

Limahuli Valleys, Waiopa, and Kaliko, Namolokama Mountain, and Puu Manu Summits, and. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Adenophorus periens* and is currently occupied with two 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. It provides habitat for the westernmost range of the species. The habitat features contained in this unit that are essential for this species include, but are not limited to, *Metrosideros polymorpha* trunks, in riparian banks of stream systems in well-developed, closed, shady canopy. This unit provides for one population within this multi-island species' historical range on Kauai that is some distance away from the other critical habitat for this species, in order to avoid all recovery populations on the island from being destroyed by one naturally occurring catastrophic event.

Kauai 11—*Adenophorus periens*—d

This unit is critical habitat for *Adenophorus periens* and is 1,007 ha (2,487 ac) on State (Halelea Forest Reserve, Hono o Na Pali NAR, and Na Pali Coast State Park) and private land. The unit contains a portion of Kalalau and Limahuli Valleys, and Hono o Na Pali, Keanapuka, Moaalele, Pali Eleele, and Pihea Summits. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Adenophorus periens* 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. It provides habitat for the westernmost range of the species. The habitat features contained in this unit that are essential for this species include, but are not limited to, *Metrosideros polymorpha* trunks, in riparian banks of stream systems in well-developed, closed, shady canopy. This unit provides for one population within this multi-island species' historical range on Kauai that is some distance away from the other critical habitat for this species, in order to avoid all recovery populations on the island from being destroyed by one naturally occurring catastrophic event.

Kauai 11—*Alectryon macrococcus*—a

This unit is critical habitat for *Alectryon macrococcus* and is 382 ha (943 ac) on State land (Alakai Wilderness Preserve). This unit contains portions of Kawaiiki and Kipalau Valleys. This unit provides habitat for one population of 100 mature, reproducing individuals of the long-lived perennial *Alectryon macrococcus* and is currently occupied with between 123 and 133 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. It provides habitat for the westernmost range of the species. The habitat features contained in this unit that are essential for this species include, but are not limited to, dry slopes or gulches in *Diospyros* spp.-*Metrosideros polymorpha* lowland mesic forest, *Metrosideros polymorpha* mixed mesic forest, or *Diospyros* spp. mixed mesic forest. This unit provides for one population within this multi-island species' historical range on Kauai that is some distance away from the other critical habitat for this species, in order to avoid all recovery populations on the island from being destroyed by one naturally occurring catastrophic event.

Kauai 11—*Alectryon macrococcus*—b

This unit is critical habitat for *Alectryon macrococcus* and is 90 ha (222 ac) on State land (Na Pali Coast State Park) and is completely within the back of Kalalau Valley. The habitat features contained in this unit that are essential for this species include, but are not limited to, dry slopes or gulches in *Diospyros* spp.-*Metrosideros polymorpha* lowland mesic forest, *Metrosideros polymorpha* mixed mesic forest, or *Diospyros* spp. mixed mesic forest. This unit provides habitat for one population of 100 mature, reproducing individuals of the long-lived perennial *Alectryon macrococcus* and is currently occupied with between 35 and 40 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. It provides habitat for the westernmost range of the species. Critical habitat on this island provides for a recovery population within the historical range of this multi-island species.

Kauai 11—*Alsinidendron lychnoides*—a

This unit is critical habitat for *Alsinidendron lychnoides* and is 994 ha (2,457 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 portions of the Alakai Trail and Alealau, Hono o Na Pali, Keanapuka, Moaalele, Pihea, Pohakea, and Waiahuakua Summits. This unit provides habitat for six populations of 100 mature, reproducing individuals of the long-lived perennial *Alsinidendron lychnoides* 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, steep riparian clay or silty soil banks in montane wet forests, and is the area most likely to contain a viable seed bank on this side of the island. 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.

Kauai 11—*Alsinidendron lychnoides*—b

This unit is critical habitat for *Alsinidendron lychnoides* and is 138 ha (340 ac) on State land (Alakai Wilderness Preserve) and contains a portion of the Mohihi-Waialae Trail and the Alakai Swamp. This unit provides habitat for two populations of 100 mature, reproducing individuals of the long-lived perennial *Alsinidendron lychnoides* and is currently occupied with one plant. 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 riparian clay or silty soil banks in montane wet forests. 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.

Kauai 11—*Alsinidendron lychnoides*—c

This unit is critical habitat for *Alsinidendron lychnoides* and is 55 ha