

destroyed by one naturally occurring catastrophic event.

Maui 4—*Peucedanum sandwicense*—a

This unit is critical habitat for *Peucedanum sandwicense* and is 1 ha (2 ac) on State-owned land. The unit contains all of Keopuka Rock. It provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *P. sandwicense* and is currently occupied by 20 to 30 plants. The habitat features contained in this unit that are essential for this species include, but are not limited to, sparsely vegetated steep to vertical cliff habitats with little soil in mesic or coastal communities. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is important for the expansion of the present population. It is some distance away from the other critical habitat for this species, in order to avoid all populations important for the conservation of the species on the island from being destroyed by one naturally occurring catastrophic event.

Maui 17—*Peucedanum sandwicense*—b

This unit is critical habitat for *Peucedanum sandwicense* and is 117 ha (289 ac) on privately owned land. The unit contains Iao Valley. It provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *P. sandwicense* and is currently unoccupied. The habitat features contained in this unit that are essential for this species include, but are not limited to, sparsely vegetated steep to vertical cliff habitats with little soil in mesic or coastal communities. This unit is essential to the conservation of the species because it provides for one population within this multi-island species' historical range on Maui that is some distance away from the other critical habitat for this species, in order to avoid all populations important for the conservation of the species on the island from being destroyed by one naturally occurring catastrophic event.

Maui 8—*Phlegmariurus mannii*—a

This unit is critical habitat for *Phlegmariurus mannii* and is 221 ha (548 ac) on State (Makawao Forest Reserve) and privately owned land. The unit contains Puu o Kakae and Opana Gulch. It, in combination with Waikamoi Preserve, provides habitat for two populations of 300 mature, reproducing individuals of the short-lived perennial *P. mannii* and is currently occupied by at least one plant. The habitat features contained in this

unit that are essential for this species include, but are not limited to, epiphytic growth on *Metrosideros polymorpha*, *Dodonaea viscosa*, or *Acacia koa* trees in moist protected gulches or mossy tussocks in mesic to wet montane *M. polymorpha*-*Acacia koa* forests. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is important for the expansion of the present population. It is some distance away from the other critical habitat for this species, in order to avoid all populations important for the conservation of the species on the island from being destroyed by one naturally occurring catastrophic event.

Maui 9—*Phlegmariurus mannii*—b

This unit is critical habitat for *Phlegmariurus mannii* and is 383 ha (947 ac) on State-owned land. The unit contains Manawainui Gulch. It provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *P. mannii* and is currently occupied by at least one plant. The habitat features contained in this unit that are essential for this species include, but are not limited to, epiphytic growth on *Metrosideros polymorpha*, *Dodonaea viscosa*, or *Acacia koa* trees in moist protected gulches or mossy tussocks in mesic to wet montane *M. polymorpha*-*Acacia koa* forests. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is important for the expansion of the present population. It is some distance away from the other critical habitat for this species, in order to avoid all populations important for the conservation of the species on the island from being destroyed by one naturally occurring catastrophic event.

Maui 9—*Phlegmariurus mannii*—c

This unit is critical habitat for *Phlegmariurus mannii* and is 476 ha (1,176 ac) on State (Kipahulu Forest Reserve) and federally owned land (Haleakala National Park). The unit contains Puu Anulili and Manawainui Gulch. It provides habitat for 3 populations of 300 mature, reproducing individuals of the short-lived perennial *P. mannii* and is currently occupied by two plants. The habitat features contained in this unit that are essential for this species include, but are not limited to, epiphytic growth on *Metrosideros polymorpha*, *Dodonaea viscosa*, or *Acacia koa* trees in moist protected gulches or mossy tussocks in mesic to wet montane *M. polymorpha*-

*Acacia koa* forests. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is important for the expansion of the present population. It is some distance away from the other critical habitat for this species, in order to avoid all populations important for the conservation of the species on the island from being destroyed by one naturally occurring catastrophic event.

Maui 17—*Phlegmariurus mannii*—d

This unit is critical habitat for *Phlegmariurus mannii* and is 57 ha (141 ac) on State (Honokowai Section of the West Maui NAR) and privately owned land. The unit contains Amahu and Kanaha streams. It provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *P. mannii* and is currently occupied by at least one plant. The habitat features contained in this unit that are essential for this species include, but are not limited to, epiphytic growth on *Metrosideros polymorpha*, *Dodonaea viscosa*, or *Acacia koa* trees in moist protected gulches or mossy tussocks in mesic to wet montane *M. polymorpha*-*Acacia koa* forests. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is important for the expansion of the present population. It is some distance away from the other critical habitat for this species, in order to avoid all populations important for the conservation of the species on the island from being destroyed by one naturally occurring catastrophic event.

Maui 17—*Phlegmariurus mannii*—e

This unit is critical habitat for *Phlegmariurus mannii* and is 35 ha (87 ac) on State (Lihau Section of the West Maui NAR and West Maui Forest Reserve) and privately owned land. The unit contains Lihau Summit. It provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *P. mannii* and is currently occupied by at least one plant. The habitat features contained in this unit that are essential for this species include, but are not limited to, epiphytic growth on *Metrosideros polymorpha*, *Dodonaea viscosa*, or *Acacia koa* trees in moist protected gulches or mossy tussocks in mesic to wet montane *M. polymorpha*-*Acacia koa* forests. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is important for the expansion of the present