

mature, reproducing individuals of the long-lived perennial *Melicope saint-johnii* and is currently occupied by 161 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, ridges or gulch bottoms in mesic forest. 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 unit designated as critical habitat for this island-endemic species to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

Oahu 20—*Myrsine juddii*—a

This unit is critical habitat for *Myrsine juddii* and is 950 ha (2,347 ac) on private and State (Hauula Forest Reserve, Sacred Falls State Park, Kaipapau Forest Reserve, Kahana Valley State Park, and Ewa Forest Reserve) land, containing the Koolau Summit Trail. This unit provides habitat for 6 populations of 100 mature, reproducing individuals of the long-lived perennial *Myrsine juddii* and is currently occupied by 5,000 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. The habitat features contained in this unit that are essential for this species include, but are not limited to, ridge crests or gulch slopes in wet forests or shrublands dominated by *Metrosideros polymorpha* or a mixture of *Metrosideros polymorpha* and *Dicranopteris linearis*. This unit is extensive and is geographically separated from Army lands at Kawaiiloa and Schofield Barracks that provide habitat for four 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 3—*Neraudia angulata*—a

This unit is critical habitat for *Neraudia angulata* and is 39 ha (97 ac) on State (Kaena Point State Park and Kuaokala 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 *Neraudia angulata* and is currently occupied by 2 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 *Neraudia angulata* var. *angulata* include, but are not limited to, slopes, ledges, or gulches in lowland mesic or dry forest. The habitat features contained in this unit that are essential for *Neraudia angulata* var. *dentata* include, but are not limited to, cliffs, rock embankments, gulches, or slopes in mesic or dry forest. This unit is geographically separated from the other five units designated as critical habitat for this island-endemic species, and from habitat for three populations on Army lands at Makua Military Reservation, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

Oahu 4—*Neraudia angulata*—b

This unit is critical habitat for *Neraudia angulata* and is 90 ha (222 ac) on private and State (Mokuleia Forest Reserve and Pahole NAR) 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 *Neraudia angulata* and is currently occupied by one individual. 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 *Neraudia angulata* var. *angulata* include, but are not limited to, slopes, ledges, or gulches in lowland mesic or dry forest. The habitat features contained in this unit that are essential for *Neraudia angulata* var. *dentata* include, but are not limited to, cliffs, rock embankments, gulches, or slopes in mesic or dry forest. This unit is geographically separated from the other five units designated as critical habitat for this island-endemic species and from habitat for three populations on Army lands at Makua Military Reservation, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

Oahu 4—*Neraudia angulata*—c

This unit is critical habitat for *Neraudia angulata* and is 298 ha (736 ac) on State land in the Waianae Kai area. This unit contains no named natural features. This unit provides habitat for 2 populations of 300 mature, reproducing individuals of the short-lived perennial *Neraudia angulata* 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 *Neraudia angulata* var. *angulata* include, but are not limited to, slopes, ledges, or gulches in lowland mesic or dry forest. The habitat features contained in this unit that are essential for *Neraudia angulata* var. *dentata* include, but are not limited to, cliffs, rock embankments, gulches, or slopes in mesic or dry forest. This unit is geographically separated from the other five units designated as critical habitat for this island-endemic species and from habitat for three populations on Army lands at Makua Military Reservation, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

Oahu 4—*Neraudia angulata*—d

This unit is critical habitat for *Neraudia angulata* and is 33 ha (81 ac) on State (Waianae Kai 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 *Neraudia angulata* and is currently occupied by one individual. 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 *Neraudia angulata* var. *angulata* include, but are not limited to, slopes, ledges, or gulches in lowland mesic or dry forest. The habitat features contained in this unit that are essential for *Neraudia angulata* var. *dentata* include, but are not limited to, cliffs, rock embankments, gulches, or slopes in mesic or dry forest. This unit is geographically separated from the other five units designated as critical habitat for this island-endemic species and from habitat for three populations on Army lands at Makua Military Reservation, in order to avoid all