

habitat for one population of this species.

Oahu 4—*Lipochaeta tenuifolia*—b

This unit is critical habitat for *Lipochaeta tenuifolia* and is 66 ha (167 ac) on State (Kaala NAR) land. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Lipochaeta tenuifolia* and is currently occupied by 100 individuals. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is necessary 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, ridge tops or bluffs in open areas or protected pockets of dry to mesic forest or shrublands. Although we do not believe that enough critical habitat currently exists to reach the recovery goal of 8 to 10 populations for this species, this unit is geographically separated from the other two units designated as critical habitat for this island-endemic species to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event. In addition, this unit is separated from Army lands at Makua Military Reservation that provide habitat for one population of this species.

Oahu 4—*Lipochaeta tenuifolia*—c

This unit is critical habitat for *Lipochaeta tenuifolia* and is 118 ha (292 ac) on State (Waianae Kai Forest Reserve) land. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Lipochaeta tenuifolia* and is currently occupied by 150 individuals. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is necessary 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, ridge tops or bluffs in open areas or protected pockets of dry to mesic forest or shrublands. Although we do not believe that enough critical habitat currently exists to reach the recovery goal of 8 to 10 populations for this species, this unit is geographically separated from the other two units designated as critical habitat for this island-endemic species to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event. In addition, this unit

is separated from Army lands at Makua Military Reservation that provide habitat for one population of this species.

Oahu 20—*Lobelia gaudichaudii* ssp. *koolauensis*—a

This unit is critical habitat for *Lobelia gaudichaudii* ssp. *koolauensis* and is 926 ha (2,287 ac) on private and State (Oahu Forest National Wildlife Refuge, Hauula Forest Reserve, Sacred Falls State Park, Kaipapau Forest Reserve, Kahana Valley State Park, Ewa Forest Reserve, and Waiahole Forest Reserve) land, containing a portion of Eleao, Puu Kaaumakua, and Puu Pauao Summits, and the Koolau Summit Trail. This unit provides habitat for 7 populations of 300 mature, reproducing individuals of the short-lived perennial *Lobelia gaudichaudii* ssp. *koolauensis* and is currently occupied by 247 individuals. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is necessary 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, moderate to steep slopes in *Metrosideros polymorpha* lowland wet shrublands or bogs. This unit is extensive and is geographically separated from Army lands at Kawaihoa Training Area that provide habitat for two populations of this species (see “Analysis of Impacts Under Section 4(b)(2): Other Impacts”). It is therefore unlikely that all populations would be destroyed by one naturally occurring catastrophic event.

Oahu 30—*Lobelia monostachya*—a

This unit is critical habitat for *Lobelia monostachya* and is 59 ha (150 ac) on private and State (Honolulu Watershed Forest Reserve) land. This unit contains no named natural features. This unit provides habitat for one population of 100 mature, reproducing individuals of the long-lived perennial *Lobelia monostachya* and is currently unoccupied. This unit is essential to the conservation of the species because it supports habitat that is necessary for the establishment of additional populations on Oahu 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, steep, sparsely vegetated cliffs in mesic shrubland. Although we do not believe that enough critical habitat currently exists to reach the recovery goal of 8 to 10 populations for this species, this unit is geographically separated from the

other three units designated as critical habitat for this island-endemic species to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

Oahu 32—*Lobelia monostachya*—b

This unit is critical habitat for *Lobelia monostachya* and is 47 ha (115 ac) on private and State (Honolulu Watershed Forest Reserve) land, containing a portion of Kulepiamoa, Mauumae, and Wiliwilinui Ridges. This unit provides habitat for 4 populations of 100 mature, reproducing individuals of the long-lived perennial *Lobelia monostachya* and is currently occupied by 3 individuals. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is necessary 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, steep, sparsely vegetated cliffs in mesic shrubland. Although we do not believe that enough critical habitat currently exists to reach the recovery goal of 8 to 10 populations for this species, this unit is geographically separated from the other three units designated as critical habitat for this island-endemic species to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

Oahu 33—*Lobelia monostachya*—c

This unit is critical habitat for *Lobelia monostachya* and is 70 ha (174 ac) on private and State (Honolulu Watershed Forest Reserve and Waahila Ridge State Park) land, containing a portion of Waahila Ridge. This unit provides habitat for one population of 100 mature, reproducing individuals of the long-lived perennial *Lobelia monostachya* and is currently unoccupied. This unit is essential to the conservation of the species because it supports habitat that is necessary for the establishment of additional populations on Oahu 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, steep, sparsely vegetated cliffs in mesic shrubland. Although we do not believe that enough critical habitat currently exists to reach the recovery goal of 8 to 10 populations for this species, this unit is geographically separated from the other three units designated as critical habitat for this island-endemic species to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.