

include, but are not limited to, the habitat components provided by:

- (i) Mesic and wet *Metrosideros polymorpha* forest and *Metrosideros polymorpha*-*Acacia koa* forest; and
- (ii) Elevations between 424 and 1,032 m (1,391 and 3,385 ft).

Family Euphorbiaceae: *Chamaesyce celastroides* var. *kaenana* (akoko)

Oahu 1—*Chamaesyce celastroides* var. *kaenana*—a, Oahu 3—*Chamaesyce celastroides* var. *kaenana*—b, Oahu 4—*Chamaesyce celastroides* var. *kaenana*—c, Oahu 5—*Chamaesyce celastroides* var. *kaenana*—d, and Oahu 35—*Chamaesyce celastroides* var. *kaenana*—e, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Chamaesyce celastroides* var. *kaenana* on Oahu. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Windward talus slopes, leeward rocky cliffs, open grassy slopes, or vegetated cliff faces in coastal dry shrubland and containing one or more of the following associated native plant species: *Artemisia australis*, *Boerhavia* sp., *Chamaesyce celastroides* var. *amplectans*, *Dodonaea viscosa*, *Gossypium tomentosum*, *Heteropogon contortus*, *Jacquemontia ovalifolia* ssp. *sandwicensis*, *Lipochaeta lobata*, *Myoporum sandwicense*, *Plumbago zeylanica*, *Psilotum nudum*, *Psydrax odorata*, *Santalum freycinetianum*, *Sida fallax* or *Waltheria indica*; and
- (ii) Elevations between 1 and 862 m (3 and 2,827 ft).

Family Euphorbiaceae: *Chamaesyce deppeana* (akoko)

Oahu 20—*Chamaesyce deppeana*—a and Oahu 35—*Chamaesyce deppeana*—b, identified in the legal description in paragraph (i) of this section, constitute critical habitat for *Chamaesyce deppeana* on Oahu. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Windward-facing ridge crests, cliff faces, and mixed native cliffs and containing one or more of the following associated native plant species: *Bidens sandwicensis* or *Metrosideros polymorpha*; and
- (ii) Elevations from 274 to 661 m (899 to 2,168 ft).

Family Euphorbiaceae: *Chamaesyce herbstii* (akoko)

Oahu 4—*Chamaesyce herbstii*—a, Oahu 15—*Chamaesyce herbstii*—b, and

Oahu 15—*Chamaesyce herbstii*—c, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Chamaesyce herbstii* on Oahu. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Shaded gulch bottoms and slopes in mesic *Acacia koa*-*Metrosideros polymorpha* lowland forests or diverse mesic forests and containing one or more of the following associated native plant species: *Antidesma platyphyllum*, *Coprosma* sp., *Diplazium sandwichianum*, *Hedyotis* sp., *Hibiscus arnottianus* var. *arnottianus*, *Melicope* sp., *Morinda trimera*, *Pipturus albidus*, *Pouteria sandwicensis*, *Pteralyxia* sp., *Urera glabra*, or *Xylosma* sp.; and
- (ii) Elevations between 433 and 928 m (1,420 and 3,044 ft).

Family Euphorbiaceae: *Chamaesyce kuwaleana* (akoko)

Oahu 9—*Chamaesyce kuwaleana*—a, Oahu 11—*Chamaesyce kuwaleana*—b, Oahu 12—*Chamaesyce kuwaleana*—c, Oahu 15—*Chamaesyce kuwaleana*—d, Oahu 22—*Chamaesyce kuwaleana*—e, Oahu 23—*Chamaesyce kuwaleana*—f, and Oahu 26—*Chamaesyce kuwaleana*—g, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Chamaesyce kuwaleana* on Oahu. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Thin guano soil on basaltic rock; arid, exposed volcanic cliffs; dry or mesic rocky ridges; or sparsely vegetated slopes and containing one or more of the following associated native plant species: *Artemisia* sp., *Bidens* sp., *Carex* sp., *Chamaesyce* sp., *Dodonaea viscosa*, *Heteropogon contortus*, *Plectranthus parviflorus*, *Schiedea* sp., or *Sida fallax*; and
- (ii) Elevations between 0 and 596 m (0 and 1,955 ft).

Family Euphorbiaceae: *Chamaesyce rockii* (akoko)

Oahu 20—*Chamaesyce rockii*—a, Oahu 20—*Chamaesyce rockii*—b, and Oahu 20—*Chamaesyce rockii*—c, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Chamaesyce rockii* on Oahu. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Gulch slopes, gulch bottoms, and ridge crests in wet *Metrosideros*

polymorpha-*Dicranopteris linearis* forest and shrubland and containing one or more of the following associated native plant species: *Antidesma platyphyllum*, *Bidens* sp., *Broussaisia arguta*, *Cibotium* sp., *Coprosma longifolia*, *Diplopterygium pinnatum*, *Dubautia laxa*, *Hedyotis terminalis*, *Machaerina* sp., *Melicope* spp., *Myrsine juddii*, *Psychotria fauriei*, *Psychotria* spp., or *Wikstroemia* sp.; and

- (ii) Elevations between 208 and 867 m (682 and 2,844 ft).

Family Euphorbiaceae: *Euphorbia haeleeleana* (akoko)

Oahu 3—*Euphorbia haeleeleana*—a and Oahu 4—*Euphorbia haeleeleana*—b, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Euphorbia haeleeleana* on Oahu. 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 forest dominated by *Diospyros* sp. and containing one or more of the following associated native plant species: *Dodonaea viscosa*, *Erythrina sandwicensis*, *Pleomele* sp., *Psydrax odorata*, *Reynoldsia sandwicensis*, or *Sapindus oahuensis*; and
- (ii) Elevations between 156 and 526 m (512 and 1,725 ft).

Family Euphorbiaceae: *Flueggea neowawraea* (mehamehame)

Oahu 4—*Flueggea neowawraea*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Flueggea neowawraea* on Oahu. Within this unit, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Gulch slopes, ridge crests, or near streams in dry or mesic forest and containing one or more of the following associated native plant species: *Alyxia oliviformis*, *Antidesma platyphyllum*, *Antidesma pulvinatum*, *Bobea* sp., *Chamaesyce herbstii*, *Chamaesyce multiformis*, *Charpentiera* sp., *Claoxylon sandwicense*, *Diospyros hillebrandii*, *Diospyros sandwicensis*, *Erythrina sandwicensis*, *Hedyotis terminalis*, *Hibiscus arnottianus*, *Metrosideros polymorpha*, *Morinda trimera*, *Myoporum sandwicense*, *Myrsine* sp., *Nestegis sandwicensis*, *Pipturus albidus*, *Pisonia sandwicensis*, *Pisonia umbellifera*, *Pittosporum* sp., *Pleomele* sp., *Psydrax odorata*, *Pteralyxia* sp., *Rauvolfia sandwicensis*, *Sapindus oahuensis*, or *Streblus pendulina*; and