

Chamaesyce halemanui on Kauai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Steep slopes of gulches in mesic *Acacia koa* forests and containing one or more of the following native plant species: *Asplenium* spp., *Alphitonia ponderosa*, *Antidesma platyphyllum*, *Bobea brevipes*, *Carex meyenii*, *Carex wahuensis*, *Cheirodendron trigynum*, *Coprosma* spp., *Diospyros sandwicensis*, *Dodonaea viscosa*, *Elaeocarpus bifidus*, *Hedyotis terminalis*, *Kokia kauaiensis*, *Leptecophylla tameiameia*, *Microlepia strigosa*, *Melicope haupuensis*, *Metrosideros polymorpha*, *Panicum nephelophilum*, *Pisonia* spp., *Pittosporum* spp., *Pleomele aurea*, *Psychotria greenwelliae*, *Psychotria mariniana*, *Pouteria sandwicensis*, or *Santalum freycinetianum*; and
- (ii) Elevations between 556 and 1,249 m (1,825 and 4,097 ft).

Family Euphorbiaceae: *Euphorbia haelealeana* (akoko)

Kauai 11—*Euphorbia haelealeana*—a, Kauai 11—*Euphorbia haelealeana*—b, and Kauai 11—*Euphorbia haelealeana*—c, identified in the legal descriptions in paragraph (a)(1) of this section, constitute critical habitat for *Euphorbia haelealeana* on Kauai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Lowland mixed mesic or dry *Diospyros* forest that is often codominated by *Metrosideros polymorpha* and *Alphitonia ponderosa* and containing one or more of the following native plant species: *Acacia koa*, *Antidesma platyphyllum*, *Carex meyenii*, *Carex wahuensis*, *Claoxylon sandwicense*, *Diplazium sandwichianum*, *Dodonaea viscosa*, *Erythrina sandwicensis*, *Kokia kauaiensis*, *Pisonia sandwicensis*, *Pleomele aurea*, *Pouteria sandwicensis*, *Psychotria greenwelliae*, *Psychotria mariniana*, *Pteralyxia kauaiensis*, *Rauvolfia sandwicensis*, *Sapindus oahuensis*, *Tetraplasandra kawaiensis*, or *Xylosma* spp.; and
- (ii) Elevations between 284 and 1,179 m (931 and 3,866 ft).

Family Euphorbiaceae: *Flueggea neowawraea* (mehamehame)

Kauai 11—*Flueggea neowawraea*—a, Kauai 11—*Flueggea neowawraea*—b, Kauai 11—*Flueggea neowawraea*—c, Kauai 11—*Flueggea neowawraea*—d, Kauai 11—*Flueggea neowawraea*—e, and Kauai 11—*Flueggea neowawraea*—f, identified in the legal descriptions in

paragraph (a)(1) of this section, constitute critical habitat for *Flueggea neowawraea* on Kauai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Dry or mesic forests containing one or more of the following native plant species: *Alectryon macrococcus*, *Antidesma platyphyllum*, *Bidens sandwicensis*, *Bobea timonioides*, *Caesalpinia kawaiensis*, *Charpentiera* spp., *Diospyros* spp., *Diplazium sandwichianum*, *Freycinetia arborea*, *Hibiscus* spp., *Isodendron laurifolium*, *Kokia kauaiensis*, *Melicope* spp., *Metrosideros polymorpha*, *Munroidendron racemosum*, *Myrsine lanaiensis*, *Nesoluma polynesianum*, *Nestegis sandwicensis*, *Pittosporum* spp., *Pouteria sandwicensis*, *Pritchardia minor*, *Psychotria* spp., *Psydrax odorata*, *Pteralyxia kauaiensis*, *Rauvolfia sandwicensis*, *Streblus pendulinus*, *Tetraplasandra* spp., *Xylosma crenatum*, or *Xylosma hawaiiense*; and
- (ii) Elevations between 210 and 1,178 m (689 and 3,865 ft).

Family Fabaceae: *Sesbania tomentosa* (ohai)

Kauai 8—*Sesbania tomentosa*—a, and Kauai 14—*Sesbania tomentosa*—b, identified in the legal descriptions in paragraph (a)(1) of this section, constitute critical habitat for *Sesbania tomentosa* on Kauai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Sandy beaches, dunes, or pond margins in coastal dry shrublands or mixed coastal dry cliffs, and containing one or more of the following associated native plant species: *Chamaesyce celastroides*, *Cuscuta sandwighiana*, *Dodonaea viscosa*, *Heteropogon contortus*, *Myoporum sandwicense*, *Nama sandwicensis*, *Scaevola sericea*, *Sida fallax*, *Sporobolus virginicus*, *Vitex rotundifolia*, or *Waltheria indica*; and
- (ii) Elevations between 0 and 130 m (0 and 427 ft).

Family Flacourtiaceae: *Xylosma crenatum* (NCN)

Kauai 11—*Xylosma crenatum*—a, and Kauai 12—*Xylosma crenatum*—b, identified in the legal descriptions in paragraph (a)(1) of this section, constitute critical habitat for *Xylosma crenatum* on Kauai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Diverse *Acacia koa*—*Metrosideros polymorpha* montane mesic or wet forest, or *Metrosideros polymorpha*—*Dicranopteris linearis* montane wet forest, and containing one or more of the following associated native plant species: *Athyrium sandwicensis*, *Cheirodendron* spp., *Claoxylon sandwicense*, *Coprosma* spp., *Cyanea* spp., *Diplazium sandwichianum*, *Dubautia knudsenii*, *Hedyotis* spp., *Ilex anomala*, *Lobelia yuccoides*, *Myrsine* spp., *Nestegis sandwicensis*, *Perrottetia sandwicensis*, *Pleomele aurea*, *Poa sandwicensis*, *Pouteria sandwicensis*, *Psychotria* spp., *Scaevola procera*, *Streblus pendulinus*, *Tetraplasandra* spp., *Touchardia latifolia*, or *Zanthoxylum dipetalum*; and
- (ii) Elevations between 941 and 1,284 m (3,086 and 4,212 ft).

Family Gentianaceae: *Centaurium sebaeoides* (awiwi)

Kauai 11—*Centaurium sebaeoides*—a, identified in the legal description in paragraph (a)(1) of this section, constitutes critical habitat for *Centaurium sebaeoides* on Kauai. Within this unit, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Volcanic or clay soils or on cliffs in arid coastal areas and containing one or more of the following native plant species: *Artemisia* spp., *Bidens* spp., *Chamaesyce celastroides*, *Cyperus phleoides*, *Dodonaea viscosa*, *Fimbristylis cymosa*, *Heteropogon contortus*, *Jacquemontia ovalifolia*, *Lipochaeta* spp., *Lycium sandwicense*, *Lysimachia mauritiana*, *Melanthera integrifolia*, *Panicum fauriei*, *Panicum torridum*, *Scaevola sericea*, *Sida fallax*, or *Wikstroemia uva-ursi*; and
- (ii) Elevations between 0 and 147 m (0 and 483 ft).

Family Gesneriaceae: *Cyrtandra cyaneoides* (mapele)

Kauai 4—*Cyrtandra cyaneoides*—a, Kauai 11—*Cyrtandra cyaneoides*—b, and Kauai 11—*Cyrtandra cyaneoides*—c, identified in the legal descriptions in paragraph (a)(1) of this section, constitute critical habitat for *Cyrtandra cyaneoides* on Kauai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Talus rubble on steep slopes or cliffs with water seeps running below, near streams or waterfalls in lowland or montane wet forest or shrubland dominated by *Metrosideros polymorpha* or a mixture of *Metrosideros polymorpha*, *Cheirodendron* spp., and