

paragraph (a)(1) of this section, constitutes critical habitat for *Schiedea nuttallii* 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) Cliffs in lowland diverse mesic forest dominated by *Metrosideros polymorpha* and containing one or more of the following associated native plant species: *Antidesma platyphyllum* var. *hillebrandii*, *Bidens valida*, *Chamaesyce celastroides*, *Eragrostis variabilis*, *Hedyotis acuminata*, *Hedyotis fluvialis*, *Heteropogon contortus*, *Lepidium* spp., *Lobelia niihauensis*, *Psychotria* spp., *Perrottetia sandwicensis*, or *Pisonia* spp.; and
- (ii) Elevations between 127 and 702 m (418 and 2,303 ft).

Family Caryophyllaceae: *Schiedea spergulina* var. *leiopoda* (NCN)

Kauai 9—*Schiedea spergulina* var. *leiopoda*—a, identified in the legal description in paragraph (a)(1) of this section, constitutes critical habitat for *Schiedea spergulina* var. *leiopoda* 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) Bare rock outcrops or sparsely vegetated portions of rocky cliff faces or cliff bases in diverse lowland dry to mesic forests and containing one or more of the following native plant species: *Acacia koa*, *Artemisia australis*, *Bidens sandwicensis*, *Carex meyenii*, *Chamaesyce celastroides*, *Dianella sandwicensis*, *Doryopteris* spp., *Eragrostis variabilis*, *Erythrina sandwicensis*, *Gahnia* spp., *Heliotropium* spp., *Lepidium serra*, *Lipochaeta connata*, *Microlepia strigosa*, *Nestegis sandwicensis*, *Nototrichium sandwicense*, *Panicum lineale*, *Peucedanum sandwicense*, or *Wilkesia gymnoxiphium*; and
- (ii) Elevations between 21 and 90 m (69 and 294 ft).

Family Caryophyllaceae: *Schiedea spergulina* var. *spergulina* (NCN)

Kauai 11—*Schiedea spergulina* var. *spergulina*—a, Kauai 11—*Schiedea spergulina* var. *spergulina*—b, and Kauai 13—*Schiedea spergulina* var. *spergulina*—c, identified in the legal descriptions in paragraph (a)(1) of this section, constitute critical habitat for *Schiedea spergulina* var. *spergulina* 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) Bare rock outcrops or sparsely vegetated portions of rocky cliff faces or cliff bases in diverse lowland dry to mesic forests and containing one or more of the following associated plant species: *Acacia koa*, *Artemisia australis*, *Bidens sandwicensis*, *Carex meyenii*, *Chamaesyce celastroides*, *Dianella sandwicensis*, *Doryopteris* spp., *Eragrostis variabilis*, *Erythrina sandwicensis*, *Gahnia* spp., *Heliotropium* spp., *Lepidium serra*, *Lipochaeta connata*, *Microlepia strigosa*, *Nestegis sandwicensis*, *Nototrichium sandwicense*, *Panicum lineale*, *Peucedanum sandwicense*, or *Wilkesia gymnoxiphium*; and
- (ii) Elevations between 145 and 829 m (474 and 2,718 ft).

Family Caryophyllaceae: *Schiedea stellarioides* (lauhilihi (=maolioli))

Kauai 11—*Schiedea stellarioides*—a, and Kauai 11—*Schiedea stellarioides*—b, identified in the legal descriptions in paragraph (a)(1) of this section, constitute critical habitat for *Schiedea stellarioides* 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 in closed *Acacia koa*-*Metrosideros polymorpha* lowland or montane mesic forest or shrubland and containing one or more of the following native plant species: *Alsinidendron viscosum*, *Artemisia australis*, *Bidens cosmoides*, *Chenopodium* spp., *Dianella sandwicensis*, *Dodonaea viscosa*, *Mariscus* spp., *Melicope* spp., *Nototrichium sandwicense*, *Pipturus* spp., *Leptecophylla tameiameia*, *Syzygium sandwicensis*, or *Zanthoxylum dipetalum*; and
- (ii) Elevations between 376 and 1,251 m (1,135 and 4,102 ft).

Family Convolvulaceae: *Bonamia menziesii* (NCN)

Kauai 10—*Bonamia menziesii*—a, and Kauai 11—*Bonamia menziesii*—b, identified in the legal descriptions in paragraph (a)(1) of this section, constitute critical habitat for *Bonamia menziesii* 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, mesic, or wet *Metrosideros polymorpha*-*Cheirodendron-Dicranopteris* forest and containing one or more of the following native plant species: *Antidesma platyphyllum*, *Alphitonia ponderosa*, *Acacia koa*, *Cyanea* spp., *Cyrtandra pickeringii*, *Cyrtandra limahuliensis*, *Dianella sandwicensis*, *Diospyros sandwicensis*,

Dodonaea viscosa, *Dubautia knudsenii*, *Hedyotis terminalis*, *Isodendron longifolium*, *Labordia hirtella*, *Melicope anisata*, *Melicope barbigera*, *Myoporum sandwicense*, *Nestegis sandwicensis*, *Pisonia* spp., *Pittosporum* spp., *Pouteria sandwicensis*, *Psychotria mariniana*, *Psychotria hexandra*, *Psydrax odorata*, *Sapindus oahuensis*, *Scaevola procera*, or *Syzygium sandwicensis*; and

- (ii) Elevations between 566 and 1,127 m (1,858 and 3,695 ft).

Family Cyperaceae: *Cyperus trachysanthos* (puukaa)

Kauai 11—*Cyperus trachysanthos*—a, identified in the legal description in paragraph (a)(1) of this section, constitutes critical habitat for *Cyperus trachysanthos* 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) Wet sites (mud flats, wet clay soil, or wet cliff seeps) on seepy flats or talus slopes and containing the native plant species *Talipariti tiliaceum*; and
- (ii) Elevations between 0 and 235 m (0 and 771 ft).

Family Cyperaceae: *Mariscus pennatiformis* (NCN)

Kauai 11—*Mariscus pennatiformis*—a, identified in the legal description in paragraph (a)(1) of this section, constitutes critical habitat for *Mariscus pennatiformis* 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) Open sites in *Metrosideros polymorpha*-*Acacia koa* mixed mesic forest and containing one or more of the following associated native plant species: *Alsinidendron viscosum*, *Antidesma platyphyllum* var. *hillebrandii*, *Carex alligata*, *Cyperus laevigatus*, *Dianella sandwicensis*, *Diospyros hillebrandii*, *Diospyros sandwicensis*, *Dodonaea viscosa*, *Leptecophylla tameiameia*, *Myrsine linearifolia*, *Nestegis sandwicensis*, *Panicum nephelophilum*, *Poa sandwicensis*, *Psydrax odorata*, *Schiedea stellarioides*, or endemic ferns; and
- (ii) Elevations between 605 and 1,065 m (1,983 and 3,493 ft).

Family Euphorbiaceae: *Chamaesyce halemanui* (NCN)

Kauai 11—*Chamaesyce halemanui*—a, Kauai 11—*Chamaesyce halemanui*—b, and Kauai 11—*Chamaesyce halemanui*—c, identified in the legal descriptions in paragraph (a)(1) of this section, constitute critical habitat for