

(84) Molokai 6—*Zanthoxylum hawaiiense*—a (259 ha; 640 ac)

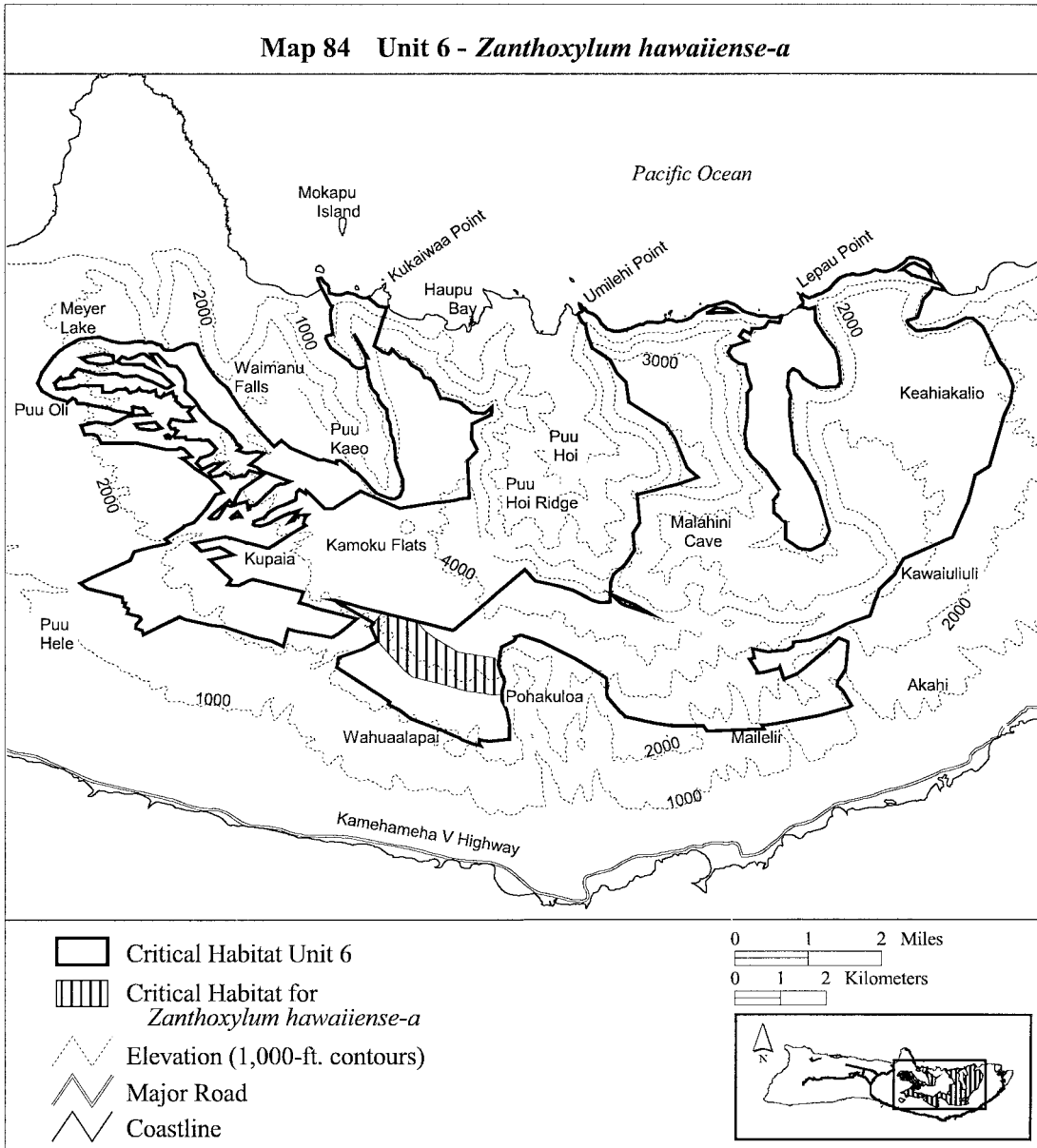
(i) Unit consists of the following 23 boundary points: Start at 719023, 2333460; 718836, 2333440; 718456, 2333509; 718235, 2333529; 717759,

2333668; 717061, 2333854; 716909, 2333978; 716661, 2334227; 716274, 2334669; 716143, 2334966; 716364, 2335228; 716429, 2335272; 717190, 2335075; 717206, 2335035; 717344, 2334876; 717572, 2334703; 718083,

2334400; 718256, 2334365; 718877, 2334268; 718926, 2334151; 718974, 2333999; 719085, 2333743; 719036, 2333536; return to starting point.

(ii) **Note:** Map 84 follows:

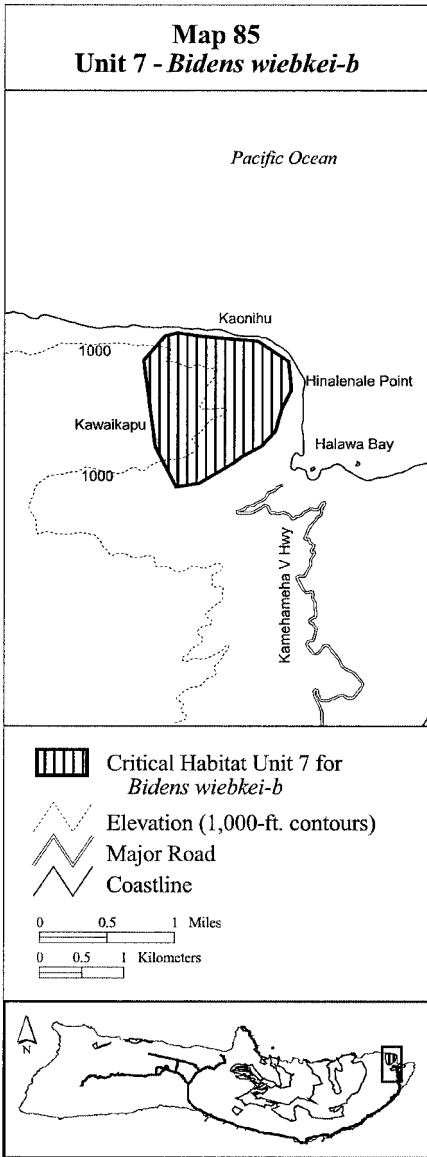
Map 84 Unit 6 - *Zanthoxylum hawaiiense-a*



(85) Molokai 7—*Bidens wiebkei*—b (240 ha; 593 ac)

(i) Unit consists of the following 21 boundary points: Start at 733159, 2342717; 733159, 2342717; 733163, 2342721; 733418, 2343010; 733569, 2343051; 733836, 2343010; 734539, 2342951; 734906, 2342708; 734940, 2342357; 734814, 2342115; 734747, 2341873; 734741, 2341866; 734741, 2341866; 734576, 2341687; 734338, 2341564; 734246, 2341490; 733836, 2341246; 733552, 2341204; 733301, 2341680; 733301, 2341681; 733301, 2341684; return to starting point.

(ii) Note: Map 85 follows:

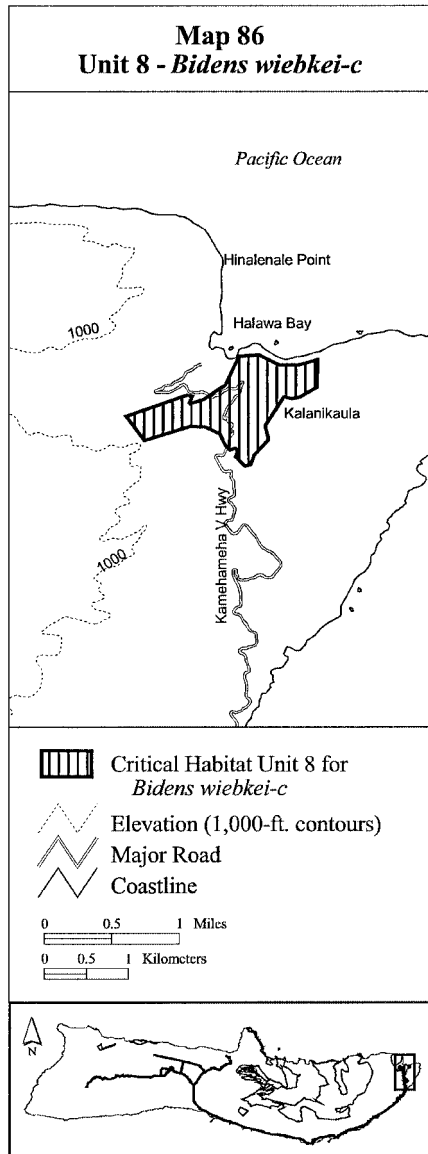


(86) Molokai 8—*Bidens wiebkei*—c (124 ha; 305 ac)

(i) Unit consists of the following 42 boundary points: Start at 734689, 2340744; 734863, 2340794; 734864, 2340794; 735124, 2340970; 735291,

2341321; 735533, 2341329; 735776, 2341212; 735776, 2341212; 735776, 2341212; 735985, 2341212; 736223, 2341276; 736217, 2340947; 736005, 2340825; 735918, 2340811; 735826, 2340828; 735600, 2340485; 735600, 2340485; 735600, 2340485; 735600, 2340485; 735642, 2340318; 735606, 2340279; 735606, 2340279; 735466, 2340126; 735433, 2340017; 735366, 2340000; 735249, 2340109; 735273, 2340184; 735238, 2340212; 735183, 2340197; 735126, 2340248; 735057, 2340393; 735057, 2340393; 735057, 2340393; 734881, 2340469; 734706, 2340477; 734706, 2340477; 734706, 2340477; 734706, 2340477; 734706, 2340477; 734162, 2340310; 733947, 2340597; 734672, 2340853; 734731, 2340835; return to starting point.

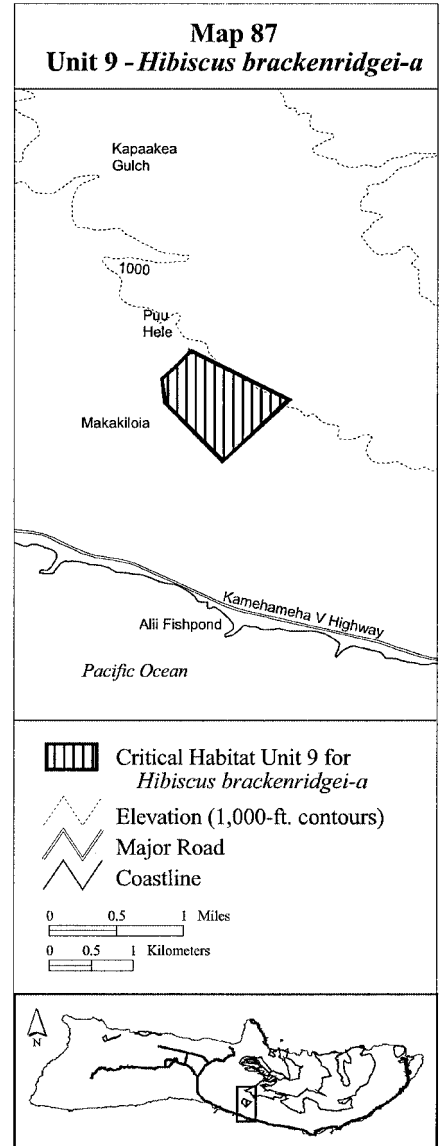
(ii) Note: Map 86 follows:



(87) Molokai 9—*Hibiscus brackenridgei*—a (101 ha; 249 ac)

(i) Unit consists of the following 11 boundary points: Start at 709892, 2333333; 709202, 2334013; 709147, 2334290; 709480, 2334623; 709485, 2334639; 709485, 2334639; 709485, 2334641; 709486, 2334643; 709599, 2334575; 709599, 2334575; 710655, 2334053; return to starting point.

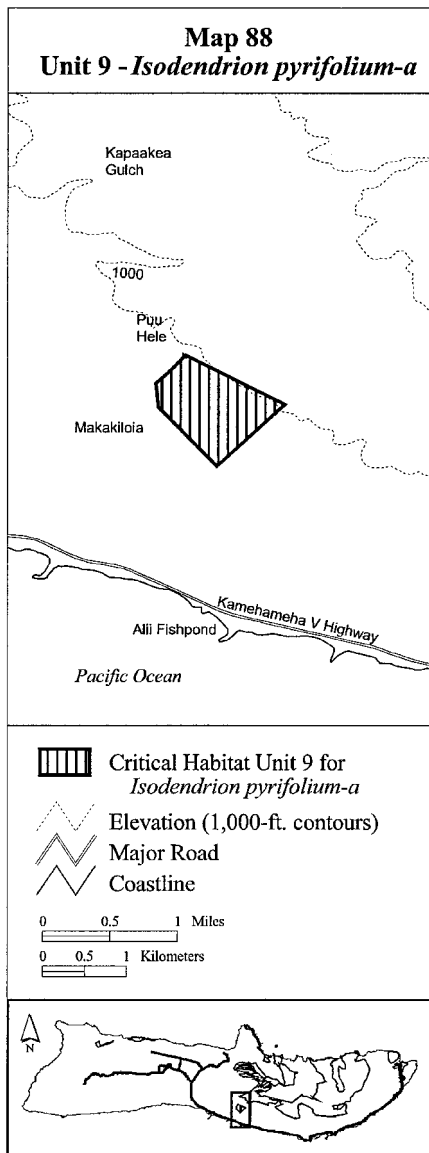
(ii) Note: Map 87 follows:



(88) Molokai 9—*Isodendron pyriformium*—a (107 ha; 264 ac)

(i) Unit consists of the following 5 boundary points: Start at 709515, 2334641; 710692, 2334052; 709880, 2333311; 709180, 2334022; 709149, 2334306; return to starting point.

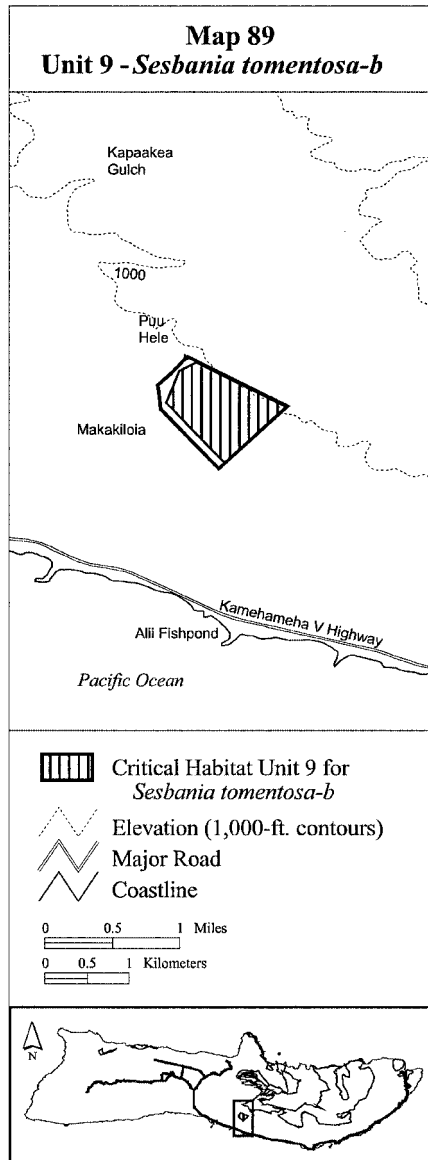
(ii) Note: Map 88 follows:



(89) Molokai 9—*Sesbania tomentosa*—b (88 ha; 217 ac)

(i) Unit consists of the following 5 boundary points: Start at 709608, 2334578; 710672, 2334051; 709945, 2333376; 709250, 2334093; 709408, 2334472; return to starting point.

(ii) Note: Map 89 follows:



(90) Table of Protected Species Within Each Critical Habitat Unit for Molokai

Unit name	Species occupied	Species unoccupied
Molokai 1— <i>Tetramolopium rockii</i> —a		<i>Tetramolopium rockii</i> .
Molokai 2— <i>Sesbania tomentosa</i> —a	<i>Sesbania tomentosa</i> .	
Molokai 2— <i>Tetramolopium rockii</i> —b	<i>Tetramolopium rockii</i> .	
Molokai 3— <i>Centaurium sebaeoides</i> —a	<i>Centaurium sebaeoides</i> .	
Molokai 3— <i>Tetramolopium rockii</i> —c	<i>Tetramolopium rockii</i> .	
Molokai 4— <i>Brighamia rockii</i> —a		<i>Brighamia rockii</i> .
Molokai 4— <i>Hibiscus arnottianus</i> ssp. <i>immaculatus</i>		<i>Hibiscus arnottianus</i> ssp. <i>immaculatus</i> —a.
Molokai 5— <i>Brighamia rockii</i> —b		<i>Brighamia rockii</i> .
Molokai 5— <i>Peucedanum sandwicense</i> —a	<i>Peucedanum sandwicense</i> .	
Molokai 5— <i>Tetramolopium rockii</i> —d		<i>Tetramolopium rockii</i> .
Molokai 6— <i>Adenophorus periens</i> —a		<i>Adenophorus periens</i> .
Molokai 6— <i>Adenophorus periens</i> —b		<i>Adenophorus periens</i> .

Unit name	Species occupied	Species unoccupied
Molokai 6— <i>Adenophorus periens</i> —c	.....	<i>Adenophorus periens</i> .
Molokai 6— <i>Alectryon macrococcus</i> —a	<i>Alectryon macrococcus</i> .	
Molokai 6— <i>Bidens wiebkei</i> —a	<i>Bidens wiebkei</i> .	
Molokai 6— <i>Brighamia rockii</i> —c	.....	<i>Brighamia rockii</i> .
Molokai 6— <i>Brighamia rockii</i> —d	<i>Brighamia rockii</i> .	
Molokai 6— <i>Brighamia rockii</i> —e	<i>Brighamia rockii</i> .	
Molokai 6— <i>Canavalia molokaiensis</i> —a	.....	<i>Canavalia molokaiensis</i> .
Molokai 6— <i>Canavalia molokaiensis</i> —b	.....	<i>Canavalia molokaiensis</i> .
Molokai 6— <i>Canavalia molokaiensis</i> —c	<i>Canavalia molokaiensis</i> .	
Molokai 6— <i>Clermontia oblongifolia</i> ssp. <i>brevipes</i> —a	.....	<i>Clermontia oblongifolia</i> ssp. <i>brevipes</i> .
Molokai 6— <i>Clermontia oblongifolia</i> ssp. <i>brevipes</i> —b	.....	<i>Clermontia oblongifolia</i> ssp. <i>brevipes</i> .
Molokai 6— <i>Clermontia oblongifolia</i> ssp. <i>brevipes</i> —c	.....	<i>Clermontia oblongifolia</i> ssp. <i>brevipes</i> .
Molokai 6— <i>Ctenitis squamigera</i> —a	<i>Ctenitis squamigera</i> .	
Molokai 6— <i>Cyanea dunbarii</i> —a	.....	<i>Cyanea dunbarii</i> .
Molokai 6— <i>Cyanea dunbarii</i> —b	<i>Cyanea dunbarii</i> .	
Molokai 6— <i>Cyanea dunbarii</i> —c	.....	<i>Cyanea dunbarii</i> .
Molokai 6— <i>Cyanea grimesiana</i> ssp. <i>grimesiana</i> —a	<i>Cyanea grimesiana</i> ssp. <i>grimesiana</i> .	
Molokai 6— <i>Cyanea mannii</i> —a	<i>Cyanea mannii</i> .	
Molokai 6— <i>Cyanea mannii</i> —b	<i>Cyanea mannii</i> .	
Molokai 6— <i>Cyanea mannii</i> —c	<i>Cyanea mannii</i> .	
Molokai 6— <i>Cyanea mannii</i> —d	<i>Cyanea mannii</i> .	
Molokai 6— <i>Cyanea mannii</i> —e	<i>Cyanea mannii</i> .	
Molokai 6— <i>Cyanea procera</i> —a	<i>Cyanea procera</i> .	
Molokai 6— <i>Cyanea procera</i> —b	.....	<i>Cyanea procera</i> .
Molokai 6— <i>Diellia erecta</i> —a	<i>Diellia erecta</i> .	
Molokai 6— <i>Diplazium molokaiense</i> —a	.....	<i>Diplazium molokaiense</i> .
Molokai 6— <i>Eugenia koolauensis</i> —a	.....	<i>Eugenia koolauensis</i> .
Molokai 6— <i>Flueggea neowawraea</i> —a	.....	<i>Flueggea neowawraea</i> .
Molokai 6— <i>Hesperomannia arborescens</i> —a	<i>Hesperomannia arborescens</i> .	
Molokai 6— <i>Hesperomannia arborescens</i> —b	.....	<i>Hesperomannia arborescens</i> .
Molokai 6— <i>Hibiscus arnotianus</i> ssp. <i>immaculatus</i> —b	.....	<i>Hibiscus arnotianus</i> ssp. <i>immaculatus</i> .
Molokai 6— <i>Hibiscus arnotianus</i> ssp. <i>immaculatus</i> —c	<i>Hibiscus arnotianus</i> ssp. <i>immaculatus</i> .	
Molokai 6— <i>Hibiscus arnotianus</i> ssp. <i>immaculatus</i> —d	<i>Hibiscus arnotianus</i> ssp. <i>immaculatus</i> .	
Molokai 6— <i>Ischaemum byrone</i> —a	<i>Ischaemum byrone</i> .	
Molokai 6— <i>Ischaemum byrone</i> —b	<i>Ischaemum byrone</i> .	
Molokai 6— <i>Labordia triflora</i> —a	.....	<i>Labordia triflora</i> .
Molokai 6— <i>Labordia triflora</i> —b	.....	<i>Labordia triflora</i> .
Molokai 6— <i>Labordia triflora</i> —c	.....	<i>Labordia triflora</i> .
Molokai 6— <i>Labordia triflora</i> —d	<i>Labordia triflora</i> .	
Molokai 6— <i>Lysimachia maxima</i> —a	.....	<i>Lysimachia maxima</i> .
Molokai 6— <i>Lysimachia maxima</i> —b	.....	<i>Lysimachia maxima</i> .
Molokai 6— <i>Lysimachia maxima</i> —c	.....	<i>Lysimachia maxima</i> .
Molokai 6— <i>Mariscus fauriei</i> —a	.....	<i>Mariscus fauriei</i> .
Molokai 6— <i>Mariscus fauriei</i> —b	<i>Mariscus fauriei</i> .	
Molokai 6— <i>Melicope mucronulata</i> —a	.....	<i>Melicope mucronulata</i> .
Molokai 6— <i>Melicope mucronulata</i> —b	.....	<i>Melicope mucronulata</i> .
Molokai 6— <i>Melicope mucronulata</i> —c	.....	<i>Melicope mucronulata</i> .
Molokai 6— <i>Melicope mucronulata</i> —d	.....	<i>Melicope mucronulata</i> .
Molokai 6— <i>Melicope mucronulata</i> —e	.....	<i>Melicope mucronulata</i> .
Molokai 6— <i>Melicope reflexa</i> —a	.....	<i>Melicope reflexa</i> .
Molokai 6— <i>Melicope reflexa</i> —b	<i>Melicope reflexa</i> .	
Molokai 6— <i>Neraudia sericea</i> —a	<i>Neraudia sericea</i> .	
Molokai 6— <i>Peucedanum sandwicense</i> —b	.....	<i>Peucedanum sandwicense</i> .
Molokai 6— <i>Peucedanum sandwicense</i> —c	<i>Peucedanum sandwicense</i> .	
Molokai 6— <i>Phyllostegia mannii</i> —a	.....	<i>Phyllostegia mannii</i> .
Molokai 6— <i>Phyllostegia mannii</i> —b	.....	<i>Phyllostegia mannii</i> .
Molokai 6— <i>Phyllostegia mannii</i> —c	.....	<i>Phyllostegia mannii</i> .
Molokai 6— <i>Plantago princeps</i> —a	.....	<i>Plantago princeps</i> .
Molokai 6— <i>Pteris lidgatei</i> —a	.....	<i>Pteris lidgatei</i> .
Molokai 6— <i>Schiedea lydgatei</i> —a	<i>Schiedea lydgatei</i> .	
Molokai 6— <i>Schiedea lydgatei</i> —b	<i>Schiedea lydgatei</i> .	
Molokai 6— <i>Schiedea nuttallii</i> —a	.....	<i>Schiedea nuttallii</i> .
Molokai 6— <i>Schiedea nuttallii</i> —b	.....	<i>Schiedea nuttallii</i> .
Molokai 6— <i>Schiedea sarmentosa</i> —a	<i>Schiedea sarmentosa</i> .	
Molokai 6— <i>Schiedea sarmentosa</i> —b	<i>Schiedea sarmentosa</i> .	
Molokai 6— <i>Silene alexandri</i> —a	.....	<i>Silene alexandri</i> .
Molokai 6— <i>Silene alexandri</i> —b	.....	<i>Silene alexandri</i> .
Molokai 6— <i>Silene lanceolata</i> —a	<i>Silene lanceolata</i> .	
Molokai 6— <i>Spermolepis hawaiiensis</i> —a	<i>Spermolepis hawaiiensis</i> .	
Molokai 6— <i>Stenogyne bifida</i> —a	<i>Stenogyne bifida</i> .	
Molokai 6— <i>Zanthoxylum hawaiiense</i> —a	<i>Zanthoxylum hawaiiense</i> .	
Molokai 7— <i>Bidens wiebkei</i> —b	<i>Bidens wiebkei</i> .	
Molokai 8— <i>Bidens wiebkei</i> —c	.....	<i>Bidens wiebkei</i> .
Molokai 9— <i>Isodendrion pyriformium</i> —a	.....	<i>Isodendrion pyriformium</i> .

Unit name	Species occupied	Species unoccupied
Molokai 9— <i>Hibiscus brackenridgei</i> —a	<i>Hibiscus brackenridgei</i> .
Molokai 9— <i>Sesbania tomentosa</i> —b	<i>Sesbania tomentosa</i> .

(d) *Plants on Molokai; Constituent elements.*

(1) *Flowering plants.*

Family Apiaceae: *Peucedanum sandwicense* (makou)

Molokai 5—*Peucedanum sandwicense*—a, Molokai 6—*Peucedanum sandwicense*—b, and Molokai 6—*Peucedanum sandwicense*—c, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Peucedanum sandwicense* on Molokai. 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 habitats in brown soil and talus in *Chamaesyce celastroides* var. *amplectans*-*Chenopodium oahuense* coastal dry shrubland or *Diospyros sandwicensis* forest with one or more of the following associated native species: *Artemisia australis*, *Dianella sandwicensis*, *Eragrostis* sp., *Lepidium bidentatum* var. *o-waihiense*, *Melanthera integrifolia*, *Metrosideros polymorpha*, *Osteomeles anthyllidifolia*, *Peperomia remyi*, *Pittosporum halophilum*, *Plectranthus parviflorus*, *Plumbago zeylanica*, *Portulaca lutea*, *Pritchardia hillebrandii*, *Reynoldsia sandwicensis*, *Santalum ellipticum*, *Scaevola sericea*, *Schiedea globosa*, *Senna gaudichaudii*, or *Sida fallax*; and

(ii) Elevations between 0 and 724 m (0 and 2,375 ft).

Family Apiaceae: *Spermolepis hawaiiensis* (NCN)

Molokai 6—*Spermolepis hawaiiensis*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes critical habitat for *Spermolepis hawaiiensis* on Molokai. 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 and gulch slopes in dry to mesic shrublands with one or more of the following associated native species: *Dodonaea viscosa*, *Leptecophylla tameiameia*, or *Metrosideros polymorpha*; and

(ii) Elevations between 589 and 972 m (1,932 and 3,188 ft).

Family Asteraceae: *Bidens wiebkii* (kookoolau)

Molokai 6—*Bidens wiebkii*—a, Molokai 7—*Bidens wiebkii*—b, and

Molokai 8—*Bidens wiebkii*—c, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Bidens wiebkii* on Molokai. 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 in *Metrosideros polymorpha*-dominated mesic shrublands or dry or mesic *Metrosideros polymorpha*-*Leptecophylla tameiameia* lowland shrubland with one or more of the following associated native species: *Antidesma platyphyllum*, *Dodonaea viscosa*, *Lysimachia* sp., *Nestegis sandwicensis*, *Phyllanthus distichus*, *Pisonia* sp., *Psydrax odorata*, or *Scaevola gaudichaudii*; and

(ii) Elevations between 8 and 1,199 m (26 and 3,933 ft).

Family Asteraceae: *Hesperomannia arborescens* (NCN)

Molokai 6—*Hesperomannia arborescens*—a and Molokai 6—*Hesperomannia arborescens*—b, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Hesperomannia arborescens* on Molokai. 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 ridges in wet *Metrosideros polymorpha*-*Dicranopteris linearis* lowland forest or mesic *Diospyros sandwicensis*-*Metrosideros polymorpha* lowland forest transition zones with one or more of the following associated native species: *Antidesma* sp., *Boehmeria grandis*, *Broussaisia arguta*, *Cibotium glaucum*, *Cheirodendron* sp., *Clermontia pallida*, *Coprosma* sp., *Cyrtandra* sp., *Diplopterygium pinnatum*, *Elaphoglossum* sp., *Freycinetia arborea*, *Hedyotis* sp., *Ilex anomala*, *Myrsine* sp., *Nephrolepis exaltata*, *Nestegis sandwicensis*, *Pipturus* sp., *Psychotria mauiensis*, *Smilax melastomifolia*, *Thelypteris* sp., *Urena glabra*, or *Wikstroemia* sp.; and

(ii) Elevations between 175 and 959 m (574 and 3,146 ft).

Family Asteraceae: *Tetramolopium rockii* (NCN)

Molokai 1—*Tetramolopium rockii*—a, Molokai 2—*Tetramolopium rockii*—b,

Molokai 3—*Tetramolopium rockii*—c, and Molokai 5—*Tetramolopium rockii*—d, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Tetramolopium rockii* on Molokai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

(i) Hardened calcareous sand dunes or ash-covered basalt in the coastal spray zone or coastal dry shrubland and grassland with one or more of the following associated native species: *Diospyros sandwicensis*, *Fimbristylis cymosa*, *Heliotropium anomalum*, *Melanthera integrifolia*, *Metrosideros polymorpha*, *Osteomeles anthyllidifolia*, *Pouteria sandwicensis*, *Psydrax odorata*, *Scaevola* sp., *Sida fallax*, or *Sporobolus virginicus*; and

(ii) Elevations between 0 and 198 m (0 and 649 ft).

Family Campanulaceae: *Brighamia rockii* (pua ala)

Molokai 4—*Brighamia rockii*—a, Molokai 5—*Brighamia rockii*—b, Molokai 6—*Brighamia rockii*—c, Molokai 6—*Brighamia rockii*—d, and Molokai 6—*Brighamia rockii*—e, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Brighamia rockii* on Molokai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

(i) Rock crevices on steep basalt sea cliffs, often within the spray zone, in coastal dry or mesic forest, *Eragrostis variabilis* mixed coastal cliff community, or shrubland, or *Pritchardia* sp. coastal mesic forest with one or more of the following associated native species: *Artemisia* sp., *Bidens* sp., *Carex wahuensis* ssp. *wahuensis*, *Chamaesyce celastroides* var. *amplectans*, *Cocculus orbiculatus*, *Cyrtomium falcatum*, *Cyperus phleoides* ssp. *phleoides*, *Dianella sandwicensis*, *Diospyros sandwicensis*, *Hedyotis littoralis*, *Lepidium bidentatum* var. *o-waihiense*, *Metrosideros polymorpha*, *Osteomeles anthyllidifolia*, *Pittosporum halophilum*, *Pandanus tectorius*, *Peucedanum sandwicensis*, *Phymatosorus grossus*, *Pritchardia hillebrandii*, *Psydrax odorata*, *Reynoldsia sandwicensis*, *Scaevola sericea*, *Schiedea globosa*, *Senna*

gaudichaudii, *Tetramolopium* sp., or *Wikstroemia uva-ursi*; and

(ii) Elevations between 0 and 671 m (0 and 2,201 ft).

Family Campanulaceae: *Clermontia oblongifolia* ssp. *brevipes* (oha wai)

Molokai 6—*Clermontia oblongifolia* ssp. *brevipes*—a, Molokai 6—*Clermontia oblongifolia* ssp. *brevipes*—b, and Molokai 6—*Clermontia oblongifolia* ssp. *brevipes*—c, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Clermontia oblongifolia* ssp. *brevipes* on Molokai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

(i) Shallow soil on gulch slopes in wet *Metrosideros polymorpha*-dominated forests with one or more of the following associated plant species: *Broussaisia arguta*, *Cheirodendron trigynum*, *Cibotium* spp., *Hedyotis terminalis*, or *Melicope* sp.; and

(ii) Elevations between 770 and 1,508 m (2,526 and 4,946 ft).

Family Campanulaceae: *Cyanea dunbarii* (haha)

Molokai 6—*Cyanea dunbarii*—a, Molokai 6—*Cyanea dunbarii*—b, and Molokai 6—*Cyanea dunbarii*—c, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Cyanea dunbarii* on Molokai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

(i) Streambanks on moderate to steep slopes in mesic to wet *Dicranopteris linearis*-*Metrosideros polymorpha* lowland forest with one or more of the following associated native plant species: *Charpentiera obovata*, *Cheirodendron trigynum*, *Clermontia kakeana*, *Diplazium sandwichianum*, *Freycinetia arborea*, *Perrottetia sandwicensis*, or *Pipturus albidus*; and

(ii) Elevations between 560 and 1,067 m (1,837 and 3,500 ft).

Family Campanulaceae: *Cyanea grimesiana* ssp. *grimesiana* (haha)

Molokai 6—*Cyanea grimesiana* ssp. *grimesiana*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes critical habitat for *Cyanea grimesiana* ssp. *grimesiana* on Molokai. 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 or mesic forest often dominated by *Metrosideros polymorpha* or *Metrosideros polymorpha* and *Acacia koa*, with one or more of the following associated native species: *Antidesma* sp., *Bohea* sp., *Cibotium* sp., *Cyrtandra* sp., *Dicranopteris linearis*, *Doodia* sp., *Freycinetia arborea*, *Nephrolepis* sp., *Psychotria* sp., *Syzygium sandwicensis*, or *Xylosma* sp.; and

(ii) Elevations between 94 and 1,324 m (308 and 4,343 ft).

Family Campanulaceae: *Cyanea mannii* (haha)

Molokai 6—*Cyanea mannii*—a, Molokai 6—*Cyanea mannii*—b, Molokai 6—*Cyanea mannii*—c, Molokai 6—*Cyanea mannii*—d, and Molokai 6—*Cyanea mannii*—e, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Cyanea mannii* on Molokai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

(i) The sides of deep gulches in *Metrosideros polymorpha*-dominated montane mesic forests with one or more of the following associated native species: *Dicranopteris linearis*, *Vaccinium* sp., or *Wikstroemia* sp.; and

(ii) Elevations between 497 and 1,093 m (1,630 and 3,585 ft).

Family Campanulaceae: *Cyanea procera* (haha)

Molokai 6—*Cyanea procera*—a and Molokai 6—*Cyanea procera*—b, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Cyanea procera* on Molokai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

(i) Walls of steep gulches in wet *Metrosideros polymorpha*-dominated lowland mixed forest with one or more of the following associated native species: *Asplenium* spp., *Broussaissia arguta*, *Coprosma ochracea*, *Cyanea* sp., *Cyrtandra macrocalyx*, *Dicranopteris linearis*, *Pipturus albidus*, *Pisonia* spp., *Scaevola procera*, or *Touchardia latifolia*; and

(ii) Elevations between 331 and 1,209 m (1,086 and 3,966 ft).

Family Caryophyllaceae: *Schiedea lydgatei* (NCN)

Molokai 6—*Schiedea lydgatei*—a and Molokai 6—*Schiedea lydgatei*—b, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Schiedea lydgatei* on Molokai. 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 in dry to mesic grassland, shrubland, and forest with scattered native trees with one or more of the following associated native species: *Dicranopteris linearis*, *Dodonaea viscosa*, *Leptecophylla tameiameiae*, or *Metrosideros polymorpha*; and

(ii) Elevations between 545 and 1,047 m (1,788 and 3,434 ft).

Family Caryophyllaceae: *Schiedea nuttallii* (NCN)

Molokai 6—*Schiedea nuttallii*—a and Molokai 6—*Schiedea nuttallii*—b, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Schiedea nuttallii* on Molokai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

(i) Streamside grottos in wet *Metrosideros polymorpha*-*Cheirodendron trigynum* forest with one or more of the following associated native species: *Asplenium lobulatum*, *Asplenium macraei*, *Asplenium unilaterale*, *Cyrtandra hawaiiensis*, *Thelypteris sandwicensis*, or *Vandenboschia davallioides*; and

(ii) Elevations between 988 and 1,341 m (3,241 and 4,398 ft).

Family Caryophyllaceae: *Schiedea sarmentosa* (NCN)

Molokai 6—*Schiedea sarmentosa*—a and Molokai 6—*Schiedea sarmentosa*—b, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Schiedea sarmentosa* on Molokai. 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 or gentle to moderate slopes in *Metrosideros polymorpha*-*Dodonaea viscosa* lowland dry or mesic shrubland, or dry to mesic forest dominated by *Metrosideros polymorpha* and/or *Diospyros sandwicensis* with one or more of the following associated native species: *Alyxia oliviformis*, *Bidens menziesii*, *Carex meyenii*, *Chamaesyce* sp., *Chenopodium oahuense*, *Leptecophylla tameiameiae*, *Lipochaeta rockii*, *Nestegis sandwicensis*, *Nothoctrum latifolium*, *Pleomele auwahiensis*, *Sida fallax*, or *Sophora chrysophylla*; and

(ii) Elevations between 316 and 1,020 m (1,036 and 3,346 ft).

Family Caryophyllaceae: *Silene alexandri* (NCN)

Molokai 6—*Silene alexandri*—a and Molokai 6—*Silene alexandri*—b, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Silene alexandri* on Molokai. 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 or cliffs in dry forest with one or more of the following associated native species: *Bidens menziesii*, *Carex wahuensis*, *Diospyros sandwicensis*, *Dodonaea viscosa*, *Leptecophylla tameiameiae*, or *Schiedea* spp.; and

(ii) Elevations between 316 and 1,020 m (1,036 and 3,346 ft).

Family Caryophyllaceae: *Silene lanceolata* (NCN)

Molokai 6—*Silene lanceolata*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes critical habitat for *Silene lanceolata* on Molokai. 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 tops, and cliffs in dry to mesic shrubland with one or more of the following associated native species: *Bidens menziesii*, *Carex wahuensis*, *Diospyros sandwicensis*, *Dodonaea viscosa*, *Dubautia linearis*, *Leptecophylla tameiameiae*, *Metrosideros polymorpha*, or *Schiedea* spp.; and

(ii) Elevations between 581 and 1,043 m (1,906 and 3,421 ft).

Family Cyperaceae: *Mariscus fauriei* (NCN)

Molokai 6—*Mariscus fauriei*—a and Molokai 6—*Mariscus fauriei*—b, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Mariscus fauriei* on Molokai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

(i) Lava substrate or *Diospyros sandwicensis*-dominated lowland dry forests with one or more of the following associated native species: *Peperomia* sp., *Psydrax odorata*, or *Rauvolfia sandwicensis*; and

(ii) Elevations between 436 and 887 m (1,430 and 2,909 ft).

Family Euphorbiaceae: *Flueggea neowawraea* (mehamehame)

Molokai 6—*Flueggea neowawraea*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes critical habitat for *Flueggea neowawraea* on Molokai. 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 in mesic forest; and
(ii) Elevations between 450 and 618 m (1,476 and 2,027 ft).

Family Fabaceae: *Canavalia molokaiensis* (awikiwiki)

Molokai 6—*Canavalia molokaiensis*—a, Molokai 6—*Canavalia molokaiensis*—b, and Molokai 6—*Canavalia molokaiensis*—c, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Canavalia molokaiensis* on Molokai. 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 sites, both dry and mesic, on steep slopes in *Metrosideros polymorpha*-*Dodonaea viscosa* lowland shrubland and mesic shrublands with one or more of the following associated native species: *Artemisia* sp., *Chamaesyce* sp., *Coprosma* sp., *Leptecophylla tameiameiae*, or *Wikstroemia* sp.; and

(ii) Elevations between 503 and 1,013 m (1,650 and 3,323 ft).

Family Fabaceae: *Sesbania tomentosa* (ohai)

Molokai 2—*Sesbania tomentosa*—a and Molokai 9—*Sesbania tomentosa*—b, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Sesbania tomentosa* on Molokai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

(i) Windswept slopes, sea cliffs and weathered basaltic slopes in *Scaevola sericea* coastal dry shrubland with one or more of the following associated native species: *Dodonaea viscosa*, *Jacquemontia ovalifolia* ssp. *sandwicensis*, *Melanthera integrifolia*, or *Sida fallax*; and

(ii) Elevations between 0 and 318 m (0 and 1,043 ft).

Family Gentianaceae: *Centaurium sebaeoides* (awiw)

Molokai 3—*Centaurium sebaeoides*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes critical habitat for *Centaurium*

sebaeoides on Molokai. 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 cliffs in arid coastal areas with one or more of the following associated native species: *Artemisia* sp., *Bidens* sp., *Chamaesyce celastroides*, *Cyperus phleoides*, *Dodonaea viscosa*, *Fimbristylis cymosa*, *Heteropogon contortus*, *Jacquemontia ovalifolia*, *Lipochaeta heterophylla*, *Lipochaeta succulenta*, *Lycium sandwicense*, *Lysimachia mauritiana*, *Melanthera integrifolia*, *Panicum fauriei*, *Panicum torridum*, *Scaevola sericea*, *Schiedea globosa*, *Sida fallax*, or *Wikstroemia uva-ursi*; and
(ii) Elevations between 0 and 39 m (0 and 128 ft).

Family Lamiaceae: *Phyllostegia mannii* (NCN)

Molokai 6—*Phyllostegia mannii*—a, Molokai 6—*Phyllostegia mannii*—b, and Molokai 6—*Phyllostegia mannii*—c, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Phyllostegia mannii* on Molokai. 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 sites in sometimes foggy and windswept, wet, open *Metrosideros polymorpha*-dominated montane forest with a native shrub and *Cibotium* sp. understory with one or more of the following associated native species: *Asplenium* sp., *Broussaisia arguta*, *Cheirodendron trigynum*, *Coprosma ochracea*, *Cyanea* sp., *Dicranopteris linearis*, *Hedyotis hillebrandii*, *Pipturus albidus*, *Pouteria sandwicensis*, *Psychotria* sp., *Touchardia latifolia*, *Vaccinium* sp., or *Wikstroemia* sp.; and
(ii) Elevations between 603 and 1,508 m (1,978 and 4,946 ft).

Family Lamiaceae: *Stenogyne bifida* (NCN)

Molokai 6—*Stenogyne bifida*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes critical habitat for *Stenogyne bifida* on Molokai. 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 in *Metrosideros polymorpha*-dominated montane mesic to wet forest with one or more of the following associated native species: *Broussaisia arguta*, *Cheirodendron trigynum*, *Cibotium* sp., *Cyanea* sp., *Dicranopteris linearis*, *Dodonaea*

viscosa, *Hedyotis hillebrandii*, *Hedyotis* sp., *Leptecophylla tameiameia*, *Pipturus albidus*, *Pouteria sandwicensis*, *Psychotria* sp., *Vaccinium* sp., or *Wikstroemia* sp.; and
(ii) Elevations between 467 and 1,300 m (1,532 and 4,264 ft).

Family Loganiaceae: *Labordia triflora* (kamakahala)

Molokai 6—*Labordia triflora*—a, Molokai 6—*Labordia triflora*—b, Molokai 6—*Labordia triflora*—c, and Molokai 6—*Labordia triflora*—d, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Labordia triflora* on Molokai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Mixed mesic *Metrosideros polymorpha* forest, with one or more of the following associated native species: *Coprosma* sp., *Myrsine lessertiana*, *Nephrolepis exaltata*, *Pouteria sandwicensis*, *Sadleria cyatheoides*, or *Tetraplasandra hawaiiensis*; and
(ii) Elevations between 207 and 1,097 m (679 and 3,598 ft).

Family Malvaceae: *Hibiscus arnottianus* ssp. *immaculatus* (kokio keokeo)

Molokai 4—*Hibiscus arnottianus* ssp. *immaculatus*—a, Molokai 6—*Hibiscus arnottianus* ssp. *immaculatus*—b, Molokai 6—*Hibiscus arnottianus* ssp. *immaculatus*—c, and Molokai 6—*Hibiscus arnottianus* ssp. *immaculatus*—d, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Hibiscus arnottianus* ssp. *immaculatus* on Molokai. 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 sea cliffs in mesic forests with one or more of the following associated native species: *Antidesma platyphyllum*, *Athyrium* spp., *Boehmeria grandis*, *Cyanea grimesiana*, *Diospyros sandwicensis*, *Metrosideros polymorpha*, *Pipturus* spp., *Psydrax odorata*, or *Urera glabra*; and
(ii) Elevations between 8 and 813 m (26 and 2,667 ft).

Family Malvaceae: *Hibiscus brackenridgei* (mau hao hele)

Molokai 9—*Hibiscus brackenridgei*—a, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Hibiscus brackenridgei* on Molokai. Within this unit, the currently known primary

constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Slopes in lowland dry forest and shrubland; and
(ii) Elevations between 174 to 317 m (571 to 1,040 ft).

Family Myrtaceae: *Eugenia koolauensis* (nioi)

Molokai 6—*Eugenia koolauensis*—a, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Eugenia koolauensis* on Molokai. Within this unit, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Rocky gulches or gentle slopes with deep soil with one or more of the following associated native species: *Diospyros sandwicensis*, *Erythrina sandwicensis*, *Nesoluma polynesianum*, *Nestegis sandwicensis*, *Nototrichium sandwicensis*, *Reynoldsia sandwicensis*, or *Xylosma hawaiiense*; and
(ii) Elevations between 475 and 992 m (1,558 and 3,254 ft).

Family Plantaginaceae: *Plantago princeps* (laukahi kuahiwi)

Molokai 6—*Plantago princeps*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes critical habitat for *Plantago princeps* on Molokai. Within this unit, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Streambanks in *Metrosideros polymorpha* lowland mesic forest with one or more of the following associated native species: *Coprosma* sp., *Cyanea* sp., *Dodonaea viscosa*, *Dryopteris unidentata*, *Pipturus albidus*, or *Wikstroemia oahuensis*; and
(ii) Elevations between 1,008 and 1,213 m (3,306 and 3,979 ft).

Family Poaceae: *Ischaemum byrone* (Hilo ischaemum)

Molokai 6—*Ischaemum byrone*—a and Molokai 6—*Ischaemum byrone*—b, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Ischaemum byrone* on Molokai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Coastal dry shrubland or *Artemisia* sp. cliff communities, near the ocean, among rocks or basalt cliffs or talus slopes with one or more of the following associated native species: *Bidens molokaiensis*, *Fimbristylis cymosa*,

Hedyotis littoralis, *Lysimachia mauritiana*, or *Pandanus tectorius*; and
(ii) Elevations between sea level and 235 m (0 and 771 ft).

Family Primulaceae: *Lysimachia maxima* (NCN)

Molokai 6—*Lysimachia maxima*—a, Molokai 6—*Lysimachia maxima*—b, and Molokai 6—*Lysimachia maxima*—c, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Lysimachia maxima* on Molokai. 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* montane wet forest with one or more of the following associated native species: *Dubautia* sp., *Hedyotis* sp., *Ilex anomala*, *Psychotria* sp., or *Vaccinium* sp.; and
(ii) Elevations between 446 and 1,329 m (1,463 and 4,359 ft).

Family Rutaceae: *Melicope mucronulata* (alani)

Molokai 6—*Melicope mucronulata*—a, Molokai 6—*Melicope mucronulata*—b, Molokai 6—*Melicope mucronulata*—c, Molokai 6—*Melicope mucronulata*—d, and Molokai 6—*Melicope mucronulata*—e, identified in the legal description in paragraph (c) of this section, constitute critical habitat for *Melicope mucronulata* on Molokai. 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, west- or north-facing slopes in mesic *Diospyros sandwicensis-Metrosideros polymorpha* forest, *Metrosideros polymorpha-Dodonaea viscosa* shrubland, or *Metrosideros polymorpha-Leptecophylla tameiameia* shrubland with one or more of the following associated native species: *Alyxia oliviformis*, *Alphitonia ponderosa*, *Coprosma foliosa*, *Hedyotis terminalis*, *Melicope hawaiiensis*, *Myrsine lanaiensis*, *Nestegis sandwicensis*, *Ochrosia compta*, *Osteomeles anthyllidifolia*, *Phyllanthus* sp., *Pittosporum* sp., *Pleomele auwahiensis*, or *Psychotria mariniana*; and
(ii) Elevations between 354 and 1,015 m (1,161 and 3,329 ft).

Family Rutaceae: *Melicope reflexa* (alani)

Molokai 6—*Melicope reflexa*—a and Molokai 6—*Melicope reflexa*—b, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Melicope reflexa* on

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

(i) Wet *Metrosideros polymorpha*-dominated forest with native trees such as *Cheirodendron* sp., with one or more of the following associated native species: *Alyxia oliviformis*, *Antidesma platyphyllum*, *Cheirodendron trigynum*, *Cibotium* spp., *Dicranopteris linearis*, *Freycinetia arborea*, or *Syzygium sandwicensis*; and

(ii) Elevations between 319 and 1,508 m (1,046 and 4,946 ft).

Family Rutaceae: *Zanthoxylum hawaiiense* (ae)

Molokai 6—*Zanthoxylum hawaiiense*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes critical habitat for *Zanthoxylum hawaiiense* on Molokai. 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 in mesic *Metrosideros polymorpha* or *Diospyros sandwicensis* forest with one or more of the following associated native species: *Alyxia oliviformis*, *Dodonaea viscosa*, *Leptecophylla tameiameiaie*, *Myrsine lanaiensis*, *Nestegis sandwicensis*, *Osteomeles anthyllidifolia*, *Pleomele auwahiensis*, or *Psychotria* sp.; and

(ii) Elevations between 754 and 1,084 m (2,473 and 3,555 ft).

Family Sapindaceae: *Alectryon macrococcus* var. *macrococcus* (mahoe)

Molokai 6—*Alectryon macrococcus*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes critical habitat for *Alectryon macrococcus* var. *macrococcus* on Molokai. Within this unit, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

(i) Talus slopes or gulches within dry or mesic lowland forest with one or more of the following associated native species: *Dodonaea viscosa*, *Lipochaeta* sp., *Myrsine* sp., *Nestegis sandwicensis*, *Nothocestrum* sp., *Pleomele* sp., *Psychotria* sp., or *Streblus pendulina*; and

(ii) Elevations between 616 and 1,026 m (2,020 and 3,365 ft).

Family Urticaceae: *Neraudia sericea* (NCN)

Molokai 6—*Neraudia sericea*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes

critical habitat for *Neraudia sericea* on Molokai. 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 and gulch bottoms in lowland dry to mesic *Metrosideros polymorpha*-*Dodonaea viscosa*-*Leptecophylla tameiameiaie* shrubland or forest with one or more of the following associated native species: *Alyxia oliviformis*, *Coprosma* sp., *Hedyotis* sp., or *Pleomele auwahiensis*; and

(ii) Elevations between 701 and 1,043 m (2,299 and 3,421 ft).

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

Molokai 9—*Isodendron pyrifolium*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes critical habitat for *Isodendron pyrifolium* on Molokai. Within this unit, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

(i) Dry shrublands with one or more of the following associated native species: *Bidens menziesii*, *Dodonaea viscosa*, *Heteropogon contortus*, or *Leptecophylla tameiameiaie*; and

(ii) Elevations between 173 and 322 m (567 and 1,056 ft).

(2) *Ferns and fern allies.*

Family Adiantaceae: *Pteris lidgatei* (NCN)

Molokai 6—*Pteris lidgatei*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes critical habitat for *Pteris lidgatei* on Molokai. 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 streambanks in wet forest, and

(ii) Elevations between 160 and 1,251 m (525 and 4,103 ft).

Family Aspleniaceae: *Ctenitis squamigera* (pauoa)

Molokai 6—*Ctenitis squamigera*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes critical habitat for *Ctenitis squamigera* on Molokai. Within this unit, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

(i) Mesic forest and gulch slopes with one or more of the following associated native species: *Carex meyenii*, *Diospyros sandwicensis*, *Dryopteris*

unidentata, *Metrosideros polymorpha*, *Nephrolepis exaltata*, *Nestegis sandwicensis*, *Pleomele auwahiensis*, *Pouteria sandwicensis*, or *Xylosma hawaiiense*; and

(ii) Elevations between 757 and 1,133 m (2,483 and 3,716 ft).

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

Molokai 6—*Diellia erecta*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes critical habitat for *Diellia erecta* on Molokai. Within this unit, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

(i) Mixed mesic forest and mesic *Diospyros sandwicensis* forest with one or more of the following associated native species: *Alyxia oliviformis*, *Bohea* sp., *Coprosma foliosa*, *Dodonaea viscosa*, *Dryopteris unidentata*, *Dubautia linearis* ssp. *opposita*, *Leptecophylla tameiameiaie*, *Metrosideros polymorpha*, *Myrsine* sp., *Ochrosia compta*, *Pleomele auwahiensis*, *Psychotria* sp., *Sophora chrysophylla*, *Syzygium sandwicensis*, or *Wikstroemia* sp.; and

(ii) Elevations between 716 and 1,046 m (2,348 and 3,431 ft).

Family Aspleniaceae: *Diplazium molokaiense* (NCN)

Molokai 6—*Diplazium molokaiense*—a, identified in the legal descriptions in paragraph (c) of this section, constitutes critical habitat for *Diplazium molokaiense* on Molokai. 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 97 and 1,349 m (318 and 4,425 ft).

Family Grammitidaceae: *Adenophorus periens* (pendant kahi fern)

Molokai 6—*Adenophorus periens*—a, Molokai 6—*Adenophorus periens*—b, and Molokai 6—*Adenophorus periens*—c, identified in the legal descriptions in paragraph (c) of this section, constitute critical habitat for *Adenophorus periens* on Molokai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

(i) Well-developed, closed canopy providing deep shade and high humidity on *Metrosideros polymorpha* trunks, in *Metrosideros polymorpha*-

Myrsine lessertiana forest with one or more of the following associated native species: *Anoetochilus sandvicensis*, *Broussasia arguta*, *Cheirodendron trigynum*, *Cibotium glaucum*, *Coprosma ochracea*, *Cyanea* sp., *Cyrtandra* sp., *Dicranopteris linearis*, *Freycinetia arborea*, *Hedyotis terminalis*, *Ilex*

anomala, *Labordia hirtella*, *Leptecophylla tameiameia*, *Machaerina angustifolia*, *Melicope* sp., *Psychotria* spp., *Stenogyne kamehamehae*, *Syzygium sandwicensis*, *Vaccinium calycinum*, or *Viola chamissoniana* ssp. *robusta*; and

(ii) Elevations between 816 and 1,508 m (2,676 and 4,946 ft).

Dated: February 27, 2003.

Craig Manson,

Assistant Secretary for Fish and Wildlife and Parks.

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