

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, ridges and steep cliffs in closed *Metrosideros polymorpha-Dicranopteris linearis* montane wet forest, *M. polymorpha-Cheirodendron* spp. montane wet forest, or *Acacia koa-M. polymorpha* montane mesic forest. This unit is geographically separated from the other two 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. Although we do not feel that there is enough habitat that currently exists to reach the recovery goal of 8 to 10 populations for this species, this unit is at an appropriate distance from the other units to avoid their destruction by one naturally occurring catastrophic event.

Kauai 11—*Schiedea helleri*—c

This unit is critical habitat for *Schiedea helleri* and is 172 ha (426 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 *Schiedea helleri* and is currently unoccupied. This unit is essential to the conservation of the taxon because it supports habitat that is important to the establishment of additional populations on Kauai 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, ridges and steep cliffs in closed *Metrosideros polymorpha-Dicranopteris linearis* montane wet forest, *M. polymorpha-Cheirodendron* spp. montane wet forest, or *Acacia koa-M. polymorpha* montane mesic forest. This unit is geographically separated from the other two 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. Although we do not feel that there is enough habitat that currently exists to reach the recovery goal of 8 to 10 populations for this species, this unit is at an appropriate distance from the other units to avoid their destruction by one naturally occurring catastrophic event.

Kauai 11—*Schiedea kauaiensis*—a

This unit is critical habitat for *Schiedea kauaiensis* and is 12 ha (29 ac) on private land, containing Pohakukane Cliffs. This unit provides habitat for one population of 300 mature, reproducing

individuals of the short-lived perennial *Schiedea kauaiensis* and is currently unoccupied. This unit is essential to the conservation of the taxon because it supports habitat that is important to the establishment of additional populations on Kauai 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 slopes in diverse mesic to wet *Acacia koa-Metrosideros polymorpha* 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—*Schiedea kauaiensis*—b

This unit is critical habitat for *Schiedea kauaiensis* and is 395 ha (975 ac) on State land (Kokee and Na Pali Coast State Parks). This unit contains Kahuamaa Flat, and Kalahu, Piheha, and Puu o Kila Summits, and Kalalau Lookout. This unit provides habitat for two populations of 300 mature, reproducing individuals of the short-lived perennial *Schiedea kauaiensis* and is currently occupied with five 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, steep slopes in diverse mesic to wet *Acacia koa-Metrosideros polymorpha* 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—*Schiedea kauaiensis*—c

This unit is critical habitat for *Schiedea kauaiensis* and is 510 ha (1,260 ac) on State land (Kuia NAR). This unit contains portions of Kuia and Mahanaloa Valleys and Milolii Ridge. This unit provides habitat for three populations of 300 mature, reproducing individuals of the short-lived perennial *Schiedea kauaiensis* and is currently occupied with 17 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, steep slopes in diverse mesic to wet *Acacia koa-Metrosideros polymorpha* 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—*Schiedea kauaiensis*—d

This unit is critical habitat for *Schiedea kauaiensis* and is 11 ha (28 ac) on State land (Hono o Na Pali NAR), containing portions of Kalalau Trail. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Schiedea kauaiensis* and is currently unoccupied. This unit is essential to the conservation of the taxon because it supports habitat that is important to the establishment of additional populations on Kauai 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 slopes in diverse mesic to wet *Acacia koa-Metrosideros polymorpha* 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—*Schiedea membranacea*—a

This unit is critical habitat for *Schiedea membranacea* and is 251 ha (620 ac) on State land (Alakai Wilderness Preserve) within the Koaie Canyon. This unit provides habitat for two populations of 300 mature, reproducing individuals of the short-lived perennial *Schiedea membranacea* and is currently occupied with 6 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, cliffs or cliff bases of mesic or wet habitats, in lowland or montane shrubland, or forest communities dominated by *Acacia koa*, *Pipturus* spp. and *Metrosideros polymorpha* or Urticaceae shrubland on talus slopes. 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