

considered nonviable. The habitat features contained in this unit that are essential to *Phyllostegia kaalaensis* include, but are not limited to, gulch slopes or bottoms or almost vertical rock faces in mesic forest or *Sapindus oahuensis* forest. This unit is geographically separated from the other five units designated as critical habitat for this island-endemic species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 4—*Phyllostegia kaalaensis*—b

This unit is critical habitat for *Phyllostegia kaalaensis* and is 589 ha (1,456 ac) on State (Pahole and Kaala NARs and Mokuleia Forest Reserve) lands and contains Dupont Trail. This unit currently occupied by an unknown number of individuals and provides habitat for 6 populations of 300 mature, reproducing individuals of the short-lived perennial *Phyllostegia kaalaensis*. 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 *Phyllostegia kaalaensis* include, but are not limited to, gulch slopes or bottoms or almost vertical rock faces in mesic forest or *Sapindus oahuensis* forest. This unit is geographically separated from the other five units designated as critical habitat for this island-endemic species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 4—*Phyllostegia kaalaensis*—c

This unit is critical habitat for *Phyllostegia kaalaensis* and is 122 ha (304 ac) on State (Kaala NAR, Mokuleia Forest Reserve) and private lands. There are no named natural features in this unit. The unit is currently occupied by 10 individuals and provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Phyllostegia kaalaensis*. 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 *Phyllostegia kaalaensis* include, but are not limited to, gulch slopes or bottoms or almost vertical rock faces in mesic forest or *Sapindus oahuensis* forest. This unit is geographically separated from the other five units designated as critical habitat

for this island-endemic species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 4—*Phyllostegia kaalaensis*—d

This unit is critical habitat for *Phyllostegia kaalaensis* and is 28 ha (69 ac) on State (Waianae Kai Forest Reserve) lands containing Waianae Kai. This unit, combined with Oahu 4—*Phyllostegia kaalaensis*—e, provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Phyllostegia kaalaensis* 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 *Phyllostegia kaalaensis* include, but are not limited to, gulch slopes or bottoms or almost vertical rock faces in mesic forest or *Sapindus oahuensis* forest. This unit is geographically separated from the other five units designated as critical habitat for this island-endemic species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 4—*Phyllostegia kaalaensis*—e

This unit is critical habitat for *Phyllostegia kaalaensis* and is 16 ha (39 ac) on State (Waianae Kai Forest Reserve) lands containing Waianae Kai. This unit is currently occupied by 8 individuals and, combined with Oahu 4—*Phyllostegia kaalaensis*—d, provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Phyllostegia kaalaensis*. 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 *Phyllostegia kaalaensis* include, but are not limited to, gulch slopes or bottoms or almost vertical rock faces in mesic forest or *Sapindus oahuensis* forest. This unit is geographically separated from the other five units designated as critical habitat for this island-endemic species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 15—*Phyllostegia kaalaensis*—f

This unit is critical habitat for *Phyllostegia kaalaensis* and is 30 ha (74 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 *Phyllostegia kaalaensis* and is currently unoccupied. This unit is essential to the species' conservation because it supports habitat that is important to the establishment of additional populations on Oahu in order to reach recovery goals. The habitat features contained in this unit that are essential to *Phyllostegia kaalaensis* include, but are not limited to, gulch slopes or bottoms or almost vertical rock faces in mesic forest or *Sapindus oahuensis* forest. This unit is geographically separated from the other five units designated as critical habitat for this island-endemic species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 15—*Phyllostegia mollis*—a

This unit is critical habitat for *Phyllostegia mollis* and is 152 ha (376 ac) on private (Honouliuli Preserve) lands containing Puu Kanehoa. The unit is currently occupied by 7 individuals and provides habitat for 2 populations of 300 mature, reproducing individuals of the short-lived perennial *Phyllostegia mollis*. 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 *Phyllostegia mollis* include, but are not limited to, steep slopes or gulches in diverse mesic to wet forests. This unit is geographically separated from other critical habitat designated elsewhere on Oahu and on Maui for this species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 15—*Phyllostegia mollis*—b

This unit is critical habitat for *Phyllostegia mollis* and is 85 ha (210 ac) on private (Honouliuli Preserve) lands. There are no named natural features in this unit. The unit is currently occupied by 7 individuals and provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Phyllostegia mollis*. 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 *Phyllostegia mollis* include,