

TITLE 19 NATURAL RESOURCES AND WILDLIFE
CHAPTER 21 ENDANGERED PLANTS
PART 2 ENDANGERED PLANT SPECIES LIST AND COLLECTION PERMITS

19.21.2.1 ISSUING AGENCY: Energy, Minerals and Natural Resources Department, Forestry Division.

[10/29/1985, 12/23/1991, 8/31/1995; 19.21.2.1 NMAC - Rn & A, 19 NMAC 21.2.1, 11/30/2006]

19.21.2.2 SCOPE: The general public that collects, transports, or offers for sale native, vascular plants within the state of New Mexico, with the exceptions of federal employees working on lands within their jurisdiction, and any plant collection activities within lands owned by, or held in trust for, Native American tribes.

[8/31/1995; 19.21.2.2 NMAC - Rn, 19 NMAC 21.2.2, 11/30/2006]

19.21.2.3 STATUTORY AUTHORITY: Section 75-6-1 NMSA 1978 directs the energy, minerals and natural resources department (department) to investigate all plant species in the state for the purpose of establishing a list of endangered plant species. It also authorizes the department to prohibit the taking of endangered species, with the exception of permitted scientific collections or propagation and transplantation activities that enhance the survival of endangered species. The forestry division (state forester) is the department secretary's designated representative for the purposes of endangered plant investigations and for issuing collection and transplantation permits.

[10/29/1985, 12/23/1991, 8/31/1995; 19.21.2.3 NMAC - Rn & A, 19 NMAC 21.2.3, 11/30/2006]

19.21.2.4 DURATION: Permanent.

[8/31/1995; 19.21.2.4 NMAC - Rn, 19 NMAC 21.2.4, 11/30/2006]

19.21.2.5 EFFECTIVE DATE: August 31, 1995, unless a later date is cited at the end of a section.

[10/29/1985, 12/23/1991, 8/31/1995; 19.21.2.5 NMAC - Rn & A, 19 NMAC 21.2.5, 11/30/2006]

19.21.2.6 OBJECTIVE: Native plant resources contribute to the economic, ecological, and aesthetic well-being of New Mexico citizens. This part's objective is to prevent the extinction or extirpation of native plant species in the state of New Mexico. It establishes the criteria for the recognition of endangered plant species and a list of plant species perceived, by the department, to be endangered within the state. This part also prescribes rules and permitting requirements for taking endangered plants during scientific investigations or propagation and transplantation activities that enhance survival.

[8/31/1995; 19.21.2.6 NMAC - Rn & A, 19 NMAC 21.2.6, 11/30/2006]

19.21.2.7 DEFINITIONS:

A. "Population site" means an area of occurrence of a particular species.

B. "Specimen" means the physical parts or a plant in its entirety, taken from a population site for the purpose of scientific study.

C. "Taking" means the removal, with the intent to possess, transport, export, sell, or offer for sale any of the plants listed in

19.21.2.9 NMAC, from the places in the state of New Mexico where they naturally grow.

D. "Voucher specimen" means an identifiable and representative specimen taken by a botanical collector from a population site for the purpose of documenting that site as occupied habitat. It should be accompanied by pertinent information on location, habitat, collector, date taken, and any other notes the collector can present concerning the population site.

[10/29/1985, 12/23/1991, 8/31/1995; 19.21.2.7 NMAC - Rn & A, 19 NMAC 21.2.7, 11/30/2006]

19.21.2.8 CRITERIA FOR INCLUSION ON THE ENDANGERED PLANT SPECIES LIST:

A. The taxon is listed as threatened or endangered under the provisions of the Federal Endangered Species Act (16 U.S.C. Sections 1531 *et seq.*), or is considered proposed under the tenets of the Act; or

B. The taxon is a rare plant across its range within the state, and of such limited distribution and population size that unregulated taking could adversely impact it and jeopardize its survival in New Mexico.

[10/29/1985, 8/31/1995; 19.21.2.8 NMAC - Rn, 19 NMAC 21.2.8, 11/30/2006]

19.21.2.9 LIST OF NEW MEXICO STATE ENDANGERED PLANT SPECIES: The following list of plants constitutes the New Mexico state endangered plant species list. Listed are the plant's scientific name, its common name, and the criterion for inclusion by the subsection in 19.21.2.8 NMAC:

Aliciella formosa (Aztec gilia)	Subsection B of 19.21.2.8 NMAC
Allium gooddingii (Goodding's onion)	Subsection B of 19.21.2.8 NMAC
Amsonia tharpian (Tharp's bluestar)	Subsection B of 19.21.2.8 NMAC
Argemone pleiacantha subsp. pinnatisecta (Sacramento prickly-poppy)	Subsection A of 19.21.2.8 NMAC
Astragalus humillimus (Mancos milkvetch)	Subsection A of 19.21.2.8 NMAC
Peniocereus greggii (night-blooming cereus)	Subsection B of 19.21.2.8 NMAC

Cirsium vinaceum (Sacramento Mountains thistle)	Subsection A of 19.21.2.8 NMAC
Cirsium wrightii (Wright's marsh thistle)	Subsection B of 19.21.2.8 NMAC
Cleome multicaulis (slender spiderflower)	Subsection B of 19.21.2.8 NMAC
Coryphantha scheeri var. scheeri (Scheer's pincushion cactus)	Subsection B of 19.21.2.8 NMAC
Cylindropuntia viridiflora (Santa Fe cholla)	Subsection B of 19.21.2.8 NMAC
Cypripedium parviflorum var. pubescens (golden lady's slipper)	Subsection B of 19.21.2.8 NMAC
Echinocereus fendleri var. kuenzleri (Kuenzler's hedgehog cactus)	Subsection A of 19.21.2.8 NMAC
Erigeron hessii (Hess' fleabane)	Subsection B of 19.21.2.8 NMAC
Erigeron rhizomatus (Zuni fleabane)	Subsection A of 19.21.2.8 NMAC
Eriogonum gypsophilum (gypsum wild buckwheat)	Subsection A of 19.21.2.8 NMAC
Escobaria duncanii (Duncan's pincushion cactus)	Subsection B of 19.21.2.8 NMAC
Escobaria organensis (Organ Mountain pincushion cactus)	Subsection B of 19.21.2.8 NMAC
Escobaria sneedii var. leei (Lee's pincushion cactus)	Subsection A of 19.21.2.8 NMAC
Escobaria sneedii var. sneedii (Sneed's pincushion cactus)	Subsection A of 19.21.2.8 NMAC
Escobaria villardii (Villard's pincushion cactus)	Subsection B of 19.21.2.8 NMAC
Hedeoma todsenii (Todsens pennyroyal)	Subsection A of 19.21.2.8 NMAC
Helianthus paradoxus (Pecos sunflower)	Subsection A of 19.21.2.8 NMAC
Hexalectris nitida (shining coralroot)	Subsection B of 19.21.2.8 NMAC
Hexalectris spicata (crested coralroot)	Subsection B of 19.21.2.8 NMAC
Ipomopsis sancti-spiritus (Holy Ghost ipomopsis)	Subsection A of 19.21.2.8 NMAC
Lepidospartum burgessii (gypsum scalebroom)	Subsection B of 19.21.2.8 NMAC
Lilium philadelphicum (wood lily)	Subsection B of 19.21.2.8 NMAC
Mammillaria wrightii var. wilcoxii (Wilcox pincushion cactus)	Subsection B of 19.21.2.8 NMAC
Opuntia arenaria (sand prickly pear)	Subsection B of 19.21.2.8 NMAC
Pediocactus knowltonii (Knowlton's cactus)	Subsection A of 19.21.2.8 NMAC
Pediomelum pentaphyllum (Chihuahua scurfpea)	Subsection B of 19.21.2.8 NMAC
Polygala rimulicola var. mescalerorum (San Andres milkwort)	Subsection B of 19.21.2.8 NMAC
Puccinellia parishii (Parish's alkali grass)	Subsection B of 19.21.2.8 NMAC
Sclerocactus mesae-verdae (Mesa Verde cactus)	Subsection A of 19.21.2.8 NMAC
Spiranthes magnicamporum (lady tresses orchid)	Subsection B of 19.21.2.8 NMAC

[10/29/1985, 12/23/1991, 8/31/1995; 19.21.2.9 NMAC - Rn & A, 19 NMAC 21.2.9, 11/30/2006; A, 01/15/2019]

19.21.2.10 PERMITS:

- A.** The state forester may issue permits to take state endangered plant species for the purpose of conducting scientific studies that enhance understanding for the distribution of, or conditions required for survival of, endangered plant species; or for propagation or transplantation activities that enhance the survival of endangered plant species.
- B.** The state forester shall only issue permits to individuals. No one may operate under the authority of another's permit.
- C.** Each person applying for a permit must demonstrate sufficient expertise to carry out the permitted activities in a competent manner. The following information may be used to support the request for a permit: education in botany or related area, field experience, collection numbers, accessions into a recognized herbarium, publications, and recommendations from recognized authorities.
- D.** The permittee's signature on the permit will acknowledge willingness to comply with all applicable laws, regulations, and permit conditions.
- E.** The permittee shall carry a copy of the permit at all times during the collection and transportation of endangered species.
- F.** A permit does not give the bearer authority to take federally threatened or endangered plants. Taking of these species also requires a federal permit issued by the U.S. fish and wildlife service.
- G.** A permit does not extend to the permittee the privilege to trespass or enter on lands without the owner's permission. The permittee should contact the appropriate management agency or landowner before beginning studies or taking specimens on federal, state, or private lands.
- H.** A state permit to take, propagate, or transplant the endangered plant species listed in 19.21.2.9 NMAC is not required for federal employees working within the lands of their jurisdiction, nor for activities within tribal reservations.

[10/29/1985, 12/23/1991, 8/31/1995; 19.21.2.10 NMAC - Rn & A, 19 NMAC 21.2.10, 11/30/2006]

19.21.2.11 SCIENTIFIC INVESTIGATIONS:

- A.** The state forester may issue a permit to take endangered plants for scientific studies if the studies will generate new knowledge in the genetic, anatomical, chemical, morphological, life history, or in other relevant areas of research enhancing the understanding of the conditions required for the survival of the endangered species.
- B.** Known population sites will be provided with the permit when the permittee requires them for the permitted study. The permit will contain any special parameters for the taking.
- C.** If the permittee takes any specimens, the permittee shall deposit at least one voucher specimen at either the university of New

Mexico herbarium or New Mexico state university herbarium.

D. When possible, the investigator shall take specimens in such a way as to not reduce the population (e.g. take a single stem from an herbaceous perennial, leaving the root intact, or other methods appropriate to the particular species).

E. The state forester may prohibit taking in some known locations where survival is especially precarious.

[10/29/1985, 12/23/1991, 8/31/1995; 19.21.2.11 NMAC - Rn & A, 19 NMAC 21.2.11, 11/30/2006]

19.21.2.12 VOUCHER SPECIMENS:

A. The state forester may issue a permit to take endangered plant voucher specimens during botanical inventories and environmental surveys for the purposes of species verification and documentation of population sites.

B. Taking specimens for the sole purpose of exchange with other herbaria is prohibited.

C. The collection of voucher specimens shall make no long-term detrimental effect on the population. The permittee may take a maximum of three specimens, if the population is sufficient. If the population is very small and the taking of a single individual is detrimental, then the permittee may take only a fragment of an individual for voucher purposes.

D. The permittee shall deposit at least one specimen of the three taken from each locality at the university of New Mexico herbarium or New Mexico state university herbarium. The permittee may send duplicates to the western New Mexico university herbarium, government agency collections within New Mexico, or herbaria in other states that are formally listed in index herbariorum. The label affixed to each specimen shall contain information on collection location, description of the habitat, collector's name, date of collection, and estimated size of the population.

E. To assist in the identification and preservation of endangered plant species in New Mexico, permittees shall report all permitted collections of voucher specimens to the state forester by December 31 of each year. The report shall contain the voucher specimen label information and the place or places of deposition of specimens.

[10/29/1985, 12/23/1991, 8/31/1995; 19.21.2.12 NMAC - Rn & A, 19 NMAC 21.2.12, 11/30/2006]

19.21.2.13 PROPAGATION AND TRANSPLANTATION:

A. The state forester may issue a permit to take endangered plants to propagate or transplant when evidence is presented that the activity will enhance that particular species' survival capability.

B. The state forester may issue a permit to transplant endangered species (not including federally listed taxa) when such species occur on areas of land use conversion.

C. The state forester may issue a permit for transplantation upon approval of a proposal the applicant submits outlining the need for such transplantation, the method to be employed, the site to which the plants will be taken for transplantation, and the qualifications of the person carrying out the transplantation.

[10/29/1985, 12/23/1991, 8/31/1995; 19.21.2.13 NMAC - Rn & A, 19 NMAC 21.2.13, 11/30/2006]

19.21.2.14 PERMIT REVOCATION: Prohibited activities that shall render a collection permit invalid and may cause the permittee to be subject to prosecution under applicable federal and state laws include: taking of specimens of endangered plant species outside the scope of the permit's provisions, failure to deposit a voucher specimen in a designated New Mexico herbarium, taking specimens under permit for commercial use, providing false information on the permit application, or allowing someone else to use the permit.

[10/29/1985, 8/31/1995; 19.21.2.14 NMAC - Rn & A, 19 NMAC 21.2.14, 11/30/2006]

19.21.2.15 PROTECTION AND PENALTIES:

A. The taking of plants listed in 19.21.2.9 NMAC, other than taking under valid permit issued by the state forester, is hereby prohibited.

B. Pursuant to Section 75-6-1 NMSA 1978, violation of 19.21.2 NMAC is a misdemeanor punishable by a fine of not less than \$300.00, nor more than \$1000.00 or imprisonment for a term of not more than 120 days or both.

C. Any law enforcement officer may seize any plants taken, transported, exported, processed, sold, or offered for sale or shipped in violation of 19.21.2 NMAC.

[10/29/1985, 12/23/1991, 8/31/1995; 19.21.2.15 NMAC - Rn & A, 19 NMAC 21.2.15, 11/30/2006]

HISTORY OF 19.21.2 NMAC:

Pre-NMAC History: The material in this part was derived from that previously filed with the state records center and archives:

NRD Rule No. 85-3, Endangered Plant Species in New Mexico, filed 10/29/1985;

NMFRCD Rule No. 91-1, Regulations Governing Endangered Plant Species, filed 12/23/1991.

History of Repealed Material: [RESERVED]

Other History:

NMFRCD Rule No. 91-1, Regulations Governing Endangered Plant Species (filed 12/23/1991) was renumbered, reformatted and replaced by 19 NMAC 21.2, Endangered Plant Species List and Collection Permits, effective 8/31/1995.

19 NMAC 21.2, Endangered Plant Species List and Collection Permits (filed 8/17/1995) was renumbered, reformatted, amended and replaced by 19.21.2 NMAC, Endangered Plant Species List and Collection Permits, effective 11/30/2006.