

DEPARTMENT OF THE INTERIOR

Fish and Wildlife Service

[50 CFR Part 17]

ENDANGERED AND THREATENED
WILDLIFE AND PLANTSProposed Endangered Status for Some
1700 U.S. Vascular Plant Taxa

The Director, U.S. Fish and Wildlife Service (hereinafter, the Director and the Service, respectively), hereby issues a proposed rulemaking which would determine approximately 1700 native, U.S., vascular plant taxa to be Endangered Species, pursuant to section 4 of the Endangered Species Act of 1973 (16 U.S.C. 1531-1543, 87 Stat. 884; hereinafter, the Act). He also requests comments regarding the determination of "Critical Habitat" of any of these taxa.

BACKGROUND

On December 28, 1973, the Act became effective and, thereby, provided a means whereby plants in danger of extinction and their dependent ecosystems may be conserved. Recognizing that prior to this Act, members of only the animal kingdom had been considered and that adequate concern for plants was urgent, section 12 of the Act states:

ENDANGERED PLANTS

SEC. 12. The Secretary of the Smithsonian Institution, in conjunction with other affected agencies, is authorized and directed to review (1) species of plants which are now or may become endangered or threatened and (2) methods of adequately conserving such species, and to report to Congress, within one year after the date of the enactment of this Act, the results of such review including recommendations for new legislation or the amendment of existing legislation.

The Secretary of the Smithsonian Institution presented his report to Congress on January 9, 1975, by transmittal to the Speaker of the U.S. House of Representatives. Designated as House Document No. 94-51 of the 94th Congress, 1st Session, it was subsequently published by the Government Printing Office, Washington, D.C., for use of the House Committee on Merchant Marine and Fisheries, which oversees the Act through its Subcommittee on Fisheries and Wildlife Conservation and the Environment. That report contains lists of over 3,100 U.S. vascular plant taxa which the scientists who compiled the report consider to be endangered, threatened, or perhaps extinct; the criteria used in the selection of such plants; and recommendations for adequate plant conservation. Recommendations 1 and 3 read as follows:

1. Preservation of endangered and threatened species of plants in their native habitat should be adopted as the best method of ensuring their survival. Cultivation or artificial propagation of these species is an unsatisfactory alternative to *in situ* perpetuation and should be used only as a last resort, when extinction appears certain, with the purpose of re-establishing the species in its natural habitat.

3. In accordance with section 4 of the Endangered Species Act of 1973, the Secretary of the Interior should review the lists in this report and publish proposed lists of endan-

gered and threatened plants in the FEDERAL REGISTER.

On April 22, 1975, the Director published a notice in the FEDERAL REGISTER (40 FR 17764-17765), describing the process of determination of "Critical Habitat" for Endangered and Threatened species, as encouraged by section 2(b) and provided for by section 7 of the Act.

On July 1, 1975, the Director published a notice in the FEDERAL REGISTER (40 FR 27823-27924), of his acceptance of the report of the Smithsonian Institution as a petition within the context of section 4(c)(2) of the Act, and of his initiation thereby of a review of the status of the plant taxa named therein as well as any habitat of these taxa which might be determined to be critical, pursuant to section 7 of the Act. On April 21, 1975, the Director had published (40 FR 17612), a similar notice of the review of four plant species of the eastern United States; one of which, *Aconitum noveboracense*, is included in the present proposal.

These publications have received wide distribution among government agencies, private groups, and interested individuals; they also have been provided at meetings and conferences, and references or excerpts from some of them have appeared in scientific and popular journals and in public newspapers and other media outlets.

In the FEDERAL REGISTER of June 7, 1976 (41 FR 22915-22922), the Service published proposed rules which, among other things:

(1) Set forth the procedural steps of determining Endangered or Threatened Species of Plants;

(2) Proscribe the prohibitions which apply to such Endangered or Threatened Plants or to the seeds, roots, or parts thereof;

(3) Establish procedures, conditions, and criteria for the application for and issuance of permits to conduct otherwise prohibited activities.

Any plant herein proposed which is eventually determined to be a Threatened Species or an Endangered Species would be subject to those regulations.

DISCUSSION OF COMMENTS RECEIVED

As a result of the dissemination of the FEDERAL REGISTER notices discussed above and as a result of the publicity given them, the Service has received hundreds of comments from the scientific community, various States, Federal agencies, industry groups, other special interest groups and the general public pertaining to the need, the procedures and the process of the determination of Threatened or Endangered Species of Plants. Many of these comments have been responded to individually, all have been considered and those containing substantive information will be analyzed further prior to finalization of this Proposal. All such comments have been incorporated into the background files for this Proposal which are maintained in the Service's Office of Endangered Species, Suite 1100, 1612 K Street, N.W., Washington, D.C., and have been catalogued in a correspondence log entitled "Comments on U.S. Plant Candidates Through April

1976." That log, dated May 5, 1976, also has been incorporated into the permanent background files.

DESCRIPTION OF THE PROPOSAL

Section 4(a) of the Act states that the Secretary may determine a species to be an Endangered Species or a Threatened Species because of any of the five factors following:

(1) The present or threatened destruction, modification, or curtailment of its habitat or range;

(2) Overutilization for commercial, sporting, scientific, or educational purposes;

(3) Disease or predation;

(4) The inadequacy of existing regulatory mechanisms; or

(5) Other natural or mandate factors affecting its continued existence.

The U.S. Fish and Wildlife Service has reviewed the information gathered and compiled by the Smithsonian Institution (Department of Botany) in the preparation of their report and in subsequent investigations to be sufficient for proposing an Endangered Species the approximately 1,700 plants named hereinafter. In obtaining this information which is on file at the Smithsonian Institution's Department of Botany, Washington, D.C., they contacted and received recommendations from a majority of the top botanists in the country, and this resulting list is a further refinement of their views. At least one of the above five factors threaten each of the identified plant taxa with extinction throughout all or a significant portion of its range. Certain plants proposed herein are of such a restricted range or habitat that they qualify despite their locally sufficient numbers.

The list of some 1,700 taxa proposed represents a portion of the revised report of the Smithsonian Institution, and has been assembled on the basis of the comments and data received by that Institution and the U.S. Fish and Wildlife Service in response to the publications mentioned above, particularly House Document No. 94-51 and the FEDERAL REGISTER notices of April 21 and July 1, 1975.

The Act requires inclusion of the " * * * scientific and common name or names, if any, * * *" upon the list of those species determined to be Threatened or Endangered. No generally recognized common name exists for many of the plants included on the list contained herein. In such cases, the entry (n.c.n.) follows the scientific name and indicates the Service has located No Common Name for that taxon.

In other cases, acceptable common names exist for the genera or species in question, but no such names for lesser taxa have been located. In these instances, the common name for the genus or species, as appropriate, will be followed by the notation (unnamed).

As usage of such names varies considerably, it should be recognized that only the scientific names carry legal significance. Comments and data toward improving the accuracy of common names, as well as scientific names, are requested.

The Service recognizes that plant taxonomy is not an exact science, that the knowledge of plants continues to develop, and that scientific nomenclature reflects such understanding. It further recognizes that the classification and nomenclatural rank given to a plant is subject to opinion, based on the specialist's knowledge of the plant in question, and his interpretation of the terms and concepts of plant taxonomy. Consequently, those plants named as "varieties" in the Smithsonian Institution report and its revision are here considered to be subspecies and, therefore, "species" as defined in section 3(11) of the Act.

Determination that a plant is a Threatened or Endangered Species would, among other things, make that species, including its seeds, roots, or other parts, subject to the prohibitions of section 9(a)(2) of the Act which reads as follows:

(2) Except as provided in sections 6(g)(2) and 10 of this Act, with respect to any endangered species of plants listed pursuant to section 4 of this Act, it is unlawful for any person subject to the jurisdiction of the United States to—

- (A) Import any such species into, or export any such species from the United States;
- (B) Deliver, receive, carry, transport, or ship in interstate or foreign commerce, by any means whatsoever and in the course of a commercial activity, any such species;
- (C) Sell or offer for sale in interstate or foreign commerce any such species; or
- (D) Violate any regulation pertaining to such species or to any threatened species of plants listed pursuant to section 4 of this Act and promulgated by the Secretary pursuant to authority provided in this Act.

Such determination also would make the Threatened or Endangered Plant eligible for the protection provided by section 7 of the Act which reads as follows:

INTERAGENCY COOPERATION

Sec. 7. The Secretary shall review other programs administered by him and utilize such programs in furtherance of the purposes of this Act. All other Federal departments and agencies shall, in consultation with and with the assistance of the Secretary, utilize their authorities in furtherance of the purposes of this Act by carrying out programs for the conservation of endangered species and threatened species listed pursuant to section 4 of this Act and by taking such action necessary to insure that actions authorized, funded, or carried out by them do not jeopardize the continued existence of such endangered species and threatened species or result in the destruction or modification of habitat of such species which is determined by the Secretary, after consultation as appropriate with the affected States, to be critical.

It should be noted that a determination that a plant is a Threatened Species or an Endangered Species imposes no restrictions upon: the "taking"; the interstate sale; nor upon the interstate movement of such plants unless such movement is in the course of a commercial activity involving a change of ownership of the plant. In this context, the term "commercial activity" is defined in section 3(1) of the Act as follows:

(1) The term "commercial activity" means all activities of industry and trade, including, but not limited to, the buying or sell-

ing of commodities and activities conducted for the purpose of facilitating such buying and selling.

The terms "industry or trade," as used in the above definition, were defined in the September 26, 1975, FEDERAL REGISTER (40 FR 44416) as follows:

"Industry or trade" in the definition of "commercial activity" in the Act means the actual or intended transfer of wildlife or plants from one person to another person in the pursuit of gain or profit;

In the case of Endangered Species of plants, regulations proposed in the June 7, 1976, FEDERAL REGISTER (41 FR 22915-22922), would provide for the issuance of permits to carry out otherwise prohibited activities under certain circumstances. Such permits would be available for scientific purposes or to enhance the propagation or survival of the species. In some instances permits may be issued during a specified period of time to relieve undue economic hardship which would be suffered if such relief were not available.

PUBLIC COMMENTS SOLICITED

The Director intends for the finally adopted rules to be as accurate and effective in the conservation of Endangered plants as possible. Therefore, any comments or suggestions from the public, other concerned governmental agencies, the scientific community, industry, private interests or any other interested party concerning any aspect of these proposed rules are hereby solicited. Comments particularly are sought concerning:

1. The location of any living specimen of those plants which are identified on the following list by an asterisk preceding the scientific name;
2. Botanical, horticultural or other relevant data concerning any threat (or the lack thereof) to any plant included on the following list;
3. Detailed information concerning the range and distribution of any of these plants;
4. The location of and reasons why any habitat of any plant on the following list should be determined to be "Critical Habitat" as provided for by section 7 of the Act;
5. Improved scientific or common names for any plant on the following list;
6. The extent and kinds of impact in regulating the importation or exportation, or the delivering, receiving, carrying, transporting, shipping, or sale or offer for sale in interstate or foreign commercial activity, of these plants;
7. The extent and kinds of impact on actions authorized, funded or carried out by Federal agencies which might affect these plants or any Critical Habitats which may be determined for any of them.

The list of plants following is arranged alphabetically in the sequence of subspecies (variety) within species within genus within family. The family names are included solely for the purpose of aiding in the identification of the other lower taxa and have no other legal significance.

The reader should be aware that the following list consists of two parts:

- (1) The main list and
- (2) An addendum immediately following which contains the names of several floral taxa brought to the Service's at-

tention after the main list had been typed. Plants included in this addendum are arranged in the same sequence as those in the main list.

The Service is aware that this proposal, together with the already published proposed regulations for plants, could have a noticeable impact. It is hoped that comments to the Service will bring out any potential problem areas so that our final rules will be effective, equitable and conducive to voluntary compliance. Therefore, the Service will hold several public hearings in various areas of the country relating to this proposal, jointly with the proposal on plant regulations, before any final rulemakings are published. The dates, times, and locations of these public hearings will be announced in the FEDERAL REGISTER and press releases in the near future. It is planned that this proposal and the proposal on plant regulations will be considered together, and may be implemented together. If necessary, the period for comments on this proposal will be extended. Final promulgation of the regulations on these plant taxa will take into consideration the comments and any additional information received by the Director and such communications may lead him to adopt final regulations that differ from this proposal.

An environmental assessment has been prepared in conjunction with this proposal. It is on file in the Service's Office of Endangered Species and International Activities, 1612 K Street, N.W., Washington, D.C. and may be examined during regular business hours. A determination will be made before the time of final rulemaking as to whether this is a major Federal action which would significantly affect the quality of the human environment within the meaning of section 102 (2)(c) of the National Environmental Policy Act of 1969.

SUBMITTAL OF WRITTEN COMMENTS

Interested persons may participate in this rulemaking by submitting written comments and other documents, preferably in triplicate, to the Director (FWS/LE), U.S. Fish and Wildlife Service, P.O. Box 19183, Washington, D.C. 20036. All relevant comments and materials received no later than August 16, 1976, will be considered. Comments and materials received will be available for public inspection during normal business hours at the Service's office in Suite 600, 1612 K Street, N.W., Washington, D.C.

This proposed rulemaking is issued under the authority contained in the Endangered Species Act of 1973 (16 U.S.C. 1531-1543; 87 Stat. 884).

Dated: June 7, 1976.

LYNN A. GREENWALT,
Director,
Fish and Wildlife Service.

Accordingly, it is hereby proposed to amend Part 17, Subchapter B of Chapter I, Title 50 of the Code of Federal Regulations, as set forth below.

In § 17.12 it is proposed to add the following:

§ 17.12 Endangered or threatened plants.

SPECIES		RANGE				
Scientific Name	Common Name	Known Range	Portion of Range Where Threatened or Endangered	Status	When Listed	Special Rules
ACANTHACEAE - Acanthus Family:						
<u>Justicia cooleyi</u>	Water-willow, Cooley's	Florida	Entire	E		N/A
<u>Justicia crassifolia</u>	Water-willow, thick-leaved	Do	Do	E		N/A
AIZOACEAE - Carpet Weed Family:						
* <u>Sesuvium trianthemoides</u>	Sea purslane, Texas	Texas	Do	E		N/A
ALISMACEAE - Water-Plantain Family:						
<u>Sagittaria fasciculata</u>	Arrowhead, bunched	North Carolina	Do	E		N/A
AMARANTHACEAE - Amaranth Family:						
<u>Achyranthes mutica</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>Achyranthes splendens</u>	Do	Do	Do	E		N/A
var. <u>reflexa</u>						
<u>Achyranthes splendens</u>	Do	Do	Do	E		N/A
var. <u>rotundata</u>						
<u>Achyranthes splendens</u>	Do	Do	Do	E		N/A
var. <u>splendens</u>						
* <u>Aerva sericea</u>	Do	Do	Do	E		N/A
<u>Amaranthus browaii</u>	Do	Do	Do	E		N/A
<u>Charpentiera densiflora</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Nototrichium humile</u>	Do	Do	Do	E		N/A
var. <u>humile</u>						
<u>Nototrichium humile</u>	Do	Do	Do	E		N/A
var. <u>parvifolium</u>						
<u>Nototrichium humile</u>	Do	Do	Do	E		N/A
var. <u>subrhomboidum</u>						
<u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>decipiens</u>						
* <u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>dubium</u>						
* <u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>forbesii</u>						
<u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>helleri</u>						
<u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>kolekolense</u>						
* <u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>lanaiense</u>						
<u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>lanceolatum</u>						
* <u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>latifolium</u>						
<u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>leptopodium</u>						
<u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>longespdatum</u>						
<u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>macrophyllum</u>						
<u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>mauiense</u>						
<u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>olokeleamum</u>						
* <u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>pulchelloides</u>						
* <u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>pulchellum</u>						
* <u>Nototrichium sandwicense</u>	Do	Do	Do	E		N/A
var. <u>subcordatum</u>						

SPECIES		RANGE				
Scientific Name	Common Name	Known Range	Portion of Range Where Threatened or Endangered	Status	When Listed	Special Rules
<u>*Nototrichium sandwicense</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>syringifolium</u>						
<u>Nototrichium viride</u>	Do	Do	Do	E		N/A
var. <u>oblongifolium</u>						
<u>Nototrichium viride</u>	Do	Do	Do	E		N/A
var. <u>subtruncatum</u>						
<u>Nototrichium viride</u>	Do	Do	Do	E		N/A
var. <u>viride</u>						
ANACARDIACEAE - Cashew Family:						
<u>Rhus kearneyi</u>	Sumac, Kearney's	Arizona	Do	E		N/A
ANNONACEAE - Cherimoya Family:						
<u>Asimina tetramera</u>	Pawpaw, (unnamed) ²	Florida	Do	E		N/A
APIACEAE - Parsley Family:						
<u>Cymopterus minimus</u>	(n.c.n.)	Utah	Do	E		N/A
<u>Cymopterus nivalis</u>	Do	Nevada	Do	E		N/A
<u>Eryngium aristulatum</u>	Coyote-thistle, San Diego	California	Do	E		N/A
var. <u>parishii</u>						
<u>Lomatium bradshawii</u>	Desert-parsley, Bradshaw's	Oregon	Entire	E		N/A
<u>*Lomatium greenmanii</u>	Desert-parsley, Greenman's	Do	Do	E		N/A
<u>Lomatium minus</u>	Desert-parsley, Day Valley	Do	Do	E		N/A
<u>Lomatium ravenii</u>	Desert-parsley, Lassen	California				
<u>Lomatium suksdorfii</u>	Desert-parsley, Suksdorf's	Washington, Oregon	Do	E		N/A
<u>Lomatium tuberosum</u>	Desert-parsley, Hoover's	Washington	Do	E		N/A
<u>Oxyopolis greenmanii</u>	Dropwort, Greenman's	Florida	Do	E		N/A
<u>Peucedanum kauaiense</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>Peucedanum sandwicense</u>	Do	Do	Do	E		N/A
var. <u>sandwicense</u>						
<u>Sanicula maritima</u>	Sanicle, Adobe	California	Do	E		N/A
<u>Sanicula purpurea</u>	Sanicle, Purple-flowered	Hawaii	Do	E		N/A
<u>Sium floridanum</u>	Water-parsnip, Florida	Florida	Do	E		N/A
<u>Tauschia hooveri</u>	(n.c.n.)	Washington	Do	E		N/A
APOCYNACEAE - Dogbane Family:						
<u>*Apocynum jonesii</u>	Dogbane, Jones'	Arizona	Do	E		N/A
<u>Cycladenia jonesii</u>	(n.c.n.)	Utah	Do	E		N/A
<u>Ochrosia compta</u>	Do	Hawaii	Do	E		N/A
<u>*Pteralyxia caumiana</u>	Do	Do	Do	E		N/A
<u>Pteralyxia kauaiensis</u>	Do	Do	Do	E		N/A
<u>Rauvolfia helleri</u>	Do	Do	Do	E		N/A
<u>Rauvolfia mauiensis</u>	Do	Do	Do	E		N/A
<u>*Rauvolfia molokaiensis</u>	Do	Do	Do	E		N/A
var. <u>parvifolia</u>						
<u>Rauvolfia remotiflora</u>	Wahaula heiau	Do	Do	E		N/A
ARALIACEAE - Ginseng Family:						
<u>Cheirodendron helleri</u>	(n.c.n.)	Do	Do	E		N/A
var. <u>helleri</u>						

SPECIES		RANGE				
Scientific Name	Common Name	Known Range	Portion of Range Where Threatened or Endangered	Status	When Listed	Special Rules
<u>Cheirodendron helleri</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>microcarpum</u>						
<u>Cheirodendron helleri</u>	Do	Do	Do	E		N/A
var. <u>sodalium</u>						
<u>Cheirodendron trigynum</u>	Olapa, (unnamed)	Do	Do	E		N/A
var. <u>rockii</u>						
<u>Cheirodendron trigynum</u>	Do	Do	Do	E		N/A
var. <u>subcordatum</u>						
* <u>Munroidendron racemosum</u>	(n.c.n.)	Do	Do	E		N/A
var. <u>macdanielsii</u>						
<u>Munroidendron racemosum</u>	Do	Do	Do	E		N/A
var. <u>racemosum</u>						
<u>Reynoldsia degeneri</u>	Do	Do	Do	E		N/A
<u>Reynoldsia hillebrandii</u>	Do	Do	Do	E		N/A
<u>Reynoldsia huehuensis</u>	Do	Do	Do	E		N/A
var. <u>brevipes</u>						
<u>Reynoldsia huehuensis</u>	Do	Do	Do	E		N/A
var. <u>huehuensis</u>						
<u>Reynoldsia huehuensis</u>	Do	Do	Do	E		N/A
var. <u>intermedia</u>						
<u>Reynoldsia mauiensis</u>	Do	Do	Do	E		N/A
var. <u>macrocarpa</u>						
<u>Reynoldsia mauiensis</u>	Do	Do	Do	E		N/A
var. <u>mauiensis</u>						
<u>Reynoldsia sandwicensis</u>	Ohe, (unnamed)	Do	Do	E		N/A
var. <u>intercedens</u>						
* <u>Reynoldsia sandwicensis</u>	Do	Do	Do	E		N/A
var. <u>molokaiensis</u>						
<u>Reynoldsia venusta</u>	Ohe, kukuane'o	Do	Do	E		N/A
var. <u>lanaiensis</u>						
<u>Reynoldsia venusta</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>venusta</u>						
<u>Tetraplasandra bisattenuata</u>	Do	Do	Do	E		N/A
<u>Tetraplasandra gymnocarpa</u>	Ohe, (unnamed)	Do	Do	E		N/A
var. <u>pupukeensis</u>						
<u>Tetraplasandra hawaiiensis</u>	Do	Do	Do	E		N/A
var. <u>microcarpa</u>						
<u>Tetraplasandra kaalae</u>	Do	Do	Do	E		N/A
var. <u>multiplax</u>						
<u>Tetraplasandra kahanana</u>						
<u>Tetraplasandra kavaiensis</u>	Ohe Ohe, (unnamed)	Do	Do	E		N/A
var. <u>dipyrena</u>						
<u>Tetraplasandra kavaiensis</u>	Do	Do	Do	E		N/A
var. <u>grandis</u>						
<u>Tetraplasandra kavaiensis</u>	Do	Do	Do	E		N/A
var. <u>intercedens</u>						
<u>Tetraplasandra kavaiensis</u>	Do	Do	Do	E		N/A
var. <u>nahikuensis</u>						
<u>Tetraplasandra kavaiensis</u>	Do	Do	Do	E		N/A
var. <u>occidua</u>						
<u>Tetraplasandra kohalae</u>	(n.c.n.)	Do	Do	E		N/A
* <u>Tetraplasandra lansiensis</u>	Do	Do	Do	E		N/A
* <u>Tetraplasandra lydgatei</u>	Do	Do	Do	E		N/A
var. <u>brachypoda</u>						
* <u>Tetraplasandra lydgatei</u>	Do	Do	Do	E		N/A
var. <u>coriacea</u>						
* <u>Tetraplasandra lydgatei</u>	Do	Do	Do	E		N/A
var. <u>forbesii</u>						
<u>Tetraplasandra lydgatei</u>	Do	Do	Do	E		N/A
var. <u>leptorhachis</u>						
* <u>Tetraplasandra lydgatei</u>	Do	Do	Do	E		N/A
var. <u>lydgatei</u>						
<u>Tetraplasandra meiandra</u>	Do	Do	Do	E		N/A
var. <u>bryanii</u>						
<u>Tetraplasandra meiandra</u>	Do	Do	Do	E		N/A
var. <u>degeneri</u>						
<u>Tetraplasandra meiandra</u>	Do	Do	Do	E		N/A
var. <u>hillebrandii</u>						

SPECIES		RANGE				
Scientific Name	Common Name	Known Range	Portion of Range Where Threatened or Endangered	Status	When Listed	Special Rules
<u>Tetraplasandra meiantra</u> var. <u>leptomera</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Tetraplasandra meiantra</u> var. <u>makalehana</u>	Do	Do	Do	E		N/A
* <u>Tetraplasandra munroi</u>	Do	Do	Do	E		N/A
* <u>Tetraplasandra oahuensis</u> var. <u>eradiata</u>	Do	Do	Do	E		N/A
<u>Tetraplasandra pupukeensis</u> var. <u>pupukeensis</u>	Do	Do	Do	E		N/A
<u>Tetraplasandra waiianensis</u> var. <u>palehuana</u>	Do	Do	Do	E		N/A
ARECACEAE - Palm Family:						
<u>Pritchardia aylmer-robinsonii</u>	Loulu, (unnamed)	Do	Do	E		N/A
<u>Pritchardia elliptica</u>	Do	Do	Do	E		N/A
<u>Pritchardia eriophora</u>	Do	Do	Do	E		N/A
<u>Pritchardia gaudichaudii</u>	Do	Do	Do	E		N/A
<u>Pritchardia hillebrandii</u>	Loulu-lelo	Do	Do	E		N/A
<u>Pritchardia kaalae</u> var. <u>kaalae</u>	Loulu, (unnamed)	Do	Do	E		N/A
<u>Pritchardia kaalae</u> var. <u>minima</u>	Do	Do	Do	E		N/A
<u>Pritchardia kahanae</u>	Do	Do	Do	E		N/A
<u>Pritchardia lanaiensis</u>	Do	Do	Do	E		N/A
<u>Pritchardia munroii</u>	Do	Do	Do	E		N/A
<u>Roystonea elata</u>	Palm, Florida royal	Florida	Do	E		N/A
ARISTOLOCHIACEAE - Birthwort Family:						
<u>Hexastylis naniflora</u>	Heartleaf, dwarf-flowered	North Carolina, South Carolina, Virginia	Entire	E		N/A
<u>Hexastylis speciosa</u>	Heartleaf, (unnamed)	Alabama	Do	E		N/A
ASCLEPIADACEAE - Milkweed Family:						
<u>Asclepias eastwoodiana</u>	Milkweed, Eastwood's	Nevada	Do	E		N/A
<u>Asclepias meadii</u>	Milkweed, Mead's	Indiana, Illinois, Iowa, Kansas, Missouri	Do	E		N/A
<u>Matelea alabamensis</u>	Angle-pod, (unnamed)	Alabama	Do	E		N/A
<u>Matelea edwardsensis</u>	Milkvine, plateau	Texas	Do	E		N/A
* <u>Matelea radiata</u>	Angle-pod, (unnamed)	Do	Do	E		N/A
<u>Matelea texensis</u>	(n.c.n.)	Do	Do	E		N/A
ASTERACEAE - Aster Family:						
<u>Ambrosia cheiranthifolia</u>	Ragweed, (unnamed)	Texas, Mexico	Do	E		N/A
<u>Antennaria arcuata</u>	Pussy-toes, (unnamed)	Idaho, Wyoming	Do	E		N/A
<u>Argroxiphium kauense</u>	Silversword, Kau	Hawaii	Do	E		N/A
<u>Argroxiphium macrocephalum</u>	Silversword (Ahinahina)	Do	Do	E		N/A
* <u>Argroxiphium virescens</u> var. <u>virescens</u>	Greensword	Do	Do	E		N/A
<u>Artemisia</u> sp. (from Kaiholena Gulch, Lanai)	(n.c.n.)	Do	Do	E		N/A
<u>Aster pinifolius</u>	Aster, (unnamed)	Florida	Do	E		N/A
* <u>Aster sandwicensis</u>	Do	Hawaii	Do	E		N/A
<u>Balduina atropupurea</u>	(n.c.n.)	Georgia, Florida	Do	E		N/A
* <u>Bidens asplenioides</u>	Kookoolau, (unnamed)	Hawaii	Do	E		N/A
<u>Bidens cervicata</u>	Do	Do	Do	E		N/A
<u>Bidens coartata</u>	Do	Do	Do	E		N/A
<u>Bidens conjunctata</u>	Do	Do	Do	E		N/A
<u>Bidens cuneata</u>	Do	Do	Do	E		N/A

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<u>Bidens degeneri</u>	Kookoolau, (unnamed)	Hawaii	Entire	E		N/A
var. <u>apioides</u>						
<u>Bidens degeneri</u>	Do	Do	Do	E		N/A
var. <u>degeneri</u>						
* <u>Bidens distans</u>	Do	Do	Do	E		N/A
<u>Bidens forbesii</u>	Do	Do	Do	E		N/A
<u>Bidens graciloides</u>	Do	Do	Do	E		N/A
* <u>Bidens hawaiiensis</u>	Do	Do	Do	E		N/A
* <u>Bidens macrocarpa</u>	Do	Do	Do	E		N/A
var. <u>ovatifolia</u>						
<u>Bidens magnadisca</u>	Do	Do	Do	E		N/A
<u>Bidens mauiensis</u>	Do	Do	Do	E		N/A
var. <u>cuneatoides</u>						
<u>Bidens mauiensis</u>	Do	Do	Do	E		N/A
var. <u>forbesiana</u>						
<u>Bidens mauiensis</u>	Do	Do	Do	E		N/A
var. <u>lanaiensis</u>						
<u>Bidens mauiensis</u>	Do	Do	Do	E		N/A
var. <u>media</u>						
<u>Bidens menziesii</u>	Do	Do	Do	E		N/A
var. <u>leptodonta</u>						
* <u>Bidens micrantha</u>	Do	Do	Do	E		N/A
var. <u>caduca</u>						
<u>Bidens micrantha</u>	Do	Do	Do	E		N/A
var. <u>kaalana</u>						
<u>Bidens napaliensis</u>	Do	Do	Do	E		N/A
* <u>Bidens nematocera</u>	Do	Do	Do	E		N/A
<u>Bidens obtusiloba</u>	Do	Do	Do	E		N/A
<u>Bidens populifolia</u>	Do	Do	Do	E		N/A
* <u>Bidens pulchella</u>	Do	Do	Do	E		N/A
<u>Bidens salicoides</u>	Kookoolau, (unnamed)	Hawaii	Entire	E		N/A
<u>Bidens sandwicensis</u>	Do	Do	Do	E		N/A
var. <u>setosa</u>						
<u>Bidens skottsbergii</u>	Do	Do	Do	E		N/A
var. <u>conglutinata</u>						
<u>Bidens skottsbergii</u>	Do	Do	Do	E		N/A
var. <u>skottsbergii</u>						
* <u>Bidens stokesii</u>	Do	Do	Do	E		N/A
* <u>Bidens valida</u>	Do	Do	Do	E		N/A
* <u>Bidens waimeana</u>	Do	Do	Do	E		N/A
<u>Bidens wiebkei</u>	Do	Do	Do	E		N/A
<u>Blennosperma bakeri</u>	(n.c.n.)	California	Do	E		N/A
<u>Blennosperma nanum</u>	Do	Do	Do	E		N/A
var. <u>robustum</u>						
<u>Brickellia viejensis</u>	Do	Texas	Do	E		N/A
* <u>Calycadenia fremontii</u>	Rosinweed, (unnamed)	California	Do	E		N/A
<u>Cirsium clokeyi</u>	Thistle, Clokey's	Nevada	Do	E		N/A
<u>Cirsium fontinale</u>	Thistle, fountain	California	Do	E		N/A
var. <u>fontinale</u>						
<u>Cirsium hydrophilum</u>	Thistle, Suisun	Do	Do	E		N/A
var. <u>hydrophilum</u>						
<u>Cirsium loncholepis</u>	Thistle, La Graciosa	Do	Do	E		N/A
<u>Cirsium rhotophilum</u>	Thistle, surf	Do	Do	E		N/A
<u>Coreopsis intermedia</u>	Tick seed, (unnamed)	Texas, Louisiana	Do	E		N/A
<u>Dubautia arborea</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>Dubautia hillebrandii</u>	Do	Do	Do	E		N/A
<u>Dubautia knudsenii</u>	Naenae	Do	Do	E		N/A
var. <u>knudsenii</u>						
<u>Dubautia latifolia</u>	(n.c.n.)	Do	Do	E		N/A
var. <u>latifolia</u>						
<u>Dubautia laxa</u>	Naenae-pua-melemele,	Do	Do	E		N/A
var. <u>waianensis</u>	(unnamed)					
<u>Dubautia lonchophylla</u>	(n.c.n.)	Do	Do	E		N/A
* <u>Dubautia magnifolia</u>	Do	Do	Do	E		N/A
<u>Dubautia microcephala</u>	Do	Do	Do	E		N/A
var. <u>microcephala</u>						

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<u>Dubautia molokaiensis</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Dubautia montana</u>	Do	Do	Do	E		N/A
var. <u>longifolia</u>						
<u>Dubautia montana</u>	Do	Do	Do	E		N/A
var. <u>robustior</u>						
<u>Dubautia plantaginea</u>	Do	Do	Do	E		N/A
var. <u>acridentata</u>						
<u>Dubautia plantaginea</u>	Do	Do	Do	E		N/A
var. <u>plantaginea</u>						
<u>Dubautia platyphylla</u>	Do	Do	Do	E		N/A
var. <u>leptophylla</u>						
<u>Dubautia reticulata</u>	Do	Do	Do	E		N/A
* <u>Dubautia rockii</u>	Do	Do	Do	E		N/A
<u>Dubautia sherffiana</u>	Do	Do	Do	E		N/A
* <u>Dubautia struthioloides</u>	Do	Do	Do	E		N/A
<u>Dubautia ternifolia</u>	Do	Do	Do	E		N/A
<u>Dubautia thrysiflora</u>	Do	Do	Do	E		N/A
var. <u>thrysiflora</u>						
<u>Dyssodia tephroleuca</u>	Do	Texas	Do	E		N/A
<u>Echinacea tennesseensis</u>	Purple coneflower,	Tennessee	Do	E		N/A
Tennessee						
<u>Erigeron basalticus</u>	Daisy, basalt	Washington	Do	E		N/A
<u>Erigeron calvus</u>	Fleabane, (unnamed)	California	Do	E		N/A
<u>Erigeron delicatus</u>	Fleabane, Del Norte	Oregon, California	Do	E		N/A
<u>Erigeron eriophyllus</u>	Fleabane, (unnamed)	Arizona	Do	E		N/A
<u>Erigeron flagellaris</u>	Do	Utah	Do	E		N/A
var. <u>trilobatus</u>						
<u>Erigeron foliosus</u>	Leafy-daisy, Blochman's	California; Mexico	Do	E		N/A
var. <u>blochmanae</u>						
<u>Erigeron geiseri</u>	Fleabane, (unnamed)	Texas	Entire	E		N/A
var. <u>calcicola</u>						
<u>Erigeron kachinensis</u>	Do	Utah	Do	E		N/A
<u>Erigeron kuschei</u>	Do	Arizona	Do	E		N/A
<u>Erigeron latus</u>	Do	Idaho	Do	E		N/A
<u>Erigeron maguirei</u>	Do	Utah	Do	E		N/A
<u>Erigeron religiosus</u>	Do	Do	Do	E		N/A
<u>Erigeron rhizomatus</u>	Do	New Mexico	Do	E		N/A
<u>Erigeron sionis</u>	Do	Utah	Do	E		N/A
<u>Eriophyllum lanatum</u>	Woolly sunflower,	California	Do	E		N/A
var. <u>hallii</u>	Ft. Tejon					
<u>Eriophyllum mohavense</u>	Woolly sunflower, Barstow	Do	Do	E		N/A
* <u>Eriophyllum nubigenum</u>	Woolly sunflower, Yosemite	Do	Do	E		N/A
var. <u>nubigenum</u>						
<u>Eupatorium resinum</u>	Thoroughwort, (unnamed)	Kentucky	Do	E		N/A
var. <u>kentuckiense</u>						
<u>Gaillardia flava</u>	Blanket flower, yellow	Utah	Do	E		N/A
<u>Galinoga semicalva</u>	(n.c.n.)	Arizona	Do	E		N/A
var. <u>percalva</u>						
<u>Gnaphalium obtusifolium</u>	Catfoot, rock	Wisconsin	Do	E		N/A
var. <u>saxicola</u>						
<u>Gnaphalium sandwicense</u>	Enaena, whip	Hawaii	Do	E		N/A
var. <u>flagellare</u>						
<u>Gnaphalium sandwicense</u>	Enaena, Molokai	Do	Do	E		N/A
var. <u>molokaiense</u>						
* <u>Greenella discoidea</u>	(n.c.n.)	Arizona	Do	E		N/A
<u>Grindelia oolepis</u>	Gumweed, (unnamed)	Texas	Do	E		N/A
<u>Haplopappus eastwoodiae</u>	Goldenweed, Eastwood's	California	Do	E		N/A
<u>Haplopappus fremontii</u>	Goldenweed, (unnamed)	Colorado	Do	E		N/A
ssp. <u>monocephalus</u>						
<u>Haplopappus radiatus</u>	Do	Oregon, Idaho	Do	E		N/A
<u>Haplopappus salicinus</u>	Do	Arizona	Do	E		N/A
<u>Helianthus niveus</u>	Sunflower, desert	California; Mexico	Do	E		N/A
ssp. <u>tephrodes</u>						
* <u>Helianthus nuttallii</u>	Sunflower, (unnamed)	Do	Do	E		N/A
var. <u>parishii</u>						
<u>Helianthus paradoxus</u>	Sunflower, (unnamed)	Texas, New Mexico	Do	E		N/A
<u>Hemizonia conjugens</u>	Tarweed, Otay	California	Do	E		N/A
<u>Hemizonia floribunda</u>	Tarweed, Tecate	California; Mexico	Do	E		N/A

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<u>Hemizonia minthornii</u>	Tarweed, Santa Susana	California	Entire	E		N/A
* <u>Hesperomannia arborescens</u> ssp. <u>arborescens</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>Hesperomannia arborescens</u> ssp. <u>bushiana</u>	Do	Do	Do	E		N/A
<u>Hesperomannia arborescens</u> ssp. <u>swezeyi</u>	Do	Do	Do	E		N/A
* <u>Hesperomannia arbuscula</u> ssp. <u>arbuscula</u>	Do	Do	Do	E		N/A
<u>Hesperomannia arbuscula</u> ssp. <u>oahuensis</u>	Do	Do	Do	E		N/A
<u>Hesperomannia lydgatei</u>	Do	Do	Do	E		N/A
<u>Heterotheca ruthii</u>	Telegraphplant, Ruth's	Tennessee	Do	E		N/A
<u>Holocarpha macradenia</u>	Tarweed, Santa Cruz	California	Do	E		N/A
* <u>Hymenoxys texana</u>	Bitterweed, Texas	Texas	Do	E		N/A
<u>Jamesianthus alabamensis</u>	(n.c.n.)	Alabama	Do	E		N/A
<u>Lasthenia burkei</u>	Baeria, Burke's	California	Do	E		N/A
<u>Layia discoidea</u>	Tidytips, rayless	Do	Do	E		N/A
<u>Liatris ohlingerae</u>	Blazing star, (unnamed)	Florida	Do	E		N/A
<u>Liatris provincialis</u>	Do	Florida, Alabama	Do	E		N/A
<u>Lipochaeta alata</u> var. <u>alata</u>	Nehe, (unnamed)	Hawaii	Do	E		N/A
* <u>Lipochaeta bryanii</u>	Nehe, Bryan's	Do	Do	E		N/A
<u>Lipochaeta degeneri</u>	Nehe, small-leaved	Do	Do	E		N/A
<u>Lipochaeta exigua</u>	Nehe, lesser	Do	Do	E		N/A
<u>Lipochaeta faurei</u>	Nehe, Faure's	Do	Do	E		N/A
* <u>Lipochaeta flexuosa</u>	Nehe, flexuous	Do	Do	E		N/A
<u>Lipochaeta forbesii</u> var. <u>forbesii</u>	Nehe, Forbes'	Do	Do	E		N/A
* <u>Lipochaeta integrifolia</u> var. <u>gracilis</u>	Nehe, (unnamed)	Do	Do	E		N/A
<u>Lipochaeta integrifolia</u> var. <u>major</u>	Nehe, (unnamed)	Hawaii	Entire	E		N/A
<u>Lipochaeta integrifolia</u> var. <u>megacephala</u>	Do	Do	Do	E		N/A
* <u>Lipochaeta kahoolawensis</u>	Do	Do	Do	E		N/A
* <u>Lipochaeta lavarum</u> var. <u>salicifolia</u>	Do	Do	Do	E		N/A
* <u>Lipochaeta lavarum</u> var. <u>skottsbergii</u>	Do	Do	Do	E		N/A
* <u>Lipochaeta lobata</u> var. <u>albescens</u>	Do	Do	Do	E		N/A
* <u>Lipochaeta lobata</u> var. <u>aprevaliana</u>	Do	Do	Do	E		N/A
<u>Lipochaeta lobata</u> var. <u>hastulata</u>	Do	Do	Do	E		N/A
<u>Lipochaeta lobata</u> var. <u>leptophylla</u>	Do	Do	Do	E		N/A
<u>Lipochaeta lobata</u> var. <u>lobata</u>	Nehe, lobed	Do	Do	E		N/A
<u>Lipochaeta lobata</u> var. <u>maunaloensis</u>	Nehe, Maunaloa lobed	Do	Do	E		N/A
* <u>Lipochaeta perdita</u>	Nehe, (unnamed)	Do	Do	E		N/A
* <u>Lipochaeta profusa</u> var. <u>profusa</u>	Nehe, many-flowered	Do	Do	E		N/A
<u>Lipochaeta profusa</u> var. <u>robustior</u>	Nehe, (unnamed)	Do	Do	E		N/A
<u>Lipochaeta remyi</u>	Nehe, Remy's	Do	Do	E		N/A
* <u>Lipochaeta rockii</u> var. <u>dissecta</u>	Nehe, (unnamed)	Do	Do	E		N/A
<u>Lipochaeta rockii</u> var. <u>rockii</u>	Nehe, Rock's	Do	Do	E		N/A
<u>Lipochaeta rockii</u> var. <u>subovata</u>	Nehe, (unnamed)	Do	Do	E		N/A
* <u>Lipochaeta subcordata</u> var. <u>membranacea</u>	Do	Do	Do	E		N/A
<u>Lipochaeta subcordata</u> var. <u>populifolia</u>	Do	Do	Do	E		N/A
<u>Lipochaeta succulenta</u> var. <u>angustata</u>	Do	Do	Do	E		N/A

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<u>*Lipochaeta succulenta</u> var. <u>succulenta</u>	Nehe, (unnamed)	Hawaii	Entire	E		N/A
<u>Lipochaeta succulenta</u> var. <u>trifida</u>	Do	Do	Do	E		N/A
<u>Lipochaeta venosa</u>	Do	Do	Do	E		N/A
<u>Machaeranthera arizonica</u>	(n.c.n.)	Arizona	Do	E		N/A
<u>Machaeranthera aurea</u>	Do	Texas	Do	E		N/A
<u>Machaeranthera leucanthemifolia</u>	Do	Nevada	Do	E		N/A
<u>Marshallia mohri</u>	Barbara's buttons, (unnamed)	Alabama, Georgia	Do	E		N/A
<u>Microseris nutans</u> ssp. <u>siskiyouensis</u>	(n.c.n.)	Oregon, California	Do	E		N/A
<u>Pectis rusbyi</u>	Fetid-marigold, Rusby's (n.c.n.)	Arizona	Do	E		N/A
<u>Pentachaeta lyonii</u>	Do	California	Do	E		N/A
<u>Perityle bisetosa</u> var. <u>bisetosa</u>	Rock-daisy, (unnamed)	Texas	Do	E		N/A
<u>Perityle bisetosa</u> var. <u>scularis</u>	Do	Do	Do	E		N/A
<u>Perityle cinerea</u>	Do	Do	Do	E		N/A
<u>Perityle gilensis</u> var. <u>salensis</u>	Do	Arizona	Do	E		N/A
<u>Perityle lindheimeri</u> var. <u>halmifolia</u>	Do	Texas	Do	E		N/A
<u>*Perityle rotundata</u>	Do	Do	Do	E		N/A
<u>Perityle vitreomontana</u>	Do	Do	Do	E		N/A
<u>Plumera ambigens</u>	(n.c.n.)	Arizona	Do	E		N/A
<u>Pseudobahia peirsonii</u>	Do	California	Do	E		N/A
<u>*Remya kauaiensis</u> var. <u>kauaiensis</u>	Do	Hawaii	Do	E		N/A
<u>*Remya kauaiensis</u> var. <u>magnifica</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Remya mauiensis</u>	Do	Do	Do	E		N/A
<u>Senecio franciscanus</u>	Groundsel, San Francisco Peaks	Arizona	Do	E		N/A
<u>Senecio layneae</u>	Butterweed, Layne's	California	Do	E		N/A
<u>Senecio porteri</u>	Groundsel, Porter's	Colorado, Oregon	Do	E		N/A
<u>*Senecio sandwicensis</u>	Groundsel, (unnamed)	Hawaii	Do	E		N/A
<u>Silphium brachiatum</u>	Rosinweed, (unnamed)	Tennessee	Do	E		N/A
<u>Silphium integrifolium</u> var. <u>gattingeri</u>	Do	Do	Do	E		N/A
<u>Solidago albopilosa</u>	Goldenrod, (unnamed)	Kentucky	Do	E		N/A
<u>*Solidago porteri</u>	Goldenrod, Porter's	Georgia, North Carolina	Do	E		N/A
<u>Solidago shortii</u>	Goldenrod, short's	Kentucky	Do	E		N/A
<u>Stephanomeria malheurensis</u>	Wire-lettuce, Malheur	Oregon	Do	E		N/A
<u>Stephanomeria schottii</u>	Wire-lettuce, Schott's	Arizona	Do	E		N/A
<u>Tanacetum compactum</u>	Tansy, (unnamed)	Nevada	Do	E		N/A
<u>*Tetramolopium arbusculum</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>*Tetramolopium arenarium</u> var. <u>arenarium</u>	Do	Do	Do	E		N/A
<u>*Tetramolopium arenarium</u> var. <u>confertum</u>	Do	Do	Do	E		N/A
<u>*Tetramolopium arenarium</u> var. <u>dentatum</u>	Do	Do	Do	E		N/A
<u>*Tetramolopium capillare</u>	Do	Do	Do	E		N/A
<u>*Tetramolopium consanguineum</u> var. <u>consanguineum</u>	Do	Do	Do	E		N/A
<u>*Tetramolopium consanguineum</u> var. <u>leptophyllum</u>	Do	Do	Do	E		N/A
<u>*Tetramolopium conyzoides</u> var. <u>conyzoides</u>	Do	Do	Do	E		N/A
<u>*Tetramolopium conyzoides</u> var. <u>dentatum</u>	Do	Do	Do	E		N/A
<u>*Tetramolopium filiforme</u>	Do	Do	Do	E		N/A
<u>*Tetramolopium humile</u> var. <u>sublaeve</u>	Do	Do	Do	E		N/A

PROPOSED RULES

SPECIES		RANGE				
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<u>Tetramolopium lepidotum</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>lepidotum</u>						
<u>Tetramolopium lepidotum</u>	Do	Do	Do	E		N/A
var. <u>luxurians</u>						
<u>Tetramolopium polyphyllum</u>	Do	Do	Do	E		N/A
* <u>Tetramolopium remyi</u>	Do	Do	Do	E		N/A
* <u>Tetramolopium rockii</u>	Do	Do	Do	E		N/A
* <u>Tetramolopium tenerrimum</u>	Do	Do	Do	E		N/A
<u>Townsendia aprica</u>	Do	Utah	Do	E		N/A
<u>Tracyina rostrata</u>	Do	California	Do	E		N/A
<u>Viguiera ludens</u>	Golden-eye, field	Texas	Do	E		N/A
<u>Wilkesia hobyi</u>	Iliau	Hawaii	Do	E		N/A

BERBERIDACEAE - Barberry Family:

<u>Berberis harrisoniana</u>	Barberry, (unnamed)	Arizona	Do	E		N/A
<u>Berberis nevinii</u>	Barberry, Nevin's	California	Do	E		N/A
<u>Berberis sonnei</u>	Barberry, Truckee	Do	Do	E		N/A

BETULACEAE - Birch Family:

<u>Betula uber</u>	Birch, Ashe's	Virginia	Do	E		N/A
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BORAGINACEAE - Borage Family:

<u>Amsinckia grandiflora</u>	Fiddleneck, large-flowered	California	Entire	E		N/A
* <u>Cryptantha aperta</u>	Catseye, (unnamed)	Colorado	Do	E		N/A
<u>Cryptantha atwoodii</u>	Catseye, Atwood's	Arizona	Do	E		N/A
<u>Cryptantha breviflora</u>	Catseye, (unnamed)	Utah	Do	E		N/A
* <u>Cryptantha insolita</u>	Do	Nevada	Do	E		N/A
<u>Cryptantha ochroleuca</u>	Do	Utah	Do	E		N/A
<u>Cryptantha roosiorum</u>	Catseye, bristle-cone	California	Do	E		N/A
<u>Cryptantha shackletteana</u>	Catseye, (unnamed)	Alaska	Do	E		N/A
<u>Cryptantha weberi</u>	Catseye, Weber's	Colorado	Do	E		N/A
<u>Dasynotus daubenmirei</u>	(n.c.n.)	Idaho	Do	E		N/A
<u>Hackelia cronquistii</u>	Stickseed, Cronquist's	Oregon	Do	E		N/A
<u>Hackelia davisii</u>	Stickseed, Davis'	Idaho	Do	E		N/A
<u>Hackelia ophiobia</u>	Stickseed, (unnamed)	Oregon	Do	E		N/A
<u>Hackelia venusta</u>	Stickseed, showy	Washington	Do	E		N/A
* <u>Mertensia toiyabensis</u>	Bluebells, (unnamed)	Nevada	Do	E		N/A
<u>Plagiobothrys diffusus</u>	Popcornflower, San Francisco	California	Do	E		N/A
<u>Plagiobothrys hirtus</u>	Popcornflower, (unnamed)	Oregon	Do	E		N/A
ssp. <u>hirtus</u>						
<u>Plagiobothrys lamprocarpus</u>	Do	Do	Do	E		N/A

BRASSICACEAE - Mustard Family:

* <u>Arabis fruticosa</u>	Rockcress, (unnamed)	Wyoming	Do	E		N/A
<u>Arabis mcdonaldiana</u>	Rockcress, McDonald's	California	Do	E		N/A
<u>Arabis oxylobula</u>	Rockcress, (unnamed)	Colorado	Do	E		N/A
<u>Arabis perstellata</u>	Rockcress, (unnamed)	Tennessee	Do	E		N/A
var. <u>ampia</u>						
<u>Arabis perstellata</u>	Do	Kentucky	Do	E		N/A
var. <u>perstellata</u>						
<u>Braya humilis</u>	(n.c.n.)	Colorado	Do	E		N/A
ssp. <u>ventosa</u>						

SPECIES		RANGE				
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<u>Cardamine contancei</u>	Bittercress, Constance's	Idaho	Entire	E		N/A
<u>Cardamine konaensis</u>	Bittercress, Kona	Hawaii	Do	E		N/A
<u>Cardamine pattersonii</u>	Bittercress, Saddle Mountain	Oregon	Do	E		N/A
<u>Draba aprica</u>	(n.c.n.)	S. Carolina, Georgia, Arkansas, Missouri	Do	E		N/A
<u>Draba arida</u>	Do	Nevada	Do	E		N/A
<u>Draba asprella</u>	Do	Arizona	Do	E		N/A
var. <u>asprella</u>						
<u>Draba asprella</u>	Do	Do	Do	E		N/A
var. <u>kaibabensis</u>						
<u>Draba incisa</u>	Do	Tennessee	Do	E		N/A
<u>Draba pauciflucta</u>	Do	Nevada	Do	E		N/A
<u>Erysimum capitatum</u>	Wallflower, Contra Costa	California	Do	E		N/A
var. <u>angustatum</u>						
<u>Erysimum franciscanum</u>	Wallflower, San Francisco	Do	Do	E		N/A
var. <u>franciscanum</u>						
<u>Eutrema penlandii</u>	(n.c.n.)	Colorado	Do	E		N/A
<u>Glaucocarpum suffrutescens</u>	Do	Utah	Do	E		N/A
<u>Leavenworthia alabamica</u>	Glade cress, (unnamed)	Alabama	Do	E		N/A
var. <u>brachystyla</u>						
<u>Leavenworthia aurea</u>	Glade cress, golden	Oklahoma, Texas	Do	E		N/A
<u>Leavenworthia crassa</u>	Glade cress, (unnamed)	Alabama	Do	E		N/A
var. <u>crassa</u>						
<u>Leavenworthia crassa</u>	Do	Do	Do	E		N/A
var. <u>elongata</u>						
<u>Leavenworthia exigua</u>	Glade cress, (Unnamed)	Kentucky	Entire	E		N/A
var. <u>laciniata</u>						
<u>Leavenworthia exigua</u>	Do	Alabama, Tennessee	Do	E		N/A
var. <u>lutea</u>						
* <u>Lepidium arbusculum</u>	Peppergrass, (unnamed)	Hawaii	Do	E		N/A
<u>Lepidium barnebyanum</u>	Peppergrass, Barneby's	Utah	Do	E		N/A
<u>Lepidium davisii</u>	Peppergrass, Davis'	Idaho	Do	E		N/A
<u>Lepidium bidentatum</u>	Anaunau, (unnamed)	Hawaii	Do	E		N/A
var. <u>o-waihiense</u>						
* <u>Lepidium bidentatum</u>	Anaunau, Remy's	Do	Do	E		N/A
var. <u>remyi</u>						
<u>Lepidium serra</u>	Anaunau, (unnamed)	Do	Do	E		N/A
<u>Lesquerella aurea</u>	Bladderpod, golden	New Mexico	Do	E		N/A
<u>Lesquerella densipila</u>	Bladderpod, Duck River	Tennessee, Alabama	Do	E		N/A
<u>Lesquerella filiformis</u>	Bladderpod, (unnamed)	Missouri	Do	E		N/A
<u>Lesquerella fremontii</u>	Bladderpod, Fremont's	Wyoming	Do	E		N/A
* <u>Lesquerella lata</u>	Bladderpod, (unnamed)	New Mexico	Do	E		N/A
<u>Lesquerella lyrata</u>	Bladderpod, lyrate	Alabama	Do	E		N/A
* <u>Lesquerella macrocarpa</u>	Bladderpod, (unnamed)	Wyoming	Do	E		N/A
<u>Lesquerella perforata</u>	Bladderpod, Spring Creek	Tennessee	Do	E		N/A
<u>Lesquerella pruinosa</u>	Bladderpod, (unnamed)	Colorado	Do	E		N/A
<u>Lesquerella stonensis</u>	Bladderpod, Stones River	Tennessee	Do	E		N/A
<u>Lesquerella tumulosa</u>	Bladderpod, (unnamed)	Utah	Do	E		N/A
<u>Lesquerella valida</u>	Do	Texas, New Mexico	Do	E		N/A
* <u>Physaria grahamii</u>	Twinpod, Graham's	Utah	Do	E		N/A
<u>Selenia jonesii</u>	(n.c.n.)	Texas	Do	E		N/A
<u>Sisymbrium kearneyi</u>	Do	Arizona	Do	E		N/A
<u>Smelowskia borealis</u>	Do	Alaska	Do	E		N/A
var. <u>villosa</u>						
* <u>Smelowskia holmgrenii</u>	Do	Nevada	Do	E		N/A
<u>Smelowskia ovalis</u>	Do	California	Do	E		N/A
ssp. <u>congesta</u>						
<u>Streptanthus albidus</u>	Jewelflower, Metcalf Canyon	Do	Do	E		N/A
ssp. <u>albidus</u>						
<u>Streptanthus callistus</u>	Jewelflower, royal	Do	Do	E		N/A
<u>Streptanthus farnsworthianus</u>	Jewelflower, Evalyn's	Do	Do	E		N/A
<u>Streptanthus lemmonii</u>	Jewelflower, Lemmon's	Arizona	Do	E		N/A
<u>Streptanthus morrisonii</u>	Jewelflower, Austin Creek	California	Do	E		N/A
ssp. <u>hirtiflorus</u>						
<u>Streptanthus niger</u>	Jewelflower, Tiburon	Do	Do	E		N/A

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<u>Streptanthus sparsiflorus</u>	Jewelflower, sparsely-flowered	Texas	Entire	E		N/A
<u>Streptanthus squamiformis</u>	Jewelflower, (unnamed)	Oklahoma, Arkansas	Do	E		N/A
<u>Thelypodium repandum</u>	Thelypody, wavy-leaf	Idaho	Do	E		N/A
* <u>Thelypodium tenue</u>	Thelypody, (unnamed)	Texas	Do	E		N/A
<u>Thelypodium texanum</u>	Do	Do	Do	E		N/A
<u>Warea sessifolia</u>	(n.c.n.)	Florida, Alabama	Do	E		N/A
BURMANNIACEAE - Burmannia Family:						
* <u>Thismia americana</u>	Do	Illinois	Do	E		N/A
CACTACEAE - Cactus Family:						
<u>Ancistrocactus tobuschii</u>	Do	Texas	Do	E		N/A
<u>Cereus eriophorus</u>	Do	Florida	Do	E		N/A
var. <u>fragrans</u>						
<u>Cereus gracilis</u>	Prickly apple, original	Do	Do	E		N/A
var. <u>aboriginum</u>						
<u>Cereus gracilis simpsonii</u>	Prickly apple, Simpson's	Do	Do	E		N/A
<u>Cereus robinii</u>	Tree cactus	Florida; Cuba	Do	E		N/A
<u>Coryphantha minima</u>	(n.c.n.)	Texas	Do	E		N/A
<u>Coryphantha ramillosa</u>	(n.c.n.)	Texas; Mexico	Entire	E		N/A
* <u>Coryphantha scheeri</u>	Do	Texas	Do	E		N/A
var. <u>uncinata</u>						
<u>Coryphantha strobiliformis</u>	Do	Texas; Mexico	Do	E		N/A
var. <u>durispina</u>						
<u>Echinocactus horizontalis</u>	Do	Arizona	Do	E		N/A
var. <u>nicholii</u>						
<u>Echinocereus chloranthus</u>	Hedgehog cactus, (unnamed)	Texas	Do	E		N/A
var. <u>neocapillus</u>						
<u>Echinocereus engelmannii</u>	Do	California	Do	E		N/A
var. <u>howei</u>						
<u>Echinocereus engelmannii</u>	Hedgehog cactus,	Utah	Do	E		N/A
var. <u>purpureus</u>	Engelmann's purple					
* <u>Echinocereus hempelii</u>	Hedgehog cactus, Hempel's	New Mexico; Mexico	Do	E		N/A
<u>Echinocereus lloydii</u>	Hedgehog cactus, Lloyd's	Texas, New Mexico	Do	E		N/A
<u>Echinocereus reichenbachii</u>	Hedgehog cactus, (unnamed)	Texas	Do	E		N/A
var. <u>albertii</u>						
<u>Echinocereus rissanthus</u>	Do	Do	Do	E		N/A
<u>Echinocereus triglochidiatus</u>	Do	Arizona	Do	E		N/A
var. <u>arizonicus</u>						
<u>Echinocereus viridiflorus</u>	Pitaya, Davis' green	Texas	Do	E		N/A
var. <u>davisii</u>						
<u>Ferocactus viridescens</u>	Barrel cactus, San Diego	California; Mexico	Do	E		N/A
<u>Neolloydia gautii</u>	(n.c.n.)	Texas	Do	E		N/A
<u>Neolloydia mariposensis</u>	Do	Texas; Mexico	Do	E		N/A
<u>Opuntia basilaris</u>	Beavertail cactus,	California, Arizona	Do	E		N/A
var. <u>treleasei</u>	Bakersfield					
* <u>Opuntia strigil</u>	Prickly pear, (unnamed)	Texas	Do	E		N/A
var. <u>flexospina</u>						
<u>Pediocactus bradyi</u>	(n.c.n.)	Arizona	Do	E		N/A
<u>Pediocactus knowltonii</u>	Do	New Mexico, Colorado	Do	E		N/A
<u>Pediocactus peeblesianus</u>	Do	Arizona	Do	E		N/A
var. <u>peeblesianus</u>						
<u>Pediocactus sileri</u>	Do	Do	Do	E		N/A
<u>Sclerocactus glaucus</u>	Do	Utah, Colorado	Do	E		N/A
<u>Sclerocactus mesae-verdae</u>	Do	Colorado, New Mexico	Do	E		N/A
<u>Sclerocactus wrightiae</u>	Do	Utah	Do	E		N/A

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CAMPANULACEAE - Bellflower Family:						
<u>Brighamia citrina</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>citrina</u>						
<u>Brighamia citrina</u>	Do	Do	Do	E		N/A
var. <u>napaliensis</u>						
<u>Brighamia insignis</u>	Do	Do	Do	E		N/A
* <u>Brighamia remyi</u>	Do	Do	Do	E		N/A
<u>Brighamia rockii</u>	Do	Do	Do	E		N/A
<u>Campanula californica</u>	Harebell, swamp	California	Do	E		N/A
* <u>Campanula robinisiae</u>	Bellflower, Robins'	Florida	Do	E		N/A
<u>Clermontia drepanomorpha</u>	(n.c.n.)	Hawaii	Do	E		N/A
* <u>Clermontia haleakalensis</u>	Do	Do	Do	E		N/A
<u>Clermontia hawaiiensis</u>	Do	Do	Do	E		N/A
var. <u>hawaiiensis</u>						
<u>Clermontia lindseyana</u>	Do	Do	Do	E		N/A
<u>Clermontia loyana</u>	Do	Do	Do	E		N/A
<u>Clermontia munroi</u>	Do	Do	Do	E		N/A
<u>Clermontia peleana</u>	Do	Do	Do	E		N/A
* <u>Clermontia pyrularia</u>	Do	Do	Do	E		N/A
* <u>Cyanea arborea</u>	Do	Do	Do	E		N/A
* <u>Cyanea aspleniifolia</u>	Do	Do	Do	E		N/A
<u>Cyanea baldwinii</u>	Do	Do	Do	E		N/A
<u>Cyanea bryanii</u>	Do	Do	Do	E		N/A
* <u>Cyanea carlsonii</u>	Do	Do	Do	E		N/A
<u>Cyanea chockii</u>	Do	Do	Do	E		N/A
* <u>Cyanea comata</u>	Do	Do	Do	E		N/A
* <u>Cyanea gibsonii</u>	(n.c.n.)	Hawaii	Entire	E		N/A
* <u>Cyanea giffardii</u>	Do	Do	Do	E		N/A
<u>Cyanea grimesiana</u>	Do	Do	Do	E		N/A
var. <u>grimesiana</u>						
<u>Cyanea grimesiana</u>	Do	Do	Do	E		N/A
var. <u>hirsutifolia</u>						
* <u>Cyanea grimesiana</u>	Do	Do	Do	E		N/A
var. <u>lydgatei</u>						
<u>Cyanea grimesiana</u>	Do	Do	Do	E		N/A
var. <u>munroi</u>						
* <u>Cyanea kunthiana</u>	Do	Do	Do	E		N/A
<u>Cyanea leptostegia</u>	Do	Do	Do	E		N/A
var. <u>leptostegia</u>						
* <u>Cyanea linearifolia</u>	Do	Do	Do	E		N/A
<u>Cyanea marksii</u>	Do	Do	Do	E		N/A
<u>Cyanea mceldowneyi</u>	Do	Do	Do	E		N/A
* <u>Cyanea pycnocarpa</u>	Do	Do	Do	E		N/A
* <u>Cyanea regina</u>	Do	Do	Do	E		N/A
<u>Cyanea scabra</u>	Do	Do	Do	E		N/A
var. <u>variabilis</u>						
<u>Cyanea shipmanii</u>	Do	Do	Do	E		N/A
<u>Cyanea solanacea</u>	Popolo	Do	Do	E		N/A
<u>Cyanea solenocalyx</u>	Pua-kala	Do	Do	E		N/A
var. <u>solenocalyx</u>						
<u>Cyanea superba</u>	(n.c.n.)	Do	Do	E		N/A
var. <u>superba</u>						
<u>Cyanea tritomantha</u>	Do	Do	Do	E		N/A
var. <u>lydgatei</u>						
<u>Cyanea tritomantha</u>	Do	Do	Do	E		N/A
var. <u>tritomantha</u>						
* <u>Delissea fallax</u>	Do	Do	Do	E		N/A
* <u>Delissea laciniata</u>	Do	Do	Do	E		N/A
var. <u>laciniata</u>						
* <u>Delissea laciniata</u>	Do	Do	Do	E		N/A
var. <u>parvifolia</u>						
* <u>Delissea niihauensis</u>	Do	Do	Do	E		N/A
* <u>Delissea parviflora</u>	Do	Do	Do	E		N/A
<u>Delissea rhytidosperma</u>	Do	Do	Do	E		N/A
<u>Delissea sinuata</u>	Do	Do	Do	E		N/A
var. <u>lanaiensis</u>						

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<u>Delissea sinuata</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>sinuata</u>						
<u>Delissea subcordata</u>	Do	Do	Do	E		N/A
var. <u>obtusifolia</u>						
* <u>Delissea subcordata</u>	Do	Do	Do	E		N/A
subcordata						
<u>Delissea undulata</u>	Do	Do	Do	E		N/A
var. <u>argutidentata</u>						
* <u>Delissea undulata</u>	Do	Do	Do	E		N/A
var. <u>undulata</u>						
* <u>Githopsis fillicaulis</u>	Bluecup, Mission Canyon	California; Mexico	Do	E		N/A
* <u>Githopsis latifolia</u>	Bluecup, Lake Almanor	California	Do	E		N/A
(n.c.n.)		Do	Do	E		N/A
<u>Legenere limosa</u>		Do	Do	E		N/A
<u>Lobelia dumbarii</u>	Do	Hawaii	Do	E		N/A
<u>Lobelia gaudichaudii</u>	Do	Do	Do	E		N/A
var. <u>koolauensis</u>						
<u>Lobelia hypoleuca</u>	Do	Do	Do	E		N/A
var. <u>rockii</u>						
<u>Lobelia niihauensis</u>	Do	Do	Do	E		N/A
var. <u>forbesii</u>						
* <u>Lobelia niihauensis</u>	Do	Do	Do	E		N/A
var. <u>meridiana</u>	Do	Do	Do	E		N/A
<u>Lobelia niihauensis</u>	Do	Do	Do	E		N/A
var. <u>niihauensis</u>						
<u>Lobelia oahuensis</u>	Do	Do	Do	E		N/A
* <u>Lobelia remyi</u>	Do	Do	Do	E		N/A
<u>Lobelia tortuosa</u>	Do	Do	Do	E		N/A
<u>Rollandia crispa</u>	Do	Do	Do	E		N/A
var. <u>crispa</u>						
<u>Rollandia humboldtiana</u>	(n.c.n.)	Hawaii	Entire	E		N/A
* <u>Rollandia parvifolia</u>	Do	Do	Do	E		N/A
<u>Rollandia pinnatifida</u>	Do	Do	Do	E		N/A
<u>Rollandia purpurellifolia</u>	Do	Do	Do	E		N/A
<u>Rollandia sessilifolia</u>	Do	Do	Do	E		N/A
<u>Rollandia st.-johnii</u>	Do	Do	Do	E		N/A
CAPPARIDACEAE - Caper Family:						
<u>Capparis sandwichiana</u>	Caper, native	Do	Do	E		N/A
var. <u>sandwichiana</u>						
* <u>Cleome sandwicensis</u>	Spiderflower, wild	Do	Do	E		N/A
CAPRIFOLIACEAE - Honeysuckle Family:						
* <u>Viburnum bracteatum</u>	Arrowwood	Georgia, Alabama	Do	E		N/A
CARYOPHYLLACEAE - Pink Family:						
<u>Alisinodendron obovatum</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>Alisinodendron trinerve</u>	Do	Do	Do	E		N/A
<u>Arenaria alabamensis</u>	Sandwort, Alabama	Alabama	Do	E		N/A
* <u>Arenaria livermorensis</u>	Sandwort, Livermore	Texas	Do	E		N/A
<u>Arenaria ursina</u>	Sandwort, Bear Valley	California	Do	E		N/A
<u>Cerastium arvense</u>	Mouse-ear chickweed,	Pennsylvania	Do	E		N/A
var. <u>villosissimum</u>	(unnamed)					
<u>Cerastium clawsonii</u>	Mouse-ear chickweed,	Texas	Do	E		N/A
	Clawson's					
<u>Geocarpon minimum</u>	(n.c.n.)	Missouri, Arkansas	Do	E		N/A
<u>Paronychia chartacea</u>	Whitlow-wort, (unnamed)	Florida	Do	E		N/A
<u>Paronychia congesta</u>	Do	Texas	Do	E		N/A
<u>Paronychia maccartii</u>	Whitlow-wort, McCart's	Do	Do	E		N/A

SPECIES		RANGE				
Scientific Name	Common Name	Known Range	Portion of Range Where Threatened or Endangered	Status	When Listed	Special Rules
<u>Paronychia rugelii</u> var. <u>interior</u>	Whitlow-wort, (unnamed)	Florida, Georgia	Entire	E		N/A
<u>Schiedea adamantis</u>	Maolioli, (unnamed)	Hawaii	Do	E		N/A
* <u>Schiedea amplexicaulis</u>	Do	Do	Do	E		N/A
<u>Schiedea globosa</u> var. <u>globosa</u>	Do	Do	Do	E		N/A
<u>Schiedea globosa</u> var. <u>graminifolia</u>	Do	Do	Do	E		N/A
* <u>Schiedea hawaiiensis</u>	Do	Do	Do	E		N/A
* <u>Schiedea hookeri</u> var. <u>hookeri</u>	Do	Do	Do	E		N/A
<u>Schiedea kaalae</u> var. <u>kaalae</u>	Do	Do	Do	E		N/A
<u>Schiedea kealiae</u>	Do	Do	Do	E		N/A
<u>Schiedea menziesii</u> var. <u>spergulacea</u>	Do	Do	Do	E		N/A
<u>Schiedea pubescens</u> var. <u>lanaiensis</u>	Do	Do	Do	E		N/A
<u>Schiedea salicaria</u>	Do	Do	Do	E		N/A
<u>Silene alexandri</u>	(n.c.n.)	Do	Do	E		N/A
<u>Silene douglasii</u> var. <u>oraria</u>	Do	Oregon	Do	E		N/A
<u>Silene lanceolata</u> var. <u>forbesii</u>	Do	Hawaii	Do	E		N/A
<u>Silene plankii</u>	Do	Texas, New Mexico	Do	E		N/A
<u>Silene polypetala</u>	Do	Florida, Georgia	Do	E		N/A
<u>Silene rectiramea</u>	Do	Arizona	Do	E		N/A
<u>Silene spaldingii</u>	Do	Washington, Oregon, Idaho, Montana	Do	E		N/A
<u>Stellaria irrigua</u>	Chickweed, (unnamed)	Colorado	Entire	E		N/A
<u>Forsellesia pungens</u> var. <u>glabra</u>	(n.c.n.)	California	Entire	E		N/A
CERATOPHYLLACEAE - Hornwort Family:						
* <u>Ceratophyllum floridanum</u>	Hornwort, Florida	Florida	Do	E		N/A
CHENOPODIACEAE - Goosefoot Family:						
<u>Atriplex griffithsii</u>	Saltbush, Griffith's	Arizona	Do	E		N/A
<u>Atriplex klebergorum</u>	Saltbush, Kleberg's	Texas	Do	E		N/A
* <u>Atriplex tularensis</u>	Saltbush, Bakersfield	California	Do	E		N/A
<u>Nitrophila mohavensis</u>	(n.c.n.)	Do	Do	E		N/A
<u>Suaeda duripes</u>	Seepweed, hardtoe	Texas	Do	E		N/A
CISTACEAE - Rockrose Family:						
<u>Hudsonia ericoides</u> ssp. <u>montana</u>	Golden-heather	North Carolina	Do	E		N/A
<u>Lechea maritima</u> var. <u>virginica</u>	Pinweed, Virginian	Virginia	Do	E		N/A
<u>Lechea mensalis</u>	Pinweed, (unnamed)	Texas	Do	E		N/A
CONVOLVULACEAE - Morning-glory Family:						
<u>Bonania menziesii</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>Dichondra occidentalis</u>	Do	California	Do	E		N/A

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<u>Ipomea egregia</u>	Morning-glory, (unnamed)	Arizona	Entire	E		N/A
<u>Ipomea lemmonii</u>	Morning-glory, Lemmon's	Do	Do	E		N/A
CRASSULACEAE - Stonecrop Family:						
<u>Dudleya bettiniae</u>	Live-forever, San Luis serpentine	California	Do	E		N/A
<u>Dudleya candelabrum</u>	Live-forever, candle-holder	Do	Do	E		N/A
<u>Dudleya cymosa</u> ssp. <u>marcescens</u>	Live-forever, Santa Monica Mountains	Do	Do	E		N/A
<u>Dudleya multicaulis</u>	Live-forever, many-stemmed	Do	Do	E		N/A
<u>Dudleya nesiotica</u>	Live-forever, Santa Cruz Island	Do	Do	E		N/A
<u>Dudleya stolonifera</u>	Live-forever, Laguna Beach	Do	Do	E		N/A
<u>Dudleya traskiae</u>	Live-forever, Santa Brabara Island	Do	Do	E		N/A
<u>Echeveria collomae</u>	(n.c.n.)	Arizona	Do	E		N/A
<u>Echeveria rusbyi</u>	Do	Do	Do	E		N/A
<u>Lenophyllum texanum</u>	Stonecrop, (unnamed)	Texas	Do	E		N/A
<u>Parvisedum leiocarpum</u>	Stonecrop, Lake County	California	Do	E		N/A
<u>Sedum moranii</u>	Stonecrop, (unnamed)	Oregon	Do	E		N/A
<u>Sedum nevii</u>	Do	Alabama, Tennessee	Do	E		N/A
<u>Sedum radiatum</u> ssp. <u>depauperatum</u>	Do	Oregon	Do	E		N/A
CUPRESSACEAE - Cypress Family:						
<u>Cupress goveniana</u> var. <u>abramsiana</u>	Cypress, Santa Cruz	California	Do	E		N/A
CUSCUTACEAE - Dodder Family:						
<u>Cuscuta howelliana</u>	Dodder, Bogg's Lake	California	Entire	E		N/A
* <u>Cuscuta warneri</u>	Dodder, Warner's	Utah	Do	E		N/A
CYCADACEAE - Cycad Family:						
<u>Zamia integrifolia</u>	Coontie	Florida	Do	E		N/A
CYPERACEAE - Sedge Family:						
<u>Carex aboriginum</u>	Sedge, Indian Valley	Idaho	Do	E		N/A
<u>Carex albida</u>	Sedge, White	California	Do	E		N/A
<u>Carex elachycarpa</u>	Sedge, (unnamed)	Maine	Do	E		N/A
<u>Carex jacobi-peteri</u>	Do	Alaska	Do	E		N/A
<u>Carex specuicola</u>	Do	Arizona	Do	E		N/A
<u>Carex tompkinsii</u>	Sedge, Thompkins'	California	Do	E		N/A
<u>Cyperus grayioides</u>	Umbrella sedge, (unnamed)	Illinois	Do	E		N/A
<u>Eleocharis cylindrica</u>	Spikerush, cylinder	Texas; Mexico	Do	E		N/A
<u>Fimbristylis perpusilla</u>	(n.c.n.)	Georgia	Do	E		N/A
<u>Gahnia lanaiensis</u>	Do	Hawaii	Do	E		N/A
<u>Rhynchospora californica</u>	Beaked-rush, California	California	Do	E		N/A
<u>Rhynchospora crinipes</u>	Beaked-rush, (unnamed)	Alabama				
<u>Rhynchospora knieskernii</u>	Do	New Jersey, Delaware	Do	E		N/A
<u>Scirpus ancistrochaetus</u>	Bulrush, (unnamed)	Vermont, New York, Pennsylvania, Virginia	Do	E		N/A
DIAPENSIACEAE - Pixie Family:						
<u>Shortia galacifolia</u> var. <u>brevistyla</u>	Oconee bells, short-styled	South Carolina, North Carolina	Do	E		N/A
<u>Shortia galacifolia</u> var. <u>galacifolia</u>	Oconee bells, milky-leaved	South Carolina, North Carolina, Georgia	Do	E		N/A

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ERICACEAE - Heath Family:						
<u>Arctostaphylos andersonii</u>	Manzanita, pale heart leaf	California	Entire	E		N/A
var. <u>pallida</u>						
<u>Arctostaphylos auriculata</u>	Manzanita, Mt. Diablo	Do	Do	E		N/A
<u>Arctostaphylos densiflora</u>	Manzanita, Vinehill	Do	Do	E		N/A
<u>Arctostaphylos edmundsii</u>	Manzanita, small-flowered	Do	Do	E		N/A
var. <u>parviflora</u>	Little Sur					
<u>Arctostaphylos glandulosa</u>	Manzanita, Eastwood	Do	Do	E		N/A
ssp. <u>crassifolia</u>						
<u>Arctostaphylos glutinosa</u>	Manzanita, Schreiber's	Do	Do	E		N/A
* <u>Arctostaphylos hookeri</u>	Manzanita, San Francisco	Do	Do	E		N/A
ssp. <u>franciscana</u>						
<u>Arctostaphylos imbricata</u>	Manzanita, San Bruno Mountain	Do	Do	E		N/A
<u>Arctostaphylos myrtifolia</u>	Manzanita, Ione	Do	Do	E		N/A
<u>Arctostaphylos pacifica</u>	Manzanita, Pacific	Do	Do	E		N/A
<u>Arctostaphylos pallida</u>	Manzanita, Alameda	Do	Do	E		N/A
<u>Arctostaphylos pumila</u>	Manzanita, sandmat	Do	Do	E		N/A
<u>Elliottia racemosa</u>	Georgia Plume	Georgia	Do	E		N/A
<u>Kalmia cuneata</u>	White-wicky	North Carolina, South Carolina	Do	E		N/A
<u>Monotropis reynoldsiae</u>	Pinesap, sweet	Florida	Do	E		N/A
<u>Rhododendron minus</u>	Rhododendron, (unnamed)	Do	Do	E		N/A
var. <u>chapmanii</u>						
EPACRIDACEAE - Epacris Family:						
<u>Styphelia tameiameia</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>hexamera</u>						
ERIOCAULACEAE - Pipewort Family:						
<u>Eriocaulon kornickianum</u>	Pipewort, (unnamed)	Texas, Oklahoma, Arkansas	Do	E		N/A
EUPHORBIACEAE - Spurge Family:						
<u>Andrachne arida</u>	(n.c.n.)	Texas	Do	E		N/A
<u>Antidesma crenatum</u>	Do	Hawaii	Do	E		N/A
<u>Argythamnia aphoroides</u>	Wild mercury, (unnamed)	Texas	Do	E		N/A
<u>Argythamnia argyraea</u>	Do	Do	Do	E		N/A
<u>Chamaesyce (Euphorbia) deltoidea</u>	Spurge, (unnamed)	Florida	Do	E		N/A
ssp. <u>serpyllum</u>						
<u>Chamaesyce (Euphorbia) porteriana</u>	Do	Do	Do	E		N/A
var. <u>keyensis</u>						
<u>Chamaesyce (Euphorbia) porteriana</u>	Do	Do	Do	E		N/A
var. <u>scoparia</u>						
<u>Claoxylon sandwicense</u>	Poola	Hawaii	Do	E		N/A
var. <u>sandwicense</u>						
<u>Croton alabamensis</u>	(n.c.n.)	Alabama, Tennessee	Do	E		N/A
<u>Croton elliotii</u>	Do	Florida, Georgia, Alabama	Do	E		N/A
<u>Croton glandulosus</u>	Do	Florida	Do	E		N/A
var. <u>simpsonii</u>						
<u>Croton wigginsii</u>	Do	California, Nevada	Do	E		N/A
<u>Ditaxis diversiflora</u>	Do	Nevada	Do	E		N/A
<u>Drypetes phyllanthoides</u>	Mehamehame	Hawaii	Do	E		N/A
<u>Euphorbia arnottiana</u>	(n.c.n.)	Do	Do	E		N/A
var. <u>arnottiana</u>						

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<u>Euphorbia arnottiana</u> var. <u>integrifolia</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Euphorbia atrococca</u> var. <u>atrococca</u>	Do	Do	Do	E		N/A
<u>Euphorbia atrococca</u> var. <u>kilaueana</u>	Do	Do	Do	E		N/A
<u>Euphorbia atrococca</u> var. <u>kokeana</u>	Do	Do	Do	E		N/A
<u>Euphorbia celastroides</u> var. <u>halawana</u>	Do	Do	Do	E		N/A
<u>Euphorbia celastroides</u> var. <u>haupuana</u>	Do	Do	Do	E		N/A
* <u>Euphorbia celastroides</u> var. <u>humbertii</u>	Do	Do	Do	E		N/A
<u>Euphorbia celastroides</u> var. <u>kaenana</u>	Do	Do	Do	E		N/A
<u>Euphorbia celastroides</u> var. <u>kealiana</u>	Do	Do	Do	E		N/A
<u>Euphorbia celastroides</u> var. <u>kohalana</u>	Do	Do	Do	E		N/A
<u>Euphorbia celastroides</u> var. <u>moomomiana</u>	Do	Do	Do	E		N/A
<u>Euphorbia celastroides</u> var. <u>nematopoda</u>	Do	Do	Do	E		N/A
* <u>Euphorbia celastroides</u> var. <u>niuensis</u>	Do	Do	Do	E		N/A
<u>Euphorbia celastroides</u> var. <u>saxicola</u>	Do	Do	Do	E		N/A
<u>Euphorbia celastroides</u> var. <u>stokesii</u>	Do	Do	Do	E		N/A
<u>Euphorbia celastroides</u> var. <u>waikoluensis</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Euphorbia degeneri</u> var. <u>molokaiensis</u>	Do	Do	Do	E		N/A
* <u>Euphorbia deppiana</u>	Do	Do	Do	E		N/A
<u>Euphorbia fendleri</u> var. <u>triligulata</u>	Spurge, (unnamed)	Texas	Do	E		N/A
<u>Euphorbia garberi</u>	Do	Florida	Do	E		N/A
<u>Euphorbia golondrina</u>	Do	Texas	Do	E		N/A
<u>Euphorbia haeleleleana</u>	* (n.c.n.)	Hawaii	Do	E		N/A
<u>Euphorbia halemanui</u>	Do	Do	Do	E		N/A
<u>Euphorbia hillebrandii</u> var. <u>palikeana</u>	Do	Do	Do	E		N/A
<u>Euphorbia hillebrandii</u> var. <u>waimanoana</u>	Do	Do	Do	E		N/A
* <u>Euphorbia multiformis</u> var. <u>haleakalana</u>	Do	Do	Do	E		N/A
* <u>Euphorbia multiformis</u> var. <u>kaalana</u>	Do	Do	Do	E		N/A
<u>Euphorbia multiformis</u> var. <u>kapuleiensis</u>	Do	Do	Do	E		N/A
* <u>Euphorbia multiformis</u> var. <u>multiformis</u>	Akoko	Do	Do	E		N/A
* <u>Euphorbia multiformis</u> var. <u>perdita</u>	(n.c.n.)	Do	Do	E		N/A
<u>Euphorbia multiformis</u> var. <u>sparsiformis</u>	Do	Do	Do	E		N/A
* <u>Euphorbia multiformis</u> var. <u>tomentella</u>	Do	Do	Do	E		N/A
<u>Euphorbia olowaluana</u> var. <u>olowaluana</u>	Do	Do	Do	E		N/A
* <u>Euphorbia renyi</u> var. <u>hanaleiensis</u>	Do	Do	Do	E		N/A
<u>Euphorbia renyi</u> var. <u>kahiliiana</u>	Do	Do	Do	E		N/A
<u>Euphorbia renyi</u> var. <u>kauiensis</u>	Do	Do	Do	E		N/A
<u>Euphorbia renyi</u> var. <u>leptopoda</u>	Do	Do	Do	E		N/A

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<u>Euphorbia remyi</u> var. <u>lydgatei</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Euphorbia remyi</u> var. <u>molesta</u>	Do	Do	Do	E		N/A
<u>Euphorbia remyi</u> var. <u>olokelensis</u>	Do	Do	Do	E		N/A
<u>Euphorbia remyi</u> var. <u>pteropoda</u>	Do	Do	Do	E		N/A
* <u>Euphorbia remyi</u> var. <u>remyi</u>	Do	Do	Do	E		N/A
<u>Euphorbia remyi</u> var. <u>wahiawana</u>	Do	Do	Do	E		N/A
<u>Euphorbia remyi</u> var. <u>waimeana</u>	Do	Do	Do	E		N/A
* <u>Euphorbia remyi</u> var. <u>wilkesii</u>	Do	Do	Do	E		N/A
<u>Euphorbia skottsbergii</u> var. <u>audens</u>	Do	Do	Do	E		N/A
* <u>Euphorbia skottsbergii</u> var. <u>kalaeloana</u>	Do	Do	Do	E		N/A
* <u>Euphorbia skottsbergii</u> var. <u>skottsbergii</u>	Do	Do	Do	E		N/A
<u>Euphorbia skottsbergii</u> var. <u>vaccinioides</u>	Do	Do	Do	E		N/A
<u>Manihot walkerae</u>	Do	Texas; Mexico	Do	E		N/A
<u>Phyllanthus ericoides</u>	Leaf-flower, (unnamed)	Do	Do	E		N/A
<u>Phyllanthus sandwicensis</u> var. <u>degeneri</u>	(n.c.n.)	Hawaii	Do	E		N/A

FABACEAE - Pea Family:

<u>Acacia emoryana</u>	(n.c.n.)	Texas	Entire	E		N/A
<u>Acacia koaia</u>	Koa oha	Hawaii	Do	E		N/A
<u>Apios priceana</u>	Potato bean, Price's	Kentucky, Tennessee, Illinois, Mississippi	Do	E		N/A
<u>Astragalus amnis-amissi</u>	Milkvetch, (unnamed)	Idaho	Do	E		N/A
<u>Astragalus atratus</u> var. <u>inseptus</u>	Do	Do	Do	E		N/A
<u>Astragalus beathii</u>	Milkvetch, Beath's	Arizona	Do	E		N/A
<u>Astragalus beatleyae</u>	Milkvetch, Beatley's	Nevada	Do	E		N/A
<u>Astragalus castetteri</u>	Milkvetch, Castetter's	New Mexico	Do	E		N/A
<u>Astragalus clarianus</u>	Rattleweed, Clara Hunt's	California	Do	E		N/A
* <u>Astragalus columbianus</u>	Milkvetch, Columbia	Washington	Do	E		N/A
<u>Astragalus cremnophyllax</u>	Milkvetch, (unnamed)	Arizona	Do	E		N/A
<u>Astragalus cronquistii</u>	Milkvetch, Cronquist's	Utah	Do	E		N/A
* <u>Astragalus deserticus</u>	Milkvetch, (unnamed)	Do	Do	E		N/A
<u>Astragalus deterior</u>	Do	Colorado	Do	E		N/A
<u>Astragalus detritalis</u>	Do	Utah, Colorado	Do	E		N/A
<u>Astragalus hamiltonii</u>	Milkvetch, Hamilton's	Utah	Do	E		N/A
<u>Astragalus harrisonii</u>	Milkvetch, Harrison's	Do	Do	E		N/A
* <u>Astragalus humillimus</u>	Milkvetch, (unnamed)	Colorado	Do	E		N/A
<u>Astragalus iselyi</u>	Do	Utah	Do	E		N/A
<u>Astragalus jaegerianus</u>	Locoweed, Coolgardie	California	Do	E		N/A
<u>Astragalus johannis-howellii</u>	Locoweed, John's	California	Do	E		N/A
<u>Astragalus kentrophyta</u> var. <u>douglasii</u>	Milkvetch, Douglas' thistle	Washington, Oregon	Do	E		N/A
<u>Astragalus lentiginosus</u> var. <u>maricopae</u>	Locoweed, (unnamed)	Arizona	Do	E		N/A
<u>Astragalus lentiginosus</u> var. <u>sesquimetalis</u>	Do	California, Nevada	Do	E		N/A
* <u>Astragalus linifolius</u>	Milkvetch, (unnamed)	Colorado	Do	E		N/A
<u>Astragalus loanus</u>	Do	Utah	Do	E		N/A
<u>Astragalus microcymbus</u>	Do	Colorado; Mexico	Do	E		N/A

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<u>Astragalus misellus</u>	Milkvetch, pauper	Washington	Entire	E		N/A
var. pauper						
<u>Astragalus monoensis</u>	Locoweed, Mono	California	Do	E		N/A
<u>Astragalus naturitensis</u>	Milkvetch, (unnamed)	Colorado	Do	E		N/A
<u>Astragalus nyensis</u>	Do	Nevada	Do	E		N/A
<u>Astragalus osterhoutii</u>	Milkvetch, Osterhout's	Colorado	Do	E		N/A
<u>Astragalus perianus</u>	Milkvetch, (unnamed)	Utah	Do	E		N/A
<u>Astragalus phoenix</u>	Do	Nevada	Do	E		N/A
<u>Astragalus porrectus</u>	Do	Do	Do	E		N/A
<u>Astragalus proimanthus</u>	Do	Wyoming	Do	E		N/A
<u>Astragalus purshii</u>	Do	Idaho, Oregon	Do	E		N/A
var. ophiogenes						
* <u>Astragalus pycnostachyus</u>	Locoweed, Ventura Marsh	California	Do	E		N/A
var. lanosissimus						
<u>Astragalus ravenii</u>	Locoweed, Raven's	Do	Do	E		N/A
<u>Astragalus robbinsii</u>	Milkvetch, (unnamed)	Oregon	Do	E		N/A
var. alpiniformis						
<u>Astragalus robbinsii</u>	Do	New Hampshire, Vermont	Do	E		N/A
var. jesupi						
<u>Astragalus robbinsii</u>	Do	Nevada	Do	E		N/A
var. occidentalis						
* <u>Astragalus robbinsii</u>	Milkvetch, Robbin's	Vermont	Do	E		N/A
var. robbinsii						
<u>Astragalus saurinus</u>	Milkvetch, (unnamed)	Utah	Do	E		N/A
<u>Astragalus schmolliae</u>	Milkvetch, Schmolli's	Colorado	Do	E		N/A
<u>Astragalus serenoii</u>	Milkvetch, (unnamed)	Nevada	Do	E		N/A
var. sordescens						
<u>Astragalus serpens</u>	Do	Utah	Do	E		N/A
<u>Astragalus siliceus</u>	Do	New Mexico	Do	E		N/A
<u>Astragalus sinuatus</u>	Milkvetch, whited	Washington	Do	E		N/A
<u>Astragalus sterilis</u>	Milkvetch, (unnamed)	Oregon, Idaho	Entire	E		N/A
<u>Astragalus striatiflorus</u>	Do	Utah, Arizona	Do	E		N/A
<u>Astragalus tener</u>	Locoweed, coastal dunes	California	Do	E		N/A
var. titi						
<u>Astragalus uncialis</u>	Milkvetch, (unnamed)	Nevada	Do	E		N/A
<u>Astragalus xiphoides</u>	Do	Arizona	Do	E		N/A
<u>Baptisia arachnifera</u>	Wild indigo, hairy	Georgia	Do	E		N/A
<u>Baptisia riparia</u>	Wild indigo, (unnamed)	Florida	Do	E		N/A
<u>Brongiartia minutifolia</u>	(n.c.n.)	Texas; Mexico	Do	E		N/A
<u>Calliandra biflora</u>	Do	Do	Do	E		N/A
<u>Canavalia centralis</u>	Jackbean, (unnamed)	Hawaii	Do	E		N/A
<u>Canavalia forbesii</u>	Do	Do	Do	E		N/A
<u>Canavalia haleakalaensis</u>	Do	Do	Do	E		N/A
<u>Canavalia laeensis</u>	Do	Do	Do	E		N/A
<u>Canavalia kauaiensis</u>	Do	Do	Do	E		N/A
<u>Canavalia kauensis</u>	Do	Do	Do	E		N/A
<u>Canavalia lanaiensis</u>	Jackbean, Lanai	Do	Do	E		N/A
<u>Canavalia makahaensis</u>	Jackbean, (unnamed)	Do	Do	E		N/A
<u>Canavalia molokaiensis</u>	Jackbean, Molokai	Do	Do	E		N/A
<u>Canavalia mumroi</u>	Jackbean, (unnamed)	Do	Do	E		N/A
<u>Canavalia napaliensis</u>	Do	Do	Do	E		N/A
<u>Canavalia nualoloensis</u>	Do	Do	Do	E		N/A
<u>Canavalia peninsularis</u>	Do	Do	Do	E		N/A
<u>Canavalia pubescens</u>	Do	Do	Do	E		N/A
<u>Canavalia rockii</u>	Pua-kauhi	Do	Do	E		N/A
<u>Canavalia sanguinea</u>	Jackbean, (unnamed)	Do	Do	E		N/A
<u>Canavalia stenophylla</u>	Do	Do	Do	E		N/A
<u>Cassia keyensis</u>	Senna, Florida Keys	Florida	Do	E		N/A
<u>Centrosema arenicola</u>	Butterflypea, (unnamed)	Do	Do	E		N/A
<u>Galactia pinetorum</u>	Milkpea	Do	Do	E		N/A
<u>Genistidium dumosum</u>	(n.c.n.)	Texas; Mexico	Do	E		N/A
<u>Hoffmannseggia tenella</u>	Rush-pea, slender	Texas	Do	E		N/A
<u>Lespedeza leptostachya</u>	Bush-clover, Prairie	Illinois, Wisconsin, Iowa, Minnesota	Do	E		N/A
* <u>Lotus argophyllus</u>	Silver hosackia, San Clemente Island	California	Do	E		N/A
ssp. adsurgens						
<u>Lotus scoparius</u>	Broom, San Clemente	Do	Do	E		N/A
ssp. traskiae						

SPECIES		RANGE		Portion of Range Where Threatened or Endangered	Status	When Listed	Special Rules
Scientific Name	Common Name	Known Range					
<u>Lupinus burkei</u>	(n.c.n.)	Oregon	Entire	E		N/A	
<u>ssp. caeruleomontanus</u>							
<u>Lupinus guadalupensis</u>	Lupine, Guadalupe Island	California; Mexico	Do	E		N/A	
<u>Lupinus ludovicianus</u>	Lupine, San Luis	California	Do	E		N/A	
<u>Lupinus milo-bakeri</u>	Lupine, Milo Baker	Do	Do	E		N/A	
<u>Lupinus tidestromii</u>	Lupine, Point Reyes	Do	Do	E		N/A	
<u>var. layneae</u>							
<u>Lupinus tidestromii</u>	Lupine, Tidestrom	Do	Do	E		N/A	
<u>var. tidestromii</u>							
<u>Lupinus tracyi</u>	Lupine, Tracy's	Do	Do	E		N/A	
<u>Mezoneuron kauaiense</u>	Uhiuhi	Hawaii	Do	E		N/A	
<u>Oxytropis kobukensis</u>	Locoweed (unnamed)	Alaska	Do	E		N/A	
<u>Petalostemum foliosum</u>	Prairie clover, (unnamed)	Illinois, Tennessee, Alabama	Do	E		N/A	
<u>Petalostemum reverchonii</u>	Do	Texas	Do	E		N/A	
<u>Petalostemum sabinale</u>	Prairie clover, Sabinal	Do	Do	E		N/A	
<u>Petalostemum scariosum</u>	Prairie clover, (unnamed)	New Mexico	Do	E		N/A	
<u>Psoralea epipsila</u>	Scurf pea, (unnamed)	Arizona, Utah	Do	E		N/A	
* <u>Psoralea macrophylla</u>	Do	North Carolina	Do	E		N/A	
* <u>Psoralea stipulata</u>	Do	Indiana	Do	E		N/A	
<u>Sesbania tomentosa</u>	(n.c.n.)	Hawaii	Do	E		N/A	
<u>var. molokaiensis</u>							
<u>Sesbania tomentosa</u>	Do	Do	Do	E		N/A	
<u>var. tomentosa</u>							
<u>Sophora chrysophylla</u>	Do	Do	Do	E		N/A	
<u>var. circularis</u>							
<u>Sophora chrysophylla</u>	Do	Do	Do	E		N/A	
<u>var. elliptica</u>							
* <u>Sophora chrysophylla</u>	(n.c.n.)	Hawaii	Entire	E		N/A	
<u>var. glabrata</u>							
<u>Sophora chrysophylla</u>	Do	Do	Do	E		N/A	
<u>var. grisea</u>							
<u>Sophora chrysophylla</u>	Do	Do	Do	E		N/A	
<u>var. kanaioensis</u>							
<u>Sophora chrysophylla</u>	Do	Do	Do	E		N/A	
<u>var. kauensis</u>							
* <u>Sophora chrysophylla</u>	Do	Do	Do	E		N/A	
<u>var. lanaiensis</u>							
<u>Sophora chrysophylla</u>	Do	Do	Do	E		N/A	
<u>var. makuensis</u>							
* <u>Sophora chrysophylla</u>	Do	Do	Do	E		N/A	
<u>var. unifoliata</u>							
<u>Sophora formosa</u>	Do	Arizona	Do	E		N/A	
<u>Trifolium amoenum</u>	Clover, showy Indian	California	Do	E		N/A	
<u>Trifolium andersonii</u>	Clover, Beatley's five leaf	Nevada	Do	E		N/A	
<u>ssp. beatleyae</u>							
<u>Trifolium lemmonii</u>	Clover, Lemmon's	California, Nevada	Do	E		N/A	
<u>Trifolium polyodon</u>	Clover, Pacific grove	California	Do	E		N/A	
<u>Trifolium thompsonii</u>	Clover, Thompson's	Washington	Do	E		N/A	
<u>Trifolium trichocalyx</u>	Clover, Monterey	California	Do	E		N/A	
* <u>Vicia menziesii</u>	Vetch, (unnamed)	Hawaii	Do	E		N/A	
<u>Vicia ocalensis</u>	Vetch, Ocala	Florida	Do	E		N/A	
* <u>Vicia reverchonii</u>	Vetch, Hairy pod	Oklahoma, Texas	Do	E		N/A	
<u>Vigna owahuensis</u>	(n.c.n.)	Hawaii	Do	E		N/A	
<u>Vigna sandwicensis</u>	Do	Do	Do	E		N/A	
<u>var. heterophylla</u>							
<u>Vigna sandwicensis</u>	Do	Do	Do	E		N/A	
<u>var. sandwicensis</u>							
FAGACEAE - Beech Family:							
<u>Castanea ozarkensis</u>	Chinquapin, Ozark	Missouri, Arkansas, Oklahoma	Do	E		N/A	
<u>Quercus graciliformis</u>	Oak, Slender	Texas	Do	E		N/A	

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<u>Quercus hinckleyi</u>	Oak, Hinckley's	Texas	Entire	E		N/A
<u>Quercus tardifolia</u>	Oak, Chizos Mountains	Do	Do	E		N/A
FLAGELLARIACEAE - Flagellaria Family:						
<u>Joinvillea ascendens</u> ssp. <u>ascendens</u>	Ohe	Hawaii	Do	E		N/A
FRANKENIACEAE - Alkali-heath Family:						
<u>Frankenia johnstonii</u>	(n.c.n.)	Texas	Do	E		N/A
FUMIARIACEAE - Fumitory Family:						
<u>Corydalis aquae-gelidae</u>	Do	Oregon	Do	E		N/A
<u>Dicentra formosa</u> ssp. <u>oregana</u>	Bleedingheart, Pacific	California, Oregon	Do	E		N/A
<u>Dicentra ochroleuca</u>	Bleedingheart, yellow	California	Do	E		N/A
GENTIANACEAE - Gentian Family:						
<u>Bartonia texana</u>	Screwstem, Texas	Texas	Do	E		N/A
<u>Centaurium namophilum</u>	(n.c.n.)	California, Nevada	Entire	E		N/A
<u>Frasera gypsicola</u>	Green gentian, (unnamed)	Nevada	Do	E		N/A
<u>Frasera pahutensis</u>	Do	Do	Do	E		N/A
<u>Gentiana bisetata</u>	Gentian, (unnamed)	Oregon	Do	E		N/A
<u>Gentiana deloschlii</u>	Do	Georgia	Do	E		N/A
<u>Gentiana pennelliana</u>	Do	Florida	Do	E		N/A
GERANIACEAE - Geranium Family:						
<u>Geranium arboreum</u>	Native geranium, Red-flowered	Hawaii	Do	E		N/A
<u>Geranium cuneatum</u> var. <u>hololeucum</u>	(n.c.n.)	Do	Do	E		N/A
* <u>Geranium multiflorum</u> var. <u>multiflorum</u>	(n.c.n.)	Do	Do	E		N/A
<u>Geranium multiflorum</u> var. <u>ovatifolium</u>	Hina hina	Do	Do	E		N/A
<u>Geranium multiflorum</u> var. <u>superbum</u>	(n.c.n.)	Do	Do	E		N/A
<u>Geranium toquimense</u>	Do	Nevada	Do	E		N/A
GESNERIACEAE - Gesneria Family:						
<u>Cyrtandra alata</u>	Do	Hawaii	Do	E		N/A
<u>Cyrtandra basipartita</u>	Do	Do	Do	E		N/A
* <u>Cyrtandra begoniifolia</u>	Do	Do	Do	E		N/A
<u>Cyrtandra brevicornuta</u>	Do	Do	Do	E		N/A
<u>Cyrtandra bryanii</u>	Do	Do	Do	E		N/A
<u>Cyrtandra campaniformis</u>	Do	Do	Do	E		N/A
* <u>Cyrtandra carinata</u>	Do	Do	Do	E		N/A
<u>Cyrtandra caudatisepala</u>	Do	Do	Do	E		N/A
<u>Cyrtandra chartacea</u>	Do	Do	Do	E		N/A
* <u>Cyrtandra collarifera</u>	Do	Do	Do	E		N/A
<u>Cyrtandra comradtii</u>	Do	Do	Do	E		N/A
* <u>Cyrtandra cordifolia</u> var. <u>brevipilata</u>	Do	Do	Do	E		N/A

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<u>Cyrtandra crassior</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Cyrtandra crenata</u>	Do	Do	Do	E		N/A
<u>Cyrtandra cupuliformis</u>	Do	Do	Do	E		N/A
<u>Cyrtandra dentata</u>	Do	Do	Do	E		N/A
<u>Cyrtandra ellipticifolia</u>	Do	Do	Do	E		N/A
<u>Cyrtandra elliptisepala</u>	Do	Do	Do	E		N/A
<u>Cyrtandra ferricolorata</u>	Do	Do	Do	E		N/A
* <u>Cyrtandra ferruginosa</u>	Do	Do	Do	E		N/A
<u>Cyrtandra forbesii</u>	Do	Do	Do	E		N/A
<u>Cyrtandra fosbergii</u>	Do	Do	Do	E		N/A
<u>Cyrtandra frederickii</u>	Do	Do	Do	E		N/A
<u>Cyrtandra fusiformis</u>	Do	Do	Do	E		N/A
* <u>Cyrtandra garberi</u>	Do	Do	Do	E		N/A
<u>Cyrtandra glauca</u>	Do	Do	Do	E		N/A
* <u>Cyrtandra gracilis</u>	Do	Do	Do	E		N/A
* <u>Cyrtandra grossecrenata</u>	Do	Do	Do	E		N/A
<u>Cyrtandra hawaiiensis</u>	Do	Do	Do	E		N/A
<u>Cyrtandra hirsutula</u>	Do	Do	Do	E		N/A
<u>Cyrtandra hobbyi</u>	Do	Do	Do	E		N/A
* <u>Cyrtandra honoluluensis</u>	Do	Do	Do	E		N/A
<u>Cyrtandra infrapallida</u>	Do	Do	Do	E		N/A
<u>Cyrtandra intonsa</u>	Do	Do	Do	E		N/A
<u>Cyrtandra intrapilosa</u>	Do	Do	Do	E		N/A
<u>Cyrtandra kaalae</u>	Do	Do	Do	E		N/A
<u>Cyrtandra kahanensis</u>	Do	Do	Do	E		N/A
<u>Cyrtandra kahukuensis</u>	Do	Do	Do	E		N/A
<u>Cyrtandra kaluanuiensis</u>	Do	Do	Do	E		N/A
<u>Cyrtandra kaneoheensis</u>	Do	Do	Do	E		N/A
* <u>Cyrtandra kauaiensis</u>	Ulumaehe	Do	Do	E		N/A
<u>Cyrtandra koolauensis</u>	(n.c.n.)	Do	Do	E		N/A
<u>Cyrtandra laevis</u>	(n.c.n.)	Hawaii	Entire	E		N/A
* <u>Cyrtandra laxiflora</u>	Do	Do	Do	E		N/A
* <u>Cyrtandra lessoniana</u>	Do	Do	Do	E		N/A
var. <u>angustifolia</u>						
<u>Cyrtandra lessoniana</u>	Do	Do	Do	E		N/A
var. <u>intrapubens</u>						
* <u>Cyrtandra linearis</u>	Do	Do	Do	E		N/A
<u>Cyrtandra longicalyx</u>	Do	Do	Do	E		N/A
<u>Cyrtandra longifolia</u>	Do	Do	Do	E		N/A
var. <u>longifolia</u>						
<u>Cyrtandra longifolia</u>	Do	Do	Do	E		N/A
var. <u>parallela</u>						
<u>Cyrtandra longiloba</u>	Do	Do	Do	E		N/A
<u>Cyrtandra lysiosepala</u>	Do	Do	Do	E		N/A
var. <u>lysiosepala</u>						
<u>Cyrtandra macrantha</u>	Do	Do	Do	E		N/A
* <u>Cyrtandra mannii</u>	Do	Do	Do	E		N/A
<u>Cyrtandra menziesii</u>	Haiwale	Do	Do	E		N/A
<u>Cyrtandra metastigmata</u>	(n.c.n.)	Do	Do	E		N/A
<u>Cyrtandra niuensis</u>	Do	Do	Do	E		N/A
<u>Cyrtandra nubincolens</u>	Do	Do	Do	E		N/A
<u>Cyrtandra oenobarba</u>	Do	Do	Do	E		N/A
var. <u>oenobarba</u>						
<u>Cyrtandra olivacea</u>	Do	Do	Do	E		N/A
<u>Cyrtandra paloloensis</u>	Do	Do	Do	E		N/A
* <u>Cyrtandra partita</u>	Do	Do	Do	E		N/A
<u>Cyrtandra pearsallii</u>	Do	Do	Do	E		N/A
<u>Cyrtandra perstaminodica</u>	Do	Do	Do	E		N/A
* <u>Cyrtandra pickeringii</u>	Do	Do	Do	E		N/A
var. <u>pickeringii</u>						
<u>Cyrtandra pickeringii</u>	Do	Do	Do	E		N/A
var. <u>waihae</u>						
* <u>Cyrtandra piligyna</u>	Do	Do	Do	E		N/A
<u>Cyrtandra plurifolia</u>	Do	Do	Do	E		N/A
<u>Cyrtandra polyantha</u>	Do	Do	Do	E		N/A
<u>Cyrtandra pruinosa</u>	Do	Do	Do	E		N/A
<u>Cyrtandra pubens</u>	Do	Do	Do	E		N/A
<u>Cyrtandra rockii</u>	Do	Do	Do	E		N/A
<u>Cyrtandra sandwicensis</u>	Do	Do	Do	E		N/A

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<u>*Cyrtandra scabrella</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>*Cyrtandra skottsbergii</u>	Do	Do	Do	E		N/A
<u>Cyrtandra subcordata</u>	Do	Do	Do	E		N/A
<u>*Cyrtandra subintegra</u>	Do	Do	Do	E		N/A
<u>Cyrtandra subrecta</u>	Do	Do	Do	E		N/A
<u>Cyrtandra subumbellata</u>	Do	Do	Do	E		N/A
var. <u>intonsa</u>						
<u>Cyrtandra ternata</u>	Do	Do	Do	E		N/A
<u>*Cyrtandra triflora</u>	Do	Do	Do	E		N/A
<u>Cyrtandra turbiniformis</u>	Do	Do	Do	E		N/A
<u>Cyrtandra vanioti</u>						
<u>Cyrtandra villicalyx</u>	Do	Do	Do	E		N/A
var. <u>pubentigyna</u>						
<u>Cyrtandra villosa</u>	Do	Do	Do	E		N/A
<u>Cyrtandra villosiflora</u>	Do	Do	Do	E		N/A
<u>*Cyrtandra waiianuensis</u>	Do	Do	Do	E		N/A
<u>*Cyrtandra waiolani</u>	Do	Do	Do	E		N/A
var. <u>capitata</u>						
<u>Cyrtandra waiolani</u>	Do	Do	Do	E		N/A
var. <u>waiolani</u>						
<u>Cyrtandra waiomaoensis</u>	Do	Do	Do	E		N/A
GOODENIACEAE - Goodenia Family:						
<u>Scaevola coriacea</u>	False jade tree	Do	Do	E		N/A
<u>Scaevola gaudichaudii</u>	Napuka, Mountain	Do	Do	E		N/A
<u>Scaevola kilaueae</u>	Napuka, Kilauea	Do	Do	E		N/A
var. <u>kilaueae</u>						
HALORAGACEAE - Water-milfoil Family:						
<u>Gunnera kaalensis</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Gunnera makahaensis</u>	Do	Do	Do	E		N/A
HYDROCHARITACEAE - Elodea Family:						
<u>*Elodea brandegeae</u>	Waterweed, Truckee	California	Do	E		N/A
<u>*Elodea linearis</u>	Waterweed, Nashville	Tennessee	Do	E		N/A
<u>*Elodea nevadensis</u>	Waterweed, Nevada	Nevada	Do	E		N/A
<u>*Elodea schweinitzii</u>	Waterweed, Schweinitz's	Pennsylvania	Do	E		N/A
HYDROPHYLLACEAE - Waterleaf Family:						
<u>Eriodictyon altissimum</u>	Mountain balm, Indian Knob	California	Do	E		N/A
<u>Eriodictyon capitatum</u>	Lompoc Yerba Santa	Do	Do	E		N/A
<u>Hydrophyllum capitatum</u>	Waterleaf, Thompson's ballhead	Oregon, Washington	Do	E		N/A
var. <u>thompsonii</u>						
<u>Phacelia argillacea</u>	Scorpionweed, (unnamed)	Utah	Do	E		N/A
<u>Phacelia beatleyae</u>	Do	Nevada	Do	E		N/A
<u>Phacelia capitata</u>	Do	Oregon	Do	E		N/A
<u>*Phacelia cinerea</u>	Scorpionweed, ashy	California	Do	E		N/A
<u>Phacelia cookei</u>	Scorpionweed, (unnamed)	Do	Do	E		N/A
<u>Phacelia filiformis</u>	Do	Arizona	Do	E		N/A
<u>Phacelia formosula</u>	Do	Colorado	Do	E		N/A
<u>Phacelia indecousa</u>	Do	Utah	Do	E		N/A
<u>*Phacelia lenta</u>	Do	Washington	Do	E		N/A
<u>Phacelia mammillarensis</u>	Do	Utah	Do	E		N/A
<u>Phacelia pallida</u>	Do	Texas	Do	E		N/A
<u>Phacelia welskii</u>	Do	Arizona	Do	E		N/A
HYMENOPHYLLACEAE - Filmy Fern Family:						

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<u>Trichomanes draytonianum</u>	(n.c.n.)	Hawaii	Entire	E		N/A
HYPERICACEAE - St. John's-Wort Family:						
<u>Hypericum cumulicola</u>	St. John's-wort, (unnamed)	Florida	Do	E		N/A
IRIDACEAE - Iris Family:						
<u>Iris tenax</u>	Iris, (unnamed)	California	Do	E		N/A
<u>ssp. klamathensis</u>						
<u>Iris tenuis</u>	Iris, Clackamas	Oregon	Do	E		N/A
ISOETACEAE - Quillwort Family:						
<u>Isoetes lithophylla</u>	Quillwort, rock	Texas	Do	E		N/A
* <u>Isoetes louisianensis</u>	Quillwort, Louisiana	Louisiana	Do	E		N/A
JUGLANDACEAE - Walnut Family:						
<u>Juglans hindsii</u>	Black walnut, Northern California	California	Do	E		N/A
* <u>Juncus pervetus</u>	Bog rush, (unnamed)	Massachusetts	Entire	E		N/A
<u>Luzula hawaiiensis</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>var. oahuensis</u>						
LAMIACEAE - Mint Family:						
<u>Acanthomintha ilicifolia</u>	Thornmint, San Diego	California; Mexico	Do	E		N/A
<u>Acanthomintha obovata</u>	Thornmint, San Mateo	California	Do	E		N/A
<u>ssp. duttonii</u>						
<u>Brazoria pulcherrima</u>	(n.c.n.)	Texas	Do	E		N/A
<u>Conradina brevifolia</u>	Do	Florida	Do	E		N/A
<u>Conradina glabra</u>	Do	Do	Do	E		N/A
<u>Conradina verticillata</u>	Do	Kentucky, Tennessee	Do	E		N/A
<u>Dicerandra frutescens</u>	Do	Florida	Do	E		N/A
<u>Dicerandra immaculata</u>	Do	Do	Do	E		N/A
* <u>Haplostachys bryanii</u>	Do	Hawaii	Do	E		N/A
<u>var. bryanii</u>						
* <u>Haplostachys bryanii</u>	Do	Do	Do	E		N/A
<u>var. microdonta</u>						
* <u>Haplostachys bryanii</u>	Do	Do	Do	E		N/A
<u>var. robusta</u>						
* <u>Haplostachys haplostachya</u>	Do	Do	Do	E		N/A
<u>var. angustifolia</u>						
* <u>Haplostachys haplostachya</u>	Do	Do	Do	E		N/A
<u>var. haplostachya</u>						
* <u>Haplostachys haplostachya</u>	Do	Do	Do	E		N/A
<u>var. leptostachya</u>						
* <u>Haplostachys linearifolia</u>	Do	Do	Do	E		N/A
<u>var. linearifolia</u>						
* <u>Haplostachys linearifolia</u>	Do	Do	Do	E		N/A
<u>var. rosmarinifolia</u>						
* <u>Haplostachys munroi</u>	Do	Do	Do	E		N/A
* <u>Haplostachys truncata</u>	Do	Do	Do	E		N/A

SPECIES		RANGE				
Scientific Name	Common Name	Known Range	Portion of Range Where Threatened or Endangered	Status	When Listed	Special Rules
<u>Hedeoma graveolens</u>	Mock pennyroyal, (unnamed)	Florida	Entire	E		N/A
* <u>Hedeoma pilosum</u>	Pennyroyal, old blue	Texas	Do	E		N/A
<u>Macbridea alba</u>	(n.c.n.)	Florida	Do	E		N/A
* <u>Monardella leucocephala</u>	Do	California	Do	E		N/A
<u>Monardella linoides</u>	Do	Do	Do	E		N/A
<u>ssp. viminea</u>						
<u>Monardella macrantha</u>	Do	Do	Do	E		N/A
<u>var. halli</u>						
<u>Monardella pringlei</u>	Do	Do	Do	E		N/A
<u>Monardella undulata</u>	Do	Do	Do	E		N/A
<u>var. frutescens</u>						
* <u>Phyllostegia brevidens</u>	Do	Hawaii	Do	E		N/A
<u>var. ambigua</u>						
* <u>Phyllostegia brevidens</u>	Do	Do	Do	E		N/A
<u>var. hirsutula</u>						
* <u>Phyllostegia brevidens</u>	Do	Do	Do	E		N/A
<u>var. longipes</u>						
* <u>Phyllostegia brevidens</u>	Do	Do	Do	E		N/A
<u>var. pubescens</u>						
<u>Phyllostegia floribunda</u>	Do	Do	Do	E		N/A
<u>var. forbesii</u>						
* <u>Phyllostegia glabra</u>	Do	Do	Do	E		N/A
<u>var. lanaiensis</u>						
<u>Phyllostegia helleri</u>	Do	Do	Do	E		N/A
<u>var. imminuta</u>						
<u>Phyllostegia knudsenii</u>	Do	Do	Do	E		N/A
<u>Phyllostegia mollis</u>	Do	Do	Do	E		N/A
<u>var. fagerlundii</u>						
<u>Phyllostegia mollis</u>	Do	Do	Do	E		N/A
<u>var. hochreutineri</u>						
* <u>Phyllostegia mollis</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>var. lydgatei</u>						
<u>Phyllostegia mollis</u>	Do	Do	Do	E		N/A
<u>var. micrantha</u>						
* <u>Phyllostegia parviflora</u>	Do	Do	Do	E		N/A
<u>var. canescens</u>						
* <u>Phyllostegia parviflora</u>	Do	Do	Do	E		N/A
<u>var. glabriuscula</u>						
* <u>Phyllostegia parviflora</u>	Do	Do	Do	E		N/A
<u>var. honolulensis</u>						
<u>Phyllostegia variabilis</u>	Do	Do	Do	E		N/A
<u>Physostegia correllii</u>	False dragon-head, Corell's	Texas	Do	E		N/A
<u>Pogogyne abramsii</u>	(n.c.n.)	California	Do	E		N/A
<u>Pogogyne douglasii</u>	Do	Do	Do	E		N/A
<u>ssp. parviflora</u>						
<u>Pycnanthemum curvipes</u>	Mountain-mints, (unnamed)	Georgia, Alabama, North Carolina, Tennessee	Do	E		N/A
<u>Salvia blodgettii</u>	Sage, Blodgett's	Florida	Do	E		N/A
<u>Salvia columbariae</u>	Chia, Ziegler's	California	Do	E		N/A
<u>var. ziegleri</u>						
<u>Scutellaria oculum</u>	Skullcap, (unnamed)	Georgia	Do	E		N/A
<u>Stenogyne affinis</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>var. affinis</u>						
<u>Stenogyne affinis</u>	Do	Do	Do	E		N/A
<u>var. degeneri</u>						
* <u>Stenogyne angustifolia</u>	Do	Do	Do	E		N/A
<u>var. angustifolia</u>						
* <u>Stenogyne angustifolia</u>	Do	Do	Do	E		N/A
<u>var. mauiensis</u>						
<u>Stenogyne angustifolia</u>	Do	Do	Do	E		N/A
<u>var. neeboldii</u>						
* <u>Stenogyne angustifolia</u>	Do	Do	Do	E		N/A
<u>var. spatulata</u>						
* <u>Stenogyne cinerea</u>	Do	Do	Do	E		N/A
<u>Stenogyne crenata</u>	Do	Do	Do	E		N/A
<u>var. crenata</u>						
<u>Stenogyne crenata</u>	Do	Do	Do	E		N/A
<u>var. muricata</u>						
* <u>Stenogyne diffusa</u>	Do	Do	Do	E		N/A
<u>var. diffusa</u>						

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<u>Stenogyne diffusa</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>glabra</u>						
* <u>Stenogyne glabra</u>	Do	Do	Do	E		N/A
<u>Stenogyne haliakalae</u>	Do	Do	Do	E		N/A
* <u>Stenogyne macrantha</u>	Do	Do	Do	E		N/A
var. <u>grayi</u>						
* <u>Stenogyne macrantha</u>	Do	Do	Do	E		N/A
var. <u>latifolia</u>						
<u>Stenogyne macrantha</u>	Do	Do	Do	E		N/A
var. <u>macrantha</u>						
* <u>Stenogyne microphylla</u>	Do	Do	Do	E		N/A
<u>Stenogyne rotundifolia</u>	Do	Do	Do	E		N/A
var. <u>oblonga</u>						
* <u>Stenogyne scandens</u>	Do	Do	Do	E		N/A
* <u>Stenogyne scrophularioides</u>	Do	Do	Do	E		N/A
var. <u>biflora</u>						
* <u>Stenogyne scrophularioides</u>	Do	Do	Do	E		N/A
var. <u>nelsonii</u>						
* <u>Stenogyne scrophularioides</u>	Do	Do	Do	E		N/A
var. <u>remyi</u>						
* <u>Stenogyne scrophularioides</u>	Do	Do	Do	E		N/A
var. <u>scrophularioides</u>						
<u>Stenogyne scrophularioides</u>	Do	Do	Do	E		N/A
var. <u>skottsbergii</u>						
<u>Stenogyne sessilis</u>	Do	Do	Do	E		N/A
var. <u>hexantha</u>						
<u>Stenogyne sessilis</u>	Do	Do	Do	E		N/A
var. <u>laniensis</u>						
* <u>Stenogyne sessilis</u>	Do	Do	Do	E		N/A
var. <u>wilkesii</u>						
<u>Stenogyne sherffii</u>	Do	Lo	Do	E		N/A
* <u>Stenogyne sororia</u>	(n.c.n.)	Hawaii	Entire	E		N/A
* <u>Stenogyne vagans</u>	Do	Do	Do	E		N/A
* <u>Stenogyne viridis</u>	Do	Do	Do	E		N/A
<u>Trichostema austromontanum</u>	Bluecurls, Hidden Lake	California	Do	E		N/A
ssp. <u>compactum</u>						
LAURACEAE - Laurel Family:						
<u>Cryptocarya oahuensis</u>	(n.c.n.)	Hawaii	Do	E		N/A
LENNOACEAE - Lennoa Family:						
<u>Ammobroma sonorae</u>	Sandfood	California	Do	E		N/A
LENTIBULARIACEAE - Bladderwort Family:						
<u>Pinguicula ionantha</u>	Butterwort, (unnamed)	Florida	Do	E		N/A
LILIACEAE - Lily Family:						
<u>Agave arizonica</u>	(n.c.n.)	Arizona	Do	E		N/A
<u>Agave mckelveyana</u>	Do	Do	Do	E		N/A
<u>Agave schottii</u>	Do	Do	Do	E		N/A
var. <u>treleasei</u>						
<u>Allium aseae</u>	Onion, Aase	Idaho	Do	E		N/A
<u>Allium dictyon</u>	Onion, Blue Mountain	Washington	Do	E		N/A
<u>Allium hickmanii</u>	Onion, Hickman's	California	Do	E		N/A
<u>Allium passeyi</u>	Onion, Passey's	Utah	Do	E		N/A
<u>Astelia veratroides</u>	(n.c.n.)	Hawaii	Do	E		N/A
ssp. <u>macrosperma</u>						
<u>Astelia veratroides</u>	Painiu	Do	Do	E		N/A
var. <u>veratroides</u>						

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<u>Brodiaea coronaria</u> var. <u>rosea</u>	(n.c.n.)	California	Entire	E		N/A
<u>Brodiaea filifolia</u>	Do	Do	Do	E		N/A
<u>Brodiaea orcuttii</u>	Do	Do	Do	E		N/A
<u>Brodiaea pallida</u>	Do	Do	Do	E		N/A
<u>Calochortus clavatus</u> ssp. <u>recurvifolius</u>	Mariposa, Cruz	Do	Do	E		N/A
<u>Calochortus coeruleus</u> var. <u>westonii</u>	Mariposa, Shirley Meadows	Do	Do	E		N/A
* <u>Calochortus monanthus</u>	Mariposa, Shasta River	Do	Do	E		N/A
<u>Calochortus tiburonensis</u>	Mariposa, Tiburon	California	Do	E		N/A
<u>Chlorogalum grandiflorum</u>	Soaproot, Red Hills	Do	Do	E		N/A
<u>Chlorogalum purpureum</u> var. <u>purpureum</u>	Amole, purple	Do	Do	E		N/A
<u>Chlorogalum purpureum</u> var. <u>reductum</u>	Amole, Camatta Canyon	Do	Do	E		N/A
<u>Dracena aurea</u>	Halapepe, (unnamed)	Hawaii	Do	E		N/A
<u>Dracena hawaiiensis</u>	Do	Do	Do	E		N/A
* <u>Fritillaria adamantina</u>	Fritillary, Diamond Lake	Oregon	Do	E		N/A
<u>Fritillaria phaeantha</u>	Fritillary, Butte	California	Do	E		N/A
<u>Fritillaria roderickii</u>	Fritillary, Roderick's	Do	Do	E		N/A
<u>Harperocallis flava</u>	Harper's Beauty	Florida	Do	E		N/A
<u>Hymenocallis coronaria</u>	Spider lily, (unnamed)	Alabama, Georgia, South Carolina, Florida	Do	E		N/A
<u>Hypoxis longii</u>	Stargrass, (unnamed)	Virginia	Do	E		N/A
<u>Lilium iridollae</u>	Lily, (unnamed)	Alabama, Florida	Do	E		N/A
<u>Lilium occidentale</u>	Lily, western	Oregon, California	Do	E		N/A
<u>Lilium pitkinense</u>	Lily, Pitkin marsh	California	Do	E		N/A
<u>Nolina atopocarpa</u>	Beargrass, (unnamed)	Florida	Entire	E		N/A
<u>Nolina brittoniana</u>	Do	Do	Do	E		N/A
<u>Nolina interrata</u>	Beargrass, Dehesa	California	Do	E		N/A
<u>Pleomele forbesii</u>	Halapepe, (unnamed)	Hawaii	Do	E		N/A
<u>Pollanthes rymoni</u>	(n.c.n.)	Texas	Do	E		N/A
<u>Schoenolirion texanum</u>	Sunnybell, (unnamed)	Alabama, Arkansas, Texas	Do	E		N/A
<u>Smilax melastomifolia</u> var. <u>melastomifolia</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>Tofieldia glutinosa</u> ssp. <u>absona</u>	Do	Idaho	Do	E		N/A
<u>Trillium persistens</u>	Wake robin, (unnamed)	Georgia, South Carolina	Do	E		N/A
<u>Trillium pusillum</u> var. <u>virginianum</u>	Do	Maryland, Virginia	Do	E		N/A
LIMNANTHACEAE - Meadow Foam Family:						
<u>Limnanthes bakeri</u>	Meadowfoam, Baker's	California	Do	E		N/A
<u>Limnanthes gracilis</u> var. <u>parishii</u>	Meadowfoam, Parish's slender	Do	Do	E		N/A
<u>Limnanthes vinculans</u>	Meadowfoam, (unnamed)	Do	Do	E		N/A
LINACEAE - Flax Family:						
<u>Hesperolinon congestum</u>	Dwarf flax, Marin	Do	Do	E		N/A
<u>Hesperolinon didymocarpum</u>	Dwarf flax, Lake County	Do	Do	E		N/A
<u>Linum arenicola</u>	Flax, sand	Florida	Do	E		N/A
<u>Linum carteri</u> var. <u>carteri</u>	Flax, (unnamed)	Do	Do	E		N/A
<u>Linum carteri</u> var. <u>smallii</u>	Do	Do	Do	E		N/A
* <u>Linum macrocarpum</u>	Do	Alabama	Do	E		N/A
<u>Linum westii</u>	Flax, West's	Florida	Do	E		N/A
LOASACEAE - Loasa Family:						

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<u>Mentzelia leucophylla</u>	Stickleaf, (unnamed)	Nevada, California	Entire	E		N/A
<u>Mentzelia nitens</u>	Do	Arizona	Do	E		N/A
var. <u>leptocaulis</u>						
LOGANIACEAE - Logania Family:						
* <u>Labordia baillonii</u>	(n.c.n.)	Hawaii	Do	E		N/A
* <u>Labordia decurrens</u>	Do	Do	Do	E		N/A
var. <u>decurrens</u>						
<u>Labordia fagraeoides</u>	Do	Do	Do	E		N/A
var. <u>fagraeoides</u>						
<u>Labordia fagraeoides</u>	Do	Do	Do	E		N/A
var. <u>longisepala</u>						
<u>Labordia fagraeoides</u>	Do	Do	Do	E		N/A
var. <u>waianaeana</u>						
* <u>Labordia glabra</u>	Do	Do	Do	E		N/A
var. <u>glabra</u>						
<u>Labordia glabra</u>	Do	Do	Do	E		N/A
var. <u>latisepala</u>						
<u>Labordia glabra</u>	Do	Do	Do	E		N/A
var. <u>orientalis</u>						
<u>Labordia hedyosmifolia</u>	Do	Do	Do	E		N/A
var. <u>kilaueana</u>						
<u>Labordia hedyosmifolia</u>	Do	Do	Do	E		N/A
var. <u>magnifolia</u>						
<u>Labordia hedyosmifolia</u>	Do	Do	Do	E		N/A
var. <u>robusta</u>						
<u>Labordia hedyosmifolia</u>	Do	Do	Do	E		N/A
var. <u>rockii</u>						
<u>Labordia hedyosmifolia</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>skottsbergii</u>						
<u>Labordia hirtella</u>	Do	Do	Do	E		N/A
var. <u>imbricata</u>						
<u>Labordia hirtella</u>	Do	Do	Do	E		N/A
var. <u>laevis</u>						
<u>Labordia hirtella</u>	Do	Do	Do	E		N/A
var. <u>laevisepala</u>						
* <u>Labordia hirtella</u>	Do	Do	Do	E		N/A
var. <u>microcalyx</u>						
* <u>Labordia hirtella</u>	Do	Do	Do	E		N/A
var. <u>microphylla</u>						
<u>Labordia kaalae</u>	Do	Do	Do	E		N/A
var. <u>brachypoda</u>						
<u>Labordia kaalae</u>	Do	Do	Do	E		N/A
var. <u>fosbergii</u>						
<u>Labordia kaalae</u>	Do	Do	Do	E		N/A
var. <u>kauiensis</u>						
<u>Labordia kaalae</u>	Do	Do	Do	E		N/A
var. <u>mendax</u>						
<u>Labordia membranacea</u>	Do	Do	Do	E		N/A
var. <u>exigua</u>						
<u>Labordia membranacea</u>	Do	Do	Do	E		N/A
var. <u>membranacea</u>						
<u>Labordia molokaiana</u>	Do	Do	Do	E		N/A
var. <u>molokaiana</u>						
<u>Labordia molokaiana</u>	Do	Do	Do	E		N/A
var. <u>munroi</u>						
<u>Labordia molokaiana</u>	Do	Do	Do	E		N/A
var. <u>setosa</u>						
<u>Labordia olympiana</u>	Do	Do	Do	E		N/A
<u>Labordia pallida</u>	Do	Do	Do	E		N/A
var. <u>hispidula</u>						
<u>Labordia pallida</u>	Do	Do	Do	E		N/A
var. <u>pallida</u>						
* <u>Labordia pedunculata</u>	Do	Do	Do	E		N/A
<u>Labordia tinifolia</u>	Do	Do	Do	E		N/A
var. <u>forbesii</u>						
* <u>Labordia tinifolia</u>	Do	Do	Do	E		N/A
var. <u>honoluluensis</u>						

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<u>Labordia tinifolia</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>microgyna</u>						
* <u>Labordia tinifolia</u>	Do	Do	Do	E		N/A
var. <u>parvifolia</u>						
<u>Labordia tinifolia</u>	Do	Do	Do	E		N/A
var. <u>tenuifolia</u>						
* <u>Labordia triflora</u>	Do	Do	Do	E		N/A
<u>Spigelia gentianoides</u>	Pinkroot, (unnamed)	Florida	Do	E		N/A
<u>Spigelia loganioides</u>	Do	Do	Do	E	E	N/A
LYCOPODIACEAE - Clubmoss Family:						
* <u>Lycopodium mannii</u>	Clubmoss, (unnamed)	Hawaii	Do	E		N/A
LYTHRACEAE - Lythrum Family:						
<u>Cuphea aspera</u>	(n.c.n.)	Florida	Do	E		N/A
MALVACEAE - Mallow Family:						
* <u>Abutilon eremitopetalum</u>	Do	Hawaii	Do	E		N/A
* <u>Abutilon menziesii</u>	Kooloauala	Do	Do	E		N/A
<u>Abutilon sandwicense</u>	(n.c.n.)	Do	Do	E		N/A
var. <u>sandwicense</u>						
<u>Callirhoe scabriuscula</u>	Poppy-mallow, Texas	Texas	Entire	E		N/A
<u>Gaya violacea</u>	(n.c.n.)	Texas; Mexico	Do	E		N/A
<u>Gossypium tomentosum</u>	Cotton, native	Hawaii	Do	E		N/A
* <u>Hibiscadelphus bombycinus</u>	(n.c.n.)	Do	Do	E		N/A
<u>Hibiscadelphus distans</u>	Do	Do	Do	E		N/A
<u>Hibiscadelphus giffardianus</u>	Do	Do	Do	E		N/A
<u>Hibiscadelphus hualalaiensis</u>	Do	Do	Do	E		N/A
* <u>Hibiscadelphus wilderianus</u>	Do	Do	Do	E		N/A
<u>Hibiscus brackenridgei</u>	Hibiscus, native yellow	Do	Do	E		N/A
var. <u>brackenridgei</u>						
<u>Hibiscus brackenridgei</u>	Hibiscus, (unnamed)	Do	Do	E		N/A
var. <u>mokuleiana</u>						
* <u>Hibiscus brackenridgei</u>	Do	Do	Do	E		N/A
var. <u>molokaianus</u>						
<u>Hibiscus brackenridgei</u>	Do	Do	Do	E		N/A
var. (from Hawaii)						
<u>Hibiscus californicus</u>	Hibiscus, California	California	Do	E		N/A
<u>Hibiscus clayi</u>	Hibiscus, Clay's	Hawaii	Do	E		N/A
<u>Hibiscus dasycalyx</u>	Rose-mallow, Neches River	Texas	Do	E		N/A
<u>Hibiscus immaculatus</u>	Hibiscus, white Molokai	Hawaii	Do	E		N/A
<u>Hibiscus kahilii</u>	Hibiscus, red	Do	Do	E		N/A
<u>Hibiscus kokio</u>	Hibiscus, native red	Do	Do	E		N/A
var. <u>kokio</u>						
<u>Hibiscus kokio</u>	Hibiscus, (unnamed)	Do	Do	E		N/A
var. <u>pukoonis</u>						
<u>Hibiscus newhousei</u>	Do	Do	Do	E		N/A
<u>Hibiscus roeatae</u>	Do	Do	Do	E		N/A
<u>Hibiscus saint-johnianus</u>	Do	Do	Do	E		N/A
<u>Hibiscus waimeae</u>	Do	Do	Do	E		N/A
<u>Iliamna remota</u>	(n.c.n.)	Illinois, Indiana, Virginia	Do	E		N/A
* <u>Kokia cookei</u>	Kokio, Cooke's	Hawaii	Do	E		N/A
<u>Kokia drynarioides</u>	Hau-heleula	Do	Do	E		N/A
<u>Kokia kauaiensis</u>	Kokio, (unnamed)	Do	Do	E		N/A
* <u>Kokia lanceolata</u>	Do	Do	Do	E		N/A
<u>Lavatera assurgentiflora</u>	Malva rosa	California	Do	E		N/A
* <u>Malacothamnus abbottii</u>	Bush-mallow, Abbott's	Do	Do	E		N/A
<u>Malacothamnus clementinus</u>	Bush-mallow, San Clemente Island	Do	Do	E		N/A
* <u>Malacothamnus mendocinensis</u>	Bush-mallow, Mendocino	Do	Do	E		N/A

SPECIES		RANGE				
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<u>Malacothamnus palmeri</u> var. <u>involucratus</u>	Bush-mallow, Carmel Valley	California	Entire	E		N/A
<u>Sidalcea campestris</u>	Checker-mallow, Meadow	Oregon	Do	E		N/A
<u>Sidalcea covillei</u>	Checker-mallow, Owens Valley	California	Do	E		N/A
<u>Sidalcea nelsoniana</u>	Checker-mallow, Nelson's	Oregon	Do	E		N/A
<u>Sphaeralcea fendleri</u> var. <u>albescens</u>	Globe-mallow, (unnamed)	Arizona	Do	E		N/A
MARSILEACEAE - Marsilea Family:						
<u>Marsilea villosa</u>	(n.c.n.)	Hawaii	Do	E		N/A
MELASTOMACEAE - Meadowbeauty Family:						
<u>Rhexia parviflora</u>	Meadowbeauty, (unnamed)	Florida, Georgia	Do	E		N/A
MYRSINACEAE - Myrsine Family:						
<u>Myrsine fernseei</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>Myrsine lanaiensis</u> var. <u>oahuensis</u>	Do	Do	Do	E		N/A
<u>Myrsine linearifolia</u> var. <u>linearifolia</u>	Do	Do	Do	E		N/A
<u>Myrsine mezii</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Myrsine st.-johnii</u>	Do	Do	Do	E		N/A
MYRTACEAE - Myrtle Family:						
* <u>Eugenia molokaiana</u>	Nioi	Do	Do	E		N/A
<u>Metrosideros collina</u> var. <u>newellii</u>	(n.c.n.)	Do	Do	E		N/A
NAJADACEAE - Naiad Family:						
<u>Najas flexilis</u> ssp. <u>caespitosa</u>	Do	Utah	Do	E		N/A
NYCTAGINACEAE - Four-o'clock Family:						
<u>Abronia alpina</u>	Sand-verbena, Alpine	California	Do	E		N/A
<u>Allionia cristata</u>	(n.c.n.)	Arizona	Do	E		N/A
<u>Hemidium alipes</u> var. <u>pallidum</u>	Do	Utah	Do	E		N/A
<u>Mirabilis macfarlanei</u>	Four-o'clock, MacFarlane's	Oregon, Idaho	Do	E		N/A
OLEACEAE - Olive Family:						
<u>Forestiera segregata</u> var. <u>pinetorum</u>	Do	Florida	Do	E		N/A
<u>Fraxinus gooddingii</u>	Ash, Goodding's	Arizona; Mexico	Do	E		N/A
ONAGRACEAE - Evening-primrose Family:						

SPECIES		RANGE				
Scientific Name	Common Name	Known Range	Portion of Range Where Threatened or Endangered	Status	When Listed	Special Rules
<u>Camissonia megalantha</u>	(n.c.n.)	Nevada, Utah	Entire	E		N/A
<u>Camissonia nevadensis</u>	Do	Nevada	Do	E		N/A
<u>Camissonia specuicola</u>	Do	Arizona	Do	E		N/A
<u>ssp. specuicola</u>						
<u>Clarkia franciscana</u>	Do	California	Do	E		N/A
<u>Clarkia imbricata</u>	Do	Do	Do	E		N/A
<u>Epilobium nivium</u>	Willowherb, Snow Mountain	Do	Do	E		N/A
<u>Gaura neomexicana</u>	(n.c.n.)	Wyoming, Colorado	Do	E		N/A
<u>ssp. coloradensis</u>						
<u>Oenothera avita</u>	Evening-primrose, Eureka Valley	California	Do	E		N/A
<u>ssp. eurekaensis</u>						
<u>Oenothera deltoidea</u>	Evening-primrose,	Do	Do	E		N/A
<u>ssp. howellii</u>	Antioch Dunes					
<u>Oenothera psammophila</u>	Evening-primrose, (unnamed)	Idaho	Do	E		N/A
OPHIOGLOSSACEAE - Adder's-tongue Family:						
* <u>Botrychium subbifoliatum</u>	Grapefern, (unnamed)	Hawaii	Do	E		N/A
<u>Ophioglossum concinnum</u>	Adder's tongue, (unnamed)	Do	Do	E		N/A
ORCHIDACEAE - Orchid Family:						
<u>Isotria medeoloides</u>	Pogonia, small whorled	Rhode Island, Vermont, Massachusetts, New York, Connecticut, Pennsylvania, Virginia, Illinois, New Jersey, North Carolina, Michigan, Maine, New Hampshire	Do	E		N/A
<u>Platanthera unalascensis</u>	Rein-orchid, Alaska (unnamed)	California, Oregon, Washington; Canada	Entire	E		N/A
<u>ssp. maritima</u>						
<u>Spiranthes lanceolata</u>	Ladies'-tresses, (unnamed)	Florida	Do	E		N/A
<u>var. paludicola</u>						
<u>Spiranthes parksii</u>	Ladies'-tresses, Navasot	Texas	Do	E		N/A
<u>Triphora craighedii</u>	Nodding-caps, (unnamed)	Florida	Do	E		N/A
<u>Triphora latifolia</u>	Do	Do	Do	E		N/A
OROBANCHACEAE - Broomrape Family:						
* <u>Orobanche valida</u>	Broomrape, Rock Creek	California	Do	E		N/A
PAPAVERACEAE - Poppy Family:						
<u>Arctomecon humilis</u>	Desert-poppy, (unnamed)	Arizona, Utah	Do	E		N/A
<u>Argemone glauca</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>var. inermis</u>						
<u>Argemone pleiacantha</u>	Prickly-poppy (unnamed)	New Mexico	Do	E		N/A
<u>ssp. pinnatisecta</u>						
PIPERACEAE - Pepper Family:						
<u>Peperomia cornifolia</u>	Kupalii, (unnamed)	Hawaii	Do	E		N/A
<u>Peperomia degeneri</u>	Do	Do	Do	E		N/A
<u>Peperomia fauriei</u>	Do	Do	Do	E		N/A
<u>Peperomia forbesii</u>	Do	Do	Do	E		N/A
<u>Peperomia kulensis</u>	Do	Do	Do	E		N/A
<u>Peperomia maunakeana</u>	Do	Do	Do	E		N/A
<u>Peperomia oahuensis</u>	Do	Do	Do	E		N/A
<u>var. st.-johnii</u>						
<u>Peperomia treleasei</u>	Do	Do	Do	E		N/A
PITTOSPORACEAE - Pittosporum Family:						

SPECIES		RANGE				
Scientific Name	Common Name	Known Range	Portion of Range Where Threatened or Endangered	Status	When Listed	Special Rules
<u>Pittosporum acuminatum</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>leptopodum</u>						
<u>Pittosporum acuminatum</u>	Do	Do	Do	E		N/A
var. <u>magnifolium</u>						
<u>Pittosporum acuminatum</u>	Do	Do	Do	E		N/A
var. <u>waimeanum</u>						
<u>Pittosporum argentifolium</u>	Do	Do	Do	E		N/A
var. <u>sessile</u>						
* <u>Pittosporum cauliflorum</u>	Do	Do	Do	E		N/A
var. <u>cauliflorum</u>						
<u>Pittosporum cauliflorum</u>	Do	Do	Do	E		N/A
var. <u>cladanthoides</u>						
<u>Pittosporum cauliflorum</u>	Do	Do	Do	E		N/A
var. <u>pedicellatum</u>						
* <u>Pittosporum glabrum</u>	Do	Do	Do	E		N/A
var. <u>glomeratum</u>						
<u>Pittosporum glabrum</u>	Do	Do	Do	E		N/A
var. <u>intermedium</u>						
<u>Pittosporum helleri</u>	Do	Do	Do	E		N/A
<u>Pittosporum hosmeri</u>	Do	Do	Do	E		N/A
var. <u>hosmeri</u>						
* <u>Pittosporum hosmeri</u>	Do	Do	Do	E		N/A
var. <u>st.-johnii</u>						
<u>Pittosporum insigne</u>	Do	Do	Do	E		N/A
var. <u>micranthum</u>						
* <u>Pittosporum kauaiense</u>	Do	Do	Do	E		N/A
var. <u>repens</u>						
<u>Pittosporum terminalioides</u>	Do	Do	Do	E		N/A
var. <u>lanaiense</u>						
<u>Pittosporum terminalioides</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>mauiense</u>						

PLANTAGINACEAE - Plantain Family:

<u>Plantago cordata</u>	Plantain, heart-leaf	Georgia, Illinois, Missouri, New York, North Carolina, Ohio	Do	E		N/A
<u>Plantago princeps</u>	(n.c.n.)	Hawaii	Do	E		N/A
var. <u>elata</u>						
<u>Plantago princeps</u>	Do	Do	Do	E		N/A
var. <u>laxifolia</u>						
<u>Plantago princeps</u>	Do	Do	Do	E		N/A
var. <u>princeps</u>						

PLUMBAGINACEAE - Leadwort Family:

<u>Limonium carolinianum</u>	Sea-lavender, (unnamed)	Florida	Do	E		N/A
var. <u>angustifolium</u>						

POACEAE - Grass Family:

<u>Agrostis blasdalei</u>	Bent grass, Marin	California	Do	E		N/A
var. <u>marinensis</u>						
<u>Andropogon arctatus</u>	Beard grass, (unnamed)	Florida, Alabama	Do	E		N/A
<u>Aristida floridana</u>	Triple-awned grass, (unnamed)	Florida	Do	E		N/A
<u>Calamagrostis inexpansa</u>	Reed bent grass, (unnamed)	Maine, Vermont, New Hampshire	Do	E		N/A
var. <u>novae-angliae</u>						
<u>Calamagrostis insperata</u>	Do	Ohio, Missouri	Do	E		N/A
<u>Calamagrostis perplexa</u>	Do	New York	Do	E		N/A
<u>Calamovilfa arcuata</u>	Sand grass, (unnamed)	Tennessee, Oklahoma	Do	E		N/A
<u>Calamovilfa curtissii</u>	Do	Florida	Do	E		N/A

PROPOSED RULES

SPECIES		RANGE				
Scientific Name	Common Name	Known Range	Portion of Range Where Threatened or Endangered	Status	When Listed	Special Rules
<u>Cenchrus agrimonioides</u>	Sandbur, agrimony	Hawaii	Entire	E		N/A
var. <u>agrimonioides</u>						
<u>Cenchrus agrimonioides</u>	Sandbur, Laysan agrimony	Do	Do	E		N/A
var. <u>laysanensis</u>						
<u>Cenchrus pedunculatus</u>	Sandbur, wooly Maianae	Do	Do	E		N/A
<u>Digitaria pauciflora</u>	Finger grass, (unnamed)	Florida	Do	E		N/A
* <u>Dissanthelium californicum</u>	(n.c.n.)	California; Mexico	Do	E		N/A
<u>Dissochondrus biflorus</u>	Do	Hawaii	Do	E		N/A
<u>Eragrostis fosbergii</u>	Lovegrass, Fosberg's	Do	Do	E		N/A
<u>Eragrostis mauiensis</u>	Lovegrass, Maui	Do	Do	E		N/A
* <u>Eragrostis paupera</u>	Lovegrass, (unnamed)	Do	Do	E		N/A
<u>Festuca dasyclada</u>	Fescue, (unnamed)	Utah, Colorado	Do	E		N/A
<u>Glyceria nubigena</u>	Manna grass, Smoky Mts.	North Carolina, Tennessee	Do	E		N/A
<u>Ischaemum bryone</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>Muhlenbergia villosa</u>	Muhly, (unnamed)	Texas	Do	E		N/A
<u>Neostaphia colusana</u>	Grass, Colusa	California	Do	E		N/A
<u>Orcuttia californica</u>	(n.c.n.)	California; Mexico	Do	E		N/A
var. <u>californica</u>						
<u>Orcuttia californica</u>	Do	California	Do	E		N/A
var. <u>inaequalis</u>						
<u>Orcuttia californica</u>	Do	Do	Do	E		N/A
var. <u>viscida</u>						
<u>Orcuttia mucronata</u>	Do	Do	Do	E		N/A
<u>Orcuttia pilosa</u>	Do	Do	Do	E		N/A
<u>Orcuttia tenuis</u>	Do	Do	Do	E		N/A
<u>Panicum alakaiense</u>	Panic grass, (unnamed)	Hawaii	Do	E		N/A
* <u>Panicum carteri</u>	Do	Do	Do	E		N/A
<u>Panicum fauriei</u>	Panic grass, Faurie's	Do	Do	E		N/A
<u>Panicum hirstii</u>	Panic grass, (unnamed)	Georgia, New Jersey	Entire	E		N/A
<u>Panicum iamiatile</u>	Do	Hawaii	Do	E		N/A
<u>Panicum lustriale</u>	Do	Do	Do	E		N/A
<u>Panicum mundum</u>	Do	Virginia, North Carolina	Do	E		N/A
* <u>Panicum shastense</u>	Panic grass, Shasta	California	Do	E		N/A
<u>Pleuropogon hooverianus</u>	Semaphore grass, Hoover's	Do	Do	E		N/A
* <u>Pleuropogon oregonus</u>	Semaphore grass, Oregon	Oregon	Do	E		N/A
<u>Poa atropurpurea</u>	Blue grass, San Bernadino	California	Do	E		N/A
<u>Poa fibrata</u>	Blue grass, Lassen County	Do	Do	E		N/A
<u>Poa involuta</u>	Blue grass, Big Bend	Texas	Do	E		N/A
<u>Poa napensis</u>	Blue grass, Napa	California	Do	E		N/A
<u>Poa pachypholis</u>	Blue grass, Sea Cliff	Washington	Do	E		N/A
<u>Poa sandvicensis</u>	Blue grass, Hawaiian	Hawaii	Do	E		N/A
<u>Schizachyrium rhizomatum</u>	(n.c.n.)	Florida	Do	E		N/A
<u>Sporobolus patens</u>	Dropseed, (unnamed)	Arizona	Do	E		N/A
<u>Stipa lemmonii</u>	Spear grass, Crampton	California	Do	E		N/A
var. <u>pubescens</u>						
<u>Swallenia alexandrae</u>	Grass, Eureka dune	Do	Do	E		N/A
<u>Tripsacum floridanum</u>	Gamma grass, (unnamed)	Florida	Do	E		N/A
* <u>Trisetum orthochaetum</u>	(n.c.n.)	Montana	Do	E		N/A
<u>Zizania texana</u>	Wild rice, Texas	Texas	Do	E		N/A

POLEMONIACEAE - Phlox Family:

<u>Collomia macrocalyx</u>	(n.c.n.)	Oregon	Do	E		N/A
<u>Gilia caespitosa</u>	Do	Utah	Do	E		N/A
<u>Leptodactylon hazelae</u>	Do	Oregon	Do	E		N/A
<u>Navarretia pauciflora</u>	Do	California	Do	E		N/A
<u>Navarretia plicantha</u>	Do	Do	Do	E		N/A
<u>Navarretia setiloba</u>	Do	Do	Do	E		N/A
<u>Phlox idahonis</u>	Phlox, Clearwater	Idaho	Do	E		N/A
<u>Phlox missoulensis</u>	Phlox, (unnamed)	Montana	Do	E		N/A
<u>Phlox nivalis</u>	Do	Texas	Do	E		N/A
ssp. <u>texensis</u>						

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<u>Phlox pulchra</u>	Phlox, (unnamed)	Alabama	Entire	E		N/A
<u>Polemonium occidentale</u> var. <u>lacustre</u>	Jacob's ladder, (unnamed)	Minnesota	Do	E		N/A
<u>Polemonium pauciflorum</u> ssp. <u>hinckleyi</u>	Do	Texas	Do	E		N/A
POLYGALACEAE - Milkwort Family:						
<u>Polygala lewtonii</u>	(n.c.n.)	Florida	Do	E		N/A
<u>Polygala maravillasensis</u>	Do	Texas	Do	E		N/A
<u>Polygala rimulicola</u>	Do	Texas, New Mexico	Do	E		N/A
POLYGONACEAE - Buckwheat Family:						
<u>Chorizanthe leptoceras</u>	Spineflower, Slender-horned	California	Do	E		N/A
<u>Chorizanthe orcuttiana</u>	Spineflower, Orcutt's	Do	Do	E		N/A
<u>Chorizanthe spinosa</u>	Spineflower, Mojave	Do	Do	E		N/A
* <u>Chorizanthe valida</u>	Spineflower, Sonoma	Do	Do	E		N/A
<u>Eriogonum alpinum</u>	Wild buckwheat, Trinity	Do	Do	E		N/A
<u>Eriogonum ammophilum</u>	Wild buckwheat, (unnamed)	Utah	Do	E		N/A
<u>Eriogonum anemophilum</u>	Do	Nevada	Do	E		N/A
<u>Eriogonum apricum</u> var. <u>apricum</u>	Wild buckwheat, Ione	California	Do	E		N/A
<u>Eriogonum apricum</u> var. <u>prostratum</u>	Wild buckwheat, Irish Hill	Do	Do	E		N/A
<u>Eriogonum aretioides</u>	Wild buckwheat, (unnamed)	Utah	Entire	E		N/A
<u>Eriogonum argophyllum</u>	Do	Nevada	Do	E		N/A
<u>Eriogonum breedlovei</u>	Wild buckwheat, Piute	California	Do	E		N/A
<u>Eriogonum butterworthianum</u>	Wild buckwheat, Butterworth's	Do	Do	E		N/A
<u>Eriogonum capillare</u>	Wild buckwheat, (unnamed)	Arizona	Do	E		N/A
<u>Eriogonum chrysops</u>	Wild buckwheat, golden	Oregon	Do	E		N/A
<u>Eriogonum corymbosum</u> var. <u>dauidsei</u>	Wild buckwheat, Corymbed	Utah	Do	E		N/A
<u>Eriogonum crocatum</u>	Wild buckwheat, (unnamed)	California	Do	E		N/A
<u>Eriogonum cronquistii</u>	Do	Utah	Do	E		N/A
<u>Eriogonum darrovii</u>	Do	Arizona, Nevada	Do	E		N/A
<u>Eriogonum ephedroides</u>	Do	Utah, Colorado	Do	E		N/A
<u>Eriogonum ericifolium</u> var. <u>ericifolium</u>	Do	Arizona	Do	E		N/A
<u>Eriogonum ericifolium</u> var. <u>thornei</u>	Wild buckwheat, Thorne's	California	Do	E		N/A
<u>Eriogonum flavum</u> var. <u>aquilinum</u>	Wild buckwheat, (unnamed)	Alaska	Do	E		N/A
<u>Eriogonum giganteum</u> var. <u>compactum</u>	Giant buckwheat, Santa Barbara Island	California	Do	E		N/A
<u>Eriogonum gilmanii</u>	Wild buckwheat, Gilman's	Do	Do	E		N/A
<u>Eriogonum grande</u> var. <u>timorum</u>	Wild buckwheat, San Nicolas Island	Do	Do	E		N/A
<u>Eriogonum gypsophilum</u>	Wild buckwheat, (unnamed)	New Mexico	Do	E		N/A
<u>Eriogonum hirtellum</u>	Wild buckwheat, Klamath Mountain	California	Do	E		N/A
<u>Eriogonum humivagans</u>	Wild buckwheat, (unnamed)	Utah	Do	E		N/A
<u>Eriogonum hylophilum</u>	Do	Do	Do	E		N/A
<u>Eriogonum intermontanum</u>	Do	Do	Do	E		N/A
<u>Eriogonum intrafractum</u>	Wild buckwheat, jointed	California	Do	E		N/A
<u>Eriogonum kennedyi</u> var. <u>pinicola</u>	Wild buckwheat, Kern	Do	Do	E		N/A
<u>Eriogonum lancifolium</u>	Wild buckwheat, (unnamed)	Utah	Do	E		N/A
<u>Eriogonum lemmonii</u>	Do	Nevada	Do	E		N/A
<u>Eriogonum loganum</u>	Do	Utah	Do	E		N/A
<u>Eriogonum longifolium</u> var. <u>harperi</u>	Do	Alabama, Tennessee	Do	E		N/A
<u>Eriogonum microthecum</u> var. <u>johnstonii</u>	Buckwheat brush, Johnston's	California	Do	E		N/A

SPECIES		RANGE				
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<u>Eriogonum mortonianum</u>	Wild buckwheat, (unnamed)	Arizona	Entire	E		N/A
<u>Eriogonum nealleyi</u>	Do	Texas	Do	E		N/A
<u>Eriogonum nudum</u>	Wild buckwheat, Mouse	California	Do	E		N/A
var. <u>murinum</u>						
<u>Eriogonum parvifolium</u>	Wild buckwheat, Point Lobos	Do	Do	E		N/A
var. <u>lucidum</u>						
<u>Eriogonum pelinophilum</u>	Wild buckwheat, (unnamed)	Colorado	Do	E		N/A
<u>Eriogonum suffruticosum</u>	Do	Texas	Do	E		N/A
<u>Eriogonum thompsonae</u>	Do	Arizona	Do	E		N/A
var. <u>atwoodii</u>						
<u>Eriogonum umbellatum</u>	Wild buckwheat, alpine sulfur-flowered	California	Do	E		N/A
var. <u>minus</u>						
<u>Eriogonum umbellatum</u>	Wild buckwheat, Torrey's sulfur-flowered	Do	Do	E		N/A
var. <u>torreyanum</u>						
<u>Eriogonum viscidulum</u>	Wild buckwheat, (unnamed)	Nevada	Do	E		N/A
<u>Eriogonum wrightii</u>	Wild buckwheat, Olanche Peak	California	Do	E		N/A
var. <u>olanchense</u>						
<u>Eriogonum zionis</u>	Wild buckwheat, (unnamed)	Arizona	Do	E		N/A
var. <u>coccineum</u>						
<u>Eriogonum zionis</u>	Do	Utah	Do	E		N/A
var. <u>zionis</u>						
<u>Polygonella ciliata</u>	Jointweed, (unnamed)	Florida	Do	E		N/A
var. <u>basiramia</u>						
<u>Polygonella myriophylla</u>	Do	Do	Do	E		N/A
<u>Polygonella parksii</u>	Do	Texas	Do	E		N/A
* <u>Polygonum montereyense</u>	Knotweed, Monterey	California	Do	E		N/A
<u>Polygonum pennsylvanicum</u>	Pinkweed, (unnamed)	Ohio	Do	E		N/A
var. <u>eglandulosum</u>						
<u>Polygonum texense</u>	Knotweed, (unnamed)	Texas	Do	E		N/A
<u>Rumex orthoneurus</u>	Dock, (unnamed)	Arizona	Entire	E		N/A

POLYPODIACEAE - Fern Family:

<u>Adenophorus periens</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>Asplenium fragile</u>	Do	Do	Do	E		N/A
var. <u>insularis</u>						
* <u>Asplenium leucostegioides</u>	Do	Do	Do	E		N/A
* <u>Ctenitis squamigera</u>	Do	Do	Do	E		N/A
<u>Diellia erecta</u>	Do	Do	Do	E		N/A
<u>Diella falcata</u>	Do	Do	Do	E		N/A
* <u>Diellia mannii</u>	Do	Do	Do	E		N/A
<u>Diplazium molokaiense</u>	Do	Do	Do	E		N/A
<u>Grammitis nimbata</u>	Do	North Carolina	Do	E		N/A
<u>Phyllitis scolopendrium</u>	Hart's tongue fern,	Michigan, New York,	Do	E		N/A
var. <u>americana</u>	American	Tennessee; Canada				
<u>Polystichum aleuticum</u>	Shield-fern, (unnamed)	Alaska	Do	E		N/A
<u>Pteris lydgatei</u>	(n.c.n.)	Hawaii	Do	E		N/A

PORTULACACEAE - Portulaca Family:

<u>Lewisia maquirei</u>	Do	Nevada	Do	E		N/A
<u>Portulaca hawaiiensis</u>	Do	Hawaii	Do	E		N/A
<u>Portulaca sclerocarpa</u>	Ihi-makole	Do	Do	E		N/A
<u>Talinum appalachianum</u>	(n.c.n.)	Alabama	Do	E		N/A

POTAMOGETONACEAE - Pondweed Family:

<u>Potamogeton clystocarpus</u>	Pondweed, (unnamed)	Texas	Do	E		N/A
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SPECIES		RANGE		Portion of Range Where Threatened or Endangered	Status	When Listed	Special Rules
Scientific Name	Common Name	Known Range					
PRIMULACEAE - Primrose Family:							
<u>Lysimachia hillebrandii</u> var. <u>hillebrandii</u>	Pua-hekii	Hawaii	Entire	E			N/A
<u>Lysimachia kalalauensis</u>	(n.c.n.)	Do	Do	E			N/A
<u>Lysimachia</u> sp. (from Waihoi Valley, Maui)	Do	Do	Do	E			N/A
<u>Primula capillaris</u>	Primrose, (unnamed)	Nevada	Do	E			N/A
<u>Primula cusickiana</u>	Primrose, Wallowa	Idaho, Oregon	Do	E			N/A
<u>Primula nevadensis</u>	Primrose, (unnamed)	Nevada	Do	E			N/A
<u>Steironema laevigatum</u>	Loosestrife, fringed	Oregon	Do	E			N/A
RANUNCULACEAE - Buttercup Family:							
<u>Aconitum noveboracense</u>	Monkshood, northern wild	Iowa, New York Wisconsin	Do	E			N/A
<u>Aquilegia canadensis</u> var. <u>australis</u>	Wild columbine, (unnamed)	Florida	Do	E			N/A
<u>Aquilegia chaplinei</u>	Do	Texas, New Mexico	Do	E			N/A
<u>Aquilegia hinckleyana</u>	Wild columbine, Hinckky's	Texas	Do	E			N/A
<u>Aquilegia micrantha</u> var. <u>mancosana</u>	Wild columbine, (unnamed)	Colorado	Do	E			N/A
<u>Clematis addisonii</u>	Virgin's bower, (unnamed)	Tennessee, Virginia	Do	E			N/A
<u>Clematis gattingeri</u>	Do	Tennessee	Do	E			N/A
<u>Clematis micrantha</u>	Old-man's beard	Florida	Do	E			N/A
<u>Clematis viticaulis</u>	Virgin's bower, (unnamed)	Virginia	Do	E			N/A
<u>Delphinium bakeri</u>	Larkspur, Baker's	California	Do	E			N/A
<u>Delphinium kinkiense</u>	Larkspur, San Clemente Island	Do	Do	E			N/A
<u>Delphinium luteum</u>	Larkspur, yellow	California	Entire	E			N/A
* <u>Ranunculus acriformis</u> var. <u>aestivalis</u>	Buttercup, Sharp	Utah	Do	E			N/A
<u>Ranunculus fascicularis</u> var. <u>cuneiformis</u>	Crowfoot, Kerr	Texas	Do	E			N/A
<u>Ranunculus inamoenus</u> var. <u>subaffinis</u>	Buttercup, (unnamed)	Arizona	Do	E			N/A
<u>Thalictrum cooleyi</u>	Meadowrue, Cooley's	North Carolina	Do	E			N/A
<u>Trollius laxus</u>	Globeflower, spreading	Connecticut, New York, Pennsylvania, Delaware, Ohio, New Hampshire, Maine, New Jersey	Do	E			N/A
RHAMNACEAE - Coffeeberry Family:							
<u>Alphitonia ponderosa</u>	Kauilatree, Hawaiian	Hawaii	Do	E			N/A
<u>Ceanothus ferrisiae</u>	California-lilac, Coyote	California	Do	E			N/A
<u>Ceanothus hearstiorum</u>	California-lilac, Hearst's	Do	Do	E			N/A
<u>Ceanothus maritimus</u>	California-lilac, Maritime	Do	Do	E			N/A
<u>Ceanothus masonii</u>	California-lilac, Mason's	Do	Do	E			N/A
<u>Colubrina oppositifolia</u>	Kauila	Hawaii	Do	E			N/A
<u>Colubrina stricta</u>	Snakewood, Comal	Texas	Do	E			N/A
<u>Condalia hookeri</u> var. <u>edwardsiana</u>	Brasil, Edwards'	Do	Do	E			N/A
* <u>Gouania bishoppii</u>	(n.c.n.)	Hawaii	Do	E			N/A
* <u>Gouania cucullata</u>	Do	Do	Do	E			N/A
<u>Gouania fauriei</u>	Do	Do	Do	E			N/A
<u>Gouania gagnei</u>	Do	Do	Do	E			N/A
* <u>Gouania hawaiiensis</u>	Do	Do	Do	E			N/A
<u>Gouania hillebrandii</u>	Do	Do	Do	E			N/A
* <u>Gouania lydgatei</u>	Do	Do	Do	E			N/A
* <u>Gouania mannii</u>	Do	Do	Do	E			N/A
* <u>Gouania meyenii</u>	Do	Do	Do	E			N/A
* <u>Gouania oliveri</u>	Do	Do	Do	E			N/A
* <u>Gouania pilata</u>	Do	Do	Do	E			N/A
* <u>Gouania remyi</u>	Do	Do	Do	E			N/A
* <u>Gouania sandwichiana</u>	Do	Do	Do	E			N/A

SPECIES		RANGE				
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<u>*Gouania thizophila</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>*Gouania vitifolia</u>	Do	Do	Do	E		N/A
ROSACEAE - Rose Family:						
<u>Acaena exigua</u>	Do	Do	Do	E		N/A
var. <u>glaberrima</u>						
<u>Cercocarpus traskiae</u>	Mountain mahogany, Catalina	California	Do	E		N/A
<u>Cowania subintegra</u>	Cliff-rose, (unnamed)	Arizona	Do	E		N/A
<u>Crataegus harbinsonii</u>	Haw, (unnamed)	Alabama, Georgia, Tennessee	Do	E		N/A
<u>Geum geniculatum</u>	Avens, bent	North Carolina, Tennessee	Do	E		N/A
<u>Geum peckii</u>	Avens, mountain	New Hampshire; Canada	Do	E		N/A
<u>Geum radiatum</u>	Avens, spreading	North Carolina, Tennessee	Do	E		N/A
<u>Horkelia wilderae</u>	(n.c.n.)	California	Do	E		N/A
<u>Ivesia callida</u>	Do	Do	Do	E		N/A
<u>Ivesia cryptocaulis</u>	Do	Nevada	Do	E		N/A
<u>Ivesia eremica</u>	Do	Do	Do	E		N/A
<u>Petrophytum cinerascens</u>	Rockmat, Chelan	Washington	Do	E		N/A
<u>Potentilla hickmanii</u>	Cinquefoil, Hickman's	California	Do	E		N/A
<u>*Potentilla multijuga</u>	Cinquefoil, Ballona	Do	Do	E		N/A
<u>Potentilla robbinsiana</u>	Cinquefoil Robbins'	New Hampshire	Do	E		N/A
<u>Prunus geniculata</u>	Plum, Scrub	Florida	Do	E		N/A
<u>Prunus gravesii</u>	Plum, Graves' beach	Connecticut	Do	E		N/A
<u>Rubus duplaris</u>	Dewberry, (unnamed)	Texas	Do	E		N/A
RUBIACEAE - Madder Family:						
<u>Bobea sandwicensis</u>	Ahakea	Hawaii	Entire	E		N/A
<u>Bobea timonioides</u>	(n.c.n.)	Do	Do	E		N/A
<u>Coprosma faurei</u>	Do	Do	Do	E		N/A
var. <u>lanaiensis</u>						
<u>Coprosma montana</u>	Do	Do	Do	E		N/A
var. <u>orbicularis</u>						
<u>Coprosma ochracea</u>	Do	Do	Do	E		N/A
var. <u>kaalae</u>						
<u>Coprosma pubens</u>	Do	Do	Do	E		N/A
var. <u>sessiliflora</u>						
<u>Coprosma serrata</u>	Do	Do	Do	E		N/A
<u>Galium angustifolium</u>	Bedstraw, (unnamed)	California	Do	E		N/A
ssp. <u>borregoense</u>						
<u>Galium californicum</u>	Do	Do	Do	E		N/A
ssp. <u>luciense</u>						
<u>Galium californicum</u>	Do	Do	Do	E		N/A
ssp. <u>primum</u>						
<u>Galium californicum</u>	Bedstraw, El Dorado	Do	Do	E		N/A
ssp. <u>sierrae</u>						
<u>Galium catalinense</u>	Bedstraw, San Clemente Island	Do	Do	E		N/A
ssp. <u>acrispum</u>						
<u>Galium collomae</u>	Bedstraw, (unnamed)	Arizona	Do	E		N/A
<u>Galium glabrescens</u>	Bedstraw, Modoc	California	Do	E		N/A
ssp. <u>modocense</u>						
<u>Galium grande</u>	Bedstraw, (unnamed)	Do	Do	E		N/A
<u>Galium hardhamae</u>	Bedstraw, Hardham's	Do	Do	E		N/A
<u>Galium hilendiae</u>	Bedstraw, Kingston	Do	Do	E		N/A
ssp. <u>kingstonense</u>						
<u>Galium serpenticum</u>	Bedstraw, (unnamed)	Do	Do	E		N/A
ssp. <u>scotticum</u>						
<u>Gardenia brighamii</u>	Nanu	Hawaii	Do	E		N/A
<u>Gouldia terminalis</u>	(n.c.n.)	Do	Do	E		N/A
var. <u>bobeoides</u>						
<u>Gouldia terminalis</u>	Do	Do	Do	E		N/A
var. <u>congesta</u>						
<u>Gouldia terminalis</u>	Do	Do	Do	E		N/A
var. <u>crassicaulis</u>						

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<u>Gouldia terminalis</u> var. <u>degeneri</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Gouldia terminalis</u> var. <u>lanai</u>	Do	Do	Do	E		N/A
<u>Gouldia terminalis</u> var. <u>pseudodichotoma</u>	Do	Do	Do	E		N/A
<u>Gouldia terminalis</u> var. <u>pubescens</u>	Do	Do	Do	E		N/A
<u>Gouldia terminalis</u> var. <u>quadrangularis</u>	Do	Do	Do	E		N/A
<u>Gouldia terminalis</u> var. <u>rotundifolia</u>	Do	Do	Do	E		N/A
<u>Gouldia terminalis</u> var. <u>subcordata</u>	Do	Do	Do	E		N/A
* <u>Hedyotis angusta</u> var. <u>angusta</u>	Do	Do	Do	E		N/A
<u>Hedyotis angusta</u> var. <u>umbrosa</u>	Do	Do	Do	E		N/A
* <u>Hedyotis cookiana</u>	Do	Do	Do	E		N/A
* <u>Hedyotis coriacea</u>	Kioele	Do	Do	E		N/A
<u>Hedyotis degeneri</u> var. <u>coprosmaifolia</u>	(n.c.n.)	Do	Do	E		N/A
<u>Hedyotis degeneri</u> var. <u>degeneri</u>	Do	Do	Do	E		N/A
<u>Hedyotis elatior</u> var. <u>herbacea</u>	Do	Do	Do	E		N/A
* <u>Hedyotis foliosa</u>	Do	Do	Do	E		N/A
<u>Hedyotis littoralis</u>	Do	Do	Do	E		N/A
* <u>Hedyotis mannii</u> var. <u>scaposa</u>	Do	Do	Do	E		N/A
<u>Hedyotis parvula</u>	(n.c.n.)	Hawaii	Entire	E		N/A
* <u>Hedyotis schlechtendahliana</u> var. <u>muttalli</u>	Do	Do	Do	E		N/A
<u>Hedyotis schlechtendahliana</u> var. <u>plana</u>	Do	Do	Do	E		N/A
<u>Hedyotis schlechtendahliana</u> var. <u>reticulata</u>	Do	Do	Do	E		N/A
<u>Hedyotis st.-johnii</u>	Do	Do	Do	E		N/A
* <u>Hedyotis thyrsoidea</u> var. <u>hillebrandii</u>	Do	Do	Do	E		N/A
<u>Hedyotis thyrsoidea</u> var. <u>thyrsoidea</u>	Do	Do	Do	E		N/A
<u>Houstonia nigricans</u> var. <u>pulvinata</u>	Diamondflowers, (unnamed)	Florida	Do	E		N/A
<u>Morinda sandwicensis</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>Psychotria grandiflora</u>	Do	Do	Do	E		N/A
* <u>Psychotria insularum</u> var. <u>paradisii</u>	Do	Do	Do	E		N/A
RUTACEAE - Citrus Family:						
<u>Pelea anisata</u> var. <u>haupuana</u>	Do	Do	Do	E		N/A
<u>Pelea balloui</u>	Do	Do	Do	E		N/A
<u>Pelea christophersenii</u>	Do	Do	Do	E		N/A
<u>Pelea cinerea</u> var. <u>cinerea</u>	Do	Do	Do	E		N/A
* <u>Pelea cinerea</u> var. <u>mauiana</u>	Do	Do	Do	E		N/A
<u>Pelea cinerea</u> var. <u>skottsbergii</u>	Do	Do	Do	E		N/A
<u>Pelea cinereops</u>	Do	Do	Do	E		N/A
<u>Pelea clusiifolia</u> var. <u>pickeringii</u>	Do	Do	Do	E		N/A
<u>Pelea degeneri</u>	Do	Do	Do	E		N/A
<u>Pelea descendens</u>	Do	Do	Do	E		N/A
* <u>Pelea elliptica</u> var. <u>mauiensis</u>	Do	Do	Do	E		N/A

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<u>Pelea glabra</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Pelea grandifolia</u>	Do	Do	Do	E		N/A
var. <u>lianooides</u>						
<u>Pelea grandifolia</u>	Do	Do	Do	E		N/A
var. <u>montana</u>						
<u>Pelea grandifolia</u>	Do	Do	Do	E		N/A
var. <u>terminalis</u>						
<u>Pelea haupuensis</u>	Do	Do	Do	E		N/A
<u>Pelea hawaiiensis</u>	Do	Do	Do	E		N/A
var. <u>brighamii</u>						
<u>Pelea hawaiiensis</u>	Do	Do	Do	E		N/A
var. <u>hawaiiensis</u>						
* <u>Pelea hawaiiensis</u>	Do	Do	Do	E		N/A
var. <u>molokaiana</u>						
* <u>Pelea hawaiiensis</u>	Do	Do	Do	E		N/A
var. <u>pilosa</u>						
* <u>Pelea hawaiiensis</u>	Do	Do	Do	E		N/A
var. <u>racemiflora</u>						
* <u>Pelea hawaiiensis</u>	Do	Do	Do	E		N/A
var. <u>remyana</u>						
<u>Pelea hawaiiensis</u>	Do	Do	Do	E		N/A
var. <u>rubra</u>						
<u>Pelea hawaiiensis</u>	Do	Do	Do	E		N/A
var. <u>sulfurea</u>						
<u>Pelea hiikae</u>	Do	Do	Do	E		N/A
<u>Pelea hosakae</u>	Do	Do	Do	E		N/A
<u>Pelea kauaensis</u>	Do	Do	Do	E		N/A
<u>Pelea kawaiensis</u>	Do	Do	Do	E		N/A
* <u>Pelea knudsenii</u>	Do	Do	Do	E		N/A
<u>Pelea lakae</u>	Do	Do	Do	E		N/A
<u>Pelea lanceolata</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Pelea leveillei</u>	Do	Do	Do	E		N/A
<u>Pelea lydgatei</u>	Do	Do	Do	E		N/A
* <u>Pelea macropus</u>	Do	Do	Do	E		N/A
<u>Pelea makahae</u>	Do	Do	Do	E		N/A
* <u>Pelea mucronulata</u>	Do	Do	Do	E		N/A
<u>Pelea multiflora</u>	Do	Do	Do	E		N/A
* <u>Pelea mumoi</u>	Do	Do	Do	E		N/A
<u>Pelea nealae</u>	Do	Do	Do	E		N/A
<u>Pelea oblongifolia</u>	Do	Do	Do	E		N/A
var. <u>manukaensis</u>						
<u>Pelea oblongifolia</u>	Do	Do	Do	E		N/A
var. <u>oblongifolia</u>						
* <u>Pelea obovata</u>	Do	Do	Do	E		N/A
<u>Pelea olowaluensis</u>	Do	Do	Do	E		N/A
<u>Pelea orbicularis</u>	Do	Do	Do	E		N/A
var. <u>orbicularis</u>						
<u>Pelea orbicularis</u>	Do	Do	Do	E		N/A
var. <u>tonsa</u>						
<u>Pelea ovalis</u>	Do	Do	Do	E		N/A
<u>Pelea ovata</u>	Do	Do	Do	E		N/A
<u>Pelea pallida</u>	Do	Do	Do	E		N/A
<u>Pelea paniculata</u>	Do	Do	Do	E		N/A
<u>Pelea parvifolia</u>	Do	Do	Do	E		N/A
var. <u>spoda</u>						
<u>Pelea parvifolia</u>	Do	Do	Do	E		N/A
var. <u>sessilis</u>						
<u>Pelea peduncularis</u>	Do	Do	Do	E		N/A
var. <u>cordata</u>						
<u>Pelea peduncularis</u>	Do	Do	Do	E		N/A
var. <u>niuensis</u>						
<u>Pelea peduncularis</u>	Do	Do	Do	E		N/A
var. <u>nummularia</u>						
<u>Pelea pluvialis</u>	Do	Do	Do	E		N/A
<u>Pelea quadrangularis</u>	Do	Do	Do	E		N/A
<u>Pelea recurvata</u>	Do	Do	Do	E		N/A
<u>Pelea reflexa</u>	Do	Do	Do	E		N/A
<u>Pelea saint-johnii</u>	Do	Do	Do	E		N/A
var. <u>elongata</u>						

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<u>Pelea saint-johnii</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>saint-johnii</u>						
* <u>Pelea sandwicensis</u>	Do	Do	Do	E		N/A
* <u>Pelea storeyana</u>	Do	Do	Do	E		N/A
* <u>Pelea tomentosa</u>	Do	Do	Do	E		N/A
<u>Pelea volcanica</u>	Do	Do	Do	E		N/A
var. <u>kohalae</u>						
<u>Pelea wahiawaensis</u>	Do	Do	Do	E		N/A
* <u>Pelea waimeensis</u>	Do	Do	Do	E		N/A
<u>Pelea zahlbruckneri</u>	Do	Do	Do	E		N/A
<u>Platydesma remyi</u>	Pilokea	Do	Do	E		N/A
<u>Zanthoxylum dipetalum</u>	(n.c.n.)	Do	Do	E		N/A
var. <u>gemicarpum</u>						
<u>Zanthoxylum hawaiiense</u>	Do	Do	Do	E		N/A
var. <u>citriodorum</u>						
<u>Zanthoxylum parvum</u>	Tickle-tongue, Shimmers'	Texas	Do	E		N/A
<u>Zanthoxylum semiarticulatum</u>	(n.c.n.)	Hawaii	Do	E		N/A
var. <u>sessile</u>						
SALICACEAE - Willow Family:						
<u>Populus hinckleyana</u>	Cottonwood, Goat Mt.	Texas	Do	E		N/A
<u>Salix floridana</u>	Willow, Florida	Florida, Georgia	Do	E		N/A
SANTALACEAE - Sandalwood Family:						
<u>Exocarpus gaudichaudii</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Exocarpus luteolus</u>	Do	Do	Do	E		N/A
<u>Santalum ellipticum</u>	Do	Do	Do	E		N/A
var. <u>littorale</u>						
<u>Santalum lanaiense</u>	Do	Do	Do	E		N/A
<u>Santalum salicifolium</u>	Do	Do	Do	E		N/A
SAPINDACEAE - Soapberry Family:						
<u>Alectryon macrococcum</u>	Mahoe, (unnamed)	Do	Do	E		N/A
<u>Alectryon mahoe</u>	Do	Do	Do	E		N/A
<u>Dodonaea eriocarpa</u>	(n.c.n.)	Do	Do	E		N/A
var. <u>confertior</u>						
<u>Dodonaea eriocarpa</u>	Do	Do	Do	E		N/A
var. <u>forbesii</u>						
<u>Dodonaea eriocarpa</u>	Do	Do	Do	E		N/A
var. <u>lanaiensis</u>						
<u>Dodonaea eriocarpa</u>	Do	Do	Do	E		N/A
var. <u>molokaiensis</u>						
<u>Dodonaea eriocarpa</u>	Do	Do	Do	E		N/A
var. <u>oblonga</u>						
<u>Dodonaea eriocarpa</u>	Do	Do	Do	E		N/A
var. <u>pallida</u>						
<u>Dodonaea eriocarpa</u>	Do	Do	Do	E		N/A
var. <u>skottsbergii</u>						
<u>Dodonaea sandwicensis</u>	Do	Do	Do	E		N/A
var. <u>simulans</u>						
<u>Dodonaea stenoptera</u>	Do	Do	Do	E		N/A
var. <u>fauriei</u>						
<u>Dodonaea stenoptera</u>	Do	Do	Do	E		N/A
var. <u>stenoptera</u>						
SAPOTACEAE - Sapote Family:						
<u>Bumelia thornei</u>	Buckthorn, (unnamed)	Georgia	Do	E		N/A

SPECIES		RANGE				
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<u>Pouteria auahiensis</u>	(n.c.n.)	Hawaii	Entire	E		N/A
<u>Pouteria rhynchosperma</u>	Do	Do	Do	E		N/A
SARRACENIACEAE - Pitcherplant Family:						
<u>Sarracenia alabamensis</u>	Pitcherplant, Alabama canebreak	Alabama	Do	E		N/A
<u>Sarracenia oreophila</u>	Pitcherplant, green	Alabama, Georgia, Tennessee	Do	E		N/A
SAXIFRAGACEAE - Saxifrage Family:						
<u>Heuchera missouriensis</u>	Alum root, (unnamed)	Missouri	Do	E		N/A
* <u>Lithophragma maximum</u>	Woodland star, San Clemente Island	California	Do	E		N/A
<u>Parnassia kotzebuei</u> var. <u>pumila</u>	Grass-of-Parnassus, Kotzebue's	Washington	Do	E		N/A
<u>Ribes echinellum</u>	Gooseberry, Florida	Florida, South Carolina	Do	E		N/A
SCHIZAEACEAE - Climbing Fern Family:						
<u>Schizaea germanii</u>	Curly grass fern, (unnamed)	Florida; Cuba; Guadeloupe, French Antilles	Do	E		N/A
SCROPHULARIACEAE - Snapdragon Family:						
* <u>Agalinis (Gerardia) stenophylla</u>	False foxglove, (unnamed)	Florida	Entire	E		N/A
<u>Amphianthus pusillus</u>	(n.c.n.)	Georgia, South Carolina	Do	E		N/A
* <u>Bacopa simulans</u>	Water-hyssop, (unnamed)	Virginia	Do	E		N/A
<u>Bacopa stragula</u>	Do	Do	Do	E		N/A
<u>Castilleja aquariensis</u>	Indian paintbrush, (unnamed)	Utah	Do	E		N/A
<u>Castilleja chlorotica</u>	Indian paintbrush, green-tinged	Oregon	Do	E		N/A
<u>Castilleja christii</u>	Indian paintbrush, (unnamed)	Idaho	Do	E		N/A
<u>Castilleja ciliata</u>	Do	Texas	Do	E		N/A
<u>Castilleja cruenta</u>	Do	Arizona	Do	E		N/A
<u>Castilleja grisea</u>	Indian paintbrush, San Clemente Island	California	Do	E		N/A
* <u>Castilleja leschkeana</u>	Indian paintbrush, (unnamed)	Do	Do	E		N/A
* <u>Castilleja ludoviciana</u>	Do	Louisiana	Do	E		N/A
<u>Castilleja ownbeyana</u>	Indian paintbrush, common	Oregon	Do	E		N/A
<u>Castilleja revealii</u>	Indian paintbrush, (unnamed)	Utah	Do	E		N/A
<u>Castilleja salsuginosa</u>	Do	Nevada	Do	E		N/A
<u>Castilleja uliginosa</u>	Indian paintbrush, Pitkin Marsh	California	Do	E		N/A
<u>Cordylanthus eremicus</u> ssp. <u>bernardinus</u>	Bird's-beak, San Bernadino	Do	Do	E		N/A
<u>Cordylanthus brunneus</u> var. <u>capillaris</u>	Bird's-beak, Pennell	Do	Do	E		N/A
<u>Cordylanthus rigidus</u> ssp. <u>littoralis</u>	Bird's-beak, Seaside	Do	Do	E		N/A
<u>Cordylanthus maritimus</u> ssp. <u>maritimus</u>	Bird's-beak, Salt Marsh	California, Oregon	Do	E		N/A
* <u>Cordylanthus mollis</u> ssp. <u>mollis</u>	Bird's-beak, (unnamed)	California	Do	E		N/A
* <u>Cordylanthus palmatus</u>	Bird's-beak, palmate-bracted	Do	Do	E		N/A

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<u>Cordylanthus nidularius</u>	Birds-on-nest	California	Entire	E		N/A
<u>Cordylanthus tenuis</u>	Bird's-beak, pallid	Do	Do	E		N/A
<u>ssp. pallescens</u>						
<u>Gratiola heterosepala</u>	Hedge-hyssop, Boggs Lake	Do	Do	E		N/A
<u>Limosella pubiflora</u>	Mudwort, (unnamed)	Arizona	Do	E		N/A
<u>Lindernia saxicola</u>	False pimpernel, (unnamed)	Georgia	Do	E		N/A
* <u>Mimulus brandegei</u>	Monkeyflower, Santa Cruz Island	California	Do	E		N/A
<u>Mimulus guttatus</u>	Monkeyflower, (unnamed)	Do	Do	E		N/A
<u>ssp. arenicola</u>						
<u>Mimulus pygmaeus</u>	Monkeyflower, pygmy	Do	Do	E		N/A
<u>Mimulus ringens</u>	Monkeyflower, (unnamed)	Maine; Canada	Do	E		N/A
<u>var. colpophilus</u>						
* <u>Mimulus traskiae</u>	Monkeyflower, Santa Catalina	California	Do	E		N/A
<u>Mimulus whipplei</u>	Monkeyflower, Whipple's	Do	Do	E		N/A
<u>Orthocarpus castillejoideus</u>	Owlclover, Humboldt	Do	Do	E		N/A
<u>var. humboldtiensis</u>						
* <u>Orthocarpus pachystachyus</u>	Owlclover, Shasta	Do	Do	E		N/A
<u>Orthocarpus succulentis</u>	Owlclover, succulent	Do	Do	E		N/A
<u>Pedicularis dudleyi</u>	Lousewort, Dudley's	Do	Do	E		N/A
* <u>Pedicularis furbishiae</u>	Lousewort, Furbish's	Maine; Canada	Do	E		N/A
<u>Penstemon clutei</u>	Beardtongue, (unnamed)	Arizona	Do	E		N/A
<u>Penstemon concinnus</u>	Do	Utah	Do	E		N/A
<u>Penstemon decurvus</u>	Do	Nevada	Do	E		N/A
<u>Penstemon discolor</u>	Do	Arizona	Do	E		N/A
<u>Penstemon glaucinus</u>	Do	Oregon	Do	E		N/A
* <u>Penstemon garrettii</u>	Beardtongue, Garrett's	Utah	Do	E		N/A
<u>Penstemon grahamii</u>	Beardtongue, (unnamed)	Do	Do	E		N/A
<u>Penstemon keckii</u>	Do	Nevada	Do	E		N/A
<u>Penstemon nyeensis</u>	Beardtongue, (unnamed)	Nevada	Entire	E		N/A
<u>Penstemon pahutensis</u>	Do	Do	Do	E		N/A
<u>Penstemon personatus</u>	Beardtongue, closed-lip	California	Do	E		N/A
<u>Penstemon rubicundus</u>	Beardtongue, (unnamed)	Nevada	Do	E		N/A
<u>Penstemon spatulatus</u>	Beardtongue, Wallowa	Oregon	Do	E		N/A
<u>Scrophularia coccineas</u>	Figwort, (unnamed)	New Mexico	Do	E		N/A
* <u>Seymeria harvardii</u>	(n.c.n.)	Texas	Do	E		N/A
* <u>Synthyris missurica</u>	Mountain kittentails, (unnamed)	Oregon	Do	E		N/A
<u>ssp. hirsuta</u>						
<u>Synthyris ranunculina</u>	Kittentails, (unnamed)	Nevada	Do	E		N/A
SOLANACEAE - Nightshade Family:						
* <u>Lycium hassei</u>	Desert-thorn, Santa Catalina	California	Do	E		N/A
* <u>Lycium verrucosum</u>	Desert-thorn, San Nicolas	California; Mexico	Do	E		N/A
<u>Nothoecstrum breviflorum</u>	Aiea, (unnamed)	Hawaii	Do	E		N/A
<u>var. breviflorum</u>						
* <u>Nothoecstrum breviflorum</u>	Do	Do	Do	E		N/A
<u>var. longipes</u>						
<u>Nothoecstrum latifolium</u>	Do	Do	Do	E		N/A
<u>Nothoecstrum longifolium</u>	Do	Do	Do	E		N/A
<u>var. rufipilosum</u>						
<u>Nothoecstrum peltatum</u>	Do	Do	Do	E		N/A
* <u>Nothoecstrum subcordatum</u>	Do	Do	Do	E		N/A
* <u>Solanum bahamense</u>	Nightshade, (unnamed)	Florida	Do	E		N/A
<u>var. rugelii</u>						
* <u>Solanum carolinense</u>	Horsenettle, (unnamed)	Georgia	Do	E		N/A
<u>var. hirsutum</u>						
* <u>Solanum haleakalaense</u>	(n.c.n.)	Hawaii	Do	E		N/A
* <u>Solanum hillebrandii</u>	Do	Do	Do	E		N/A
<u>Solanum incompletum</u>	Do	Do	Do	E		N/A
<u>var. glabratum</u>						
<u>Solanum incompletum</u>	Popolo, thorny	Do	Do	E		N/A
<u>var. incompletum</u>						
<u>Solanum incompletum</u>	(n.c.n.)	Do	Do	E		N/A
<u>var. mauiensis</u>						

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<u>Solanum nelsoni</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>nelsoni</u>						
<u>Solanum nelsoni</u>	Do	Do	Do	E		N/A
var. <u>thomaslaefolium</u>						
<u>Solanum sandwicense</u>	Do	Do	Do	E		N/A
STERCULIACEAE - Chocolate Family:						
<u>Fremontodendron decumbens</u>	Flannelbush, Pine Hill	California	Do	E		N/A
* <u>Nephropetalum pringlei</u>	(n.c.n.)	Texas; Mexico	Do	E		N/A
* <u>Waltheria pyrolaefolia</u>	Do	Hawaii	Do	E		N/A
STYRACACEAE - Styrax Family:						
<u>Styrax platanifolia</u>	Silverbells, (unnamed)	Texas	Do	E		N/A
var. <u>stellata</u>						
<u>Styrax texana</u>	Snowbells, Texas	Do	Do	E		N/A
TAXACEAE - Yew Family:						
<u>Taxus floridana</u>	Yew, Florida	Florida	Do	E		N/A
<u>Torreya taxifolia</u>	Stinking-cedar	Florida, Georgia	Do	E		N/A
THEACEAE - Tea Family:						
<u>Eurya sandwicensis</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>grandifolia</u>						
* <u>Franklinia alatamaha</u>	Franklin-tree	Georgia	Do	E		N/A
THYMELAEACEAE - Mezereum Family:						
<u>Wikstroemia basicorda</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>Wikstroemia leptantha</u>	Do	Do	Do	E		N/A
<u>Wikstroemia monticola</u>	Do	Do	Do	E		N/A
var. <u>occidentalis</u>						
<u>Wikstroemia skottsbergiana</u>	Do	Do	Do	E		N/A
<u>Wikstroemia villosa</u>	Do	Do	Do	E		N/A
URTICACEAE - Nettle Family:						
<u>Hesperocnide sandwicensis</u>	Do	Do	Do	E		N/A
<u>Neraudia angulata</u>	Do	Do	Do	E		N/A
var. <u>angulata</u>						
<u>Neraudia angulata</u>	Do	Do	Do	E		N/A
var. <u>dentata</u>						
* <u>Neraudia kahoolawensis</u>	Do	Do	Do	E		N/A
* <u>Neraudia kauaiensis</u>	Do	Do	Do	E		N/A
var. <u>helleri</u>						
<u>Neraudia kauaiensis</u>	Do	Do	Do	E		N/A
var. <u>kauaiensis</u>						
<u>Neraudia melastomifolia</u>	Do	Do	Do	E		N/A
var. <u>gaudichaudii</u>						
<u>Neraudia melastomifolia</u>	Maoloa	Do	Do	E		N/A
var. <u>melastomifolia</u>						
<u>Neraudia melastomifolia</u>	(n.c.n.)	Do	Do	E		N/A
var. <u>pallida</u>						
<u>Neraudia melastomifolia</u>	Do	Do	Do	E		N/A
var. <u>parvifolia</u>						
<u>Neraudia melastomifolia</u>	Do	Do	Do	E		N/A
var. <u>pubescens</u>						

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<u>Neraudia melastomifolia</u>	(n.c.n.)	Hawaii	Entire	E		N/A
var. <u>uncinata</u>						
<u>Neraudia ovata</u>	Do	Do	Do	E		N/A
<u>Neraudia sericea</u>	Do	Do	Do	E		N/A
<u>Urera kaalae</u>	Opuhe	Do	Do	E		N/A
<u>Urtica chamaedryoides</u>	Ortiguilla, (unnamed)	Texas	Do	E		N/A
var. <u>runyonii</u>						
VALERIANACEAE - Valerian Family:						
<u>Valerianella texana</u>	Cornsalad, Edward's Plateau	Do	Do	E		N/A
VERBENACEAE - Verbena Family:						
<u>Verbena tampensis</u>	Vervain, (unnamed)	Florida	Do	E		N/A
VIOLACEAE - Violet Family:						
<u>Isodendrion forbesii</u>	Aupaka, (unnamed)	Hawaii	Do	E		N/A
* <u>Isodendrion hawaiiense</u>	Wahine-noho-kula	Do	Do	E		N/A
* <u>Isodendrion hillebrandii</u>	Aupaka, (unnamed)	Do	Do	E		N/A
* <u>Isodendrion hosakae</u>	Do	Do	Do	E		N/A
* <u>Isodendrion lanaiense</u>	Do	Do	Do	E		N/A
<u>Isodendrion laurifolium</u>	Do	Do	Do	E		N/A
<u>Isodendrion longifolium</u>	Aupaka, (unnamed)	Hawaii	Entire	E		N/A
* <u>Isodendrion lydgatei</u>	Do	Do	Do	E		N/A
<u>Isodendrion maculatum</u>	Do	Do	Do	E		N/A
* <u>Isodendrion molokaiense</u>	Do	Do	Do	E		N/A
* <u>Isodendrion pyriformis</u>	Do	Do	Do	E		N/A
* <u>Isodendrion renyi</u>	Do	Do	Do	E		N/A
<u>Isodendrion subsessilifolium</u>	Do	Do	Do	E		N/A
* <u>Isodendrion waianaeense</u>	Do	Do	Do	E		N/A
<u>Viola chamissoniana</u>	Olupu	Do	Do	E		N/A
<u>Viola helena</u>	(n.c.n.)	Do	Do	E		N/A
var. <u>helena</u>						
<u>Viola helena</u>	Do	Do	Do	E		N/A
var. <u>lanaiensis</u>						
<u>Viola kauensis</u>	Do	Do	Do	E		N/A
var. <u>wahiawaensis</u>						
<u>Viola oahuensis</u>	Do	Do	Do	E		N/A
<u>Viola robusta</u>	Do	Do	Do	E		N/A

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APIACEAE - Parsley Family:						
<u>Angelica callii</u>	(n.c.n.)	California	Entire	E		N/A
* <u>Lilaeopsis masonii</u>	Do	Do	Do	E		N/A
<u>Sanicula tracyi</u>	Sanicle, Tracy's	California, Oregon	Do	E		N/A
ASTERACEAE - Aster Family:						
<u>Aster chilensis</u> var. <u>lentus</u>	Aster, Suisun	California	Do	E		N/A
<u>Cirsium fontanale</u> ssp. <u>obispoense</u>	Bog Thistle, Chorro Creek	Do	Do	E		N/A
<u>Haplopappus contractus</u>	Goldenweed, (unnamed)	Wyoming	Do	E		N/A
<u>Helianthus exilis</u>	Sunflower, Serpentine	California	Do	E		N/A
<u>Heterotheca jonesii</u>	Telegraphplant, Jones'	Utah	Do	E		N/A
<u>Lipochaeta lavarum</u> var. <u>longifolia</u>	Nehe, (unnamed)	Hawaii	Do	E		N/A
<u>Lygodesmia grandiflora</u> var. <u>stricta</u>	(n.c.n.)	Utah	Do	E		N/A
<u>Microseris decipens</u>	Do	California	Do	E		N/A
<u>Palafoxia arida</u> var. <u>gigantea</u>	Spanishneedle, Giant	Do	Do	E		N/A
<u>Parthenium ligulatum</u>	Feverfew, (unnamed)	Colorado, Utah, Wyoming	Do	E		N/A
BRASSICACEAE - Mustard Family:						
<u>Arabis breweri</u> var. <u>pecuniaria</u>	Rockcress, (unnamed)	California	Entire	E		N/A
* <u>Arabis gunnisoniana</u>	Do	Colorado	Do	E		N/A
* <u>Cardamine micranthera</u>	Bittercress, (unnamed)	North Carolina	Do	E		N/A
BRONELIACEAE - Pineapple Family:						
* <u>Hechtia texensis</u>	(n.c.n.)	Texas	Do	E		N/A
CACTACEAE - Cactus Family:						
<u>Coryphantha sneedii</u> var. <u>leei</u>	(n.c.n.)	New Mexico	Do	E		N/A
<u>Coryphantha sneedii</u> var. <u>sneedii</u>	Do	New Mexico, Texas	Do	E		N/A
<u>Echinocereus triglochidiatus</u> var. <u>inermis</u>	Hedgehog Cactus, spineless	Colorado	Do	E		N/A
CARYOPHYLLACEAE - Pink Family:						
<u>Schiedea verticillata</u>	(n.c.n.)	Hawaii	Do	E		N/A
<u>Silene marmorensis</u>	(n.c.n.)	California	Do	E		N/A
CHENOPODIACEAE - Goosefoot Family:						
<u>Atriplex pleiantha</u>	Saltbush, (unnamed)	Colorado	Do	E		N/A
CONVOLVULACEAE - Morning-glory Family:						
<u>Calystegia stebbinsii</u>	Morning-glory, Stebbins'	California	Do	E		N/A
CUCURBITACEAE - Gourd Family:						
<u>Sicyos nihoaensis</u>	(n.c.n.)	Hawaii	Do	E		N/A

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CYPERACEAE - Sedge Family:						
<u>Carex biltmoreana</u>	Sedge, Biltmore	Georgia, Virginia North Carolina	Entire	E		N/A
DIAPENSIACEAE - Pixie Family:						
<u>Pyxidanthra brevifolia</u>	Pixie Moss, Well's	North Carolina, South Carolina	Do	E		
ERICACEAE - Heath Family:						
<u>Arctostaphylos bakeri</u>	Manzanita, Baker's	California	Do	E		
<u>Arctostaphylos hookeri</u> ssp. <u>hearstiorum</u>	Manzanita, Hearst's	Do	Do	E		
<u>Arctostaphylos hookeri</u> ssp. <u>ravenii</u>	Manzanita, Raven's	Do	Do	E		
FABACEAE - Pea Family:						
* <u>Astragalus lentiginosus</u> var. <u>ursinus</u>	Milkvetch, (unnamed)	Utah	Do	E		
<u>Lathyrus hitchcockianus</u>	Pea, (unnamed)	California, Nevada	Entire	E		
<u>Lathyrus jepsonii</u> spp. <u>jepsonii</u>	Tule pea, Delta	California	Do	E		
HYDROPHYLLACEAE - Waterleaf Family:						
<u>Phacelia submutica</u>	Scorpionweed, (unnamed)	Colorado	Do	E		
IRIDACEAE - Iris Family:						
<u>Iris tenax</u> var. <u>gormanii</u>	Iris, (unnamed)	Oregon	Do	E		
LAMIACEAE - Mint Family:						
<u>Pogogyne clareana</u>	(n.c.n.)	California	Do	E		
<u>Stenogyne kanchoana</u>	Do	Hawaii	Do	E		
LILIACEAE - Lily Family:						
<u>Agave toumeyana</u> var. <u>bella</u>	Do	Arizona	Do	E		
<u>Bloomeria humilis</u>	Golden Star, Dwarf	California	Do	E		
<u>Calochortus indecorus</u>	Mariposa, (unnamed)	Oregon	Do	E		
<u>Erythronium grandiflorum</u> ssp. <u>pusaterii</u>	Fawn Lily, (unnamed)	California	Do	E		
<u>Zigadenus vaginatus</u>	Deathcamus, (unnamed)	Utah	Do	E		
ONAGRACEAE - Evening-primrose Family:						
<u>Clarkia borealis</u> ssp. <u>arida</u>	(n.c.n.)	California	Do	E		

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<u>Clarkia mosquinii</u>	(n.c.n.)	California	Entire	E		N/A
<u>ssp. mosquinii</u>						
* <u>Clarkia mosquinii</u>	Do	Do	Do	E		N/A
<u>ssp. xerophila</u>						
<u>Clarkia speciosa</u>	Do	Do	Do	E		N/A
<u>ssp. immaculata</u>						
<u>Oenothera sessilis</u>	Evening-primrose, (unnamed)	Arkansas	Do	E		N/A
PAPAVERACEAE - Poppy Family:						
<u>Arctomecon merriamii</u>	Poppy, Desert	California, Nevada	Do	E		N/A
POACEAE - Grass Family:						
<u>Orcuttia greenei</u>	(n.c.n.)	California	Do	E		N/A
<u>Panicum thermale</u>	Panic Grass, Hot Spring	Do	Do	E		N/A
POLEMONIACEAE - Phlox Family:						
<u>Phlox hirsuta</u>	Phlox, (unnamed)	Do	Do	E		N/A
POLYGONACEAE - Buckwheat Family:						
<u>Dedeckera eurekensis</u>	(n.c.n.)	California	Entire	E		N/A
<u>Eriogonum corymbosum</u>	Wild Buckwheat, (unnamed)	Utah	Do	E		N/A
<u>var. revealianum</u>						
<u>Eriogonum caninum</u>	Wild Buckwheat, Tiburon	California	Do	E		N/A
<u>Eriogonum kennedyi</u>	Wild Buckwheat, Southern	Do	Do	E		N/A
<u>ssp. austromontanum</u>	Mountain					
<u>Eriogonum ovalifolium</u>	Wild Buckwheat, (unnamed)	Do	Do	E		N/A
<u>var. vineum</u>						
<u>Eriogonum smithii</u>	Do	Utah	Do	E		N/A
PORTULACACEAE - Portulaca Family:						
<u>Calyptridium pulchellum</u>	Pussy Paws	California	Do	E		N/A
<u>Portulaca smallii</u>	(n.c.n.)	North Carolina, Georgia	Do	E		N/A
SAXIFRAGACEAE - Saxifrage Family:						
<u>Bensoniella oregana</u>	Do	California, Oregon	Do	E		N/A
SCROPHULARIACEAE - Snapdragon Family:						
* <u>Agalinis caddoensis</u>	Do	Louisiana	Do	E		N/A
<u>Penstemon retrorsus</u>	Beardtongue, (unnamed)	Colorado	Do	E		N/A

* - Plant taxon for which information on living specimens is especially desired.

1 - No common name has been located.

2 - The common name given applies to the genus or species; the lower taxon is, to our knowledge, unnamed.

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