

DEPARTMENT OF LAND AND NATURAL RESOURCES

Adoption of Chapter 13-107
Hawaii Administrative Rules

December 19, 1997

1. Chapter 107 of Title 13, Hawaii Administrative Rules, entitled "Threatened and Endangered Plants", is adopted.


DEPARTMENT OF LAND AND NATURAL RESOURCES

Chapter 13-107, Hawaii Administrative Rules, on the Summary Page dated December 19, 1997 was adopted on _____, 1998, following public hearings held on August 4, 6, 11, 12, 13, 20, and 21, 1997, after public notice was given in the "Honolulu Advertiser" on July 5, 1997, "Hawaii Herald Tribune" on July 6, 1997, "Maui News" on July 6, 1997, and the "Garden Island" on July 6, 1997.

The adoption of chapter 13-107 shall take effect ten days after filing with the Office of the Lieutenant Governor.


LIEUTENANT GOVERNOR'S
OFFICE

'98 MAR 12 P 2:40



Michael D. Wilson
Chairperson, Department of
Land and Natural Resources

APPROVED:



Benjamin J. Cayetano
Governor
State of Hawaii

Dated: 3-12-98

APPROVED AS TO FORM:



Deputy Attorney General

MAR 12 1998

Filed

MEMORANDUM FOR THE RECORD

The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, on the subject of the land in question. The land in question is located in the State of California, and is owned by the State of California. The land is situated in the County of Los Angeles, and is bounded by the following: to the north by the State of California, to the south by the State of California, to the east by the State of California, and to the west by the State of California.

The above information was obtained from the records of the Department of the Interior, Bureau of Land Management, on the subject of the land in question. The land in question is located in the State of California, and is owned by the State of California. The land is situated in the County of Los Angeles, and is bounded by the following: to the north by the State of California, to the south by the State of California, to the east by the State of California, and to the west by the State of California.

[Faint signature]
Special Agent in Charge
Bureau of Land Management
Department of the Interior

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Special Agent in Charge
Bureau of Land Management
Department of the Interior

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Special Agent in Charge
Bureau of Land Management
Department of the Interior

MAR 12 1968

Hawaii Administrative Rules

Title 13

Department of Land and Natural Resources

Subtitle 5

Forestry and Wildlife

Part 1

FORESTRY

CHAPTER 107

THREATENED AND ENDANGERED PLANTS

§13-107-1	Purpose
§13-107-2	Definitions
§13-107-3	Prohibited activities
§13-107-4	Licenses
§13-107-5	Transfer of plants by licensees
§13-107-6	Commercial-use plant species
§13-107-7	Compliance with laws
§13-107-8	Penalty
§13-107-9	Exemption

Historical Note: Chapter 13-107, Hawaii Administrative Rules, is based substantially upon Chapter 13-124, Hawaii Administrative Rules of the Division of Forestry and Wildlife, Department of Land and Natural Resources. [Eff 8/10/53; am 10/10/55; am 3/28/58 and ren Regulation 6; am 9/8/73; am 3/22/82 R]

§13-107-1

§13-107-1 Purpose. The purpose of this chapter is to conserve, manage, protect, and enhance native endangered and threatened plants. [Eff MAR 23 1998] (Auth: HRS §§195D-3, 195D-4, 195D-6) (Imp: §§195D-3, 195D-4, 195D-6, 50 CFR §§17.12)

§13-107-2 Definitions. As used in this chapter unless the context requires otherwise:

"Accidental or non-negligent death" means death of plants which occurs despite the reasonable care of the plant possessor;

"Authorized representative" means the administrator, foresters, botanists, conservation enforcement officers, or other persons within the department authorized by the board to act for the board;

"Board" means the board of land and natural resources;

"Commercial use" means the transfer of a plant by a party or their agent for any fee, charge, or other compensation.

"Commercial-use plants" means garden-grown stocks (not wild-collected), belonging to a threatened or endangered species which have been approved by the department for commercial use.

"Controlled environment" means a habitat, excluding the endangered and threatened species wild population habitat, which is horticulturally manipulated for the purpose of growing and producing offspring of select species;

"Cultivated plants" means propagules or plants germinated from garden-grown stock as well as from wild populations and grown or cared for in a controlled environment;

"Cultural use" means use of plants for traditional native Hawaiian practices;

"Department" means the department of land and natural resources;

"Educational use" means use of plants or plant parts for display purposes to aid in education about that plant;

"Endangered plants" means all species, subspecies, or sub-populations of plants that have been officially listed as endangered by the State of Hawaii, including those taxa listed in the exhibit entitled "Exhibit 1, Chapter 13-107, Endangered Plants of Hawaii"

dated 5/15/97, which is located at the end of this chapter and incorporated by reference;

"Experimental populations" means any populations (including offspring arising solely therefrom), resulting from outplanting outside a controlled environment;

"Garden-grown stock" means plants and propagules from cultivated plants;

"License" means written permission by the department to do a particular act or series of acts which without such permission would be unauthorized or prohibited;

"Native" means endemic and indigenous species which arrived and occur naturally in Hawaii without the aid of humans;

"Outplanting" means planting and growing threatened and endangered plants in the wild through human intervention;

"Plant" means any member of the plant kingdom, including seeds, roots, and other parts thereof;

"Propagule" means a living plant part such as a cutting or a seed that can reproduce a plant;

"Species" means and shall include any subspecies or lower taxa of plant(s);

"State" means the State of Hawaii;

"State land" means lands under the direct control of the state;

"Take" means to cut, collect, uproot, destroy, injure, possess native endangered or threatened species of plants, or to attempt to engage in any such conduct;

"Threatened species" means all species, subspecies, or sub-populations of plants that have been officially listed as threatened by the state, including those taxa listed in the exhibit entitled "Exhibit 2, Chapter 13-107, Threatened Plants of Hawaii", dated 5/15/97, which is located at the end of this chapter and incorporated by reference;

"Wild populations" means naturally occurring populations that do not occur as a result of outplanting. [Eff **MAR 23 1998**] (Auth: HRS §§195D-3, 195D-4, 195D-6) (Imp: HRS §§195D-3, 195D-4, 195D-6, 50 CFR §§17.12)

§13-107-3 Prohibited activities. (a) No person shall or attempt to take, sell, or offer for sale,

§13-107-3

deliver, carry, ship, transport, or export, any native threatened or endangered plant or parts thereof from any lands within the State of Hawaii, except as an authorized representative of the department and as provided for in this chapter.

(b) No person shall outplant any threatened or endangered species on another landowner's property without the permission of the landowner and obtaining the appropriate license from the department, except as provided for in this chapter.

(c) Horticultural activities within a controlled environment cannot be used to either justify or mitigate transplantation, removal, or destruction of wild plants or populations of both threatened and endangered plants.

(d) No person shall sell threatened and endangered plants unless that plant species has been approved by the department for commercial use. [Eff

MAR 23 1998 (Auth: HRS §§195D-3, 195D-4, 195D-6)
(Imp: HRS §§195D-3, 195D-4, 195D-6, 50 CFR §§17.12)

§13-107-4 Licenses. (a) Licenses for collecting, possessing, transporting, propagating, and outplanting threatened or endangered species of plants from wild populations may be issued by the board or its authorized representative for propagation, education, cultural, or scientific purposes or to enhance the survival of the species.

(b) Applications for licenses shall be in writing and contain:

- (1) A description of the project, including its purpose, location, methods, and study plan, and length of duration;
- (2) Information as to species, location (if known), and both number of plants and plant parts to be collected;
- (3) The name, address, and affiliation of the collector(s) or organization sponsoring the project.

(c) No license may be amended or otherwise altered without the written approval of the board or its authorized representative.

(d) An annual summary of project activities shall be submitted to the department by the license holder by July 1 of each year for the duration of the license period and shall include:

- (1) The name and address of the licensee(s);
- (2) The scientific and common names of the plants involved;
- (3) The dates collection occurred;
- (4) The number of plants or plant parts collected;
- (5) The location(s) of the collection(s);
- (6) The status and results of both research conducted and propagation of collected plants; and
- (7) Any other information required on the license.

(e) Licenses shall be revocable for due cause and shall not be assignable unless otherwise provided by law. Any person whose license has been revoked shall not be eligible for another license until the expiration of two years from the date of revocation.

(f) In addition to a license, a Hawaii department of agriculture inspection is required to transport plants between the islands.

(g) Accidental death of plants grown from cultivated and garden-grown stock under licenses will not be subject to penalty under this chapter, provided the holder of the license has exercised due care in the performance of actions authorized by the license.

[Eff **MAR 23 1998**] (Auth: HRS §§195D-3, 195D-4, 195D-6) (Imp: HRS §§195D-3, 195D-4, 195D-6, 50 CFR §§17.12)

§13-107-5 Transfer of plants by licensees. (a) License holders may give away, donate, or sell threatened and endangered plants derived from garden-grown stocks only if they comply with all requirements under this chapter.

(b) Licensee(s) are responsible for providing written information concerning restrictions established by the department and the island of origin with all plants that are given away, donated, or sold. Licensee(s) are encouraged to provide educational materials that emphasize the need to protect wild populations.

(c) An annual summary shall be submitted to the department by the license holder by July 1 of each year for the duration of the license period and shall include:

- (1) The name and address of the licensee;
- (2) The scientific, common name, and numbers of

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the plants given away, donated, or sold during the past fiscal year. [Eff
MAR 23 1998] (Auth: HRS §§195D-3, 195D-4, 195D-6) (Imp: HRS §§195D-3, 195D-4, 195D-6, 50 CFR §§17.12)

§13-107-6 Commercial-use plant species. (a)

All threatened and endangered plant species from garden-grown stock can be used commercially. Petitions to exclude certain threatened and endangered plant species from being used commercially must be submitted in writing to the department.

(b) The petition will be referred to a committee composed of a minimum of five members who are knowledgeable of the biological conditions required to grow threatened and endangered plants, which shall include at least one nursery association representative, one from the native Hawaiian community knowledgeable in traditional arts and religious practices, and one citizen at large knowledgeable in the cultivation and use of native plants. The committee shall evaluate, based upon the best knowledge available, whether commercial use of a plant species will endanger wild populations of that or any other native plant species, and will make recommendations to the department, which will approve or deny these petitions.

(c) The petitioner will be responsible for obtaining the information needed by the committee to make a recommendation as to the status of a plant species.

(d) The committee will review commercial-use plant species two years after the initial recommendation, make a second recommendation five years after the initial recommendation and every two years thereafter to recommend continuing, denying, or excluding plant species from commercial use based upon chapter 195D, HRS, protection of the wild populations, enforcement issues, and enhancement of the plant species. The committee may, however, review any plant species at anytime.

(e) Commercial-use plants may only be sold if accompanied by a tag provided by the department. Each plant must have a tag which will be sold to licensees at cost and to commercial vendors with a

surcharge to cover administrative expenses. The tag will indicate to the department, the vendor, and the buyer that the plant is from garden-grown stock and not from a wild population.

(f) Accidental death of plants sold with a tag will not be subject to penalty under this chapter. [Eff **MAR 23 1998**] (Auth: HRS §§195D-3, 195D-4, 195D-6) (Imp: HRS §§195D-3, 195D-4, 195D-6, 50 CFR §§17.12)

§13-107-7 Compliance with laws. All persons applying for licenses under this chapter shall comply with all federal, state, and county laws, rules, and required permits or licenses. [Eff **MAR 23 1998**] (Auth: HRS §§195D-3, 195D-4, 195D-6) (Imp: HRS §§195D-8, 195D-9)

§13-107-8 Penalty. Any person violating any part of this chapter shall be penalized as provided by law. [Eff **MAR 23 1998**] (Auth: HRS §§195D-3, 195D-4, 195D-6) (Imp: HRS §§195D-8, 195D-9)

§13-107-9 Exemption. (a) Person(s) who possessed plants or plant parts prior to their listing as threatened or endangered may voluntarily submit the following documentation to the division of forestry and wildlife:

- (1) The species' scientific and common name;
- (2) The location and number of plants; and
- (3) Where the plants were obtained, if known.

(b) Upon receiving this documentation, the department will send the possessor appropriate notification of exemption.

(c) Plants or their offspring from experimental populations established after their listing as threatened and/or endangered are exempt from the requirements of this chapter.

(d) Accidental death of exempted plants will not be subject to penalty under this chapter. [Eff **MAR 23 1998**] (Auth: HRS §§195D-3, 195D-4, 195D-6) (Imp: HRS §§195D-3, 195D-4, 195D-6)

§13-107-10 Severability. These rules are declared to be severable and if any portion or the application thereof to any person or property is held invalid for any reason, the validity of the remainder of these rules or the application of the remainder to other persons or property shall not be affected." [Eff **MAR 23 1998**] (Auth: HRS §§183D-2, 183D-3) (Imp: HRS §§183D-2, 183D-3)

Exhibit 1 - Chapter 13-107
5/15/97

Endangered Plants of Hawaii

<u>Scientific Name</u>	<u>Hawaiian/Common Name(s)</u>
<i>Abutilon eremitopetalum</i>	--
<i>Abutilon menziesii</i>	Ko'oloa 'ula
<i>Abutilon sandwicense</i>	--
<i>Acaena exigua</i>	Liliwai
<i>Achyranthes mutica</i>	--
<i>Achyranthes rotundata</i>	--
<i>Adenophorus periens</i>	--
<i>Alectryon macrococcus</i>	Māhoe
<i>Alsinidendron lychnoides</i>	Kuawāwae-nohu
<i>Alsinidendron obovatum</i>	--
<i>Alsinidendron trinerve</i>	--
<i>Alsinidendron viscosum</i>	--
<i>Amaranthus brownii</i>	--
<i>Argyroxiphium kauense</i>	Ka'ū silversword
<i>Argyroxiphium sandwicense</i> ssp. <i>sandwicense</i>	'Āhinahina, Mauna Kea silversword
<i>Asplenium fragile</i> var. <i>insulare</i>	--
<i>Bidens micrantha</i> ssp. <i>kalealaha</i>	Ko'oko'olau
<i>Bidens wiebkei</i>	Ko'oko'olau
<i>Bonamia menziesii</i>	--
<i>Brighamia insignis</i>	'Ōlulu
<i>Brighamia rockii</i>	Pua 'ala
<i>Caesalpinia kavaiensis</i>	Uhiuhi
<i>Canavalia molokaiensis</i>	'Āwikiwiki
<i>Cenchrus agrimonioides</i>	Kāmanomano
<i>Centaurium sebaeoides</i>	'Āwiwi
<i>Chamaesyce celastroides</i> var. <i>kaenana</i>	'Akoko
<i>Chamaesyce deppeana</i>	'Akoko
<i>Chamaesyce halemanui</i>	'Akoko
<i>Chamaesyce herbstii</i>	'Akoko
<i>Chamaesyce kuwaleana</i>	'Akoko
<i>Chamaesyce rockii</i>	'Akoko
<i>Clermontia drepanomorpha</i>	'Ōhā wai
<i>Clermontia lindseyana</i>	'Ōhā wai
<i>Clermontia oblongifolia</i> ssp. <i>brevipes</i>	'Ōhā wai
<i>Clermontia oblongifolia</i> ssp. <i>mauiensis</i>	'Ōhā wai

EXHIBIT 1 - Chapter 13-107 - Page 2

<u>Scientific Name</u>	<u>Hawaiian/Common Name(s)</u>
Clermontia peleana	'Ōhā wai
Clermontia pyrularia	'Ōhā wai
Colubrina oppositifolia	Kauila
Ctenitis squamigera	Pauoa
Cyanea acuminata	Hāhā
Cyanea asarifolia	Hāhā
Cyanea copelandii	Hāhā
ssp. copelandii	
Cyanea dunbarii	Hāhā
Cyanea grimesiana	Hāhā
ssp. grimesiana	
Cyanea grimesiana	Hāhā
ssp. obatae	
Cyanea hamatiflora	Hāhā
ssp. carlsonii	
Cyanea humboldtiana	Hāhā
Cyanea koolauensis	Hāhā
Cyanea lobata	Hāhā
Cyanea longiflora	Hāhā
Cyanea macrostegia	Hāhā
ssp. gibsonii	
Cyanea manni	Hāhā
Cyanea mceldowneyi	Hāhā
Cyanea pinnatifida	Hāhā
Cyanea platyphylla	Hāhā
Cyanea procera	Hāhā
Cyanea remyi	Hāhā
Cyanea shipmanii	Hāhā
Cyanea st.-johnii	Hāhā
Cyanea stictophylla	Hāhā
Cyanea superba	Hāhā
Cyanea truncata	Hāhā
Cyanea undulata	Hāhā
Cyperus trachysanthos	Pu'uka'a
Cyrtandra crenata	Ha'iwale
Cyrtandra cyaneoides	Māpele
Cyrtandra dentata	Ha'iwale
Cyrtandra giffardii	Ha'iwale
Cyrtandra munroi	Ha'iwale
Cyrtandra polyantha	Ha'iwale
Cyrtandra subumbellata	Ha'iwale
Cyrtandra tintinnabula	Ha'iwale
Cyrtandra viridiflora	Ha'iwale
Delissea rhytidosperma	--

EXHIBIT 1 - Chapter 13-107 - Page 3

<u>Scientific Name</u>	<u>Hawaiian/Common Name(s)</u>
<i>Delissea rivularis</i>	'Ōhā
<i>Delissea subcordata</i>	'Ōhā
<i>Delissea undulata</i>	--
<i>Diellia erecta</i>	--
<i>Diellia falcata</i>	--
<i>Diellia pallida</i>	--
<i>Diellia unisora</i>	--
<i>Diplazium molokaiense</i>	--
<i>Dubautia herbstobatae</i>	Na'ena'e
<i>Dubautia latifolia</i>	Koholāpehu
<i>Dubautia pauciflorula</i>	Na'ena'e
<i>Eragrostis fosbergii</i>	--
<i>Eugenia koolauensis</i>	Nīoi
<i>Euphorbia haeleeleana</i>	--
<i>Euphorbia skottsbergii</i> var. <i>kalaeloana</i>	'Akoko
<i>Exocarpos luteolus</i>	Heau
<i>Flueggea neowawraea</i>	Mēhamehame
<i>Gahnia lanaiensis</i>	--
<i>Gardenia brighamii</i>	Nānū, nā'ū
<i>Gardenia mannii</i>	Nānū
<i>Geranium arboreum</i>	Nohoanu
<i>Geranium multiflorum</i>	Nohoanu
<i>Gouania hillebrandii</i>	--
<i>Gouania meyenii</i>	--
<i>Gouania vitifolia</i>	--
<i>Haplostachys haplostachya</i> var. <i>angustifolia</i>	--
<i>Hedyotis cookiana</i>	'Āwiwi
<i>Hedyotis coriacea</i>	Kio'ele
<i>Hedyotis degeneri</i>	--
<i>Hedyotis mannii</i>	--
<i>Hedyotis parvula</i>	--
<i>Hedyotis st.-johnii</i>	--
<i>Hesperomannia arborescens</i>	--
<i>Hesperomannia arbuscula</i>	--
<i>Hesperomannia lydgatei</i>	--
<i>Hibiscadelphus distans</i>	Hau kuahiwi
<i>Hibiscadelphus giffardianus</i>	Hau kuahiwi
<i>Hibiscadelphus hualalaiensis</i>	Hau kuahiwi
<i>Hibiscadelphus woodii</i>	Hau kuahiwi
<i>Hibiscus arnottianus</i> ssp. <i>immaculatus</i>	Koki'o ke'oke'o
<i>Hibiscus brackenridgei</i>	Ma'o hau hele

EXHIBIT 1 - Chapter 13-107 - Page 4

<u>Scientific Name</u>	<u>Hawaiian/Common Name(s)</u>
Hibiscus clayi	Aloalo
Hibiscus waimeae	Koki'o ke'oke'o
ssp. hannerae	
Huperzia mannii	Wāwae'iole
Ischaemum byrone	Hilo ischaemum
Isodendrion hosakae	Aupaka
Isodendrion laurifolium	Aupaka
Isodendrion pyrifolium	Wahine noho kula, aupaka
Kokia cookei	Cooke's koki'o
Kokia drynarioides	Hau hele 'ula, koki'o
Kokia kauaiensis	Koki'o
Labordia cyrtandrae	Kāmakahala
Labordia lydgatei	Kāmakahala
Labordia tinifolia	Kāmakahala
var. wahiawaensis	
Lepidium arbuscula	'Ānaunau
Lipochaeta fauriei	Nehe
Lipochaeta kamolensis	Nehe
Lipochaeta lobata	Nehe
var. leptophylla	
Lipochaeta micrantha	Nehe
Lipochaeta tenuifolia	Nehe
Lipochaeta venosa	Nehe
Lipochaeta waimeaensis	Nehe
Lobelia gaudichaudii	--
ssp. koolauensis	
Lobelia monostachya	--
Lobelia niihauensis	--
Lobelia oahuensis	--
Lycopodium nutans	Wāwae'iole
Lysimachia filifolia	--
Lysimachia lydgatei	--
Lysimachia maxima	--
Mariscus fauriei	--
Mariscus pennatiformis	--
Marsilea villosa	'Ihi'ihī
Melicope adscendens	Alani
Melicope balloui	Alani
Melicope haupuensis	Alani
Melicope knudsenii	Alani
Melicope lydgatei	Alani
Melicope mucronulata	Alani
Melicope ovalis	Alani
Melicope pallida	Alani

EXHIBIT 1 - Chapter 13-107 - Page 5

<u>Scientific Name</u>	<u>Hawaiian/Common Name(s)</u>
Melicope quadrangularis	Alani
Melicope reflexa	Alani
Melicope saint-johnii	Alani
Melicope zahlbruckneri	Alani
Munroidendron racemosum	--
Myrsine juddii	Kōlea
Neraudia angulata	--
Neraudia ovata	--
Neraudia sericea	--
Nothoestrum breviflorum	'Aiea
Nothoestrum peltatum	'Aiea
Nototrichium humile	Kulu'i
Ochrosia kilaueaensis	Hōlei
Panicum carteri	Carter's panic grass
Panicum niihauense	Lau 'ehu
Phyllostegia glabra	Ulihi
var. lanaiensis	
Phyllostegia hirsuta	--
Phyllostegia kaalaensis	--
Phyllostegia knudsenii	--
Phyllostegia mannii	--
Phyllostegia mollis	--
Phyllostegia parviflora	--
Phyllostegia racemosa	Kīponapona
Phyllostegia velutina	--
Phyllostegia waimeae	--
Phyllostegia warshaueri	--
Phyllostegia wawrana	--
Plantago hawaiiensis	Laukahi kuahiwi
Plantago princeps	Ale
Platanthera holochila	--
Pleomele hawaiiensis	Hala pepe
Poa mannii	Mann's bluegrass
Poa sandvicensis	--
Poa siphonoglossa	--
Portulaca sclerocarpa	Po'e
Pritchardia affinis	Loulu
Pritchardia alymer- robinsonii	Wāhane
Pritchardia kaalae	Loulu
Pritchardia munroi	Loulu
Pritchardia napaliensis	Loulu
Pritchardia remota	Loulu
Pritchardia schattaueri	Loulu

EXHIBIT 1 - Chapter 13-107 - Page 6

<u>Scientific Name</u>	<u>Hawaiian/Common Name(s)</u>
<i>Pritchardia viscosa</i>	Loulu
<i>Pteralyxia kauaiensis</i>	Kaulu
<i>Pteris lidgatei</i>	--
<i>Remya kauaiensis</i>	--
<i>Remya mauiensis</i>	--
<i>Remya montgomeryi</i>	--
<i>Rollandia crispa</i>	--
<i>Sanicula mariversa</i>	--
<i>Sanicula purpurea</i>	--
<i>Santalum freycinetianum</i> var. <i>lanaiense</i>	'Iliahi, sandalwood
<i>Scaevola coriacea</i>	Dwarf naupaka
<i>Schiedea adamantis</i>	--
<i>Schiedea apokremnos</i>	--
<i>Schiedea haleakalensis</i>	--
<i>Schiedea helleri</i>	--
<i>Schiedea hookeri</i>	--
<i>Schiedea kaalae</i>	--
<i>Schiedea kauaiensis</i>	--
<i>Schiedea kealiae</i>	--
<i>Schiedea lydgatei</i>	--
<i>Schiedea membranacea</i>	--
<i>Schiedea nuttallii</i>	--
<i>Schiedea sarmentosa</i>	--
<i>Schiedea spergulina</i> var. <i>leiopoda</i>	--
<i>Schiedea stellarioides</i>	Laulihilihi
<i>Schiedea verticillata</i>	--
<i>Sesbania tomentosa</i>	'Ohai
<i>Sicyos alba</i>	'Ānunu
<i>Silene alexandri</i>	--
<i>Silene lanceolata</i>	--
<i>Silene perlmanii</i>	--
<i>Solanum incompletum</i>	Pōpolo kū mai
<i>Solanum sandwicense</i>	Pōpolo'aiakeakua
<i>Spermolepis hawaiiensis</i>	--
<i>Stenogyne angustifolia</i> var. <i>angustifolia</i>	--
<i>Stenogyne bifida</i>	--
<i>Stenogyne campanulata</i>	--
<i>Stenogyne kanehoana</i>	--
<i>Tetramolopium arenarium</i>	--
<i>Tetramolopium capillare</i>	--
<i>Tetramolopium filiforme</i>	--

EXHIBIT 1 - Chapter 107 - Page 7

<u>Scientific Name</u>	<u>Hawaiian/Common Name(s)</u>
Tetramolopium lepidotum	--
ssp. lepidotum	
Tetramolopium remyi	--
Tetraplasandra gymnocarpa	'Ohe'ohe
Trematolobelia singularis	--
Urera kaalae	Ōpuhe
Vicia menziesii	Hawaiian vetch
Vigna o-wahuensis	--
Viola chamissoniana	'Olopū, pāmakani
ssp. chamissoniana	
Viola helenae	--
Viola kauaensis	Nani wai-ale'ale
var. wahiawaensis	
Viola lanaiensis	--
Viola oahuensis	--
Wilkesia hobdyi	Iliau
Xylosma crenatum	--
Zanthoxylum dipetalum	A'e
var. tomentosum	
Zanthoxylum hawaiiense	A'e

EXHIBIT 2 - Chapter 13-107
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Threatened Plants of Hawaii

<u>Scientific Name</u>	<u>Hawaiian/Common Name(s)</u>
Argyroxiphium sandwicense ssp. macrocephalum	'Āhinahina, Haleakala silversword
Cyanea recta	Hāhā
Cyrtandra limahuliensis	Ha'iwale
Isodendrion longifolium	Aupaka
Myrsine linearifolia	Kōlea
Peucedanum sandwicense	Makou
Schiedea spergulina var. spergulina	--
Silene hawaiiensis	--
Tetramolopium rockii	--

