnaeus, 1758	Bonet and Rzedowski, 1962	AL
Family Blattidae		
<i>Panchlora</i> sp.	Fosberg, 1962	AL
<i>Periplaneta americana</i> Linnaeus, 1758	Fosberg, 1962	AL
<i>Periplaneta australasiae</i> Fabricius, 1775	Bonet and Rzedowski, 1962	AL
Order Diptera		
Family Chironomidae		
<i>Chironomus</i> sp.	Bonet and Rzedowski, 1962	AL
Family Hippoboscidae		
<i>Olfersia spinifera</i> Leach, 1817	Bonet and Rzedowski, 1962 Fosberg, 1962	AL AL
Family Muscidae		
<i>Lispocephala</i> sp.	Fosberg, 1962	AL
<i>Musca domestica</i> Linnaeus, 1758 (syn. <i>Musca contigua</i> , Walker, 1853; <i>Musca harpyia</i> , Harris, 1869; <i>Musca vicina</i> , Macquart, 1851)	Bonet and Rzedowski, 1962	AL
Family Psychodidae		
Psychodidae sp.	Bonet and Rzedowski, 1962	AL
Family Sarcophagidae		
<i>Sarcophaga</i> sp.	Bonet and Rzedowski, 1962	AL
<i>Tricharaea femoralis</i> Schiner, 1868	Fosberg, 1962	AL
Family Tethinidae		
<i>Rhicnoessa</i> sp.	Fosberg, 1962	AL
Order Hemiptera Linnaeus, 1758		
Family Coccoidea		

TERRESTRIAL SPECIES AND CLASSIFICATION	REFERENCES	ISLAND(S)
<i>Phenacoccus</i> sp.	Fosberg, 1962	AL
Family Miridae		
Miridae sp.	Bonet and Rzedowski, 1962	AL
Family Lygaeidae		
<i>Exptochiomera</i> sp.	Fosberg, 1962	AL
<i>Nysius</i> sp.	Fosberg, 1962	AL
Family Pentatomidae		
<i>Microporus obliquus</i> Uhler, 1872	Fosberg, 1962	AL
<i>Murgantia histrionica</i> Hahn, 1834	Fosberg, 1962	AL
Pentatomidae sp.	Bonet and Rzedowski, 1962	AL
Order Hymenoptera		
Family Chalcididae		
Chalcididae sp.	Bonet and Rzedowski, 1962	AL
Family Formicidae		
Formicidae sp. 1	Bonet and Rzedowski, 1962	AL
Formicidae sp. 2	Bonet and Rzedowski, 1962	AL
Formicidae sp. 3	Bonet and Rzedowski, 1962	AL
Formicidae sp. 4	Bonet and Rzedowski, 1962	AL
Formicidae sp. 5	Bonet and Rzedowski, 1962	AL
<i>Paratrechina longicornis</i> Latreille, 1802	Fosberg, 1962	AL
Order Lepidoptera		
Family Lycaenidae		
<i>Brephidium exilis</i> Boisduval, 1852	Bonet and Rzedowski, 1962	AL
Family Noctuidae		
Noctuidae sp.	Bonet and Rzedowski, 1962	AL
Order Neuroptera		
Family Myrmeleonidae		
Myrmeleonidae sp.	Bonet and Rzedowski, 1962	AL
Family Myrmeleontidae		
<i>Psammoleon bistictus</i> Hagen, 1861	Fosberg, 1962	AL
Order Orthoptera		
Family Acrididae		
<i>Trimerotropis pallidipennis</i> Burmeister, 1838	Fosberg, 1962	AL
Acrididae sp.	Bonet and Rzedowski, 1962	AL
Family Gryllidae		
<i>Cycloptilum</i> sp.	Fosberg, 1962	AL
Gryllidae sp.	Bonet and Rzedowski, 1962	AL
Order Psocoptera		
Family Atropidae		

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Atropidae sp.	Bonet and Rzedowski, 1962	AL
Order Zygentoma		
Family Lepismatidae		
<i>Stylifera gigantea</i> Escherich, 1905	Bonet and Rzedowski, 1962	AL
PHYLUM CHORDATA		
CLASS REPTILIA		
Order Squamata		
Family Scincidae		
<i>Mabuya mabuya</i> (Lacepede)	Fosberg, 1962	P
	Ardisson and Durán-Nájera, 1997	AL
Family Polychrotidae		
<i>Anolis</i> sp.	Ardisson and Durán-Nájera, 1997	AL
CLASS MAMMALIA		
Order Rodentia		
Family Muridae		
<i>Rattus</i> sp.	Ardisson and Durán-Nájera, 1997	AL
Order Carnivora		
Family Pocidae		
<i>Monachus tropicalis</i> Hermann, 1779 (Extinct)	Fosberg, 1962	AL
	Ardisson and Durán-Nájera, 1997	AL
SUBPHYLUM VERTEBRATA		
CLASS AVES		
Order Anseriformes		
Family Anatidae		
Subfamily Anatinae		
<i>Anas discors</i> Linnaeus, 1766	Howell, 1989	P
Order Pelecaniformes		
Family Sulidae		
<i>Sula dactylatra</i> Lesson, 1831	Boswall, 1978	D, Pj
	Anon., 1981	AC
	Tunnell and Chapman, 2001	Pj, D, CAR, CC, CE
<i>Sula leucogaster</i> Boddaert, 1783	Boswall, 1978	P
	Tunnell and Chapman, 2001	Dd
<i>Sula sula</i> Tschudi, 1843	Tunnell and Chapman, 1988	AL
Family Pelecanidae		

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<i>Pelecanus occidentalis</i> Linnaeus, 1766	Villalobos, 1971	B
	Vargas-Hernandez et al., 1993	B
Family Fregatidae		
<i>Fregata magnificens</i> Mathews, 1914	Villalobos, 1971	B
	Boswall, 1978	D
	Anon., 1981	AC
	Vargas-Hernandez et al., 1993	B
	Tunnell and Chapman, 2001	D, Dd, CC, CE
Order Ciconiiformes		
Family Ardeidae		
<i>Ardea alba</i> Linnaeus, 1758 (syn. <i>Casmerodius albus</i>)	Paynter, 1953	AC
	Howell, 1989	TO
<i>Ardea herodias</i> Linnaeus, 1758	Boswall, 1978	
	Howell, 1989	P
<i>Bubulcus ibis</i> Linnaeus, 1758	Boswall, 1978	P
	Anon., 1981	AC
	Howell, 1989	P, CAR, AC
<i>Butorides striata</i> Linnaeus, 1758	Boswall, 1978	P
	Howell, 1989	P
<i>Butorides virescens</i> Linnaeus, 1758	Paynter, 1953	TO, CAR, P
<i>Egretta caerulea</i> Linnaeus, 1758 (syn. <i>Florida caerulea</i>)	Anon., 1981	AC
	Howell, 1989	P
<i>Egretta thula</i> Molina, 1782 (syn. <i>Leucophoyx thula</i>)	Paynter, 1953	TO
	Howell, 1989	P
<i>Ixobrychus exilis</i> Gmelin, 1789	Boswall, 1978	P
	Howell, 1989	P
<i>Nyctanassa violacea</i> Linnaeus, 1758 (syn. <i>Nycticorax violacea</i> ; <i>N. violaceus</i>)	Paynter, 1953	P
	Boswall, 1978	P
	Anon., 1981	AC
	Howell, 1989	P
<i>Nycticorax nycticorax</i> Linnaeus, 1758	Boswall, 1978	P
Family Threskiornithidae		
<i>Eudocimus albus</i> Linnaeus, 1758	Howell, 1989	P, AC
Order Falconiformes		
Family Accipitridae		
Subfamily Pandoininae		

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<i>Pandion haliaetus</i> Linnaeus, 1758	Howell, 1989	P
Subfamily Accipitrinae		
<i>Accipiter striatus</i> Vieillot, 1808	Boswall, 1978 Howell, 1989	P P, CAR, TO, AC
<i>Circus cyaneus</i> Linnaeus, 1766	Howell, 1989	P
Family Falconidae		
Subfamily Falconinae		
<i>Falco columbarius</i> Linnaeus, 1758	Howell, 1989	P, CAR, AC
<i>Falco peregrinus</i> Tunstall, 1771	Howell, 1989	P, TO
<i>Falco sparverius</i> Linnaeus, 1758	Howell, 1989	P, CAR
Order Gruiformes		
Family Rallidae		
<i>Gallinula chloropus</i> Linnaeus, 1758	Howell, 1989	P
<i>Porphyrio martinica</i> Linnaeus, 1766 (syn. <i>Porphyryla martinica</i>)	Boswall, 1978 Howell, 1989	P P
<i>Porzana carolina</i> Linnaeus, 1758	Howell, 1989	P
Order Charadriiformes		
Family Charadriidae		
Subfamily Charadriinae		
<i>Charadrius alexandrinus</i> Linnaeus, 1758	Ardisson and Durán-Nájera, 1997	AL
<i>Charadrius semipalmatus</i> Bonaparte, 1825	Ardisson and Durán-Nájera, 1997	AL
<i>Charadrius wilsonia</i> Ord, 1814	Ardisson and Durán-Nájera, 1997	AL
<i>Pluvialis squatarola</i> Linnaeus, 1758 (syn. <i>Squatarola squatarola</i>)	Paynter, 1953 Boswall, 1978 Anon., 1981 Howell, 1989	P P AC P
Family Recurvirostridae		
<i>Himantopus mexicanus</i> Muller, 1776	Boswall, 1978	P
Suborder Scolopaci		
Family Scolopacidae		
Subfamily Scolopacinae		
<i>Actitis macularius</i> Linnaeus, 1766	Paynter, 1953 Boswall, 1978	AC, TO P
<i>Arenaria interpres</i> Linnaeus, 1758 (syn. <i>A. interpres morinella</i>)	Paynter, 1953 Villalobos, 1971	CAR, P, Pj, Dd B

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	Boswall, 1978	P
	Anon., 1981	AC
	Howell, 1989	P, CAR, AC
	Vargas-Hernandez et al., 1993	B
<i>Bartramia longicauda</i> Bechstein, 1812	Howell, 1989	CAR
<i>Calidris alba</i> Pallas, 1764 (syn. <i>Crocethia alba</i>)	Paynter, 1953	AC, P
	Boswall, 1978	P
	Anon., 1981	AC
	Howell, 1989	P, AC
<i>Calidris canutus</i> Linnaeus, 1758	Ardisson and Durán-Nájera, 1997	AL
<i>Calidris fuscicollis</i> Vieillot, 1819	Boswall, 1978	P
<i>Calidris mauri</i> Cabanis, 1857 (syn. <i>Ereunetes mauri</i>)	Paynter, 1953	AC
	Howell, 1989	P
<i>Calidris minutilla</i> Vieillot, 1819	Boswall, 1978	P
	Howell, 1989	P
<i>Catotrophorus semipamatus</i> Gmelin, 1789	Boswall, 1978	P
	Anon., 1981	AC
	Howell, 1989	P
<i>Calidris</i> sp.	Boswall, 1978	P
<i>Gallinago gallinago</i> Linnaeus, 1758 (syn. <i>Capella gallinago</i>)	Boswall, 1978	P
	Howell, 1989	P
<i>Limnodromus griseus</i> Gmelin, 1789	Boswall, 1978	P
	Howell, 1989	P
<i>Tringa flavipes</i> Gmelin, 1789	Boswall, 1978	P
	Howell, 1989	P
<i>Tringa melanoleuca</i> Gmelin, 1789	Boswall, 1978	P
	Howell, 1989	TO
<i>Tringa solitaria</i> Wilson, 1813	Howell, 1989	P
Family Laridae		
Subfamily Stercorariinae		
<i>Stercorarius pomarinus</i> Temminck, 1815	Howell, 1989	CAR
Subfamily Larinae		
<i>Larus argentatus</i> Pontoppidan, 1763	Anon., 1981	AC
	Howell, 1989	P
<i>Larus atricilla</i> Linnaeus, 1758	Boswall, 1978	P
	Anon., 1981	AC
	Tunnell and Chapman, 2001	C, D, Dd

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<i>Larus pipixian</i> Wagler, 1831	Villalobos, 1971	B
	Vargas-Hernandez et al., 1993	B
Subfamily Sterninae		
<i>Anous stolidus</i> Linnaeus, 1758	Boswall, 1978	P
	Tunnell and Chapman, 2001	P
<i>Chlidonias niger</i> Linnaeus, 1758	Villalobos, 1971	B
	Boswall, 1978	D
	Vargas-Hernandez et al., 1993	B
<i>Sterna albifrons</i> Pallas, 1764 (syn. <i>S. albifrons antillarum</i>)	Villalobos, 1971	B
	Vargas-Hernandez et al., 1993	B
<i>Sterna anaethetus</i> Scopoli, 1786 (syn. <i>S. anaetheta</i>)	Villalobos, 1971	B
	Vargas-Hernandez et al., 1993	B
<i>Sterna forsteri</i> Nuttall, 1834	Howell, 1989	P
<i>Sterna fuscata</i> Linnaeus, 1766	Boswall, 1978	P
	Anon., 1981	AC
	Tunnell and Chapman, 2001	P, D
<i>Sterna maxima</i> Boddaert, 1783	Boswall, 1978	P
	Anon., 1981	AC
	Tunnell and Chapman, 2001	C
<i>Sterna sandvicensis</i> Latham, 1787	Boswall, 1978	P
	Anon., 1981	AC
	Tunnell and Chapman, 2001	C
Subfamily Rynchopinae		
<i>Rynchops niger</i> Linnaeus, 1758 (syn. <i>R. nigra</i>)	Boswall, 1978	P
	Howell, 1989	P
Order Columbiformes		
Family Columbidae		
<i>Zenaida asiatica</i> Linnaeus, 1758	Howell, 1989	P
<i>Zenaida aurita</i> Temminck, 1810	Ardisson and Durán-Nájera, 1997	AL
<i>Zenaida macroura</i> Linnaeus, 1758	Howell, 1989	P
Order Cuculiformes		
Family Cuculidae		
Subfamily Coccyzinae		
<i>Coccyzus americanus</i> Linnaeus, 1758	Paynter, 1953	AC, P
	Boswall, 1978	P
	Howell, 1989	P
Order Caprimulgiformes		
Family Caprimulgidae		

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Subfamily Chordeilinae		
<i>Chordeiles</i> sp.	Howell, 1989	P
Subfamily Caprimulginae		
<i>Caprimulgus carolinensis</i> Gmelin, 1789	Howell, 1989	P
Order Apodiformes		
Family Apodidae		
<i>Chaetura pelagica</i> Linnaeus, 1758	Ardisson and Durán-Nájera, 1997	AL
Family Trochilidae		
Subfamily Trochilinae		
Trochilidae sp.	Boswall, 1978	P
Order Coraciiformes		
Family Alcedinidae		
Subfamily Cerylinae		
<i>Ceryle alcyon</i> Linnaeus, 1758 (syn. <i>Megaceryle alcyon</i>)	Paynter, 1953	TO, P
	Boswall, 1978	P
	Howell, 1989	P
Order Piciformes		
Family Picidae		
<i>Sphyrapicus varius</i> Linnaeus, 1766	Ardisson and Durán-Nájera, 1997	AL
Order Passeriformes		
Suborder Tyranni		
Family Tyrannidae		
Tyrannidae sp.	Boswall, 1978	P
Subfamily Fluvicolinae		
<i>Contopus virens</i> Linnaeus, 1766	Paynter, 1953	AC, TO, P, Pj
	Boswall, 1978	P
	Howell, 1989	P
<i>Empidonax minimus</i> Baird & Baird, 1843	Paynter, 1953	AC
	Howell, 1989	P
<i>Sayornis phoebe</i> Latham, 1790	Boswall, 1978	P
Subfamily Tyranninae		
<i>Myiarchus crinitus</i> Linnaeus, 1758	Howell, 1989	P
<i>Tyrannus forficatus</i> Gmelin, 1789	Howell, 1989	P
<i>Tyrannus tyrannus</i> Linnaeus, 1758	Paynter, 1953	AC, TO, CAR, P
	Boswall, 1978	P
	Howell, 1989	P
Family Vireonidae		

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<i>Vireo griseus</i> Boddaert, 1783	Howell, 1989	P
<i>Vireo olivaceus</i> Linnaeus, 1766	Paynter, 1953	AC, P
	Boswall, 1978	P
	Howell, 1989	CAR
<i>Vireo philadelphicus</i> Cassin, 1851	Howell, 1989	P
Family Hirundinidae		
Subfamily Hirundininae		
<i>Hirundo rustica</i> Linnaeus, 1758 (syn. <i>H. rustica erythrogaster</i>)	Paynter, 1953	AC, TO, CAR, P, Pj, Dd
	Boswall, 1978	P
	Howell, 1989	P, CAR, TO, AC
<i>Petrochelidon pyrrhonata</i> Vieillot, 1817 (syn. <i>Hirundo pyrrhonata</i>)	Boswall, 1978	P
	Howell, 1989	P
<i>Progne subis</i> Linnaeus, 1758	Boswall, 1978	P
	Paynter, 1953	AC, TO, P
<i>Riparia riparia</i> Linnaeus, 1758	Paynter, 1953	AC, P
	Boswall, 1978	P
	Howell, 1989	P
<i>Stelgidopteryx serripennis</i> Audubon, 1838	Howell, 1989	P
<i>Tachycineta albilinea</i> Lawrence, 1863	Ardisson and Durán-Nájera, 1997	AL
Family Regulidae		
<i>Regulus calendula</i> Linnaeus, 1766	Howell, 1989	P
Family Turdidae		
<i>Catharus fuscescens</i> Stephens, 1817 (syn. <i>Hylocichla fuscescens</i>)	Paynter, 1953	AC
<i>Catharus ustulatus</i> Nuttall, 1840	Howell, 1989	P, TO
<i>Catharus</i> sp.	Howell, 1989	P
<i>Hylocichla mustelina</i> Gmelin, 1789	Paynter, 1953	TO
	Howell, 1989	P
Turdidae sp.	Boswall, 1978	P
Family Mimidae		
<i>Dumetella carolinensis</i> Linnaeus, 1766	Howell, 1989	P, CAR
Family Parulidae		
<i>Dendroica caerulescens</i> Gmelin, 1789	Boswall, 1978	P
	Howell, 1989	P
<i>Dendroica cerulea</i> Wilson, 1810	Paynter, 1953	P
	Boswall, 1978	P
<i>Dendroica coronata</i> Linnaeus, 1766	Ardisson and Durán-Nájera, 1997	AL

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<i>Dendroica dominica</i> Linnaeus, 1766	Paynter, 1953	AC
	Howell, 1989	P
<i>Dendroica fusca</i> Muller, 1776	Paynter, 1953	CAR
<i>Dendroica magnolia</i> Wilson, 1811	Paynter, 1953	AC
	Howell, 1989	P, CAR, TO
<i>Dendroica palmarum</i> Gmelin, 1789	Boswall, 1978	Dd
	Howell, 1989	P, CAR
<i>Dendroica pensylvanica</i> Linnaeus, 1766	Howell, 1989	P
<i>Dendroica petechia</i> Linnaeus, 1766	Boswall, 1978	P
	Howell, 1989	P
<i>Dendroica petechia aestiva</i>	Paynter, 1953	AC
<i>Dendroica trigrina</i> Gmelin, 1789	Howell, 1989	P, TO
<i>Dendroica virens</i> Gmelin, 1789	Howell, 1989	P, CAR
<i>Geothlypis trichas</i> Linnaeus, 1766	Howell, 1989	P, CAR
<i>Mniotilta varia</i> Linnaeus, 1766	Paynter, 1953	AC, CAR
	Boswall, 1978	P
	Howell, 1989	P, CAR
<i>Oporornis formosus</i> Wilson, 1811	Paynter, 1953	AC
	Boswall, 1978	P
<i>Parula americana</i> Linnaeus, 1758	Paynter, 1953	P
	Boswall, 1978	P
	Howell, 1989	P
<i>Protonotaria citrea</i> Boddaert, 1783	Paynter, 1953	AC, CAR
	Boswall, 1978	P
<i>Seiurus aurocapilla</i> Linnaeus, 1766	Paynter, 1953	AC, P
	Boswall, 1978	P
	Howell, 1989	P
<i>Seiurus noveboracensis</i> Gmelin, 1789	Paynter, 1953	AC, TO, CAR, P
	Boswall, 1978	P
	Howell, 1989	P
<i>Setophaga ruticilla</i> Linnaeus, 1758	Paynter, 1953	AC, CAR, P
	Boswall, 1978	P
	Howell, 1989	P, CAR
<i>Vermivora chrysoptera</i> Linnaeus, 1766	Paynter, 1953	AC, P
	Boswall, 1978	P
<i>Vermivora peregrina</i> Wilson, 1811	Howell, 1989	P
<i>Vermivora ruficapilla</i> Wilson, 1811	Howell, 1989	P
<i>Wilsonia citrina</i> Boddaert, 1783	Paynter, 1953	AC, TO, P
	Boswall, 1978	P
	Howell, 1989	P, CAR

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<i>Wilsonia pusilla</i> Wilson, 1811	Boswall, 1978 Howell, 1989	P P
Family Thraupidae		
<i>Piranga olivacea</i> Gmelin, 1789	Howell, 1989	P
<i>Piranga rubra rubra</i> Linnaeus, 1758	Paynter, 1953	AC, TO
Family Emberizidae		
<i>Chondestes grammacus</i> Say, 1823	Boswall, 1978	AL
<i>Passerculus sandwichensis</i> Gmelin, 1789	Howell, 1989	P
<i>Zonotrichia leucophrys</i> Forster, 1772	Howell, 1989	P
Family Cardinalidae		
<i>Passerina caerulea</i> (syn. <i>Guiraca caerulea</i> (Linnaeus, 1758))	Howell, 1989	P
<i>Passerina cyanea</i> Linnaeus, 1766	Howell, 1989	P, AC
<i>Pheucticus ludovicianus</i> Linnaeus, 1766	Howell, 1989	P
<i>Spiza americana</i> Gmelin, 1789	Howell, 1989	P
Family Icteridae		
<i>Dolichonyx oryzivorus</i> Linnaeus, 1758	Boswall, 1978	P
<i>Icterus galbula</i> Linnaeus, 1758	Paynter, 1953 Boswall, 1978	CAR P
<i>Icterus spurius</i> Linnaeus, 1766	Ardisson and Durán-Nájera, 1997	AL
<i>Xanthocephalus xanthocephalus</i> Bonaparte, 1826	Howell, 1989	CAR