

other critical habitat for this species, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

Kauai 11—*Melicope knudsenii*—b

This unit is critical habitat for *Melicope knudsenii* and is 373 ha (922 ac) on State land (Alakai Wilderness Preserve). This unit contains portions of Kawaiiki and Kipalau Valleys. This unit provides habitat for two populations of 100 mature, reproducing individuals of the long-lived perennial *Melicope knudsenii* 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 that is unique to Kauai. The habitat features contained in this unit that are essential for this species include, but are not limited to, forested flats with brown granular soil in lowland dry to montane mesic forests. This unit provides for two populations within this multi-island species' historical range on Kauai that are some distance away from the other critical habitat for this species, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

Kauai 11—*Melicope pallida*—a

This unit is critical habitat for *Melicope pallida* and is 143 ha (353 ac) on State land (Alakai Wilderness Preserve), containing portions of Kipalau Valley. This unit provides habitat for one population of 100 mature, reproducing individuals of the long-lived perennial *Melicope pallida* and is currently occupied with 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. 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, steep rock faces in lowland to montane mesic to wet forests or shrubland. 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 from being destroyed by one naturally occurring catastrophic event.

Kauai 11—*Melicope pallida*—b

This unit is critical habitat for *Melicope pallida* and is 310 ha (766 ac) on State land (Na Pali Coast State Park). This unit contains portions of Kaaalahina Ridge and Puu Ki Summit. This unit provides habitat for two populations of 100 mature, reproducing individuals of the long-lived perennial *Melicope pallida* and is currently occupied with 50 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, steep rock faces in lowland to montane mesic to wet forests or shrubland. This unit provides for two populations within this multi-island species' historical range on Kauai that are some distance away from the other critical habitat for this species, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

Kauai 5—*Munroidendron racemosum*—a

This unit is critical habitat for *Munroidendron racemosum* and is 60 ha (148 ac) on State land (Nonou Forest Reserve). This unit contains Nonou Summit and the Sleeping Giant. This unit provides habitat for one population of 100 mature, reproducing individuals of the long-lived perennial *Munroidendron racemosum* 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, steep exposed cliffs or ridge slopes in coastal or lowland 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 7—*Munroidendron racemosum*—b

This unit is critical habitat for *Munroidendron racemosum* and is 50 ha (123 ac) on private land, containing

Naluakeina Summit and Queen Victoria's Profile. This unit provides habitat for one population of 100 mature, reproducing individuals of the long-lived perennial *Munroidendron racemosum* 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. The habitat features contained in this unit that are essential for this species include, but are not limited to, steep exposed cliffs or ridge slopes in coastal or lowland 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—*Munroidendron racemosum*—c

This unit is critical habitat for *Munroidendron racemosum* and is 1,952 ha (4,824 ac) on State (Hono o Na Pali NAR, Haena and Na Pali Coast State Parks) and private land. This unit contains Hanakapiai, Hanakoa, and Kalalau Valleys, Kanakou Summit, Kaaalahina and Kalepa Ridges, Nualolo Kai, and Pohakuao. This unit provides habitat for six populations of 100 mature, reproducing individuals of the long-lived perennial *Munroidendron racemosum* and is currently occupied with 46 to 86 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 exposed cliffs or ridge slopes in coastal or lowland 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—*Munroidendron racemosum*—d

This unit is critical habitat for *Munroidendron racemosum* and is 153 ha (379 ac) on State land (Alakai Wilderness Preserve). This unit contains portions of Kawaiiki and Kipalau Valleys. This unit provides habitat for two populations of 100 mature, reproducing individuals of the long-