

reproducing individuals of the short-lived perennial *Phyllostegia knudsenii* and is currently occupied with 4 to 13 plants. This unit is essential to the conservation of the taxon because it supports an extant colony of this species and includes habitat that is important for the expansion of the present population, which is currently considered non-viable. The habitat features contained in this unit that are essential for this species include, but are not limited to, *Metrosideros polymorpha* lowland mesic or wet forest. Although we do not feel that there is enough habitat designated to reach the recovery goal of 8 to 10 populations, this species is a very narrow endemic and probably never naturally occurred in more than a single or a few populations.

Kauai 11—*Phyllostegia waimeae*—a

This unit is critical habitat for *Phyllostegia waimeae* and is 365 ha (901 ac) on State land (Alakai Wilderness Preserve), containing portions of Kawaiiki Ridge. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Phyllostegia waimeae* and is currently occupied with six plants. This unit is essential to the conservation of the taxon because it supports an extant colony of this species and includes habitat that is important for the expansion of the present population, which is currently considered non-viable. The habitat features contained in this unit that are essential for this species include, but are not limited to, *Acacia koa-Metrosideros polymorpha* dominated wet or mixed mesic forest with *Cheirodendron* spp. or *Dicranopteris linearis* as co-dominants. Although we do not feel that there is enough habitat designated to reach the recovery goal of 8 to 10 populations, this species is a very narrow endemic and probably never naturally occurred in more than a single or a few populations.

Kauai 4—*Phyllostegia wawrana*—a

This unit is critical habitat for *Phyllostegia wawrana* and is 351 ha (871 ac) on State (Kealia Forest Reserve) and private land. This unit contains Lelewi, Makaleha, Uluawaa, and Wekiu Summits. This unit provides habitat for two populations of 300 mature, reproducing individuals of the short-lived perennial *Phyllostegia wawrana* and is currently occupied with 25 to 35 plants. This unit is essential to the conservation of the taxon because it supports an extant colony of this species and includes habitat that is important for the expansion of the present population, which is currently

considered non-viable. The habitat features contained in this unit that are essential for this species include, but are not limited to, *Acacia koa-Metrosideros polymorpha-Cheirodendron* mixed mesic forest. This unit is geographically separated from the other three units designated as critical habitat for this island-endemic species, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophe.

Kauai 11—*Phyllostegia wawrana*—b

This unit is critical habitat for *Phyllostegia wawrana* and is 1,038 ha (2,565 ac) on State (Alakai Wilderness Preserve, Halelea Forest Reserve, Hono o Na Pali NAR, and Na Pali Coast State Park) and private land. This unit contains Hanakoa Valley, and Alealau Summit, Hono O Napali, Keanapuka, Moaalele, Pali elele, Pohakea, Puu Ki, and Waiahuakua Summits. This unit provides habitat for three populations of 300 mature, reproducing individuals of the short-lived perennial *Phyllostegia wawrana* and is currently occupied with three plants. This unit is essential to the conservation of the taxon because it supports an extant colony of this species and includes habitat that is important for the expansion of the present population, which is currently considered non-viable. The habitat features contained in this unit that are essential for this species include, but are not limited to, *Acacia koa-Metrosideros polymorpha-Cheirodendron* mixed mesic forest. This unit is geographically separated from the other three units designated as critical habitat for this island-endemic species, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophe.

Kauai 11—*Phyllostegia wawrana*—c

This unit is critical habitat for *Phyllostegia wawrana* and is 108 ha (268 ac) on State land (Alakai Wilderness Preserve), containing portions of Kipalau Valley. This unit provides habitat for two populations of 300 mature, reproducing individuals of the short-lived perennial *Phyllostegia wawrana* and is currently occupied with 1 to 10 plants. This unit is essential to the conservation of the taxon because it supports an extant colony of this species and includes habitat that is important for the expansion of the present population, which is currently considered non-viable. The habitat features contained in this unit that are essential for this species include, but are not limited to, *Acacia koa-Metrosideros polymorpha-Cheirodendron* mixed mesic forest. This unit is geographically

separated from the other three units designated as critical habitat for this island-endemic species, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophe.

Kauai 11—*Phyllostegia wawrana*—d

This unit is critical habitat for *Phyllostegia wawrana* and is 251 ha (620 ac) on State land (Kokee and Na Pali Coast State Parks). This unit contains portions of Honopu Trail, Kainamanu and Kalahu Summits, and Kalalau Lookout. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Phyllostegia wawrana* and is currently occupied with 5 to 6 plants. This unit is essential to the conservation of the taxon because it supports an extant colony of this species and includes habitat that is important for the expansion of the present population, which is currently considered non-viable.

The habitat features contained in this unit that are essential for this species include, but are not limited to, *Acacia koa-Metrosideros polymorpha-Cheirodendron* mixed mesic forest. This unit is geographically separated from the other three units designated as critical habitat for this island-endemic species, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophe.

Kauai 10—*Plantago princeps*—a

This unit is critical habitat for *Plantago princeps* and is 277 ha (682 ac) on State (Halelea and Lihue-Koloa Forest Reserves) and private land. This unit contains Kuaohukini Summit. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Plantago princeps* and is currently occupied with 350 to 400 plants. This unit is essential to the conservation of the taxon because it supports an extant colony of this species and includes habitat that is important for the expansion of the present population. It provides habitat for the westernmost range of the species that is unique to Kauai. The habitat features contained in this unit that are essential for this species include, but are not limited to, windswept areas near waterfalls in *Metrosideros polymorpha-Cheirodendron* montane wet forest with riparian vegetation or *Metrosideros polymorpha* lowland to montane transitional wet forest on cliffs and ridges, growing on rocky basalt outcrops. This unit provides for one population within this multi-island species' historical range on Kauai that is some distance away from the other