

distance apart to avoid their destruction by one naturally occurring catastrophic event.

Maui 14—*Geranium arboreum*—b

This unit is critical habitat for *Geranium arboreum* and is 452 ha (1,115 ac) on State (Kula Forest Reserve) and privately owned land. The unit contains Waiohuli Gulch. It provides habitat for one population of 100 mature, reproducing individuals of the long-lived perennial *G. arboreum* and is currently occupied by 22 plants. The habitat features contained in this unit that are essential for this species include, but are not limited to, steep, damp, and shaded narrow canyons and gulches, steep banks, and intermittent streams. 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 15—*Geranium arboreum*—c

This unit is critical habitat for *Geranium arboreum* and is 667 ha (1,648 ac) on State (Kula Forest Reserve) and privately owned land. The unit contains land from Waiakoa to Kamehamehenui. It provides habitat for two populations of 100 mature, reproducing individuals of the long-lived perennial *G. arboreum* 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, steep, damp, and shaded narrow canyons and gulches, steep banks, and intermittent streams. 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. 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 island-endemic species, the units are of an appropriate distance apart to avoid their destruction by one naturally occurring catastrophic event.

Maui 8—*Geranium multiflorum*—a

This unit is critical habitat for *Geranium multiflorum* and is 46 ha (113 ac) on privately owned land. The unit contains Honomanu and Pihaau streams. It provides habitat for one population in combination with

Waikamoi Preserve of 100 mature, reproducing individuals of the long-lived perennial *G. multiflorum* and is currently unoccupied. The habitat features contained in this unit that are essential for this species include, but are not limited to, wet or mesic *Metrosideros polymorpha* montane forest or alpine mesic forest, *Leptecophylla tameiameiae* shrubland, *Sophora chrysophylla* subalpine dry forest, open sedge swamps, fog-swept lava flows, or montane grasslands. 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 9—*Geranium multiflorum*—b

This unit is critical habitat for *Geranium multiflorum* and is 4,817 ha (11,902 ac) on State (Koolau Forest Reserve), Federal (Haleakala National Park), and privately owned land. The unit contains Anapanapa Lake, Halalii Summit, Haleakala Crater, Hanakauhi Summit, Hina, Mauna Summit, Honokahua Summit, Ka Moa o Pele Summit, Kalapawili Ridge, Kalua Awa Summit, Kaluaiki Crater, Kaluanui Crater, Koolau Gap, Kuiki Summit, Laie Cave, Laie Puu Summit, Lauulu Summit, Namana o ke Akua Summit, Oili Puu Summit, Pohaku Palaha Summit, Puu Alaea Summit, Puu Kauaua Summit, Puu Kumu Summit, Puu Maile Summit, Puu Mamane Summit, Puu Naue Summit, Puu Nole Summit, and Waikekeehia. It provides habitat for 6 populations of 100 mature, reproducing individuals of the long-lived perennial *G. multiflorum* and is currently occupied by 122 plants. The habitat features contained in this unit that are essential for this species include, but are not limited to, wet or mesic *Metrosideros polymorpha* montane forest or alpine mesic forest, *Leptecophylla tameiameiae* shrubland, *Sophora chrysophylla* subalpine dry forest, open sedge swamps, fog-swept lava flows, or montane grasslands. 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 establishment of additional populations. 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—*Geranium multiflorum*—c

This unit is critical habitat for *Geranium multiflorum* and is 183 ha (450 ac) on State-owned land. The unit contains Manawainui Gulch. It provides habitat for one population of 100 mature, reproducing individuals of the long-lived perennial *G. multiflorum* and is currently unoccupied. The habitat features contained in this unit that are essential for this species include, but are not limited to, wet or mesic *Metrosideros polymorpha* montane forest or alpine mesic forest, *Leptecophylla tameiameiae* shrubland, *Sophora chrysophylla* subalpine dry forest, open sedge swamps, fog-swept lava flows, or montane grasslands. 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 17—*Gouania vitifolia*—a

This unit is critical habitat for *Gouania vitifolia* and is 486 ha (1,198 ac) on State (Panaewa Section of the West Maui NAR) and privately owned land. The unit contains Paupau Summit and Halona and Kanaka streams. It provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *G. vitifolia* and is currently unoccupied. The habitat features contained in this unit that are essential for this species include, but are not limited to, the sides of ridges and gulches in dry to mesic forests. 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 17—*Hedyotis coriacea*—a

This unit is critical habitat for *Hedyotis coriacea* and is 106 ha (262 ac) on State (Lihau Section of the West Maui NAR) and privately owned land. The unit contains Olowalu Valley. It provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *H. coriacea* and is currently occupied by one plant. The habitat features contained in this unit that are essential for this species include, but are not limited to, steep,