

(ii) Elevations between 335 to 1,006 m (1,099 to 3,300 ft).

Family Fabaceae: *Sesbania tomentosa* (ohai)

Oahu 1—*Sesbania tomentosa*—a and Oahu 18—*Sesbania tomentosa*—b, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Sesbania tomentosa* 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) Cliff faces, broken basalt, or sand dunes with rock outcrops in *Scaevola sericea* coastal dry shrubland or *Sporobolus virginicus* mixed grasslands and containing one or more of the following associated native plant species: *Heliotropium* sp., *Jacquemontia ovalifolia* ssp. *sandwicensis*, *Melanthera* sp., *Myoporum sandwicense*, or *Sida fallax*; and

(ii) Elevations between sea level and 152 m (0 and 499 ft).

Family Fabaceae: *Vigna o-wahuensis* (NCN)

Oahu 1—*Vigna o-wahuensis*—a, Oahu 24—*Vigna o-wahuensis*—b, Oahu 25—*Vigna o-wahuensis*—c, and Oahu 26—*Vigna o-wahuensis*—d, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Vigna o-wahuensis* 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) Open dry fossil reef, with shrubs or grasses or fairly steep slopes; and

(ii) Elevations between 0 and 301 m (0 and 987 ft).

Family Gentianaceae: *Centaurium sebaeoides* (awiwi)

Oahu 1—*Centaurium sebaeoides*—a and Oahu 27—*Centaurium sebaeoides*—b, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Centaurium sebaeoides* 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) Volcanic or clay soils or cliffs in arid coastal areas or on coral plains and containing one or more of the following associated native plant species: *Artemisia* sp., *Bidens* sp., *Jacquemontia ovalifolia* ssp. *sandwicensis*, *Lipochaeta succulenta*, or *Lysimachia* sp.; and

(ii) Elevations between 1 and 161 m (3 and 528 ft).

Family Gesneriaceae: *Cyrtandra dentata* (haiwale)

Oahu 4—*Cyrtandra dentata*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Cyrtandra dentata* 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) Gulches, slopes, stream banks, or ravines in mesic or wet forest and containing one or more of the following associated native plant species: *Acacia koa*, *Metrosideros polymorpha*, *Pipturus albidus*, *Pisonia sandwicensis*, *Pisonia umbellifera*, *Pouteria sandwicensis*, *Syzygium sandwicensis*, or *Urera glabra*; and

(ii) Elevations between 319 and 880 m (1,046 and 2,886 ft).

Family Gesneriaceae: *Cyrtandra polyantha* (haiwale)

Oahu 35—*Cyrtandra polyantha*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Cyrtandra polyantha* 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) Ridges of valleys in *Metrosideros polymorpha* mesic or wet forests and containing one or more of the following associated native plant species: *Broussaisia arguta*, *Coprosma foliosa*, *Dicranopteris linearis*, *Machaerina angustifolia*, or *Psychotria* sp.; and

(ii) Elevations between 312 and 783 m (1,023 and 2,568 ft).

Family Gesneriaceae: *Cyrtandra subumbellata* (haiwale)

Oahu 20—*Cyrtandra subumbellata*—a and Oahu 20—*Cyrtandra subumbellata*—b, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Cyrtandra subumbellata* 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) Moist slopes or gulch bottoms in wet forest dominated by *Metrosideros polymorpha* or a mixture of *Metrosideros polymorpha*-*Dicranopteris linearis*-*Acacia koa* and containing one or more of the following associated native plant species: *Boehmeria grandis*, *Broussaisia arguta*, *Machaerina* sp., or *Thelypteris* sp.; and

(ii) Elevations between 167 and 841 m (548 and 2,758 ft).

Family Gesneriaceae: *Cyrtandra viridiflora* (haiwale)

Oahu 20—*Cyrtandra viridiflora*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Cyrtandra viridiflora* 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) Wind blown ridge tops in cloud-covered wet forest or shrubland and containing one or more of the following associated native plant species: *Broussaisia arguta*, *Cheirodendron platyphyllum*, *Dicranopteris linearis*, *Diplopterygium pinnatum*, *Dubautia* sp., *Freycinetia arborea*, *Hedyotis* sp., *Ilex anomala*, *Machaerina* sp., *Melicope* sp., *Metrosideros polymorpha*, *Metrosideros rugosa*, *Psychotria* sp., or *Syzygium sandwicensis*; and

(ii) Elevations between 443 and 867 m (1,453 and 2,844 ft).

Family Lamiaceae: *Phyllostegia hirsuta* (NCN)

Oahu 4—*Phyllostegia hirsuta*—a, Oahu 15—*Phyllostegia hirsuta*—b, Oahu 15—*Phyllostegia hirsuta*—c, and Oahu 20—*Phyllostegia hirsuta*—d, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Phyllostegia hirsuta* 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) Steep, shaded slopes, cliffs, ridges, gullies, or stream banks in mesic or wet forests dominated by *Metrosideros polymorpha* or a mixture of *Metrosideros polymorpha* and *Dicranopteris linearis* and containing one or more of the following associated native plant species: *Antidesma platyphyllum*, *Astelia* sp., *Broussaisia arguta*, *Chamaesyce multiformis*, *Cibotium* sp., *Claoxylon sandwicense*, *Clermontia kakeana*, *Coprosma longifolia*, *Cyanea membranacea*, *Cyrtandra waianaensis*, *Diplazium sandwichianum*, *Dryopteris unidentata*, *Dubautia laxa*, *Dubautia sherffiana*, *Elaeocarpus bifidus*, *Freycinetia arborea*, *Hedyotis schlechtendahlana*, *Hedyotis terminalis*, *Hibiscus* sp., *Ilex anomala*, *Labordia kaalae*, *Liparis hawaiiensis*, *Lysimachia hillebrandii*, *Machaerina angustifolia*, *Melicope* sp., *Myrsine lessertiana*, *Myrsine sandwicensis*, *Neraudia* sp., *Nothoctrum* sp., *Perrottetia sandwicensis*, *Phyllostegia grandiflora*, *Pipturus* sp., *Pisonia* sp., *Pleomele* sp., *Pouteria sandwicensis*, *Psychotria* sp., *Rumex albescens*, *Scaevola*

gaudichaudiana, *Streblus pendulinus*, *Zanthoxylum kauaense*, or native ferns; and

(ii) Elevations between 195 and 1,202 m (640 and 3,943 ft).

Family Lamiaceae: *Phyllostegia kaalaensis* (NCN)

Oahu 4—*Phyllostegia kaalaensis*—a, Oahu 4—*Phyllostegia kaalaensis*—b, Oahu 4—*Phyllostegia kaalaensis*—c, Oahu 4—*Phyllostegia kaalaensis*—d, Oahu 4—*Phyllostegia kaalaensis*—e, and Oahu 15—*Phyllostegia kaalaensis*—f, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Phyllostegia kaalaensis* 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 or bottoms or almost vertical rock faces in mesic forest or *Sapindus oahuensis* forest and containing one or more of the following associated native plant species:

Antidesma platyphyllum, *Claoxylon sandwicense*, *Diplazium sandwichianum*, *Freycinetia arborea*, *Hibiscus* sp., *Myrsine lanaiensis*, *Myrsine lessertiana*, *Neraudia melastomifolia*, *Pipturus albidus*, *Pouteria sandwicensis*, *Psychotria hathewayi*, *Streblus pendulinus*, or *Urera glabra*; and

(ii) Elevations between 248 and 878 m (813 and 2,880 ft).

Family Lamiaceae: *Phyllostegia mollis* (NCN)

Oahu 15—*Phyllostegia mollis*—a and Oahu 15—*Phyllostegia mollis*—b, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Phyllostegia mollis* 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) Steep slopes or gulches in diverse mesic to wet forests and containing one or more of the following associated native plant species: *Acacia koa*, *Alyxia oliviformis*, *Antidesma platyphyllum*, *Carex meyenii*, *Chamaesyce multiformis*, *Claoxylon sandwicense*, *Diospyros hillebrandii*, *Dryopteris unidentata*, *Metrosideros polymorpha*, *Myrsine* sp., *Pipturus albidus*, *Pisonia umbellifera*, *Pouteria sandwicensis*, *Psychotria hathewayi*, or *Urera glabra*; and

(ii) Elevations between 519 to 928 m (1,702 to 3,044 ft).

Family Lamiaceae: *Phyllostegia parviflora* (NCN)

Oahu 20—*Phyllostegia parviflora*—d, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Phyllostegia parviflora* var. *lydgatei* 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) Moderate to steep slopes in mesic forest and containing one or more of the following associated native plant species: *Antidesma platyphyllum*, *Chamaesyce multiformis*, *Claoxylon sandwicense*, *Coprosma foliosa*, *Dryopteris unidentata*, *Myrsine lessertiana*, *Pipturus albidus*, *Pouteria sandwicensis*, *Selaginella arbuscula*, or *Xylosma hawaiiense*; and

(ii) Elevations between 529 to 881 m (1,800 to 2,890 ft).

Oahu 15—*Phyllostegia parviflora*—a, Oahu 15—*Phyllostegia parviflora*—b, and Oahu 15—*Phyllostegia parviflora*—c, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Phyllostegia parviflora* var. *parviflora* 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) *Metrosideros polymorpha* mixed lowland wet forest and containing one or more of the following associated native plant species: *Antidesma* sp., *Broussaisia arguta*, *Cheirodendron* sp., *Cibotium* sp., *Cyrtandra* sp., *Dicranopteris linearis*, *Melicope* sp., *Phyllostegia glabra*, *Pipturus* sp., *Pritchardia* sp., *Tetraplasandra* sp., *Touchardia latifolia*, or *Syzygium sandwicensis*; and

(ii) Elevations between 232 to 881 m (761 to 2,890 ft).

Family Lamiaceae: *Stenogyne kanehoana* (NCN)

Oahu 15—*Stenogyne kanehoana*—a and Oahu 15—*Stenogyne kanehoana*—b, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Stenogyne kanehoana* 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) Lowland mesic forest and containing one or more of the following associated native plant species: *Acacia koa*, *Alyxia oliviformis*, *Bidens* sp., *Chamaesyce* sp., *Cibotium* sp., *Freycinetia arborea*, *Metrosideros polymorpha*, *Psychotria* sp., or *Scaevola* sp.; and

(ii) Elevations between 559 and 1,168 m (1,834 and 3,831 ft).

Family Loganiaceae: *Labordia cyrtandrae* (kamakahala)

Oahu 4—*Labordia cyrtandrae*—a, Oahu 20—*Labordia cyrtandrae*—b, and Oahu 20—*Labordia cyrtandrae*—c, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Labordia cyrtandrae* 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) Shady gulches, slopes, or glens in mesic to wet forests and shrublands dominated by *Metrosideros polymorpha*, *Diplopterygium pinnatum*, and/or *Acacia koa* and containing one or more of the following associated native plant species: *Antidesma* sp., *Artemisia australis*, *Bidens torta*, *Boehmeria grandis*, *Broussaisia arguta*, *Chamaesyce* sp., *Coprosma* sp., *Cyrtandra* sp., *Dicranopteris linearis*, *Diplazium sandwichianum*, *Dubautia plantaginea*, *Lysimachia hillebrandii*, *Peperomia membranacea*, *Perrottetia sandwicensis*, *Phyllostegia* sp., *Pipturus albidus*, *Pouteria sandwicensis*, *Psychotria* sp., or *Rumex* sp.; and

(ii) Elevations between 232 and 1,233 m (761 and 4,044 ft).

Family Malvaceae: *Abutilon sandwicense* (NCN)

Oahu 4—*Abutilon sandwicense*—a, Oahu 4—*Abutilon sandwicense*—b, Oahu 4—*Abutilon sandwicense*—c, Oahu 15—*Abutilon sandwicense*—d, Oahu 15—*Abutilon sandwicense*—e, and Oahu 17—*Abutilon sandwicense*—f, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Abutilon sandwicense* 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) Steep slopes or gulches in dry to mesic lowland forest and containing one or more of the following associated native plant species: *Antidesma pulvinatum*, *Diospyros sandwicensis*, *Elaeocarpus bifidus*, *Eugenia reinwardtiana*, *Hibiscus arnottianus*, *Metrosideros polymorpha*, *Myrsine lanaiensis*, *Nestegis sandwicensis*, *Pipturus albidus*, *Pisonia* sp., *Pittosporum* sp., *Pleomele* sp., *Psydrax odorata*, *Rauwolfia sandwicensis*, *Reynoldsia sandwicensis*, or *Sapindus oahuensis*; and

(ii) Elevations between 215 and 725 m (705 and 2,378 ft).

Family Malvaceae: *Hibiscus brackenridgei* (mao hau hele)

(i) Oahu 1—*Hibiscus brackenridgei*—a and Oahu 4—*Hibiscus brackenridgei*—b, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Hibiscus brackenridgei* ssp. *mokuleianus* 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:

(A) Slopes, cliffs, or arid ledges in lowland dry forest or shrubland and containing one or more of the following associated native plant species: *Bidens amplexans*, *Chamaesyce* sp., *Diospyros hillebrandii*, *Dodonaea viscosa*, *Doryopteris* sp., *Erythrina sandwicensis*, *Heteropogon contortus*, *Lepidium bidentatum*, *Melanthera remyi*, *Pleomele halapepe*, *Psyrax odorata*, *Reynoldsia sandwicensis*, *Sida fallax*, or *Waltheria indica*; and

(B) Elevations between 32 to 490 m (105 to 1,607 ft).

(ii) Oahu 5—*Hibiscus brackenridgei*—c, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Hibiscus brackenridgei* ssp. *molokaiana* 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:

(A) Dry shrublands containing one or more of the following associated native plant species: *Doryopteris* sp., *Dodonaea viscosa*, *Heteropogon contortus*, *Sida fallax*, or *Waltheria indica*; and

(B) Elevations between 32 to 490 m (105 to 1,607 ft).

Family Myrsinaceae: *Myrsine juddii* (kolea)

Oahu 20—*Myrsine juddii*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Myrsine juddii* 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) Ridge crests or gulch slopes in wet forests or shrublands dominated by *Metrosideros polymorpha* or a mixture of *Metrosideros polymorpha* and *Dicranopteris linearis* and containing one or more of the following associated native plant species: *Cheirodendron platyphyllum*, *Cheirodendron trigynum*, *Machaerina* sp., *Melicope clusiifolia*, *Psychotria marianiana*, or *Syzygium sandwicensis*; and

(ii) Elevations between 384 and 867 m (1,260 and 2,844 ft).

Family Myrtaceae: *Eugenia koolauensis* (nioi)

Oahu 4—*Eugenia koolauensis*—a, Oahu 19—*Eugenia koolauensis*—b, and Oahu 20—*Eugenia koolauensis*—c, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Eugenia koolauensis* 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) Gentle to steep slopes or ridges in mesic or dry forests dominated by *Metrosideros polymorpha* or *Diospyros* sp. and containing one or more of the following associated native plant species: *Alyxia oliviformis*, *Bobea elatior*, *Carex meyenii*, *Dicranopteris linearis*, *Leptecophylla tameiameiae*, *Myrsine lessertiana*, *Nestegis sandwicensis*, *Pleomele halapepe*, *Pouteria sandwicensis*, *Psyrax odorata*, or *Rauwolfia sandwicensis*; and

(ii) Elevations between 57 to 437 m (187 to 1,433 ft).

Family Orchidaceae: *Platanthera holochila* (NCN)

Oahu 20—*Platanthera holochila*—a and Oahu 20—*Platanthera holochila*—b, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Platanthera holochila* 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) *Metrosideros polymorpha*-*Dicranopteris linearis* wet forest or *Metrosideros polymorpha* mixed shrubland and containing one or more of the following associated native plant species: *Broussaisia arguta*, *Cibotium* sp., *Clermontia* sp., *Coprosma* sp., *Dubautia* sp., *Gahnia* sp., *Leptecophylla tameiameiae*, *Luzula hawaiiensis*, *Lycopodiella cernua*, *Lythrum maritimum*, *Polypodium pellucidum*, *Sadleria* sp., *Scaevola* sp., *Vaccinium reticulatum*, or *Wikstroemia* sp.; and

(ii) Elevations between 448 and 848 m (1,469 and 2,781 ft).

Family Plantaginaceae: *Plantago princeps* (laukahi kuahiwi)

(i) Oahu 20—*Plantago princeps*—d and Oahu 20—*Plantago princeps*—e, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Plantago princeps* var. *longibracteata* 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:

(A) Sides of waterfalls or wet rock faces and containing one or more of the following associated native plant species: *Bidens* sp., *Coprosma granadensis*, *Eugenia* sp., *Lobelia gaudichaudii*, *Metrosideros rugosa*, or *Scaevola glabra*; and

(B) Elevations between 211 and 885 m (692 and 2,903 ft).

(ii) Oahu 4—*Plantago princeps*—a, Oahu 4—*Plantago princeps*—b, and Oahu 15—*Plantago princeps*—c, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Plantago princeps* var. *princeps* 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:

(A) Slopes or ledges in *Metrosideros polymorpha* lowland mesic forests or shrublands and containing one or more of the following associated native plant species: *Artemisia australis*, *Bidens* sp., *Chamaesyce* sp., *Dubautia plantaginea*, *Eragrostis* sp., *Lysimachia* sp., *Pilea peploides*, or *Viola* sp.; and

(B) Elevations between 110 and 1,064 m (361 and 3,490 ft).

Family Poaceae: *Cenchrus agrimonioides* (kamanomano)

Oahu 4—*Cenchrus agrimonioides*—a, Oahu 4—*Cenchrus agrimonioides*—b, Oahu 15—*Cenchrus agrimonioides*—c, and Oahu 15—*Cenchrus agrimonioides*—d, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Cenchrus agrimonioides* var. *agrimonioides* 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 ridges, upper slopes, or ridges in lowland mixed mesic forest and containing one or more of the following associated native plant species: *Acacia koa*, *Alyxia oliviformis*, *Bobea* sp., *Carex wahuensis*, *Chamaesyce multiformis*, *Coprosma foliosa*, *Diospyros sandwicensis*, *Eragrostis variabilis*, *Gahnia beecheyi*, *Leptecophylla tameiameiae*, *Metrosideros polymorpha*, *Nestegis sandwicensis*, *Psychotria* sp., or *Psyrax odorata*; and

(ii) Elevations between 357 and 874 m (1,171 and 2,867 ft).

Family Poaceae: *Eragrostis fosbergii* (Fosberg's love grass)

Oahu 4—*Eragrostis fosbergii*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Eragrostis fosbergii* 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) Ridge crests or moderate slopes in dry or mesic forests and containing one or more of the following associated native plant species: *Acacia koa*, *Alyxia oliviformis*, *Bidens* sp., *Chamaesyce* sp., *Dodonaea viscosa*, *Doodia* sp., *Eragrostis grandis*, *Melicope* sp., *Metrosideros polymorpha*, *Nephrolepis exaltata*, *Psydrax odorata*, or *Sphenomeris* sp.; and

(ii) Elevations between 578 and 941 m (1,896 and 3,086 ft).

Family Primulaceae: *Lysimachia filifolia* (NCN)

Oahu 20—*Lysimachia filifolia*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Lysimachia filifolia* 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) Mossy banks at the base of cliff faces within the spray zone of waterfalls or along streams in lowland wet forests and containing one or more of the following associated native plant species: Mosses, ferns, liverworts, or *Pilea peploides*; and

(ii) Elevations between 65 and 798 m (213 and 2,617 ft).

Family Rhamnaceae: *Colubrina oppositifolia* (kauila)

Oahu 4—*Colubrina oppositifolia*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Colubrina oppositifolia* 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) Lowland dry or mesic forests dominated by *Diospyros sandwicensis* and containing one or more of the following associated native plant species: *Alyxia oliviformis*, *Nestegis sandwicensis*, *Psydrax odorata*, *Reynoldsia sandwicensis*, or *Sapindus oahuensis*; and

(ii) Elevations between 255 and 761 m (909 and 2,496 ft).

Family Rhamnaceae: *Gouania meyenii* (NCN)

Oahu 4—*Gouania meyenii*—a, Oahu 4—*Gouania meyenii*—b, Oahu 15—*Gouania meyenii*—c, and Oahu 31—*Gouania meyenii*—d, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Gouania meyenii* 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) Moderate to steep slopes in dry shrubland or mesic lowland forest and containing one or more of the following associated native plant species: *Alyxia oliviformis*, *Bidens* sp., *Canavalia* sp., *Carex meyenii*, *Chamaesyce* sp., *Charpentiera* sp., *Diospyros sandwicensis*, *Diospyros* sp., *Dodonaea viscosa*, *Dryopteris unidentata*, *Dubautia sherffiana*, *Eragrostis* sp., *Hedyotis* sp., *Hibiscus* sp., *Lysimachia* sp., *Melicope* sp., *Myrsine* sp., *Nestegis sandwicensis*, *Pisonia* sp., *Psychotria* sp., *Psydrax odorata*, *Sapindus oahuensis*, *Schiedea* sp., *Senna gaudichaudii*, *Sida fallax*, or *Sophora chrysophylla*; and

(ii) Elevations between 468 to 916 m (1,535 to 3,004 ft).

Family Rhamnaceae: *Gouania vitifoliae* (NCN)

Oahu 2—*Gouania vitifolia*—a, Oahu 3—*Gouania vitifolia*—b, Oahu 5—*Gouania vitifolia*—c, Oahu 4—*Gouania vitifolia*—d, Oahu 4—*Gouania vitifolia*—e, Oahu 4—*Gouania vitifolia*—f, Oahu 4—*Gouania vitifolia*—g, and Oahu 8—*Gouania vitifolia*—h, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Gouania vitifolia* 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) Sides of ridges or gulches in dry to mesic forests and containing one or more of the following associated native plant species: *Bidens* sp., *Carex meyenii*, *Chamaesyce* sp., *Diospyros sandwicensis*, *Dodonaea viscosa*, *Erythrina sandwicensis*, *Hedyotis* sp., *Hibiscus arnottianus*, *Melicope* sp., *Nestegis sandwicensis*, *Pipturus albidus*, *Psychotria* sp., or *Urena glabra*; and

(ii) Elevations between 50 to 944 m (164 to 3,096 ft).

Family Rubiaceae: *Gardenia manni* (nanu)

Oahu 15—*Gardenia manni*—a, Oahu 20—*Gardenia manni*—b, and Oahu 20—*Gardenia manni*—c, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Gardenia manni* 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) Moderate to moderately steep gulch slopes, ridge crests, gulch bottoms, and stream banks in mesic or wet forests and containing one or more

of the following associated native plant species: *Acacia koa*, *Alyxia oliviformis*, *Antidesma platyphyllum*, *Bobea* sp., *Boehmeria grandis*, *Broussaisia arguta*, *Cheirodendron* sp., *Cibotium* sp., *Coprosma foliosa*, *Dicranopteris linearis*, *Elaeocarpus* sp., *Freycinetia arborea*, *Hedyotis acuminata*, *Ilex anomala*, *Melicope* sp., *Metrosideros polymorpha*, *Perrottetia* sp., *Pipturus* sp., *Pisonia* sp., *Pouteria sandwicensis*, *Psychotria mariniana*, *Syzygium sandwicensis*, or *Thelypteris* sp.; and

(ii) Elevations between 239 and 1,050 m (784 and 3,444 ft).

Family Rubiaceae: *Hedyotis coriacea* (kioele)

Oahu 15—*Hedyotis coriacea*—a and Oahu 35—*Hedyotis coriacea*—b, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Hedyotis coriacea* 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) Steep, rocky slopes in dry to mesic *Dodonaea viscosa* dominated shrublands or forests and containing one or more of the following associated native plant species: *Alyxia oliviformis*, *Leptecophylla tameiameia*, or *Metrosideros polymorpha*; and

(ii) Elevations between 78 and 836 m (256 and 2,742 ft).

Family Rubiaceae: *Hedyotis degeneri* (NCN)

Oahu 4—*Hedyotis degeneri*—a and Oahu 4—*Hedyotis degeneri*—b, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Hedyotis degeneri* 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) Ridge crests in diverse mesic forest and containing one or more of the following associated native plant species: *Alyxia oliviformis*, *Carex meyenii*, *Chamaesyce multiflora*, *Cocculus* sp., *Dicranopteris linearis*, *Diospyros sandwicensis*, *Dodonaea viscosa*, *Gahnia* sp., *Hedyotis terminalis*, *Leptecophylla tameiameia*, *Lysimachia hillebrandii*, *Lobelia yuccoides*, *Metrosideros polymorpha*, *Pleomele* sp., *Psydrax odorata*, *Psychotria hathewayi*, or *Wikstroemia oahuensis*; and

(ii) Elevations between 360 and 1,083 m (1,181 and 3,552 ft).

Family Rubiaceae: *Hedyotis parvula* (NCN)

Oahu 4—*Hedyotis parvula*—a, Oahu 15—*Hedyotis parvula*—b, Oahu 15—*Hedyotis parvula*—c, and Oahu 15—*Hedyotis parvula*—d, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Hedyotis parvula* 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) Cliff faces or their bases, rock outcrops, or ledges in mesic habitat and containing one or more of the following associated native plant species: *Bidens* sp., *Carex* sp., *Chamaesyce* sp., *Dodonaea viscosa*, *Eragrostis* sp., *Metrosideros polymorpha*, *Metrosideros tremuloides*, *Plectranthus parviflorus*, *Psydrax odorata*, or *Rumex* sp.; and

(ii) Elevations between 427 and 1,165 m (1,401 and 3,821 ft).

Family Rutaceae: *Melicope lydgatei* (alani)

Oahu 20—*Melicope lydgatei*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Melicope lydgatei* 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) Ridges in mesic or wet forests containing one or more of the following associated native plant species: *Acacia koa*, *Bobea elatior*, *Dicranopteris linearis*, *Metrosideros polymorpha*, *Psychotria* sp., or *Syzygium sandwicensis*; and

(ii) Elevations between 101 and 671 m (331 and 2,201 ft).

Family Rutaceae: *Melicope pallida* (alani)

Oahu 4—*Melicope pallida*—a, Oahu 15—*Melicope pallida*—b, Oahu 15—*Melicope pallida*—c, Oahu 15—*Melicope pallida*—d, and Oahu 15—*Melicope pallida*—e, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Melicope pallida* 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) Steep rock faces in lowland dry or mesic forests containing one or more of the following associated native plant species: *Abutilon sandwicense*, *Acacia koa*, *Alyxia oliviformis*, *Bobea elatior*, *Cibotium* sp., *Dryopteris* sp., *Metrosideros polymorpha*, *Pipturus albidus*, *Psychotria mariniana*,

Sapindus oahuensis, *Syzygium sandwicense*, *Tetraplasandra* sp., *Wikstroemia oahuensis*, or *Xylosma hawaiiense*; and

(ii) Elevations between 234 to 841 m (768 to 2,758 ft).

Family Rutaceae: *Melicope saint-johnii* (alani)

Oahu 15—*Melicope saint-johnii*—a and Oahu 15—*Melicope saint-johnii*—b, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Melicope saint-johnii* 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) Ridges or gulch bottoms in mesic forest containing one or more of the following associated native plant species: *Alyxia oliviformis*, *Artemisia australis*, *Bidens torta*, *Carex wahuensis*, *Coprosma longifolia*, *Eragrostis* sp., *Hedyotis schlechtendahlana*, *Labordia kaalae*, *Lysimachia hillebrandii*, *Metrosideros polymorpha*, *Panicum beechyi*, *Pittosporum* sp., *Pipturus albidus*, *Pleomele halapepe*, *Psychotria hathewayi*, or *Rumex albescens*; and

(ii) Elevations between 494 and 943 m (1,620 and 3,093 ft).

Family Sapindaceae: *Alectryon macrococcus* (mahoe)

Oahu 4—*Alectryon macrococcus*—a and Oahu 15—*Alectryon macrococcus*—b, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Alectryon macrococcus* 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) Slopes, ridges, or gulches within mesic lowland forests containing one or more of the following associated native plant species: *Alyxia oliviformis*, *Antidesma platyphyllum*, *Canavalia* sp., *Charpentiera* sp., *Claoxylon sandwicense*, *Diospyros hillebrandii*, *Diospyros sandwicensis*, *Diplazium sandwichianum*, *Elaeocarpus bifidus*, *Hibiscus arnottianus*, *Metrosideros polymorpha*, *Myrsine lanaiensis*, *Neraudia* sp., *Nestegis sandwicensis*, *Pipturus albidus*, *Pisonia sandwicensis*, *Pouteria sandwicensis*, *Psychotria hathewayi*, *Psydrax odorata*, *Streblus pendulinus*, or *Xylosma* sp.; and

(ii) Elevations between 476 and 820 m (1,561 and 2,690 ft).

Family Solanaceae: *Solanum sandwicense* (aiakeaakua, popolo)

Oahu 4—*Solanum sandwicense*—a, Oahu 15—*Solanum sandwicense*—b, and Oahu 15—*Solanum sandwicense*—c, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Solanum sandwicense* 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) Talus slopes or streambeds in open, sunny areas containing one or more of the following associated native plant species: *Pisonia* sp. or *Psychotria* sp.; and

(ii) Elevations between 471 and 1,006 m (1,545 and 3,300 ft).

Family Urticaceae: *Neraudia angulata* (NCN)

(i) Oahu 3—*Neraudia angulata*—a, Oahu 4—*Neraudia angulata*—b, Oahu 4—*Neraudia angulata*—c, Oahu 4—*Neraudia angulata*—d, Oahu 4—*Neraudia angulata*—e, and Oahu 15—*Neraudia angulata*—f, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Neraudia angulata* var. *angulata* 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:

(A) Slopes, ledges, or gulches in lowland mesic or dry forest containing one or more of the following associated native plant species: *Artemisia australis*, *Bidens* sp., *Carex meyenii*, *Diospyros* sp., *Dodonaea viscosa*, *Hibiscus* sp., *Nestegis sandwicensis*, *Pisonia sandwicensis*, *Psydrax odorata*, or *Sida fallax*; and

(B) Elevations between 134 and 881 m (440 and 2,890 ft).

(ii) Oahu 3—*Neraudia angulata*—a, Oahu 4—*Neraudia angulata*—b, Oahu 4—*Neraudia angulata*—c, Oahu 4—*Neraudia angulata*—d, Oahu 4—*Neraudia angulata*—e, and Oahu 15—*Neraudia angulata*—f, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Neraudia angulata* var. *dentata* 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:

(A) Cliffs, rock embankments, gulches, or slopes in mesic or dry forests containing one or more of the following associated native plant species: *Alyxia oliviformis*, *Antidesma pulvinatum*, *Artemisia australis*, *Bidens torta*,

Canavalia sp., *Carex* sp., *Charpentiera* sp., *Diospyros hillebrandii*, *Diospyros sandwicensis*, *Dodonaea viscosa*, *Eragrostis* sp., *Hibiscus* sp., *Metrosideros polymorpha*, *Myrsine lanaiensis*, *Nestegis sandwicensis*, *Pisonia* sp., *Psydrax odorata*, *Rauvolfia sandwicensis*, *Sapindus oahuensis*, *Sida fallax*, or *Streblus pendulinus*; and

(B) Elevations between 134 and 881 m (440 and 2,890 ft).

Family Urticaceae: *Urera kaalae* (opuhe)

Oahu 4—*Urera kaalae*—a, Oahu 4—*Urera kaalae*—b, Oahu 15—*Urera kaalae*—c, Oahu 15—*Urera kaalae*—d, Oahu 15—*Urera kaalae*—e, and Oahu 15—*Urera kaalae*—f, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Urera kaalae* 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) Slopes or gulches in diverse mesic forest containing one or more of the following associated native plant species: *Alyxia oliviformis*, *Antidesma platyphyllum*, *Asplenium kaulfusii*, *Athyrium* sp., *Canavalia* sp., *Chamaesyce* sp., *Charpentiera* sp., *Claoxylon sandwicense*, *Diospyros hillebrandii*, *Doryopteris* sp., *Freycinetia arborea*, *Hedyotis acuminata*, *Hibiscus* sp., *Nestegis sandwicensis*, *Pipturus albidus*, *Pleomele* sp., *Pouteria sandwicensis*, *Psychotria* sp., *Senna gaudichaudii*, *Streblus pendulinus*, *Urera glabra*, or *Xylosma hawaiiense*; and

(ii) Elevations between 439 and 995 m (1,440 and 3,264 ft).

Family Violaceae: *Isodendron laurifolium* (aupaka)

Oahu 4—*Isodendron laurifolium*—a, Oahu 4—*Isodendron laurifolium*—b, and Oahu 35—*Isodendron laurifolium*—c, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Isodendron laurifolium* 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, ravines, or ridges in diverse mesic or dry forest dominated by *Metrosideros polymorpha*, *Acacia koa*, *Eugenia reinwardtiana*, or *Diospyros sandwicensis* and containing one or more of the following associated native plant species: *Alyxia oliviformis*, *Antidesma platyphyllum*, *Antidesma pulvinatum*, *Carex wahuensis*, *Charpentiera tomentosa*, *Doodia* sp., *Dryopteris unidentata*, *Hedyotis*

terminalis, *Hibiscus arnottianus*, *Nestegis sandwicensis*, *Pisonia* sp., *Pouteria sandwicensis*, *Psydrax odorata*, *Rauvolfia sandwicensis*, *Sapindus* sp., *Smilax melastomifolia*, or *Xylosma hawaiiense*; and

(ii) Elevations between 180 and 959 m (590 and 3,146 ft).

Family Violaceae: *Isodendron longifolium* (aupaka)

Oahu 4—*Isodendron longifolium*—a and Oahu 20—*Isodendron longifolium*—b, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Isodendron longifolium* 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) Steep slopes or stream banks in mixed mesic or lowland wet *Metrosideros polymorpha*-*Dicranopteris linearis* forest containing one or more of the following associated native plant species: *Acacia koa*, *Alyxia oliviformis*, *Antidesma* sp., *Bobea brevipes*, *Carex* sp., *Cyanea* sp., *Cyrtandra* sp., *Hedyotis terminalis*, *Isachne pallens*, *Melicope* sp., *Peperomia* sp., *Perrottetia sandwicensis*, *Pittosporum* sp., *Pouteria sandwicensis*, *Psydrax odorata*, *Psychotria* sp., *Selaginella arbuscula*, or *Syzygium sandwicensis*; and

(ii) Elevations between 316 and 880 m (1,036 and 2,886 ft).

Family Violaceae: *Isodendron pyrifolium* (wahine noho kula)

Oahu 5—*Isodendron pyrifolium*—a, Oahu 16—*Isodendron pyrifolium*—b, and Oahu 17—*Isodendron pyrifolium*—c, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Isodendron pyrifolium* 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 bare rocky hills or wooded ravines in dry shrublands from 37 to 692 m (121 to 2,270 ft).

Family Violaceae: *Viola chamissoniana* ssp. *chamissoniana* (pamakani)

Oahu 4—*Viola chamissoniana* ssp. *chamissoniana*—a, Oahu 4—*Viola chamissoniana* ssp. *chamissoniana*—b, Oahu 4—*Viola chamissoniana* ssp. *chamissoniana*—c, Oahu 10—*Viola chamissoniana* ssp. *chamissoniana*—d, Oahu 15—*Viola chamissoniana* ssp. *chamissoniana*—e, and Oahu 15—*Viola chamissoniana* ssp. *chamissoniana*—f, identified in the legal descriptions in paragraph (i) of this section, constitute

critical habitat for *Viola chamissoniana* ssp. *chamissoniana* 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 cliffs, rocky ledges, or steep slopes in mesic shrubland or cliff vegetation and containing one or more of the following associated native plant species: *Artemisia australis*, *Bidens torta*, *Carex meyenii*, *Chamaesyce* sp., *Dodonaea viscosa*, *Dubautia* sp., *Eragrostis* sp., *Leptecophylla tameiameiae*, *Melanthera tenuis*, *Metrosideros polymorpha*, *Peperomia* sp., *Rumex* sp., *Schiedea* sp., or *Sida fallax*; and

(ii) Elevations between 468 and 1,149 m (1,535 and 3,769 ft).

Family Violaceae: *Viola oahuensis* (NCN)

Oahu 20—*Viola oahuensis*—a and Oahu 35—*Viola oahuensis*—b, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Viola oahuensis* 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) Exposed, windswept ridges of moderate to steep slope in wet *Metrosideros polymorpha*-*Dicranopteris linearis* shrublands or *Metrosideros polymorpha* mixed montane bogs in the cloud zone and containing one or more of the following associated native plant species: *Antidesma* sp., *Bidens macrocarpa*, *Broussaisia arguta*, *Cibotium* sp., *Dubautia laxa*, *Hedyotis terminalis*, *Labordia* sp., *Machaerina* sp., *Melicope* sp., *Sadleria* sp., *Syzygium sandwicensis*, *Vaccinium* sp., or *Wikstroemia* sp.; and

(ii) Elevations between 415 and 959 m (1,361 and 3,146 ft).

(2) *Ferns and allies.*

Family Adiantaceae: *Pteris lidgatei* (NCN)

Oahu 20—*Pteris lidgatei*—a, Oahu 20—*Pteris lidgatei*—b, and Oahu 20—*Pteris lidgatei*—c, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Pteris lidgatei* 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) Steep stream banks or cliffs in wet *Metrosideros polymorpha*-*Dicranopteris linearis* forest containing one or more of the following associated native plant species: *Asplenium* sp., *Broussaisia arguta*, *Cibotium chamissoi*, *Cyrtandra*

sp., *Dicranopteris linearis*, *Diplopterygium pinnatum*, *Doodia lyonii*, *Dryopteris sandwicensis*, *Elaphoglossum crassifolium*, *Isachne pallens*, *Machaerina angustifolia*, *Sadleria* sp., *Sadleria squarrosa*, *Selaginella arbuscula*, or *Sphenomeris chinensis*; and

(ii) Elevations between 75 and 867 m (246 and 2,844 ft).

Family Aspleniaceae: *Ctenitis squamigera* (pauoa)

Oahu 4—*Ctenitis squamigera*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Ctenitis squamigera* 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) Gentle to steep slopes in *Metrosideros polymorpha*-*Diospyros sandwicensis* mesic forest or diverse mesic forest and containing one or more of the following associated native plant species: *Alyxia oliviformis*, *Carex meyenii*, *Diospyros hillebrandii*, *Dodonaea viscosa*, *Doodia kunthiana*, *Dryopteris unidentata*, *Freycinetia arborea*, *Hibiscus* sp., *Myrsine* sp., *Nestegis sandwicensis*, *Pisonia* sp., *Pouteria sandwicensis*, *Psychotria* sp., *Psydrax odorata*, or *Xylosma* sp.; and

(ii) Elevations between 413 to 923 m (1,355 to 3,027 ft).

Family Aspleniaceae: *Diellia erecta* (asplenium-leaved diellia)

Oahu 35—*Diellia erecta*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Diellia erecta* 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) Moderate to steep gulch slopes or sparsely vegetated rock faces in mesic forest containing one or more of the following associated native plant species: *Coprosma* sp., *Dodonaea viscosa*, *Dryopteris unidentata*, *Myrsine* sp., *Psychotria* sp., *Psydrax odorata*, *Sapindus oahuensis*, *Syzygium sandwicensis*, or *Wikstroemia* sp.; and

(ii) Elevations between 150 and 550 m (492 and 1,804 ft).

Family Aspleniaceae: *Diellia falcata* (NCN)

Oahu 4—*Diellia falcata*—a, Oahu 4—*Diellia falcata*—b, Oahu 15—*Diellia falcata*—c, and Oahu 15—*Diellia falcata*—d, identified in the legal descriptions in paragraph (i) of this section, constitute critical habitat for *Diellia falcata* 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) Deep shade or open understory on moderate to moderately steep slopes and gulch bottoms in diverse mesic forest containing one or more of the following associated native plant species: *Acacia koa*, *Alyxia oliviformis*, *Antidesma* sp., *Asplenium kaulfussii*, *Carex meyenii*, *Charpentiera* sp., *Claoxylon sandwicense*, *Coprosma foliosa*, *Diospyros hillebrandii*, *Diospyros sandwicensis*, *Diplazium sandwichianum*, *Doodia kunthiana*, *Dryopteris unidentata*, *Elaeocarpus bifidus*, *Freycinetia arborea*, *Hedyotis terminalis*, *Hibiscus* sp., *Melicope* sp., *Metrosideros polymorpha*, *Myrsine lanaiensis*, *Nephrolepis exaltata*, *Nestegis sandwicensis*, *Nothocestrum* sp., *Pipturus* sp., *Pisonia sandwicensis*, *Pouteria sandwicensis*, *Psychotria* sp., *Psydrax odorata*, *Sapindus oahuensis*, *Selaginella arbuscula*, *Sophora chrysophylla*, or *Xylosma* sp.; and

(ii) Elevations between 394 and 932 m (1,292 and 3,057 ft).

Family Aspleniaceae: *Diellia unisora* (NCN)

Oahu 15—*Diellia unisora*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Diellia unisora* 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) Moderate to steep slopes or gulch bottoms in deep shade or open understory in mesic forest and containing one or more of the following associated native plant species: *Acacia koa*, *Alyxia oliviformis*, *Antidesma* sp., *Bidens torta*, *Carex meyenii*, *Chamaesyce multiformis*, *Coprosma* sp., *Dodonaea viscosa*, *Dryopteris unidentata*, *Eragrostis grandis*, *Hedyotis schlechtendahlana*, *Hedyotis terminalis*, *Metrosideros polymorpha*, *Myrsine lessertiana*, *Psychotria* sp., *Rumex* sp., or *Selaginella arbuscula*; and

(ii) Elevations between 489 and 943 m (1,604 and 3,093 ft).

Family Aspleniaceae: *Diplazium molokaiense* (NCN)

Oahu 4—*Diplazium molokaiense*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Diplazium molokaiense* 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) Steep rocky wooded gulch walls in wet forests; and

(ii) Elevations between 618 and 1,202 m (2,027 and 3,943 ft).

Family Grammitidaceae: *Adenophorus periens* (pendent kihi fern)

Oahu 20—*Adenophorus periens*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Adenophorus periens* 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) Trees in *Metrosideros polymorpha* or *Metrosideros rugosa* wet forests containing one or more of the following associated native plant species: *Cheirodendron* spp., *Cibotium* sp., *Dicranopteris linearis*, *Hedyotis terminalis*, *Machaerina angustifolia*, or *Syzygium sandwicensis*; and

(ii) Elevations between 309 to 867 m (1,014 to 2,844 ft).

Family Lycopodiaceae: *Phlegmariurus nutans* (wawaeiole)

Oahu 20—*Phlegmariurus nutans*—a, identified in the legal description in paragraph (i) of this section, constitutes critical habitat for *Phlegmariurus nutans* 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) Tree trunks, open ridges, forested slopes, or cliffs in *Metrosideros polymorpha* dominated wet forests, cliffs, or shrublands or mesic forests and containing one or more of the following associated native plant species: *Antidesma platyphyllum*, *Broussaisia arguta*, *Cyrtandra laxiflora*, *Dicranopteris linearis*, *Elaphoglossum* sp., *Hedyotis terminalis*, *Hibiscus* sp., *Machaerina angustifolia*, *Psychotria mariniana*, *Syzygium sandwicensis*, or *Wikstroemia oahuensis*; and

(ii) Elevations between 227 and 846 m (745 and 2,775 ft).

Family Marsileaceae: *Marsilea villosa* (ihi ihi)

Oahu 13—*Marsilea villosa*—a, Oahu 14—*Marsilea villosa*—b, Oahu 28—*Marsilea villosa*—c, Oahu 29—*Marsilea villosa*—d, and Oahu 36—*Marsilea villosa*—e, identified in the legal description in paragraph (i) of this section, constitute critical habitat for *Marsilea villosa* 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) Cinder craters, vernal pools surrounded by lowland dry forest

vegetation, mud flats, or lowland grasslands containing *Sida fallax*; and

(ii) Elevations between 1 and 89 m (3 and 292 ft).

Dated: April 30, 2003.

Craig Manson,

Assistant Secretary for Fish and Wildlife and Parks.

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