

lived perennial *Silene perlmannii* and is occupied by at 12 individuals. This unit is essential to the species' conservation because it supports an extant colony 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 to *Silene perlmannii* include, but are not limited to, steep rocky slopes in *Acacia koa-Metrosideros polymorpha* lowland mesic forest. Although we do not believe that enough 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 15—*Silene perlmannii*—b

This unit is critical habitat for *Silene perlmannii* and is 5 ha (12 ac) on private (Honouliuli Preserve) lands. There are no named natural features in this unit. The unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Silene perlmannii* and is currently unoccupied. This unit is essential to the species' conservation 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 to *Silene perlmannii* include, but are not limited to, steep rocky slopes in *Acacia koa-Metrosideros polymorpha* lowland mesic forest. Although we do not believe that enough 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 15—*Silene perlmannii*—c

This unit is critical habitat for *Silene perlmannii* and is 49 ha (124 ac) on State and private lands in the Waianae Mountains. There are no named natural features in this unit. The unit provides habitat for 2 populations of 300 mature, reproducing individuals of the short-lived perennial *Silene perlmannii* and is currently unoccupied. This unit is essential to the species' conservation 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 to *Silene perlmannii* include, but are not limited to, steep rocky slopes in *Acacia koa-Metrosideros polymorpha* lowland mesic forest. Although we do not believe that enough 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 15—*Silene perlmannii*—d

This unit is critical habitat for *Silene perlmannii* and is 52 ha (130 ac) on private (Honouliuli Preserve) lands. There are no named natural features in this unit. The unit provides habitat for 2 populations of 300 mature, reproducing individuals of the short-lived perennial *Silene perlmannii* and is currently unoccupied. This unit is essential to the species' conservation 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 to *Silene perlmannii* include, but are not limited to, steep rocky slopes in *Acacia koa-Metrosideros polymorpha* lowland mesic forest. Although we do not believe that enough 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—*Solanum sandwicense*—a

This unit is critical habitat for *Solanum sandwicense* and is 104 ha (258 ac) on State (Pahole NAR and Mokuleia Forest Reserve) lands. There are no named natural features in this unit. The unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Solanum sandwicense* and is currently unoccupied. This unit is essential to the species' conservation 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 to *Solanum sandwicense* include, but are not limited to, talus slopes or streambeds in open, sunny areas. 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 4—*Solanum sandwicense*—b

This unit is critical habitat for *Solanum sandwicense* and is 146 ha (361 ac) on State and private (Honouliuli Preserve) lands, containing Puu Kanehoa. The unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Solanum sandwicense* and is currently unoccupied. This unit is essential to the species' conservation 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 to *Solanum sandwicense* include, but are not limited to, talus slopes or streambeds in open, sunny areas. 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 15—*Solanum sandwicense*—c

This unit is critical habitat for *Solanum sandwicense* and is 78 ha (192 ac) on State and private (Honouliuli Preserve) lands. There are no named natural features in this unit. The unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Solanum sandwicense* and is currently unoccupied. This unit is essential to the species' conservation 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 to *Solanum sandwicense* include, but are not limited to, talus slopes or streambeds in open, sunny areas. 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 5—*Spermolepis hawaiiensis*—a

This unit is critical habitat for *Spermolepis hawaiiensis* and is 21 ha (53 ac) on State and private lands, containing Kaneana Cave. The unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Spermolepis hawaiiensis* and is occupied by 32 individuals. This unit is essential to the