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Northern Marshall Islands Expedition,
1951-1952. Land biota: Vascular plants.

by

F. R. Fosberg

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Northern Marshall Islands Expedition,^{1,2}
1951-1952. Land biota: Vascular plants.

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2/ Preliminary results of the Expedition to the Northern Marshall Islands, 1951-1952, no.2.

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Following the narrative of the expedition to the northern Marshalls made in 1951 and 1952, it seems worth while to present the raw data collected in a series of preliminary papers, to make them available for general use and reference without waiting until they are completely studied and interpreted. Formal publication of a more permanent character is planned as detailed studies are completed. This paper presents distributional and ecological records, as well as native names, of the vascular plants collected on the expedition. To these have been added records from the author's 1946 and 1950 collections, a few Wake Island collections made in 1953, and a few miscellaneous collections by others. Other significant collections from the northern Marshalls, not included here, are those of Wm. Randolph Taylor, published by him in his "Plants of Bikini," those made by Adelbert de Chamisso while on the Kotzebue Expedition, and those made on several trips by Harold St. John, mostly as yet unpublished.

The Marshallese plant names are recorded here in the form in which they were written down in the field, an attempt being made to reproduce the sounds as heard. Thus, they include, sometimes, a number of variants of the same word which simply indicate differences in the way the word was heard. No attempt has been made to edit these names according to any of the existing Marshallese orthographies. As this series of papers is intended to preserve raw data, it is felt that the names will be of more use exactly as recorded. When a definitive flora of the Marshalls is written, a more satisfactory orthographic form should be sought.

Place names are given as they appear on the labels of the collections, with an occasional correction given in parentheses. Thus the localities for the 1946 and 1950 collections are given, generally, as on the Hydrographic Office charts, whereas those for the 1951 and 1952 collections are given according to the revised list of names supplied by Mr. E. H. Bryan and Mr. Leonard Mason of Honolulu, as a result of their work on the Marshall Islands Atlas (unpublished).

The determinations of the plants are all by the author. They represent the present state of the taxonomy of these species. Some of them are in need of revision and may later be changed. All of the Marshallese Pandanus are here referred to P. tectorius Parkinson, as the numerous "species" that have been described or recorded from these islands are considered to be, actually, nothing more than horticultural forms and genetic segregates. One or two plants are determined to genus only, either because the species has not yet been described, or because the material

available or the state of the classification is such that convincing specific identification is at present impossible. No new taxa are described and no nomenclatural changes are made in this paper.

Collection numbers cited are from the author's consecutive series except those few definitely ascribed to other collectors. This series applies only to plants.

Polypodium scolopendria Burm.f.

Utirik Atoll: Utirik Islet, 33674. Taka Atoll: Taka Islet, 33723. Likiep Atoll: Likiep Islet, 27010; Lado Islet, 33789. Ailuk Atoll: Akulwe Islet, 33913. Lae Atoll: Lae Islet, 33994. Kwajalein Atoll: Enewetak Islet, 34135. Ujelang Atoll: Bioto Islet, 34144. Wotho Atoll: Wotho Islet, 34237. Ujae Atoll: Bock Islet, 34328.

Indigenous. Common, mainly terrestrial but found also on the bases of coconut trees and, more rarely, on the lower trunks of other trees, principally in coconut plantations and mixed forest. Marshallese: "kino."

Pandanus tectorius Park.

Utirik Atoll: Utirik Islet, 33697. Taka Atoll: Taka Islet, 33725. Likiep Atoll: Likiep Islet, 27047; Aikini (Aekone) Islet, 27048, 27055; Lado Islet, 33318. Jemo Island: 33900, 33905, 33906. Ailuk Atoll: Ailuk Islet, 33927. Lae Atoll: Loj Islet, 34040. Kwajalein: Bennett (Bikej) Islet, Islet, 26496; Enewetak Islet, 34131. Ujelang Atoll: Ujelang Islet, 34212. Wotho Atoll: Wotho Islet, 34280. Ujae Atoll: Bock Islet, 34346. Bikar Atoll: Bikar Islet, 34568. Eniwetok Atoll: Japtan Islet, 24317.

Of aboriginal introduction (?). Many varieties, both wild and planted, the latter used as food and thatch. The varieties differ mainly in fruit size, shape, juiciness, flavor, and other edible qualities. Planted forms usually around villages and forming a second story in coconut groves, wild ones in mixed forest, rarely in pure stands. Marshallese: "bop."

Thalassia hemprichii (Ehrb.) Aschers.

Ujelang Atoll: Ujelang Islet, 34189.

Indigenous. Forms a thin sod at low tide level on lagoon beach on the east end of Ujelang Islet, Ujelang Atoll; otherwise unknown in the northern Marshalls.

Cenchrus brownii R. & S.

Wake Atoll: Peale Islet, 34929.

Introduced weed. Common locally.

Cenchrus echinatus L.

Wake Atoll: Wake Islet, 33624, 34477. Utirik Atoll: Utirik Islet, 33665. Jemo Island: 33868. Kwajalein Atoll: Kwajalein Islet, 26486, 34140; Bennett (Bikej) Islet, 26504. Ujae Atoll: Ujae Islet, 34310. Eniwetok Atoll: Eniwetok Islet, 24300; Japtan Islet, 24324; Engebe Islet, 24378. Likiep Atoll: Likiep Islet, 27036.

Introduced weed. In open, sandy disturbed areas, especially around villages and military establishments, and in thin coconut plantations. In places very abundant. Marshallese: "lek e lek."

Chloris inflata Link

Kwajalein Atoll: Bennett (Bikej) Islet, 26522, 31202; Kwajalein Islet, 31187. Eniwetok Atoll: Engebe Islet, 24407. Wake Atoll: Peale Islet, 34928.

Introduced weed. In disturbed places where there have been military operations.

Cynodon dactylon (L.) Pers.

Wake Atoll: Wake Islet, 34450; Peale Islet, 34931. Eniwetok Atoll: Eniwetok Islet, 24292; Engebe Islet, 24379. Kwajalein Atoll: Kwajalein Islet, 26489.

Introduced weed. Common in open places around military establishments, persisting from plantings made in 1945-46, when there was concern about revegetation of the devastated areas.

Dactyloctenium aegyptium (L.) Richt.

Wake Atoll: Wake Islet, 33617. Kwajalein Atoll: Kwajalein Islet, 31188.

Introduced weed. Occasional in open disturbed places around military establishments.

Digitaria microbachne (Presl) Henr.

Likiep Atoll: Lado Islet, 33790; Likiep Islet, 27018. Jemo Island, 33870. Ailuk Atoll: Ailuk Islet, 33946. Lae Atoll: Loj Islet, 34050. Wotho Atoll: Wotho Islet, 34240. Ujae Atoll: Bock Islet, 34363. Kwajalein Atoll: Kwajalein Islet, 31161, 26475; Bennett (Bikej) Islet, 26498. Eniwetok Atoll: Japtan Islet, 24340; Aomon Islet, 24355; Eniwetok Islet, 24369; Engebe Islet, 24373.

Introduced (?) weed. Occasional to common in coconut plantations. Marshallese: "ujoiij," "ujos kulkuli," "inikan pueue."

Digitaria timorensis (Kunth) Bal.

Utirik Atoll: Utirik Islet, 33664. Taka Atoll: Taka Islet, 33751.

Introduced weed. Villages and plantations. Marshallese: "ujoiij."

Eleusine indica (L.) Gaertn.

Wake Atoll: Wake Islet, 33623, 34482. Utirik Atoll: Utirik Islet, 33663. Ailuk Atoll: Ailuk Islet, 33971. Lae Atoll: Lae Islet, 34060. Ujelang Atoll: Ujelang Islet, 34182. Wotho Atoll: Wotho Islet, 34235. Ujae Atoll: Ujae Islet, 34309. Eniwetok Atoll: Eniwetok Islet, 24289; Japtan Islet, 24320; Engebe Islet, 24384. Kwajalein Atoll: Kwajalein Islet, 26485; Bennett (Bikej) Islet, 26517. Likiep Atoll: Likiep Islet, 27013. Jemo Island, 33876.

Introduced weed. Common around villages and in disturbed places. Marshallese: "ujoiij." A giant form occasional in openings in coconut plantations on Jemo Island (33876) is possibly only a response to abundant phosphate in soil.

Eragrostis amabilis (L.) W. & A.

Utirik Atoll: Utirik Islet, 33653. Likiep Atoll: Lado Islet, 33791; Likiep Islet, 27017. Jemo Island, 33875. Ailuk Atoll: Ailuk Islet, 33944. Lae Atoll: Lae Islet, 34065. Ujelang Atoll: Raej Islet, 34153. Wotho Atoll: Wotho Islet, 34230. Ujae Atoll: Ujae Islet, 34305. Wake Atoll: Wake Islet, 34459. Eniwetok Atoll: Eniwetok Islet, 24290; Japtan Islet, 24344; Aomon Islet, 24347; Engebe Islet, 24387. Kwajalein Atoll: Kwajalein Islet, 26483; Bennett (Bikej) Islet, 26505.

Introduced weed. Very common around villages, in disturbed places, and in coconut groves. Marshallese: "ujoiij," "ujos."

Eragrostis poaeoides Beauv.

Wake Atoll: Wake Islet, 34458.

Introduced weed. On bare ground near air strip. Not previously known from the Pacific Islands.

Lepturus repens (Forst, f.) R.Br.

Wake Atoll: Wake Islet, 33627, 34950, 34462; Peale Islet, 34941, 34942, 34943, 34944. Utirik Atoll: Utirik Islet, 33861. Taka Atoll: Taka Islet, 33732. Jemo Island: 33864. Ailuk Atoll: Ailuk Islet, 33923. Lae Atoll: Lae Islet, 34064. Ujelang Atoll: Ujelang Islet, 34173. Wotho Atoll: Wotho Islet, 34271. Ujae Atoll: Bock Islet, 34359; Rua Islet, 34378. Pokak Atoll: Sibylla Islet, 34504; Kamome Islet, 34506, 34509. Bikar Atoll: Bikar Islet, 34571; Jaliklik Islet, 34577. Eniwetok Atoll: Eniwetok Islet, 24298; Japtan Islet, 24325; Aomon Islet, 24353; Engebe Islet, 24395. Kwajalein Atoll: Kwajalein Islet, 26477; Bennett (Bikej) Islet, 26510. Likiep Atoll: Likiep Islet, 26995.

Indigenous. A very common grass, found in open places, in plantations and forests, but mostly confined to places with at least some sand or fine gravel. Extremely variable in habit and luxuriance, with great latitude in tolerance of different moisture conditions. Pioneer species on newly deposited sand and fine gravel. Marshallese: "ujoj," "ujos aitok" (Eniwetok), "ujuj."

Lepturus sp. ^{1/}

Pokak Atoll: Kamome Islet, 34511. Wake Atoll: Peale Islet, 34940.

Indigenous. A form with extremely coarse habit. Probably a distinct species, found only very locally on open gravel, growing with, but not intergrading with, Lepturus repens. Apparently endemic to Pokak and Wake Atolls. Common on Pokak only on a part of Kamome Islet, and on Wake only in a small area on the west end of Peale Islet.

Paspalum vaginatum Sw.

Likiep Atoll: Likiep Islet, 33854, 27039. Kwajalein Atoll: Kwajalein Islet, 34123, 31189; Ebeye Islet, 31207. Wake Atoll: Peale Islet, 34932; Wake Islet, 34949. Ailuk Atoll: Ailuk Islet, 33969a.

Introduced weed. In open places and especially luxuriant in taro pits. An aggressive weed, recently introduced but spreading rapidly, forming a dense tough sod. Possibly responsible for the failure of the revival of taro culture in the northern Marshalls.

Setaria verticillata (L.) Beauv.

Wake Atoll: Wake Islet, 34470. Eniwetok Atoll: Japtan Islet, 24327; Engebe Islet, 24392.

Introduced weed. In disturbed places, not yet common.

Sorghum vulgare var. technicum (Koern.) Fiori & Paoli

Eniwetok Atoll: Engebe Islet, 24383.

Introduced. Apparently persisting from planting by Japanese, rare when collected, probably not a permanent member of the flora.

^{1/} See Fosberg, F. R., The Pacific forms of Lepturus R. Br. (Gramineae). Occ. Pap. Bishop Mus. 1955 (in press).

Stenotaphrum micranthum (Desv.) Hubb.

Ujelang Atoll: Ujelang Islet, 34200, 34201.

Introduced weed. A widespread but not common Pacific species, found here for the first time in the Marshall Islands, growing along paths in coconut plantation.

Thuarea involuta (Forst.) R. & S.

Utirik Atoll: Utirik Islet, 33692. Likiep Atoll: Lado Islet, 33841; Likiep Islet, 26993. Ailuk Atoll: Ailuk Islet, 33922. Lae Atoll: Lae Islet, 34020. Ujelang Atoll: Ujelang Islet, 34174. Wotho Atoll: Wotho Islet, 34238. Ujae Atoll: Ujae Islet, 34300; Bock Islet, 34360. Eniwetok Atoll: Eniwetok Islet, 24295; Japtan Islet, 24341; Acomon Islet, 24354. Kwajalein Atoll: Kwajalein Islet, 26474; Bennett (Bikej) Islet, 26524.

Indigenous. In sandy places, shaded or in the open, locally very common, forming a soft green ground cover. Marshallese: "ujoiij," "ujuj," "ujos maroro" (Eniwetok).

Tricachne insularis (L.) Nees

Wake Atoll: Wake Islet, 34476. Eniwetok Atoll: Japtan Islet, 24328. Kwajalein Atoll: Bennett (Bikej) Islet, 26502.

Introduced weed. Occasional in disturbed places around abandoned military installations.

Cyperus compressus L.

Kwajalein Atoll: Kwajalein Islet, 31189.

Introduced weed in disturbed places.

Cyperus javanicus Houtt.

Likiep Atoll: Likiep Islet, 33859, 26989.

Indigenous(?). Rare around village. Marshallese: "sāpāsāp."

Cyperus odoratus L.

Likiep Atoll: Lado Islet, 33845; Likiep Islet, 27043. Ailuk Atoll: Ailuk Islet, 33967. Lae Atoll: Lae Islet, 34014. Wotho Atoll: Wotho Islet, 34260. Kwajalein Atoll: Kwajalein Islet, 31172, 26484.

Introduced (?) weed. Common in taro pits and other wet places.

Cyperus rotundus L.

Kwajalein Atoll: Kwajalein Islet, 31200. Wake Atoll: Peale Islet, 34933; Wake Islet, 34948.

Introduced weed in gardens.

Eleocharis geniculata (L.) R. & S.

Likiep Atoll: Lado Islet, 33825. Ailuk Atoll: Ailuk Islet, 33969.

Introduced (?) weed. In taro pits.

Fimbristylis spathacea Roth

Wotho Atoll: Wotho Islet, 34259, 34272. Wake Atoll: Wake Islet, 33619, 34457, 34478. Utirik Atoll: Utirik Islet, 33642. Taka Atoll: Taka Islet, 33737. Likiep Atoll: Lado Islet, 33835. Ailuk Atoll: Ailuk Islet, 33941. Lae Atoll: Lae Islet, 34062. Ujelang Atoll: Raej Islet, 34154. Ujae Atoll: Bock Islet, 34327. Kwajalein Atoll: Bennett (Bikej) Islet, 31204, 26518; Kwajalein Islet, 26483. Likiep Atoll: Likiep Islet, 27016.

Indigenous. Common to abundant in open places, coconut plantations and mixed woods, variable in habit, tolerant of a great range of moisture conditions. Pioneer in disturbed places. Marshallese: "derelij'man," "dralij'man," "perelijman," "ujoj maroro," "berejisman."

Cocos nucifera L.

Jemo Island: 33899. Eniwetok Atoll: Igurin Islet, 24316.

Introduced. Planted in large numbers on all atolls except Pokak and Wake. Dominant in the most extensive vegetation type. Marshallese "ni."

Alocasia macrorrhiza (L.) Schott

Ailuk Atoll: Ailuk Islet, 33970. Ujelang Atoll: Bioto Islet, 34145.

Of aboriginal introduction. Planted around villages, and spontaneous in coconut plantations, also a weed in taro pits. Marshallese: "wot," "wat."

Colocasia esculenta (L.) Schott

Lae Atoll: Lae Islet, 34013.

Of aboriginal introduction. Rare, persisting in taro pits. Marshallese: "katak."

Cyrtosperma chamissonis (Schott) Merr.

Ailuk Atoll: Ailuk Islet, 33968. Wotho Atoll: Wotho Islet, 34261.

Ujae Atoll: Ujae Islet, 34302. Likiep Atoll: Likiep Islet, 27040.

Of aboriginal introduction. Planted and persisting in taro pits. Marshallese: "iarij" or "iarej."

Rhoeo discolor (L'Her.) Hance

Ailuk Atoll: Ailuk Islet, 33974.

Introduced. Rare garden plant.

Agave sisalana Perr.

Jemo Island: 33862. Likiep Atoll: Aikini (Aekōne) Islet, 27050 (?).

Introduced. Rarely planted.

Crinum procerum Carey

Utirik Atoll: Utirik Islet, 33686. Likiep Atoll, Lado Islet, 33820.

Ailuk Atoll: Ailuk Islet, 33956. Wotho Atoll: Wotho Islet, 34278, 34225(?).

Of aboriginal introduction (?). Widely planted and persisting. Marshallese: "kiep," "kieb."

Crinum rumphii Merr.

Lae Atoll: Loj Islet, 34051. Ujelang Atoll: Ujelang Islet, 34197.

Ujae Atoll: Ujae Islet, 34311 (?); Boek Islet, 34345.

Of aboriginal introduction (?). Widely planted and persisting. Marshallese: "kiep," "kieb."

Crinum asiaticum L. (?)

Likiep Atoll: Likiep Islet, 27001.

Introduced. Planted. Marshallese: "kieb."

Hymenocallis littoralis (Jacq.) Salisb.

Ailuk Atoll: Ailuk Islet, 33976. Lae Atoll: Lae Islet, 34093.
Ujelang Atoll: Ujelang Islet, 34185. Ujae Atoll: Ujae Islet, 34284. Likiep Atoll: Likiep Islet, 26992.

Introduced. Planted in villages. Marshallese: "kiep," "small kiep."

Zephyranthes rosea (Spreng.) Lind.

Likiep Atoll: Likiep Islet, 27033.

Introduced. Planted around dwellings.

Tacca leontopetaloides (L.) O.Ktze.

Utirik Atoll: Utirik Islet, 33695. Likiep Atoll: Lado Islet, 33839; Likiep Islet, 27000. Jemo Island: 33877. Ailuk Atoll: Ailuk Islet, 33938. Lae Atoll: Lae Islet, 34009. Ujelang Atoll: Ujelang Islet, 34206. Wotho Atoll: Wotho Islet, 34242. Ujae Atoll: Ujae Islet, 34288; Ebeju Islet, 34398. Eniwetok Atoll: Japtan Islet, 24333. Kwajalein Atoll: Bennett (Bikej) Islet, 26493.

Of aboriginal introduction (?). Abundant and spontaneous in coconut plantations, especially so on Utirik and Ailuk Atolls. Tubers used for food, especially in northern atolls. Marshallese: "mckemok," "mokmok."

Musa sapientum L.

Ailuk Atoll: Ailuk Islet, 33965. Lae Atoll: Lae Islet, 34021. Ujae Atoll: Ujae Islet, 34287. Kwajalein (not collected).

Introduced. Planted in shaded and sheltered places, especially on Ujae. Becoming chlorotic when exposed to salt spray. Marshallese: "banana."

Peperomia sp.

Lae Atoll: Lae Islet, 34027.

Indigenous. Very rare, one colony on rocks in Barringtonia forest: first record from northern Marshalls. Marshallese: "rabikiaga."

Fleurya ruderalis (Forst.) Gaud. ex Wedd.

Utirik Atoll: Utirik Islet, 33679. Taka Atoll: Taka Islet, 33744; Watwerok Islet, 33764. Likiep Atoll: Likiep Islet, 27004; Lado Islet, 33794. Jemo Island: 33880. Ailuk Atoll: Ailuk Islet, 33939. Lae Atoll: Lae Islet, 34030. Ujelang Atoll: Ujelang Islet, 34175. Ujae Atoll: Bock Islet, 34341. Eniwetok Atoll: Japtan Islet, 24321; Engebe Islet, 24399.

Indigenous. Common locally, especially in very rocky places with little soil, principally in the shade but also in full sun. Marshallese: "nen kutekut."

Pipturus argenteus (Forst.) Wedd.

Lae Atoll: Loj Islet, 34047. Kwajalein Atoll: Enebuoj Islet, 34129; Bennett (Bikej) Islet, 26509. Ujelang Atoll: Ujelang Islet, 34176. Ujae Atoll: Ujae Islet, 34299.

Indigenous. Common in mixed forest and thickets, as well as in undergrowth in coconut plantations in the southern tier of atolls of the northern Marshalls. Marshallese: "arame," "arame," or "arume."

Artocarpus altilis (Park.) Fosb.

Utirik Atoll: Utirik Islet, 33683, 33691. Likiep Atoll: Lado Islet, 33840; Aikini (Aekōne) Islet, 27054. Jemo Island: 33901. Ailuk Atoll: Ailuk Islet, 33924, 33957, 33980. Lae Atoll: Lae Islet, 33992, 34091.

Ujelang Atoll: Ujelang Islet, 34198. Wotho Atoll: Wotho Islet, 34233.
Ujae Atoll: Bock Islet, 34361; Ujae Islet, 34417. Eniwetok (Oakley).

Introduced. Planted, the seeded form possibly spontaneous, around villages and houses and in coconut plantations on the lagoonward half or two thirds of islets, especially from Ailuk south. Two forms, one with seeds, the other seedless. Trees were found growing within 15 m. of passage and lagoon beaches, without apparent ill effects. None were found close to the outer beach. Marshallese: "mä," "mei," "me."

Ximения americana L.

Lae Atoll: Lwejap Islet, 34073. Ujae Atoll: Ebeju Islet, 34399, 34400, 34383. Eniwetok Atoll: Japtan Islet, 24319.

Indigenous. Rare in thickets and in undergrowth in plantations. Marshallese: "kailikelik," "kalikelik."

Coccoloba uvifera L.

Wake Atoll: Wake Islet, 34471; Peale Islet, 34935. Kwajalein Atoll: Ebeje Islet, 31212.

Introduced. Occasionally planted around American installations.

Boerhavia diffusa L.

Wake Atoll: Wake Islet, 33626, 34453, 34946. Utirik Atoll: Utirik Islet, 33680. Taka Atoll: Taka Islet, 33743, 33748; Watwerok Islet, 33765. Ailuk Atoll: Ailuk Islet, 33931. Kwajalein Atoll: Enewetak Islet, 34136. Pokak Atoll: Breje Islet, 34503; Kamome Islet, 34517, 34546. Bikar Atoll: Bikar Islet, 34572. Eniwetok Atoll: Igurin Islet, 24306; Japtan Islet, 24334; Aomon Islet, 24356. Likiep Atoll: Likiep Islet, 27006; Aikini (Aekōne) Islet, 27058. Jemo Island: 33879.

Indigenous. Common, especially in rocky and sandy places, not too much shaded; more abundant in the drier northern atolls. Apparently occasionally hybridizes or intergrades with B. tetrandra (33748, 34136, 24306, 24356). Marshallese: "matok" (Eniwetok), "rebijraka."

Boerhavia form with leaves as in B. mutabilis R. Br.

Wake Atoll: Wake Islet, 34947.

Introduced? Common locally on coral sand and gravel.

Boerhavia tetrandra Forst.f.

Utirik Atoll: Utirik Islet, 33644. Taka Atoll: Taka Islet, 33746; Watwerok Islet, 33761, 33762 (hybrid?). Jemo Island: 33881. Ailuk Atoll: Ailuk Islet, 33937. Lae Atoll: Bikenaj Islet, 34074, 34076. Ujelang Atoll: Bokan Islet, 34163. Wotho Atoll: Wotho Islet, 34277. Ujae Atoll: Bock Islet, 34320. Wake Atoll: Wake Islet, 34454. Eniwetok Atoll: Aomon Islet, 24362; Engebe Islet, 24394. Likiep Atoll: Aikini (Aekōne) Islet, 27057.

Indigenous. Common in rocky or gravelly, even sandy places, especially in the open, also in open coconut groves. Apparently intergrades or hybridizes with B. diffusa (33746, 34074, 34076, 24362, 24394, 27057, 33881). Marshallese: "nät'to," "perial," "matok aitok" (Eniwetok).

Mirabilis jalapa L.

Utirik Atoll: Utirik Islet, 33657. Ailuk Atoll: Ailuk Islet, 33960. Eniwetok Atoll: Eniwetok Islet, 24370. Likiep Atoll: Likiep Islet, 27029.

Introduced. Planted in gardens and around houses and graves.

Pisonia grandis R.Br.

Utirik Atoll: Utirik Islet, 33676. Taka Atoll: Taka Islet, 33735. Likiep Atoll: Lado Islet, 33852; Aikini (Aekōne) Islet, 27052. Jemo Island: 33895, 33898. Ailuk Atoll: Akulwe Islet, 33910. Lae Atoll: Lae Islet, 34026. Ujelang Atoll: Ujelang Islet, 34208. Wotho Atoll: Wotho Islet, 34263, 34268; Ombelim Islet, 34430. Ujae Atoll: Bock Islet, 34336, 34337. Pokak Atoll: Kamome Islet, 34507. Bikar Atoll: Bikar Islet, 34569. Wake Atoll: Wake Islet, 34472. Eniwetok Atoll: Igurin Islet, 24304, 24308; Japtan Islet, 24332, 24337; Aomon Islet, 24357; Engebe Islet, 24402. Kwajalein Atoll: Kwajalein Islet, 26512.

Indigenous. Frequent tree in mixed forests, usually away from direct exposure to wind. Important in forming pure stand forests. Favored by birds for roosting and nesting. Marshallese: "kangl," "kangae" (Eniwetok).

Achyranthes aspera L.

Eniwetok Atoll: Aomon Islet, 24348.

Introduced weed. Rare in disturbed places. Marshallese: "kaleklek."

Achyranthes canescens R. Br.

Utirik Atoll: Bekrak Islet, 33714. Taka Atoll: Taka Islet, 33729. Jemo Island: 33894.

Indigenous. Very local in scrub on drier islets.

Amaranthus dubius Mart.

Kwajalein Atoll: Kwajalein Islet, 31178, 31185; Bennett (Bikej) Islet, 26503. Wake Atoll: Wake Islet, 34452; Peale Islet, 34938. Eniwetok Atoll: Engebe Islet, 24390.

Introduced weed. Common around military installations.

Amaranthus spinosus L.

Kwajalein Atoll: Kwajalein Islet, 31174.

Introduced weed. Infrequent around military installations.

Amaranthus viridis L.

Wake Atoll: Wake Islet, 34446. Eniwetok Atoll: Eniwetok Islet, 24372.

Introduced weed. Infrequent around military installations.

Gomphrena globosa L.

Ujae Atoll: Ujae Islet, 34294.

Introduced. Rare in gardens.

Portulaca lutea Sol.

Utirik Atoll: Eluk Islet, 33701. Pokak Atoll: Kamome Islet, 34510. Wotho Atoll: Biken Islet, 34434. Bikar Atoll: Bikar Islet, 34567, 34570; Jaliklik Islet, 34578. Wake Atoll: Wake Islet, 34468. Eniwetok Atoll: Igurin Islet, 24307; Japtan Islet, 24326; Aomon Islet, 24358.

Indigenous. Abundant in the northern atolls, less so southward, in open sandy or gravelly places and under trees where other ground cover is not thick. Pioneer on new sand and gravel bars, beaches, and typhoon-stripped areas. Marshallese: "purya," "kiran."

Portulaca oleracea L.

Wake Atoll: Wake Islet, 33620, 34481. Taka Atoll: Taka Islet, 33742. Ujae Atoll: Ujae Islet, 34308. Eniwetok Atoll: Eniwetok Islet, 24296; Engebe Islet, 24408. Kwajalein Atoll: Kwajalein Islet, 26491; Bennett (Bikej) Islet, 26500.

Introduced weed. Common in sandy places around villages and in disturbed places.

Portulaca samoensis v. Poelln.

Utirik Atoll: Utirik Islet, 33675. Likiep Atoll: Lado Islet, 33848; Likiep Islet, 27005. Ailuk Atoll: Ailuk Islet, 33940. Ujelang Atoll: Ujelang Islet, 34216. Wake Atoll: Wake Islet, 34460. Eniwetok Atoll: Eniwetok Islet, 24297; Japtan Islet, 24323; Engebe Islet, 24400. Kwajalein Atoll: Kwajalein Islet, 26469, 26513.

Introduced (?) weed. Common in sandy open or disturbed places. Marshallese: "nat'to," "bujang."

Sesuvium portulacastrum L.

Wake Atoll: Wake Islet, 34461.

Indigenous. Common on open saline flats.

Cassytha filiformis L.

Utirik Atoll: Utirik Islet, 33694. Taka Atoll: Taka Islet, 33724. Jemo Island: 33889. Ailuk Atoll: Ailuk Islet, 33936. Lae Atoll: Lae Islet, 34080. Ujelang Atoll: Ujelang Islet, 34172. Wotho Atoll: Wotho Islet, 34266. Ujae Atoll: Bock Islet, 34330. Eniwetok Atoll: Eniwetok Islet, 24288; Igurin Islet, 24313; Japtan Islet, 24330; Aomon Islet, 24365. Kwajalein Atoll: Bennett (Bikej) Islet, 26497. Likiep Atoll: Likiep Islet, 27009.

Indigenous. Common generally in openings, in open coconut groves, and in loose scrub, parasitizing grasses, shrubs and even small trees; forming loose mats covering vegetation. Marshallese: "kaanin," "kani," "kenen," "kanun."

Hernandia sonora L.

Lae Atoll: Lae Islet, 33997; Loj Islet, 34041. Ujelang Atoll: Ujelang Islet, 34211. Likiep Atoll: Aikini (Aekone) Islet, 27060.

Indigenous. Rare in mixed forest and in coconut groves. Seedling found in germinated beach drift at top of beach (33997). Marshallese: "pingiping," "bing bing."

Brassica sp.

Eniwetok Atoll: Engebe Islet, 24388.

Rare, persisting after cultivation, probably has now disappeared.

Lepidium o-waihiense Cham. & Schlecht.

Wake Atoll: Peale Islet, 34930.

Indigenous. Very common locally on steep banks of "Lake Peale."

Bryophyllum pinnatum (Lam.) Kurz

Likiep Atoll: Lado Islet, 33850.

Introduced. Planted in garden.

Caesalpinia pulcherrima (L.) Sw.

Likiep Atoll: Likiep Islet, 27031.
Introduced. Rare. Planted in gardens.

Caesalpinia bonduc (L.) Roxb. (?)

Ujae Atoll: Alle Islet, 34416.
Indigenous. Rarely seen as seedling from drift seeds; seems not to persist in northern Marshalls.

Caesalpinia major (Medic.) Dandy & Exell (?)

Lae Atoll: Lae Islet, 34034.
Rarely seen as seedling from drift seeds; seems not to persist in northern Marshalls.

Canavalia microcarpa (DC.) Piper

Likiep Atoll: Likiep Islet, 33857. Jemo Island: 33888. Lae Atoll: Lae Islet, 34012, 34031. Ujelang Atoll: Bioto Islet, 34146; Ujelang Islet, 34204. Wotho Atoll: Wotho Islet, 34227; Kabben Islet, 34431. Ujae Atoll: Bock Islet, 34319. Eniwetok Atoll: Igurin Islet, 24309. Kwajalein Atoll: Bennett (Bikej) Islet, 26515.

Indigenous. Common but local in coconut plantations and in mixed forests. Roots of seedlings, at least, bear bacterial nodules. Marshallese: "manlap," "marlap."

Cassia occidentalis L.

Ujelang Atoll: Ujelang Islet, 34184.
Introduced. Persisting after planting by Japanese; said to have been used by them as coffee substitute.

Desmodium canum (Gmel.) Schinz & Thell.

Kwajalein Atoll: Kwajalein Islet, 34125.
Introduced weed. Common around military establishment on Kwajalein. When clipped makes fairly attractive lawn.

Erythrina variegata var. orientalis (L.) Merr.

Likiep Atoll: Likiep Islet, 27045.
Introduced. Rarely planted.

Intsia bijuga (Colebr.) Ktze.

Lae Atoll: Lae Islet, 33995; Bikenaj Islet, 34077; Bikelabet Islet, 34079; Enemanman Islet, 34099. Wotho Atoll: Wotho Islet, 34246. Ujae Atoll: Bock Islet, 34317; Wojia Islet, 34387.

Indigenous. Component of mixed forest on southern atolls of northern Marshalls. Marshallese: "kubuk."

Leucaena glauca (L.) Benth.

Utirik Atoll: Utirik Islet, 33669. Ailuk Atoll: Ailuk Islet, 33972. Kwajalein Atoll: Kwajalein Islet, 31176.

Introduced. Persisting after cultivation. Rare around former Japanese establishments. Sets seed but seems not to establish itself in northern Marshalls. Hawaiian: "koa haole."

Sophora tomentosa L.

Ujelang Atoll: Ujelang Islet, 34210. Ujae Atoll: Ebeju Islet, 34385. Likiep Atoll: Aikini (Aekōne) Islet, 27065.

Indigenous (?). Along lagoon sides of islets, just back of beaches in edges of coconut plantations, not common. Marshallese: "kile," "kuli."

Vigna marina (Burm.) Merr.

Lae Atoll: Loj Islet, 34054; Lae Islet, 34036. Likiep Atoll: Aikini (Aekōne) Islet, 27062; Lado Islet, 33822. Ujelang Atoll: Ujelang Islet, 34179. Wotho Atoll: Wotho Islet, 34234. Ujae Atoll: Ujae Islet, 34285. Kwajalein Atoll: Bennett (Bikej) Islet, 26521.

Indigenous. Common ground cover in coconut groves; climbing in bushes in mixed forest, pioneer on cleared areas and on new sand and gravel bars. Roots bear bacterial nodules. Marshallese: "marukumenjojo," "marlap" (Ujelang).

Tribulus cistoides L.

Eriwetok Atoll: Engebe Islet, 24403.

Introduced (?) weed. Rare on open sand; probably introduced accidentally with military equipment.

Citrus aurantifolia (Christm.) Swingle

Ujae Atoll: Ujae Islet, 34303 (?). Likiep Atoll: Aikini (Aekōne) Islet, 27051.

Introduced. Rarely planted in villages.

Soulamea amara L.

Ailuk Atoll: Akulwe Islet, 33912. Lae Atoll: Enemanman Islet, 34100. Wotho Atoll: Wotho Islet, 34269. Ujae Atoll: Ebeju Islet, 34384.

Indigenous. Locally common in mixed forest. Marshallese: "kil'li," "kabijiling."

Suriana maritima L.

Utirik Atoll: Utirik Islet, 33668; Eluk Islet, 33699. Taka Atoll: Taka Islet, 33738. Likiep Atoll: Lado Islet, 33788; Likiep Islet, 26996; Aikini (Aekōne) Islet, 27066. Ailuk Atoll: Akulwe Islet, 33909; Ailuk Islet, 33947. Lae Atoll: Lae Islet, 34033. Ujelang Atoll: Bokan Islet, 34166. Wotho Atoll: Wotho Islet, 34273; Bokanaetok Islet, 34441. Ujae Atoll: Bock Islet, 34335. Eriwetok Atoll: Igurin Islet, 24310; Puraai Islet, Hosaka 2691.

Indigenous. Common in sandy places in scrub, especially along outer beaches, occasionally dominant. Marshallese: "ngienge," "kalangi," "ngiangi."

Acalypha godseffiana Mast.

Likiep Atoll: Likiep Islet, 27022.

Introduced. Rarely planted; does not appear healthy.

Acalypha hispida Burm.f.

Likiep Atoll: Likiep Islet, 27027.

Introduced. Rarely planted; does not appear healthy.

Acalypha wilkesiana M.-A.

Ailuk Atoll: Ailuk Islet, 33977. Lae Atoll: Lae Islet, 34097.

Introduced. Uncommon in villages, does not appear healthy.

Codiaeum variegatum (L.) Bl.

Likiep Atoll: Likiep Islet, 27024.
Introduced. Rarely planted.

Euphorbia chamissonis Boiss.

Utirik Atoll: Utirik Islet, 33662. Likiep Atoll: Lado Islet, 33793; Likiep Islet, 27012. Ailuk Atoll: Ailuk Islet, 33921. Lae Atoll: Enemanman Islet, 34102. Ujelang Atoll: Ujelang Islet, 34207. Wotho Atoll: Wotho Islet, 34232. Ujae Atoll: Bock Islet, 34329. Eniwetok Atoll: Eniwetok Islet, 24286; Engebe Islet, 24385. Kwajalein Atoll: Kwajalein Islet, 26470.
Indigenous. In coconut groves, dominant in ground cover in many places. Marshallese: "mal dok," "beran," "puripur," "perul."

Euphorbia heterophylla L.

Utirik Atoll: Utirik Islet, 33672. Likiep Atoll: Lado Islet, 33842; Likiep Islet, 27011. Wake Atoll: Wake Islet, 34474. Ailuk (not collected). Kwajalein Atoll: Kwajalein Islet, 31162, 26482.
Introduced weed. Common in disturbed places, abundant locally, especially so on Wake Atoll. Marshallese: "nukuni."

Euphorbia hirta L.

Wake Atoll: Wake Islet, 33628, 34465. Jemo Island: 33873. Kwajalein Atoll: Bennett (Bikej) Islet, 26501. Eniwetok Atoll: Eniwetok Islet, 24367. Likiep Atoll: Likiep Islet, 26991.
Introduced weed. Common in disturbed places.

Euphorbia hypericifolia L.

Wake Atoll: Wake Islet, 33618, 33622. Kwajalein Atoll: Kwajalein Islet, 31166.
Introduced weed. In disturbed places, local but common where found.

Euphorbia prostrata Ait.

Likiep Atoll: Lado Islet, 33829. Jemo Island: 33874. Kwajalein Atoll: Kwajalein Islet, 34122, 26473 (?). Ujae Atoll: Ujae Islet, 34307. Wake Atoll: Wake Islet, 34455; Peale Islet, 34939.
Introduced weed. Common in disturbed places and around villages.

Euphorbia thymifolia L.

Kwajalein Atoll: Kwajalein Islet, 34137. Ujelang Atoll: Ujelang Islet, 34181.
Introduced weed. Very locally common in disturbed places. Marshallese: "nat'to."

Phyllanthus niruri L.

Utirik Atoll: Utirik Islet, 33688. Likiep Atoll: Lado Islet, 33832; Likiep Islet, 27015. Jemo Island: 33869. Lae Atoll: Lae Islet, 34092. Ujelang Atoll: Ujelang Islet, 34183. Ujae Atoll: Ujae Islet, 34306. Kwajalein Atoll: Kwajalein Islet, 31173, 26487.
Introduced weed. Common in disturbed places and around villages.

Ricinus communis L.

Eniwetok Atoll: Engebe Islet, 24377.
Introduced. Occasionally planted around military installations, probably by Japanese.

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Allophylus timorensis (DC) Bl.

Utirik Atoll: Bekrak Islet, 33710. Lae Atoll: Lae Islet, 33991. Kwajalein Atoll: Enewetak Islet, 34134; Bennett (Bikej) Islet, 31201, 26511. Ujelang Atoll: Ujelang Islet, 34199. Wotho Atoll: Wotho Islet, 34226. Ujae Atoll: Bock Islet, 34333; Ujae Islet, 34419.

Indigenous. Common in mixed forest in southern atolls; in Utirik in scrub. Marshallese: "katak," "kutak," or "keda."

Dodonea viscosa (L.) Jacq.

Likiep Atoll: Likiep Islet, 26998.

Indigenous. Rare in openings in coconut plantations. Marshallese: "kamin."

Triumfetta procumbens Forst.

Utirik Atoll: Utirik Islet, 33693. Taka Atoll: Taka Islet, 33721. Jemo Island: 33863. Ailuk Atoll: Ailuk Islet, 33932. Lae Atoll: Lae Islet, 34107. Ujelang Atoll: Ujelang Islet, 34193. Wotho Atoll: Wotho Islet, 34270. Ujae Atoll: Bock Islet, 34321. Bikar Atoll: Bikar Islet, 34575. Eniwetok Atoll: Eniwetok Islet, 24299; Igurin Islet, 24311; Japtan Islet, 24322; Aomon Islet, 24366; Engebe Islet, 24401. Kwajalein Atoll: Kwajalein Islet, 26478; Bennett (Bikej) Islet, 26514. Likiep Atoll: Likiep Islet, 27014.

Indigenous. Very general in disturbed places, coconut groves, mixed forest, at top of beaches, and other pioneer habitats, sometimes forming pure ground cover. Flowers open in morning and afternoon, closed in middle of day. Marshallese: "at'at," "atat."

Abutilon indicum (L.) Sweet

Wake Atoll: Wake Islet, 34451; Peale Islet, 34937.

Indigenous (?). Common locally in open scrub.

Gossypium barbadense L.

Utirik Atoll: Utirik Islet, 33656. Kwajalein (not collected).

Introduced. Rare, planted in village. Seen but not collected in nursery on Kwajalein.

Gossypium hirsutum var. religiosum (L.) Watt

Wake Atoll: Wake Islet, 34469.

Introduced. Persisting after cultivation. Common, especially around old Japanese installations. This plant is identical with a specimen collected in 1923, Pollock & Bryan 33, when it was reported to be rare, only one plant seen.

Hibiscus tiliaceus L.

Likiep Atoll: Lado Islet, 33823. Lae Atoll: Loj Islet, 34042. Ujelang Atoll: Ujelang Islet, 34214. Ujae Atoll: Ujae Islet, 34297. Kwajalein Atoll: Kwajalein Islet, 34549.

Of aboriginal introduction. Rare, growing in or near villages and around dwellings; not generally appearing healthy. Marshallese: "law."

Hibiscus (hybrid)

Likiep Atoll: Likiep Islet, 27026.

Introduced. Rarely planted.

Sida acuta Burm.f.

Ujelang Atoll: Ujelang Islet, 34180.

Introduced weed. Very local, only seen in Ujelang village.

Sida fallax Walp.

Utirik Atoll: Utirik Islet, 33687. Taka Atoll: Taka Islet, 33726. Likiep Atoll: Lado Islet, 33844. Ailuk Atoll: Ailuk Islet, 33962. Lae Atoll: Lae Islet, 34096. Ujelang Atoll: Nelle Islet, 34142; Bokan Islet, 34164. Wotho Atoll: Wotho Islet, 34211. Ujae Atoll: Ujae Islet, 34304. Pokak Atoll: Kamome Islet, 34505, 34518. Eniwetok Atoll: Aomon Islet, 24359; Eniwetok Islet, 24371; Engebe Islet, 24389, 24393. Kwajalein Atoll: Kwajalein Islet, 26481. Wake Atoll: Peale Islet, 34945.

Indigenous. Very abundant on Pokak in open areas; local in openings on drier or more saline islets on other atolls; planted and persisting after planting on more favorable islets where not found naturally. Marshallese: "kio."

Thespesia populnea (L.) Sol.

Kwajalein (not collected).

Introduced. Planted in military establishment. Hawaiian: "milo."

Calophyllum inophyllum L.

Utirik Atoll: Utirik Islet, 33678. Jemo Island: 33871. Ailuk Atoll: Ailuk Islet, 33926. Ujelang Atoll: Enellap Islet, 34139. Wotho Atoll: Wotho Islet, 34223. Ujae Atoll: Bock Islet, 34343. Likiep Atoll: Likiep Islet, 27020.

Of aboriginal introduction. Planted in villages, especially along lagoon beaches; occasionally established in mixed forest near lagoon side of islets. On Medjurwon Islet, Wotho, this species forms conspicuous thickets. Marshallese: "luej," "lugej," "luech."

Pemphis acidula Forst.

Utirik Atoll: Utirik Islet, 33682. Taka Atoll: Taka Islet, 33747. Likiep Atoll: Lado Islet, 33847. Ailuk Atoll: Ulika Islet, 33984. Lae Atoll: Lae Islet, 34032. Kwajalein Atoll: Enebuoj Islet, 34127; Bennett (Bikej) Islet, 26499. Ujelang Atoll: Ujelang Islet, 34188. Ujae Atoll: Bock Islet, 34334. Wotho Atoll: Bokanaetok Islet, 34442. Eniwetok Atoll: Puraai Islet, Hosaka no.2690.

Indigenous. Common, growing especially on denuded rock flats, rarely on sand. Forming dense pure stands. Marshallese: "ngiengie," "kengi," or "kungi."

Citrullus vulgaris Schrad.

Eniwetok Atoll: Engebe Islet, 24375.

Introduced. Rare, persisting after military occupation.

Cucumis melo L.

Eniwetok Atoll: Engebe Islet, 24409.

Introduced. Rare, persisting after military occupation.

Cucurbita maxima Duch.

Ujelang Atoll: Bioto Islet, 34147. Eniwetok Atoll: Engebe Islet, 24376, 24380 (?) (no gray spots on leaves).

Introduced. Persisting after military occupation; also planted by Marshallese on Ujelang.

Carica papaya L.

Utirik Atoll: Utirik Islet, 33760. Taka Atoll: Taka Islet, 33736. Jemo Island: 33882. Ailuk Atoll: Ailuk Islet, 33961. Lae Atoll: Lae Islet, 34059. Kwajalein Atoll: Enebuoj Islet, 34128. Ujelang Atoll: Ujelang Islet, 34213. Ujae Atoll: Bock Islet, 34344.

Introduced. Commonly planted in interiors of islets in coconut groves, sometimes persisting there. Fruit appreciated by Marshallese. Marshallese: "papaya."

Bruguiera conjugata (L.) Merr.

Utirik Atoll: Bekrak Islet, 33712. Ailuk Atoll: Ailuk Islet, 33964. Lae Atoll: Lae Islet, 33993; Loj Islet, 34043.

Indigenous (?). Rare, in wet depressions. Marshallese: "chong," "jong."

Terminalia catappa L.

Likiep Atoll: Likiep Islet, 27019. Kwajalein Atoll: (not collected). Introduced. Rarely planted in villages. Marshallese: "kutil."

Terminalia samoensis Rech.

Ujelang Atoll: Bieto Islet, 34143; Enellap Islet, 34150. Utirik Atoll: Bekrak Islet, 33713. Taka Atoll: Taka Islet, 33739. Likiep Atoll: Lado Islet, 33783; Likiep Islet, 26997; Aikini (Aekōne) Islet, 27059. Jemo Island: 33891. Ailuk Atoll: Akulwe Islet, 33911. Lae Atoll: Enemanman Islet, 34037. Kwajalein Atoll: Enewetak Islet, 34138; Bennett (Bikej) Islet, 26495. Wotho Atoll: Wotho Islet, 34274; Eneobnak Islet, 34439; Bokanaetok Islet, 34440. Ujae Atoll: Bock Islet, 34331; Wojia Islet, 34388. Eniwetok Atoll: Japtan Islet, 24331.

Indigenous. Common component of scrub and mixed forest, occasionally in coconut groves. Marshallese: "eking," "akungkung," "kukung."

Barringtonia asiatica (L.) Kurz

Likiep Atoll: Lado Islet, 33860. Lae Atoll: Lae Islet, 34028.

Indigenous. Forming pure forest in one area on Lae, seen as drift seedling on Likiep, not seen otherwise except as drift fruits on beaches. Marshallese: "wuj," "woij."

Jussiaea suffruticosa L.

Likiep Atoll: Likiep Islet, 33853, 27044.

Introduced (?) weed. In taro pits.

Polyscias scutellaria (Burm.f.) Fosb.

Ailuk Atoll: Ailuk Islet, 33959. Lae Atoll: Lae Islet, 34066. Ujae Atoll: Ujae Islet, 34289. Kwajalein Atoll: Ebeye Islet, 31211.

Introduced. Occasionally planted around villages.

Polyscias sp.

Likiep Atoll: Likiep Islet, 27034.

Introduced. Rarely planted.

Centella asiatica (L.) Urb.

Likiep Atoll: Lado Islet, 33830; Aikini (Aekōne) Islet, 27064. Ailuk Atoll: Ailuk Islet, 33943. Ujae Atoll: Ujae Islet, 34298. Kwajalein Atoll: Kwajalein Islet, 26490.

Local introduced weed in villages, plantations, and around military establishments. Marshallese: "marukko," "margo," "mariko."

Catharanthus roseus (L.) G. Don

Likiep Atoll: Lado Islet, 33843; Likiep Islet, 27037. Ailuk Atoll: Ailuk Islet, 33978. Wake Atoll: Wake Islet, 34456.

Introduced. Planted around houses and graves, sometimes persisting.

Nerium indicum Mill.

Ujae Atoll: Ujae Islet, 34291. Likiep Atoll: Aikini (Aekōne) Islet, 27063.

Introduced. Planted around villages.

Nerium oleander L.

Lae Atoll: Lae Islet, 34000. Ujae Atoll: Ujae Islet, 34293.

Introduced. Planted around villages.

Nerium sp.

Utirik Atoll: Utirik Islet, 33685.

Introduced. Planted around house.

Ochrosia oppositifolia (Lam.) K. Schum.

Likiep Atoll: Likiep Islet, 33782. Ailuk Atoll: Akulwe Islet, 33914. Lae Atoll: Enemanan Islet, 34038. Kwajalein Atoll: Enewetak Islet, 34133; Bennett (Bikej) Islet, 26492. Ujelang Atoll: Ujelang Islet, 34215. Wotho Atoll: Wotho Islet, 34262, 34279. Ujae Atoll: Ebeju Islet, 34377. Eniwetok Atoll: Japtan Islet, 24329.

Indigenous. In mixed forest and forming pure forests. Marshallese: "kabuijiling," "kijbar," "kejebar," "kejbar."

Plumeria rubra L.

Utirik Atoll: Utirik Islet, 33689. Jeno Island: 33865. Ailuk Atoll: Ailuk Islet, 33966. Lae Atoll: Lae Islet, 34094. Ujae Atoll: Ujae Islet, 34296. Likiep Atoll: Likiep Islet, 27021.

Introduced. Planted around villages. Marshallese: "meria."

Asclepias curassavica L.

Utirik Atoll: Utirik Islet, 33658. Ailuk Atoll: Ailuk Islet, 33975. Lae Atoll: Lae Islet, 34068.

Introduced weed. Planted around houses and graves, occasionally escaped. Marshallese: "yelo."

Ipomoea batatas L.

Wake Atoll: Wake Islet, 34449. Likiep Atoll: Likiep Islet, 27038.

Introduced. Rarely planted; not doing well; on Wake persisting around Japanese garden site.

Ipomoea littoralis Bl.

Lae Atoll: Loj Islet, 34053. Ujelang Atoll: Ujelang Islet, 34202.

Introduced (?) weed. Occasional around villages, houses and paths.

Ipomoea pes-caprae (L.) Roth.

Lae Atoll: Lae Islet, 33999; Loj Islet, 34044. Wake Atoll: Wake Islet, 34473. Eniwetok Atoll: Eniwetok Islet, 24287; Engebe Islet, 24404. Kwajalein Atoll: Kwajalein Islet, 26480; Bennett (Bikej) Islet, 26506.

Introduced (?) weed. Very abundant around military installations, especially abandoned ones; seen elsewhere only as drift seedling.

Ipomoea tuba (Schlecht.) G. Don

Wake Atoll: Wake Islet, 33614. Utirik Atoll: Utirik Islet, 33661, 33677; Eluk Islet, 33700. Jemo Island: 33890. Ailuk Atoll: Ailuk Islet, 33942. Lae Atoll: Loj Islet, 34056; Enebao Islet, 34082. Kwajalein Atoll: Lojjairong Islet, 34119; Kwajalein Islet, 26472; Bennett (Bikej) Islet, 26519. Ujelang Atoll: Ujelang Islet, 34178. Wotho Atoll: Wotho Islet, 34239. Ujae Atoll: Bock Islet, 34362. Pokak Atoll: Sibylla Islet, 34526. Eniwetok Atoll: Eniwetok Islet, 24285; Igurin Islet, 24305; Japtan Islet, 24342; Aomon Islet, 24349. Likiep Atoll: Aikini (Aekone) Islet, 27053.

Indigenous. Very common to abundant in coconut plantations, mixed forest and scrub: also on open rock flats on Pokak Atoll. Marshallese: "marbele," "bele" (Ujelang, Eniwetok).

Cordia subcordata Lam.

Utirik Atoll: Utirik Islet, 33671. Likiep Atoll: Lado Islet, 33784. Jemo Island: 33883. Lae Atoll: Lae Islet, 34035; Enebao Islet, 34082. Kwajalein Atoll: Enewetak Islet, 34132. Ujelang Atoll: Ujelang Islet, 34205. Ujae Atoll: Bock Islet, 34332. Wotho Atoll: Enearik Islet, 34427; Kabben Islet, 34435. Wake Atoll: Wake Islet, 34480. Eniwetok Atoll: Igurin Islet, 24303; Japtan Islet, 24338; Aomon Islet, 24351.

Indigenous. Rare to common in mixed forest and scrub, locally forming pure stands. Marshallese: "kano," "kono."

Heliotropium anomalum H. & A.

Wake Atoll: Wake Islet, 33625.

Indigenous. Common on open ground between trees and around buildings.

Heliotropium ovalifolium var. depressum (Cham.) Merr.

Kwajalein Atoll: Kwajalein Islet, 34124.

Introduced weed. Occasional along air strip.

Messerschmidia argentea (L.f.) Johnst.

Wake Atoll: Wake Islet, 33615. Utirik Atoll: Utirik Islet, 33643. Taka Atoll: Taka Islet, 33722. Jemo Island: 33886. Ailuk Atoll: Ailuk Islet, 33930; Ulika Islet, 33935. Lae Atoll: Lae Islet, 34089. Ujelang Atoll: Ujelang Islet, 34195. Wotho Atoll: Wotho Islet, 34267. Ujae Atoll: Bock Islet, 34314. Pokak Atoll: Kamome Islet, 34508. Bikar Atoll: Bikar Islet, 34574. Eniwetok Atoll: Eniwetok Islet, 24293; Igurin Islet, 24315; Japtan Islet, 24339; Aomon Islet, 24352; Engebe Islet, 24396. Kwajalein Atoll: Kwajalein Islet, 26479; Bennett (Bikej) Islet, 26520. Likiep Atoll: Likiep Islet, 26994.

Indigenous. Common to abundant generally, except in mature forest in interior of islets, pioneer on new sand and gravel and in disturbed areas. Marshallese: "kirin."

Cestrum nocturnum L.

Likiep Atoll: Likiep Islet, 27035.

Introduced. Rarely planted.

Nicotiana tabacum L.

Wake Atoll: Wake Islet, 34448.

Introduced. Persisting after cultivation. Rare, around old Japanese garden site.

Physalis angulata L.

Jemo Island: 33872. Ujae Atoll: Ujae Islet, 34286. Kwajalein Atoll: Kwajalein Islet, 34381.

Introduced weed. Occasional in disturbed places.

Solanum lycopersicon L.

Eniwetok Atoll: Engebe Islet, 24374.

Introduced. Persisting after military occupation.

Solanum nigrum L.

Kwajalein Atoll: Kwajalein Islet, 31177, 31180.

Introduced weed. Occasional in disturbed places around military installations.

Clerodendrum inerme (L.) Gaertn.

Utirik Atoll: Utirik Islet, 33673. Likiep Atoll: Lado Islet, 33846; Likiep Islet, 27008. Jemo Island: 33867. Ailuk Atoll: Ailuk Islet, 33945. Lae Atoll: Lae Islet, 34067. Ujelang Atoll: Ujelang Islet, 34186. Wotho Atoll: Wotho Islet, 34229. Kwajalein Atoll: Ebeye Islet, 31213; Kwajalein Islet, 26468 (planted).

Indigenous. Common as undergrowth in coconut plantations. Also filling abandoned taro pits. Planted near house on Jemo. Marshallese: "ulij," "ulej."

Premna obtusifolia R.Br.

Utirik Atoll: Utirik Islet, 33696; Bekrak Islet, 33711. Likiep Atoll: Lado Islet, 33821, 33849; Aikini (Aekōne) Islet, 27061. Ailuk Atoll: Ailuk Islet, 33963. Lae Atoll: Lae Islet, 34011. Ujelang Atoll: Ujelang Islet, 34203. Wotho Atoll: Wotho Islet, 34250. Ujae Atoll: Ujae Islet, 34418.

Indigenous. Occasional in mixed forest and around villages and houses. Marshallese: "kaar," "kar."

Stachytarpheta jamaicensis (L.) Vahl

Likiep Atoll: Likiep Islet, 27028.

Introduced. Planted in garden.

Stachytarpheta indica Vahl

Kwajalein Atoll: Kwajalein Islet, 34121, 31182.

Introduced. Weed around military installations.

Ocimum sanctum L.

Utirik Atoll: Utirik Islet, 33659. Ailuk Atoll: Ailuk Islet, 33979. Lae Atoll: Loj Islet, 34052. Ujae Atoll: Ujae Islet, 34292.

Introduced. Planted in gardens. Marshallese: "katarin."

Russelia equisetiformis Schlecht. & Cham.

Likiep Atoll: Likiep Islet, 33858, 27046.
Introduced. Rarely planted in gardens.

Scoparia dulcis L.

Kwajalein Atoll: Kwajalein Islet, 31184.
Introduced weed. Rare around military establishments.

Graptophyllum pictum (L.) Griff.

Likiep Atoll: Likiep Islet, 27023.
Introduced. Rarely planted.

Pseuderanthemum atropurpureum (Bull.) Bailey

Jemo Island: 33866. Ailuk Atoll: Ailuk Islet, 33973. Lae Atoll: Lae Islet, 34063. Ujae Atoll: Ujae Islet, 34290, 34421. Kwajalein Atoll: Ebeye Islet, 31206. Likiep Atoll: Likiep Islet, 27025.
Introduced. Commonly planted around villages.

Pseuderanthemum carruthersii Seem.

Utirik Atoll: Utirik Islet, 33690. Lae Atoll: Lae Islet, 34098.
Wotho Atoll: Wotho Islet, 34236. Ujae Atoll: Ujae Islet, 34295. Kwajalein Atoll: Ebeye Islet, 31206. Likiep Atoll: Likiep Islet, 27030.
Introduced. Commonly planted around villages. The form with entirely green leaves and white flowers with crimson dots in the center. Marshallese: "ulij," "wut tiroj."

Guettarda speciosa L.

Utirik Atoll: Utirik Islet, 33667. Taka Atoll: Taka Islet, 33740.
Jemo Island: 33897. Ailuk Atoll: Ailuk Islet, 33934. Lae Atoll: Lae Islet, 34106. Ujelang Atoll: Ujelang Islet, 34196. Wotho Atoll: Wotho Islet, 34276. Ujae Atoll: Bock Islet, 34316. Eniwetok Atoll: Aomon Islet, 24364; Eniwetok Islet, 24294; Igurin Islet, 24312; Japtan Islet, 24318; Engebe Islet, 24398. Kwajalein Atoll: Bennett (Bikej) Islet, 26494. Likiep Atoll: Likiep Islet, 27002.

Indigenous. Common in mixed forest and scrub, also in coconut groves. Marshallese: "wut," "wut i lomar."

Hedyotis biflora (L.) Lam.

Likiep Atoll: Lado Islet, 33792; Likiep Islet, 27041; Aikini (Aekōne) Islet, 27049.
Introduced (?) weed. Rare in coconut plantations.

Ixora casei Hance

Likiep Atoll: Likiep Islet, 27032.
Introduced. Rarely planted.

Morinda citrifolia L.

Utirik Atoll: Utirik Islet, 33684. Taka Atoll: Taka Islet, 33734, 33745. Jemo Island: 33878. Ailuk Atoll: Ailuk Islet, 33955. Lae Atoll: Lae Islet, 34008. Ujelang Atoll: Ujelang Islet, 34177. Wotho Atoll: Wotho Islet, 34231. Ujae Atoll: Bock Islet, 34315. Eniwetok Atoll: Igurin Islet, 24302; Japtan Islet, 24335; Aomon Islet, 24350; Engebe Islet, 24381. Kwajalein Atoll: Bennett (Bikej) Islet, 26507. Likiep Atoll: Aikini (Aekōne) Islet, 27056.

Of aboriginal introduction. Common in coconut and breadfruit groves and in mixed forest. Marshallese: "nen," "nin."

Scaevola frutescens (Mill.) Krause

Wake Atoll: Wake Islet, 33616. Utirik Atoll: Utirik Islet, 33715. Taka Atoll: Taka Islet, 33720. Jemo Island: 33887. Ailuk Atoll: Ailuk Islet, 33933. Lae Atoll: Lae Islet, 34090. Ujelang Atoll: Ujelang Islet, 34194. Wotho Atoll: Wotho Islet, 34275. Ujae Atoll: Bock Islet, 34318. Pokak Atoll: Pokak Islet, 34524. Bikar Atoll: Bikar Islet, 34573. Eniwetok Atoll: Eniwetok Islet, 24291; Igurin Islet, 24314; Japtan Islet, 24336; Aomon Islet, 34361; Engebe Islet, 24397. Kwajalein Atoll: Kwajalein Islet, 26471; Bennett (Bikej) Islet, 26516. Likiep Atoll: Likiep Islet, 26999.

Indigenous. Common in scrub and as undergrowth in coconut plantations, usually forms a fringe along top of beach. Marshallese: "kannat," "mar" (Ujelang), "mar kinat" (Eniwetok), "konnat."

Hippobroma longiflora (L.) G. Don

Likiep Atoll: Likiep Islet, 27042.

Introduced weed. Rare around taro pits on Likiep, now probably gone, as natives were advised in 1946 to destroy it; not seen in 1951.

Adenostemma lavenia (L.) O. Ktze.

Lae Atoll: Lae Islet, 34025.

Introduced (?) weed. In coconut and breadfruit groves, but only seen on Lae. Marshallese: "bulibulgas."

Conyza bonariensis (L.) Cronq.

Wake Atoll: Wake Islet, 34463. Kwajalein Atoll: Kwajalein Islet, 31168, 31171.

Introduced weed. Common around air strips.

Conyza canadensis (L.) Cronq.

Kwajalein Atoll: Kwajalein Islet, 31169.

Introduced weed. Around airstrip.

Eclipta alba (L.) Hassk.

Kwajalein Atoll: Kwajalein Islet, 31163.

Introduced weed. Occasional around airstrip.

Emilia javanica (Burm.f.) Rob.

Kwajalein Atoll: Kwajalein Islet, 31186.

Introduced weed. Common around military installations.

Pluchea indica (L.) Less.

Kwajalein Atoll: Kwajalein Islet, 26523; Ebeye Islet, 31210.

Introduced weed. Abundant around military installations.

Pluchea odorata (L.) Cass.

Wake Atoll: Wake Islet, 34447. Kwajalein Atoll: Kwajalein Islet, 31170; Ebeye Islet, 31208. Eniwetok Atoll: Engebe Islet, 24405.

Introduced weed. Abundant around military installations.

Sonchus oleracea L.

Wake Atoll: Wake Islet, 34464, 34483.
Introduced weed. In disturbed area.

Synedrella nodiflora (L.) Gaertn.

Kwajalein Atoll: Kwajalein Islet, 34120.
Introduced weed. Around military installations.

Tridax procumbens L.

Kwajalein Atoll: Kwajalein Islet, 31165.
Introduced weed. Around airstrip.

Vernonia cinerea (L.) Less.

Kwajalein Atoll: Ebeye Islet, 31209. Eniwetok Atoll: Eniwetok Islet, 24368; Engebe Islet, 24382. Likiep Atoll: Likiep Islet, 26990.
Introduced weed. Common around military installations; in Likiep village.

Wedelia biflora (L.) DC.

Likiep Atoll: Lado Islet, 33819; Likiep Islet, 27003. Ailuk Atoll: Marib Islet, 33983. Lae Atoll: Lae Islet, 34061. Ujae Atoll: Ujae Islet, 34301. Eniwetok Atoll: Engebe Islet, 24391. Kwajalein Atoll: Kwajalein Islet, 26476; Bennett (Bikej) Islet, 26508.

Indigenous. Common as ground cover and undergrowth in plantations, climbing in trees in mixed forest, and forming dense thick blanket over abandoned military installations. Marshallese: "margueue," "marajej."