

TABLE 4.—APPROXIMATE CRITICAL HABITAT AREA DESIGNATED BY UNIT AND LANDOWNERSHIP OR JURISDICTION, MOLOKAI, MAUI COUNTY, HAWAII <sup>1</sup>—Continued

Unit name	State/local	Private	Federal	Total
Molokai 6— <i>Spermolepis hawaiiensis</i> —a .....	105 ha (259 ac)	85 ha (211 ac)		85 ha (211 ac)
Molokai 6— <i>Stenogyne bifida</i> —a .....		480 ha (1,185 ac)		585 ha (1,444 ac)
Molokai 6— <i>Zanthoxylum hawaiiense</i> —a .....		259 ha (640 ac)		259 ha (640 ac)
Molokai 7— <i>Bidens wiebkei</i> —b .....		240 ha (593 ac)		240 ha (593 ac)
Molokai 8— <i>Bidens wiebkei</i> —c .....	123 ha (303 ac)	1 ha (2 ac)		124 ha (305 ac)
Molokai 9— <i>Isodendron pyrifolium</i> —a .....	101 ha (249 ac)			101 ha (249 ac)
Molokai 9— <i>Hibiscus brackenridgei</i> —a .....	107 ha (264 ac)			107 ha (264 ac)
Molokai 9— <i>Sesbania tomentosa</i> —b .....	88 ha (217 ac)			88 ha (217 ac)
Grand Total* .....	4,958 ha (12,251 ac)	4,884 ha (12,068 ac)	1 ha (3 ac)	9,843 ha (24,333 ac)

<sup>1</sup> Area differences due to digital mapping discrepancies between TMK data (GDSI 2000) and USGS coastline, or differences due to rounding.

\*Totals take into consideration overlapping individual species units.

Critical habitat includes habitat for these 41 species in the northwestern, northeastern, central, and southern portions of Molokai. Lands designated as critical habitat have been divided into a total of 88 units. A brief description of each unit is presented alphabetically below.

#### Descriptions of Critical Habitat Units

##### Molokai 6—*Adenophorus periens*—a

This unit is critical habitat for *Adenophorus periens* and is 79 ha (194 ac) on State (Puu Alii NAR) and private land and contains a portion of the eastern ridge of Waikolu Valley. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Adenophorus periens* and is currently unoccupied. The habitat features contained in this unit that are essential for this species include, but are not limited to, *Metrosideros polymorpha* trunks in *M. polymorpha-Cibotium glaucum* lowland wet forest and cloud forests in well-developed, closed canopy, providing deep shade and high humidity. In addition, it is some distance away from the other critical habitat for this species, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

##### Molokai 6—*Adenophorus periens*—b

This unit is critical habitat for *Adenophorus periens* and is 396 ha (980 ac) on State (Molokai Forest Reserve) and private land. The unit contains a portion of Kaholoapele, Kamakou, Pakui, Puu o Wahaula, and Uapa

Summits, and Kalapa, Konomanu, and Kuana Ridges. This unit provides habitat for 2 populations of 300 mature, reproducing individuals of the short-lived perennial *Adenophorus periens* and is currently unoccupied. This unit is essential to the conservation of the species because it supports habitat that is necessary to the establishment of additional populations on Molokai in order to reach recovery goals. The habitat features contained in this unit that are essential for this species include, but are not limited to, *Metrosideros polymorpha* trunks in *M. polymorpha-Cibotium glaucum* lowland wet forest and cloud forests in well-developed, closed canopy, providing deep shade and high humidity. In addition, it is some distance away from the other critical habitat for this species, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

##### Molokai 6—*Adenophorus periens*—c

This unit is critical habitat for *Adenophorus periens* and is 214 ha (530 ac) on State (Molokai Forest Reserve and Olokui NAR) and private land. The unit contains a portion of Kapapa Pali, Olokui and Pohakuulaula Summits. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Adenophorus periens* and is currently unoccupied. This unit is essential to the conservation of the species because it supports habitat that is necessary to the establishment of additional populations on Molokai in order to reach recovery

goals. The habitat features contained in this unit that are essential for this species include, but are not limited to, *Metrosideros polymorpha* trunks in *M. polymorpha-Cibotium glaucum* lowland wet forest and cloud forests in well-developed, closed canopy, providing deep shade and high humidity. In addition, it is some distance away from the other critical habitat for this species, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

##### Molokai 6—*Alectryon macrococcus*—a

This unit is critical habitat for *Alectryon macrococcus* and is 125 ha (309 ac) on State land (Molokai Forest Reserve), containing a portion of Kupaia Gulch. This unit provides habitat for one population of 100 mature, reproducing individuals of the long-lived perennial *Alectryon macrococcus* and is currently occupied by 5 plants. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is essential for the expansion of the present population, which is currently considered nonviable. The habitat features contained in this unit that are essential for this species include, but are not limited to talus slopes or gulches within dry or mesic lowland forest, which are unique to the Molokai range of the species. In addition, it is some distance away from the other critical habitat for this species, in order to avoid all recovery populations from being