



United States Department of the Interior



NATIONAL PARK SERVICE
Hawai'i Volcanoes National Park
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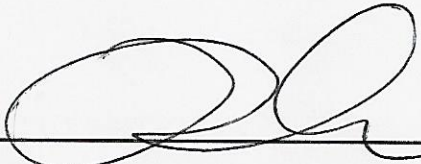
IN REPLY REFER TO:

April 15, 2019

To: Ryan Monello, PACN Program Manager
From: Rhonda Loh, Acting Superintendent
Subject: Handling of protected natural resource data

The Superintendent of Hawaii Volcanoes National Park has identified resources that are rare, threatened, endangered, or commercially valuable. Information about these resources (the specific location, abundance, presence, or absence), if released to the public or other unapproved audiences, has been determined to potentially result in harm, theft, or destruction. To ensure data are appropriately protected in accordance with park management priorities, the following rules must be followed when disseminating natural resource information collected through inventory, monitoring, or other related scientific activities.

Type of Data	Level of Protection	Rules for Dissemination
Resource Data and Information		
Specific T&E Species locations	Legally Protected	Specific locations of these species will not be released to the general public. Any such data collected will be redacted from publicly released datasets. This will be done indefinitely.
Location Data and Information		
Anchialine Pools	Operationally Protected	Anchialine pools are a protected resource in Hawaii. Specific locations of anchialine pools will not be released to the public. Any such data collected will be redacted from the publicly released datasets. This will be done indefinitely.
Cave entrances	Legally protected	Specific locations of cave entrances will not be released to the general public. Any such data collected will be redacted from publicly released datasets. This will be done indefinitely.


RHONDA LOH
Acting Superintendent, Hawaii Volcanoes National Park

4/16/19
Date

Table 1. T&E Species (General Rule).

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
Asio flammeus sandwichensis	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Branta sandvicensis	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Buteo solitarius	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Corvus hawaiiensis	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Drepanis coccinea	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	T
Hemignathus wilsoni	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Loxops coccineus	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Numenius tahitiensis	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Oceanodroma castro	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
<i>Psittirostra psittacea</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Pterodroma sandwichensis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Puffinus auricularis newelli</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	T
<i>Metabetaeus lohena</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Agrotis crinigera</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Agrotis microreas</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Caconemobius varius</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Cavaticovelina aaa</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Coleotichus blackburniae</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
<i>Deinocossonus nesiotes</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Deinomimesa hawaiiensis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Drosophila digressa</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Drosophila heteroneura</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Drosophila muli</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	T
<i>Ectemnius curtipes</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Ectemnius fulvicrus</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Ectemnius rubrocaudatus</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Eopenthes cognatus</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
Hylaeus coniceps	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Hylaeus connectens	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
Hylaeus crabronoides	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Hylaeus difficilis	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Hylaeus filicum	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Hylaeus flavipes	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Hylaeus hula	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Hylaeus laetus	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Hylaeus pubescens	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
<i>Hylaeus simplex</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Hylaeus specularis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Hylaeus sphecodoides</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Ithamar hawaiiensis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Megalagrion nesiotes</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Metrarga obscura</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Nesidiolestes ana</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Nesosydne cyrtandricola</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Nesotocus munroi</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
Omiodes anastrepta	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Omiodes anastreptoides	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Omiodes asaphombra	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Omiodes fullawayi	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Omiodes giffardi	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Omiodes iridias	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Omiodes pritchardii	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Plagithmysus claviger	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Plagithmysus decorus	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
Plagithmysus platydesmae	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Plagithmysus sulphureus	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Proterhinus affinis	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Proterhinus deceptor major	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Proterhinus desquamatus	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Proterhinus eurhynchus	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Proterhinus ferrugineus	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Proterhinus peles	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Proterhinus rufescens	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
<i>Proterhinus similis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Proterhinus tarsalis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Proterhinus vulcanus</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Scotorythra megalophylla</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Thaumtogryllus cavicola</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Lasiurus cinereus semotus</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Monachus schauinslandi</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Chelonia mydas</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	T
<i>Eretmochelys imbricata</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
Adenophorus periens	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Alphitonia ponderosa	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
Argyroxiphium kauense	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Argyroxiphium sandwicense ssp. macrocephalum	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	T
Argyroxiphium sandwicense ssp. sandwicense	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Asplenium peruvianum var. insulare	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Bidens hawaiiensis	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
Bobea timonioides	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Canavalia hawaiiensis	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
Capparis sandwichiana	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Chenopodium oahuense	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
Chrysodracon hawaiiensis	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Clermontia lindseyana	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Clermontia peleana ssp. peleana	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Cocculus orbiculatus	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
Cyanea platyphylla	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Cyanea shipmanii	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Cyanea stictophylla	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
Cyanea tritomantha	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Cyrtandra giffardii	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Cyrtandra menziesii	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
Cyrtandra tintinnabula	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Dubautia linearis ssp. hillebrandii	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
Embelia pacifica	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
Eurya sandwicensis	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Exocarpos gaudichaudii	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Exocarpos menziesii	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
<i>Fimbristylis hawaiiensis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
<i>Haplostachys haplostachya</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Hesperocnide sandwicensis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Hibiscadelphus giffardianus</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Hibiscadelphus hualalaiensis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Hibiscus brackenridgei</i> ssp. <i>brackenridgei</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Ischaemum byrone</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Joinvillea ascendens</i> ssp. <i>ascendens</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Kokia drynarioides</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
<i>Labordia hedyosmifolia</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Labordia hirtella</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Melanthera subcordata</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Melicope hawaiiensis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Melicope pseudoanisata</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Melicope radiata</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Melicope volcanica</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Melicope zahlbruckneri</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Mezoneuron kavaense</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
<i>Myrsine lanaiensis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Neraudia ovata</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Nothoctrum breviflorum</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Nothoctrum longifolium</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Ochrosia haleakalae</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Ochrosia kilaueaensis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Ophioglossum nudicaule</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Peperomia macraeana</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Peperomia membranacea</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
Peperomia remyi	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
Phyllostegia ambigua	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
Phyllostegia brevidens	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Phyllostegia floribunda	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Phyllostegia stachyoides	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Phyllostegia velutina	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
Phytolacca sandwicensis	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC
Pittosporum confertiflorum	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
Pittosporum glabrum	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
<i>Pittosporum hawaiiense</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Pittosporum hosmeri</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Plantago hawaiiensis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Portulaca sclerocarpa</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Portulaca villosa</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Pritchardia lanigera</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Pritchardia maideniana</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Ranunculus hawaiiensis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Rubus macraei</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	SC

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
<i>Sanicula sandwicensis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Scaevola gaudichaudii</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Scaevola kilaueae</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Schiedea diffusa</i> ssp. <i>macraei</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Sesbania tomentosa</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Sicyos albus</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Sicyos macrophyllus</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Sicyos pachycarpus</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Silene hawaiiensis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	T

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
<i>Solanum incompletum</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Spermolepis hawaiiensis</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Stenogyne angustifolia</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E
<i>Stenogyne macrantha</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Stenogyne scrophularioides</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Urera glabra</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Zanthoxylum dipetalum</i> var. <i>dipetalum</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	RT
<i>Zanthoxylum hawaiiense</i>	Specific Location	Legally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	E

Table 2. Other resources or locations.

Resource	Type of Information to be Protected	Level of Protection	Protected From Release To	Method of Protection	Protected for How Long?	Notes	Justification
Anchialiane Pools	Specific Location	Operationally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	Anchialine pools are a protected resource in Hawaii. Specific locations of anchialine pools will not be released to the public. Any such data collected will be redacted from the publicly released datasets. This will be done indefinitely.
Cave Entrances	Specific Location	Operationally Protected	Release to public	Redacted	Indefinitely / Forever	Redact location information	Caves are a protected resource in Hawaii. Specific locations of caves will not be released to the public. Any such data collected will be redacted from the publicly released datasets. This will be done indefinitely.