

3274. CEDAR-APPLE RUST DISEASE

State Exterior Quarantine

A quarantine is established against the following pest, its hosts and possible carriers:

- A. Pest.** *Gymnosporangium juniperi-virginianae* (cedar-apple rust). This fungus pathogen causes galls to form on susceptible species of junipers and produces rust pustules on leaves, fruits and twigs of susceptible species of apples and crab apples.
- B. Area Under Quarantine.** The State of Alaska and all states and districts east of and including the States of Montana, South Dakota, Nebraska, Kansas, Oklahoma and Texas.
- C. Articles and Commodities Covered.** Viable cedar-apple galls. Living plants, trees, cuttings, branches and leaves of all species, hybrids and botanical and horticultural varieties of juniper (*Juniperus* spp.) and apple and crab apple (*Malus* spp.); except nonsusceptible junipers when properly labeled as to scientific name and apple and crab apple cuttings, scions, and trees when completely dormant and trees are bare-rooted.

1. Susceptible Species of Juniper. The following *Juniperus* species and all their varieties are hosts and possible carriers:

<i>Juniperus chinensis</i>	Chinese juniper
<i>J. communis</i>	common juniper, English juniper
<i>J. horizontalis</i>	creeping juniper
<i>J. osteosperma</i>	Utah juniper, desert juniper
<i>J. pinchotii</i>	redberry juniper
<i>J. scopulorum</i>	Rocky Mountain juniper, Western red cedar
<i>J. silicicola</i>	Southern red cedar
<i>J. virginiana</i>	Eastern red cedar

D. Restrictions. Articles and commodities covered are prohibited entry into California from the area under quarantine unless they qualify under one of the conditions listed below:

1. Susceptible Junipers Certification Requirements. Susceptible species and varieties must be accompanied by an official certificate of the Department of Agriculture of the state of origin which certifies that the article or commodity has been grown and handled in compliance with the following conditions:

- a.** Juniper plants produced from seed may be certified provided that they have been grown and packed for shipment at a location at least two miles distant from any susceptible apple or crab apple tree.
- b.** Juniper plants produced from cuttings or layers may be certified provided that they have been grown at least two years immediately previous to shipment and packed for shipment at a location at least two miles from any susceptible apple or crab apple trees.

or

Juniper plants produced from cuttings or layers which have been grown less than two years at a location described in the paragraph above, may be certified only if during the growing period there have

been no apple or crab apple trees grown within two miles of the location where the junipers were grown and packed for shipment and there have been no apple or crab apple trees grown within two miles of the locations of all source plants for a period of at least two years immediately previous to taking the cuttings or layers.

- c.** Unrooted juniper cuttings and rooted layers may be certified if there have been no apple or crab apple trees grown within two miles of the location of all source plants for a period of two years immediately previous to taking the cuttings or layers and provided that the cuttings or layers are packed for shipment on the source plant location.

SUSCEPTIBLE SPECIES OF JUNIPER - SYNONYMS

APPENDIX A

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The following species names of junipers are synonyms for susceptible species covered by Section 3274 (susceptible species with which the name is synonymous is given in parentheses). Juniper plants labeled with these synonyms are therefore also covered by Section 3274.

<i>Juniperus ashfordii</i>	(<i>J. communis</i>)
<i>J. columnaris</i>	(<i>J. chinensis</i> or <i>J. communis</i>)
<i>J. compacta</i>	(<i>J. chinensis</i>)
<i>J. corymbosa</i>	(<i>J. chinensis</i>)
<i>J. despressa</i>	(<i>J. communis</i>)
<i>J. fastigiata</i>	(<i>J. communis</i>)
<i>J. fruitlandii</i>	(<i>J. chinensis</i>)
<i>J. glauca hetzii</i>	(<i>J. chinensis</i>)
<i>J. hetzii</i>	(<i>J. chinensis</i>)
<i>J. hibernica</i>	(<i>J. communis</i>)
<i>J. hornibrookii</i>	(<i>J. communis</i>)
<i>J. hudsonica</i>	(<i>J. horizontalis</i>)
<i>J. japonica</i>	(<i>J. chinensis</i>)
<i>J. keteleeri</i>	(<i>J. chinensis</i>)
<i>J. obelisk</i>	(<i>J. chinensis</i>)
<i>J. pfitzerana</i>	(<i>J. chinensis</i>)
<i>J. procumbens</i>	(<i>J. chinensis</i>)
<i>J. prostrata</i>	(<i>J. horizontalis</i>)
<i>J. reevesiana</i>	(<i>J. chinensis</i>)
<i>J. sargentii</i>	(<i>J. chinensis</i>)
<i>J. sibirica</i>	(<i>J. communis</i>)
<i>J. sphaerica</i>	(<i>J. chinensis</i>)
<i>J. torulosa</i>	(<i>J. chinensis</i>)
<i>J. tripartita</i>	(<i>J. virginiana</i>)
<i>J. utahensis</i>	(<i>J. osteosperma</i>)
<i>J. virginalis</i>	(<i>J. chinensis</i>)
<i>J. wiltonii</i>	(<i>J. horizontalis</i>)