

TABLE 3.—APPROXIMATE CRITICAL HABITAT DESIGNATED AREA BY UNIT AND LANDOWNERSHIP OR JURISDICTION, HAWAII COUNTY, HAWAII ¹—Continued

Unit name	State/local	Private	Federal	Total
Hawaii 3— <i>Phyllostegia warshaueri</i> —a	2,248 ha (5,555 ac)	223 ha (550 ac)	.....	2,471 ha (6,105 ac)
Hawaii 8— <i>Phyllostegia warshaueri</i> —b	1,177 ha (2,908 ac)	.....	.....	1,177 ha (2,908 ac)
Hawaii 24— <i>Plantago hawaiiensis</i> —a	1,348 ha (3,330 ac)	.....	.....	1,348 ha (3,330 ac)
Hawaii 25— <i>Plantago hawaiiensis</i> —b .....	.....	.....	1,522 ha (3,761 ac)	1,522 ha (3,761 ac)
Hawaii 30— <i>Plantago hawaiiensis</i> —c	1,219 ha (3,012 ac)	.....	.....	1,219 ha (3,012 ac)
Hawaii 7— <i>Pleomele hawaiiensis</i> —a	499 ha (1,233 ac)	178 ha (440 ac)	.....	677 ha (1,673 ac)
Hawaii 10— <i>Pleomele hawaiiensis</i> —b	1,339 ha (3,306 ac)	<1 ha (<1 ac)	.....	1,339 ha (3,306 ac)
Hawaii 18— <i>Pleomele hawaiiensis</i> —c	1,997 ha (4,933 ac)	<1 ha (1 ac)	.....	1,997 ha (4,934 ac)
Hawaii 23— <i>Pleomele hawaiiensis</i> —d .....	.....	.....	8,943 ha (22,097 ac)	8,943 ha (22,097 ac)
Hawaii 27— <i>Portulaca sclerocarpa</i> —a .....	.....	.....	4,390 ha (10,848 ac)	4,390 ha (10,848 ac)
Hawaii 20— <i>Sesbania tomentosa</i> —a .....	.....	.....	486 ha (1,201 ac)	486 ha (1,201 ac)
Hawaii 23— <i>Sesbania tomentosa</i> —b .....	.....	.....	803 ha (1,984 ac)	803 ha (1,984 ac)
Hawaii 30— <i>Sicyos alba</i> —a	2,776 ha (6,860 ac)	.....	3,490 ha (8,623 ac)	6,266 ha (15,483 ac)
Hawaii 25— <i>Silene hawaiiensis</i> —a .....	.....	.....	854 ha (2,110 ac)	854 ha (2,110 ac)
Hawaii 27— <i>Silene hawaiiensis</i> —b .....	.....	.....	1,942 ha (4,798 ac)	1,942 ha (4,798 ac)
Hawaii 10— <i>Solanum incompletum</i> —a	704 ha (1,738 ac)	1 ha (3 ac)	.....	705 ha (1,741 ac)
Hawaii 11— <i>Solanum incompletum</i> —b	57 ha (141 ac)	.....	.....	57 ha (141 ac)
Hawaii 4— <i>Vigna o-wahuensis</i> —a .....	.....	49 ha (121 ac)	.....	49 ha (121 ac)
Hawaii 4— <i>Vigna o-wahuensis</i> —b .....	.....	35 ha (87 ac)	.....	35 ha (87 ac)
Hawaii 4— <i>Vigna o-wahuensis</i> —c .....	.....	51 ha (127 ac)	.....	51 ha (127 ac)
Hawaii 10— <i>Zanthoxylum dipetalum</i> ssp. <i>tomentosum</i> —a	1,685 ha (4,164 ac)	.....	.....	1,685 ha (4,164 ac)
Total *	46,109 ha (114,356 ac)	6,482 ha (16,025 ac)	31,600 ha (78,085 ac)	84,200 ha ¹ (208,063 ac)

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

* Total take into consideration overlapping individual species units.

TABLE 4.—APPROXIMATE FINAL CRITICAL HABITAT AREA (HA (AC)), ESSENTIAL AREA, AND EXCLUDED AREA

Area considered essential	118,444 ha (292,679 ac)
Area not included because of special management or protection (Pohakuloa Training Area).	19,239 ha (47,540 ac)
Area excluded under 4(b)(2) (Kamehameha Schools, Queen Liliuokalani Trust, TSA/MID, State).	5,860 ha (14,478 ac)
Final Critical Habitat	109,299 ha (270,083 ac)

Lands designated as critical habitat for the 41 species on the island of

Hawaii have been divided into a total of 105 units. A brief description of each unit is presented below.

Descriptions of Critical Habitat Units

Hawaii 9—*Achyranthes mutica*—a through Hawaii 9—*Achyranthes mutica*—j

We are designating 10 critical habitat units for *Achyranthes mutica*, a short-lived perennial. Only unit “Hawaii 9—*Achyranthes mutica*—b” currently supports an extant colony of this species. This unit contains the physical and biological features essential to the conservation of the species. It supports an extant colony and includes habitat that is important for the expansion of the present population. The remaining nine unoccupied units are essential to

the conservation of the species because they support habitat that is necessary for the establishment of additional populations in order to reach established conservation goals. Each of the 10 units provides habitat for 1 population of 300 mature, reproducing individuals of *A. mutica*. The habitat features contained in these units that are essential for this species include, but are not limited to, lowland dry forest, primarily in gulches but also in remnant stands of forest. Each unit is geographically separated from other critical habitat for this multi-island species in order to reduce the likelihood of all recovery populations on the island being destroyed by one naturally occurring catastrophic event. Although this species is historically known from