

one population of 300 mature, reproducing individuals of the short-lived perennial *Cyanea grimesiana* ssp. *grimesiana* and is currently occupied by 6 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. The habitat features contained in this unit that are essential for this species include, but are not limited to, rocky or steep slopes of stream banks in mesic forest often dominated by *Metrosideros polymorpha* or *Metrosideros polymorpha* and *Acacia koa*. It provides habitat for the westernmost range of the species. This unit is geographically separated from critical habitat designated elsewhere on Oahu and on Molokai and Maui for this species in order to avoid all recovery populations being destroyed by one naturally-occurring catastrophic event.

Oahu 4—*Cyanea grimesiana* ssp. *obatae*—a

This unit is critical habitat for *Cyanea grimesiana* ssp. *obatae* and is 523 ha (1,289 ac) on State land (Mokuleia Forest Reserve and Pahole NAR). This unit provides habitat for 3 populations of 300 mature, reproducing individuals of the short-lived perennial *Cyanea grimesiana* ssp. *obatae* and is currently occupied by 4 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. The habitat features contained in this unit that are essential for this species include, but are not limited to, steep, moist, shaded slopes in diverse mesic to wet lowland forests. 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 catastrophic event.

Oahu 15—*Cyanea grimesiana* ssp. *obatae*—b

This unit is critical habitat for *Cyanea grimesiana* ssp. *obatae* and is 185 ha (455 ac) on State, private, and Federal land (Lualualei Naval Reservation). This unit contains a portion of Puu Hapapa and Puu Kanehoa. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Cyanea grimesiana* ssp. *obatae* 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. The habitat features contained in this unit that are essential for this species include, but are not limited to, steep, moist, shaded slopes in diverse mesic to wet lowland forests. 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 catastrophic event.

Oahu 15—*Cyanea grimesiana* ssp. *obatae*—c

This unit is critical habitat for *Cyanea grimesiana* ssp. *obatae* and is 34 ha (84 ac) on private land (Honouliuli Preserve). This unit contains no named natural features. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Cyanea grimesiana* ssp. *obatae* and is currently occupied by three 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. The habitat features contained in this unit that are essential for this species include, but are not limited to, steep, moist, shaded slopes in diverse mesic to wet lowland forests. 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 catastrophic event.

Oahu 15—*Cyanea grimesiana* ssp. *obatae*—d

This unit is critical habitat for *Cyanea grimesiana* ssp. *obatae* and is 83 ha (205 ac) on State and private land (Honouliuli Preserve), containing the Palikea Summit. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Cyanea grimesiana* ssp. *obatae* and is currently occupied by 5 plants. 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. The habitat features contained in this unit that are essential for this species include, but are not

limited to, steep, moist, shaded slopes in diverse mesic to wet lowland forests. 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 catastrophic event.

Oahu 20—*Cyanea humboltiana*—a

This unit is critical habitat for *Cyanea humboltiana* and is 503 ha (1,241 ac) on private and State land (Hauula Forest Reserve, Sacred Falls State Park, and Kaipapau Forest Reserve), containing a portion of the Koolau Summit Trail. This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Cyanea humboltiana* and is currently occupied by 9 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. The habitat features contained in this unit that are essential for this species include, but are not limited to, wet *Metrosideros polymorpha-Dicranopteris linearis* lowland shrubland. This unit is geographically separated from the other four units designated as critical habitat for this island-endemic species, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.

Oahu 20—*Cyanea humboltiana*—b

This unit is critical habitat for *Cyanea humboltiana* and is 127 ha (315 ac) on private and State land (Ewa Forest Reserve). This unit provides habitat for one population of 300 mature, reproducing individuals of the short-lived perennial *Cyanea humboltiana* 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. The habitat features contained in this unit that are essential for this species include, but are not limited to, wet *Metrosideros polymorpha-Dicranopteris linearis* lowland shrubland. This unit is geographically separated from the other four units designated as critical habitat for this island-endemic species, in order to avoid all recovery populations from being destroyed by one naturally occurring catastrophic event.