

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 slopes, ridge tops, or gulches in lowland wet forests or shrublands. This unit is geographically separated from critical habitat designated elsewhere on Oahu and on Molokai for this species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 20—*Hesperomannia arborescens*—b

This unit is critical habitat for *Hesperomannia arborescens* and is 589 ha (1,456 ac) on private and State (Hauula Forest Reserve, Sacred Falls State Park, and Kaipapau Forest Reserve) land, containing a portion of Sacred Falls. This unit provides habitat for 2 populations of 100 mature, reproducing individuals of the long-lived perennial *Hesperomannia arborescens* and is currently occupied by 24 individuals. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is necessary for the expansion of the present population, which is currently considered nonviable. 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 slopes, ridge tops, or gulches in lowland wet forests or shrublands. This unit is geographically separated from critical habitat designated elsewhere on Oahu and on Molokai for this species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 4—*Hesperomannia arbuscula*—a

This unit is critical habitat for *Hesperomannia arbuscula* and is 597 ha (1,472 ac) on State (Mokuleia Forest Reserve and Pahole and Kaala NARs) land. This unit contains no named natural features. This unit provides habitat for 2 populations of 100 mature, reproducing individuals of the long-lived perennial *Hesperomannia arbuscula* and is currently occupied by 13 individuals. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is necessary for the expansion of the present population, which is currently considered nonviable. 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, slopes or ridges in dry to wet forest

dominated by *Acacia koa* or *Metrosideros polymorpha*. This unit is geographically separated from critical habitat designated elsewhere on Oahu and on Maui for this species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 4—*Hesperomannia arbuscula*—b

This unit is critical habitat for *Hesperomannia arbuscula* and is 32 ha (78 ac) on State (Waianae Kai Forest Reserve) land. This unit contains no named natural features. This unit provides habitat for one population of 100 mature, reproducing individuals of the long-lived perennial *Hesperomannia arbuscula* and is currently occupied by 70 individuals. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is necessary for the expansion of the present population, which is currently considered nonviable. 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, slopes or ridges in dry to wet forest dominated by *Acacia koa* or *Metrosideros polymorpha*. This unit is geographically separated from critical habitat designated elsewhere on Oahu and on Maui for this species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 15—*Hesperomannia arbuscula*—c

This unit is critical habitat for *Hesperomannia arbuscula* and is 163 ha (402 ac) on Federal, State, and private (Honouliuli Preserve) land, containing a portion of Puu Kanehoa. This unit provides habitat for one population of 100 mature, reproducing individuals of the long-lived perennial *Hesperomannia arbuscula* and is currently occupied by 7 individuals. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is necessary for the expansion of the present population, which is currently considered nonviable. 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, slopes or ridges in dry to wet forest dominated by *Acacia koa* or *Metrosideros polymorpha*. This unit is geographically separated from critical habitat designated elsewhere on Oahu and on Maui for this species in order to avoid all recovery populations being

destroyed by one naturally-occurring catastrophic event.

Oahu 15—*Hesperomannia arbuscula*—d

This unit is critical habitat for *Hesperomannia arbuscula* and is 25 ha (60 ac) on State and private (Honouliuli Preserve) land, containing a portion of Puu Kaua. This unit, in combination with Oahu 15—*Hesperomannia arbuscula*—e, provides habitat for one population of 100 mature, reproducing individuals of the long-lived perennial *Hesperomannia arbuscula* and is currently unoccupied. This unit is essential to the conservation of the species because it supports habitat that is necessary for the establishment of additional populations on Oahu in order to reach recovery goals. 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, slopes or ridges in dry to wet forest dominated by *Acacia koa* or *Metrosideros polymorpha*. This unit is geographically separated from critical habitat designated elsewhere on Oahu and on Maui for this species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 15—*Hesperomannia arbuscula*—e

This unit is critical habitat for *Hesperomannia arbuscula* and is 70 ha (172 ac) on State and private (Honouliuli Preserve) land, containing a portion of Palikea Summit and Palikea Trail. This unit, in combination with Oahu 15—*Hesperomannia arbuscula*—d, provides habitat for one population of 100 mature, reproducing individuals of the long-lived perennial *Hesperomannia arbuscula* and is currently occupied by 12 individuals. This unit is essential to the conservation of the species because it supports an extant colony of this species and includes habitat that is necessary for the expansion of the present population, which is currently considered nonviable. 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, slopes or ridges in dry to wet forest dominated by *Acacia koa* or *Metrosideros polymorpha*. This unit is geographically separated from critical habitat designated elsewhere on Oahu and on Maui for this species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.