

longifolium, and *Plantago princeps* within the historical ranges for these multi-island species.

These modifications resulted in the reduction from 1,752 ha (4,330 ac) to 1,667 ha (4,119 ac). This unit was renamed Kauai 11—*Adenophorus periens*—c, Kauai 11—*Cyanea recta*—c, Kauai 11—*Cyanea remyi*—c, Kauai 11—*Cyrtandra cyaneoides*—b, Kauai 11—*Cyrtandra cyaneoides*—c, Kauai 11—*Cyrtandra limahuliensis*—d, Kauai 11—*Hesperomannia lydgatei*—b, Kauai 11—*Isodendron longifolium*—d, Kauai 11—*Labordia lydgatei*—c, Kauai 11—*Labordia lydgatei*—d, Kauai 11—*Myrsine linearifolia*—f, and Kauai 11—*Plantago princeps*—c.

Kauai L

This unit was proposed as critical habitat for 13 species: *Adenophorus periens*, *Bonamia menziesii*, *Cyanea recta*, *Cyanea remyi*, *Cyrtandra cyaneoides*, *Cyrtandra limahuliensis*, *Hesperomannia lydgatei*, *Isodendron longifolium*, *Labordia lydgatei*, *Lysimachia filifolia*, *Myrsine linearifolia*, *Plantago princeps* and *Platanthera holochila*.

We excluded the proposed critical habitat for the Kauai endemic species *Hesperomannia lydgatei* and for the multi-island species *Bonamia menziesii*, *Lysimachia filifolia*, and *Platanthera holochila*. These areas are not essential for the conservation of these four species because they are highly degraded and are unlikely to be restored by the State or private landowners (Buck 2002). There are other locations that have been identified to meet the recovery goals of 8 to 10 populations throughout their historical ranges on Kauai (*Hesperomannia lydgatei*) or on other islands (*Bonamia menziesii*, *Lysimachia filifolia*, and *Platanthera holochila*).

Modifications were made to this unit to exclude highly degraded areas not essential to the conservation of *Adenophorus periens*, *Cyanea recta*, *Cyanea remyi*, *Cyrtandra limahuliensis*, *Labordia lydgatei*, *Myrsine linearifolia*, or *Plantago princeps*. In addition, it is unlikely that the State or private landowners will restore these areas (Buck 2002). Other locations are being designated that will provide habitat for 8 to 10 populations of each species throughout their historical ranges on Kauai (*Cyanea recta*, *Cyanea remyi*, *Cyrtandra limahuliensis*, *Labordia lydgatei*, *Myrsine linearifolia*) and on other islands (*Adenophorus periens* and *Plantago princeps*).

The area designated as critical habitat provides habitat for three populations of *Cyanea recta*, one population of *Cyanea*

remyi, eight populations of *Cyrtandra cyaneoides*, six populations of *Cyrtandra limahuliensis*, one population of *Labordia lydgatei*, and one population each of *Myrsine linearifolia* and *Pteralyxia kauaiensis* within the historical ranges for these Kauai and Niihau endemic species.

The area designated as critical habitat provides habitat for one population each of *Adenophorus periens*, *Isodendron longifolium*, and *Plantago princeps* within the historical ranges for these multi-island species.

These modifications resulted in the reduction from 3,407 ha (8,418 ac) to 240 ha (592 ac). This unit was renamed Kauai 11—*Adenophorus periens*—c, Kauai 11—*Cyanea recta*—c, Kauai 11—*Cyanea remyi*—c, Kauai 11—*Cyrtandra cyaneoides*—b, Kauai 11—*Cyrtandra cyaneoides*—c, Kauai 10—*Cyrtandra limahuliensis*—c, Kauai 11—*Cyrtandra limahuliensis*—d, Kauai 11—*Isodendron longifolium*—d, Kauai 11—*Labordia lydgatei*—d, Kauai 11—*Myrsine linearifolia*—f, Kauai 10—*Plantago princeps*—a, Kauai 11—*Plantago princeps*—c, and Kauai 10—*Pteralyxia kauaiensis*—b.

Kauai M

This unit was proposed as critical habitat for nine species: *Adenophorus periens*, *Bonamia menziesii*, *Cyanea asarifolia*, *Cyanea recta*, *Cyanea remyi*, *Cyrtandra cyaneoides*, *Cyrtandra limahuliensis*, *Labordia lydgatei*, and *Phyllostegia wawrana*.

We excluded the proposed critical habitat for the multi-island species *Bonamia menziesii*. This area is not essential for the conservation of this species because it is highly degraded and is unlikely to be restored by the State or private landowners (Buck 2002). There are at least 10 other locations that have been designated or proposed for *Bonamia menziesii* throughout its historical range on Kauai and on other islands.

Modifications were made to this unit to exclude highly degraded areas not essential to the conservation of *Adenophorus periens*, *Cyanea asarifolia*, *Cyanea recta*, *Cyanea remyi*, *Cyrtandra limahuliensis*, *Labordia lydgatei*, and *Phyllostegia wawrana*. In addition, it is unlikely that the State or private landowners will restore these areas (Buck 2002). There are other locations that have been designated to meet the recovery goals of 8 to 10 populations of each species throughout their historical ranges on Kauai (*Cyanea asarifolia*, *Cyanea recta*, *Cyanea remyi*, *Cyrtandra limahuliensis*, *Labordia lydgatei*, and *Phyllostegia wawrana*) and

proposed on other islands (*Adenophorus periens*).

The area designated as critical habitat provides habitat for two populations of *Cyanea asarifolia*, four populations of *Cyanea recta*, two populations of *Cyanea remyi*, two populations each of *Cyrtandra cyaneoides* and *Cyrtandra limahuliensis*, five populations of *Hibiscus clayi*, and two populations each of *Labordia lydgatei* and *Phyllostegia wawrana* within the historical ranges for these Kauai endemic species.

The area designated as critical habitat for the multi-island species *Adenophorus periens* provides habitat within its historical range for one population.

These modifications resulted in the reduction from 3,302 ha (8,160 ac) to 1,040 ha (2,570 ac). This unit was renamed Kauai 4—*Adenophorus periens*—a, Kauai 4—*Cyanea asarifolia*—a, Kauai 4—*Cyanea recta*—a, Kauai 4—*Cyanea recta*—b, Kauai 4—*Cyanea remyi*—a, Kauai 4—*Cyrtandra cyaneoides*—a, Kauai 4—*Cyrtandra limahuliensis*—a, Kauai 4—*Cyrtandra limahuliensis*—b, Kauai 4—*Hibiscus clayi*—a, Kauai 4—*Hibiscus clayi*—b, Kauai 4—*Hibiscus clayi*—c, Kauai 4—*Hibiscus clayi*—d, Kauai 4—*Hibiscus clayi*—e, Kauai 4—*Labordia lydgatei*—a, and Kauai 4—*Phyllostegia wawrana*—a.

Kauai N

This unit was proposed as critical habitat for 23 species: *Adenophorus periens*, *Bonamia menziesii*, *Cyanea asarifolia*, *Cyanea recta*, *Cyanea remyi*, *Cyanea undulata*, *Cyrtandra cyaneoides*, *Cyrtandra limahuliensis*, *Delissea rivularis*, *Dubautia pauciflora*, *Exocarpos luteolus*, *Hesperomannia lydgatei*, *Isodendron longifolium*, *Labordia lydgatei*, *Labordia tinifolia* var. *wahiawaensis*, *Lysimachia filifolia*, *Myrsine linearifolia*, *Phlegmariurus nutans*, *Phyllostegia wawrana*, *Plantago princeps*, *Platanthera holochila*, *Viola helenae*, and *Viola kauaiensis* var. *wahiawaensis*.

We excluded the proposed critical habitat for the Kauai endemic species *Cyanea recta*, *Cyrtandra cyaneoides*, *Delissea rivularis*, and *Phyllostegia wawrana*, and for the multi-island species *Platanthera holochila*. These areas are not essential to the conservation of these five species because they are highly degraded and are unlikely to be restored by the State or private landowners (Buck 2002). There are other locations that have been designated to meet the recovery goals of 8 to 10 populations of each species throughout their historical ranges on Kauai (*Cyanea recta*, *Cyrtandra*