

Oahu 35—*Lobelia monostachya*—d

This unit is critical habitat for *Lobelia monostachya* and is 493 ha (1,217 ac) on private, Federal, 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 4—*Lobelia niihauensis*—a

This unit is critical habitat for *Lobelia niihauensis* and is 44 ha (108 ac) on State (Waianae Kai Forest Reserve) land, containing a portion of Puu Kawiwi. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Lobelia niihauensis* and is currently occupied by 14 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. It provides habitat for the easternmost range of the species. The habitat features contained in this unit that are essential for this species include, but are not limited to, exposed mesic or dry cliffs or ledges. This unit is geographically separated from critical habitat designated elsewhere on Oahu and on Kauai for this species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 17—*Lobelia niihauensis*—b

This unit is critical habitat for *Lobelia niihauensis* and is 41 ha (102 ac) on State (Nanakuli Forest Reserve) land. This unit contains no named natural features. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Lobelia niihauensis* and

is currently occupied by 37 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. It provides habitat for the easternmost range of the species. The habitat features contained in this unit that are essential for this species include, but are not limited to, exposed mesic or dry cliffs or ledges. This unit is geographically separated from critical habitat designated elsewhere on Oahu and on Kauai for this species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 20—*Lobelia oahuensis*—a

This unit is critical habitat for *Lobelia oahuensis* and is 493 ha (1,218 ac) on private, Federal, and State (Oahu Forest National Wildlife Refuge, Kahana Valley State Park, Ewa Forest Reserve, and Waiahole Forest Reserve) land, containing a portion of Puu Pauao, and Eleao, Puu Kaaumakua, Puu Kahuauli, and Puu Keahiakahoe Summits. This unit provides habitat for 7 populations of 300 mature, reproducing individuals of the short-lived perennial *Lobelia oahuensis* and is currently occupied by 13 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 slopes on summit cliffs in cloudswept wet forests or in lowland wet shrublands that are frequently exposed to heavy wind and rain. This unit is rather extensive and is geographically separated from the other unit designated as critical habitat for this island-endemic species, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

Oahu 35—*Lobelia oahuensis*—b

This unit is critical habitat for *Lobelia oahuensis* and is 152 ha (374 ac) on private and State (Honolulu Watershed Forest Reserve and Kuliouou Forest Reserve) land, containing a portion of Kaiawaunui, Konahuanui, and Palike Summits, Mount Olympus, and Puu o Kona. This unit provides habitat for 3 populations of 300 mature, reproducing individuals of the short-lived perennial *Lobelia oahuensis* and is currently occupied by 38 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 slopes on summit cliffs in cloudswept wet forests or in lowland wet shrublands that are frequently exposed to heavy wind and rain. This unit is geographically separated from the other unit designated as critical habitat for this island-endemic species, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

Oahu 20—*Lysimachia filifolia*—a

This unit is critical habitat for *Lysimachia filifolia* and is 1,512 ha (3,734 ac) on private, Federal, and State (Hauula Forest Reserve, Sacred Falls State Park, Kaipapau Forest Reserve, Kahana Valley State Park, Waiahole Forest Reserve, and Kaneohe Forest Reserve) land, containing a portion of Castle Trail, Keaahala Spring, Nanaikaalea Summit, Nuuanu Pali, Puu Kaaumakua, Puu Kahuauli, Puu Keahiakahoe, Puu Pauao, Sacred Falls, Waiahole Ditch, and the Luluku Tunnels. This unit provides habitat for 6 populations of 300 mature, reproducing individuals of the short-lived perennial *Lysimachia filifolia* and is currently occupied by 160 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. It provides habitat for the easternmost range of the species. The habitat features contained in this unit that are essential for this species include, but are not limited to, mossy banks at the base of cliff faces within the spray zone of waterfalls or along streams. This unit is geographically separated from critical habitat designated on Kauai for this species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 4—*Mariscus pennatifolius*—a

This unit is critical habitat for *Mariscus pennatifolius* and is 166 ha (410 ac) on State (Pahole NAR and Mokuleia Forest Reserve) land. This unit contains no named natural features. This unit provides habitat for 2 populations of 300 mature, reproducing individuals of the short-lived perennial *Mariscus pennatifolius* and is currently