



*****Tell us why you value the fungal databases*****

Fungus-Host - 480 records were found using the criteria: name = *Lophodermium pinastri* and its synonyms

Lophodermium pinastri (Schrad.) Chevall. 1826 (Ascomycetes, Rhytismatales)

≡ *Hysterium pinastri* Schrad. 1799

≡ *Hypoderma pinastri* (Schrad.) DC. 1805

≡ *Lophodermellina pinastri* (Schrad.) Höhn. 1917

= *Lophodermium pinicola* Tehon 1935 Note: As 'piniculum'. Nom. illeg.

Distribution: Worldwide.

Substrate: Needles.

Disease Note: Endophytic; causes no disease symptoms. Disease reports most likely refer to *L. seditiosum* (Minter, 1981),

Host: *Pinus* spp. (Pinaceae).

Supporting Literature:

Behnke-Borowczyk, J., Kwasna, H., and Kulawinek, B. 2019. Fungi associated with *Cyclaneusma* needle cast in Scots pine in the west of Poland. *Forest Pathol.* 49(2): e12487.

Cannon, P.F., and Minter, D.W. 1986. The Rhytismataceae of the Indian subcontinent. *Mycol. Pap.* 155: 1-123.

Minter, D.W. 1981. *Lophodermium* on pines. *Mycol. Pap.* 147: 1-54.

Minter, D.W., and Millar, C.S. 1978. *Lophodermium pinastri*. *C.M.I. Descr. Pathog. Fungi Bact.* 567: 1-2.

Prihatini, I., Glen, M., Wardlaw, T.J., and Mohammed, C.L. 2015. *Lophodermium pinastri* and an unknown species of Teratosphaeriaceae are associated with needle cast in a *Pinus radiata* selection trial. *Forest Pathol.* 45(4): 281-289.

Reignoux, S.N.A., Green, S., and Ennos, R.A. 2014. Molecular identification and relative abundance of cryptic *Lophodermium* species in natural populations of Scots pine, *Pinus sylvestris* L. *Fung. Biol.* 118: 835-845.

Updated on Jul 15, 2019

Hysterium pinastri - (*Lophodermium pinastri*):

Pinus australis (On leaves.): South Carolina - [2065](#),

***Lophodermium pinastri*:**

Abies sp.: China - [37549](#),

Cunninghamia lanceolata Taiwan - [8303](#),

Larix lyallii Idaho - [44](#),

Larix occidentalis Canada - [8051](#),

Picea jezoensis var. *microsperma* China - [37549](#),

Picea koraiensis China - [8097](#), [37549](#),

Picea microsperma China - [8097](#),

Picea sp. China - [37549](#),

Pinus albicaulis (Needle cast.) Massachusetts - [94](#), Northwestern states - [94](#), Ohio - [94](#), Oregon - [44](#), Washington - [44](#),

Pinus armandii China - [7204](#), [37549](#), [46325](#), Japan - [42066](#), Norway - [8051](#),

Pinus attenuata (Needle cast.) New Zealand - [6192](#), Oregon - [44](#), [94](#),

Pinus balfouriana (Needle cast.) Montana - [94](#),

Pinus banksiana (Needle cast.) Canada - [8376](#), China - [46325](#), Great Lake states - [94](#), Idaho - [44](#), Japan - [42066](#),

Pinus bungeana China - [37549](#),

Pinus canariensis Canary Islands - [6678](#), [8323](#),

Pinus caribaea (needle-cast) Australia - [6801](#), China - [46325](#), Fiji - [7283](#), Florida - [94](#), Georgia - [94](#), [278](#), Mississippi - [94](#), [1289](#),

Pinus cembra Canada - [8376](#), Czechoslovakia - [8488](#), Denmark - [7983](#), [8051](#), Finland - [8051](#), Germany - [6126](#), [7983](#),

[8051](#), [42067](#), Japan - [42066](#), Norway - [7983](#), [8051](#), Sweden - [8051](#), Switzerland - [7983](#), [8051](#), USSR - [7983](#), [8051](#),

Pinus cembra var. *sibirica* USSR - [7983](#),

Pinus clausa China - [46325](#),

Pinus contorta (Needle cast.) Alaska - [94](#), California - [94](#), [25284](#), Idaho - [44](#), Japan - [42066](#), Montana - [44](#), Northwestern states - [94](#), Oregon - [44](#), Washington - [44](#),

Pinus contorta var. *contorta* Canada - [8376](#),

Pinus contorta var. *latifolia* Alaska - [84](#), Canada - [8376](#), Western states - [94](#),

Pinus contorta var. *murrayana* Japan - [42066](#),

Pinus dabeshanensis China - [7204](#), [46325](#),

Pinus densata China - [37549](#), [46325](#),

Pinus densiflora China - [7204](#), [37549](#), [46325](#), Japan - [7983](#), [42066](#), Korea - [39503](#), New Zealand - [40040](#),

Pinus echinata (Needle cast) Australia - [6801](#), China - [7204](#), [46325](#), Georgia - [278](#), Japan - [42066](#), North Carolina - [695](#), Southern states - [94](#),
Pinus elliottii Australia - [6801](#), China - [7204](#), [46325](#), Fiji - [7283](#), Japan - [42066](#), Taiwan - [8303](#), Zimbabwe - [8318](#),
Pinus excelsa Pakistan - [6131](#),
Pinus fenzeliana China - [46325](#),
Pinus flexilis Idaho - [44](#), Japan - [42066](#), Montana - [44](#), Norway - [8051](#),
Pinus glabra (Needle cast.) China - [46325](#), Southern states - [94](#),
Pinus greggii China - [46325](#),
Pinus griffithii China - [37549](#), India - [7983](#), [8051](#), Japan - [42066](#),
Pinus halepensis Balearic Islands - [39294](#), Canary Islands - [6678](#), Greece - [7983](#), [8187](#), [23422](#), Portugal - [8480](#), Spain - [8480](#), [44793](#), Ukraine - [42264](#),
Pinus henryi China - [46325](#),
Pinus insignis Portugal - [8480](#),
Pinus jeffreyi California - [94](#), [2524](#), [25284](#), Canada - [8376](#), Georgia - [278](#), Washington - [44](#), [94](#),
Pinus kesiya China - [7204](#),
Pinus kesiya var. *langbianensis* China - [46325](#),
Pinus kochiana Ukraine - [42264](#),
Pinus koraiensis China - [8097](#), [37549](#), Japan - [42066](#), Korea - [39503](#), Yugoslavia - [7983](#), [8051](#),
Pinus lambertiana Canada - [8051](#), Japan - [42066](#),
Pinus laricio Ukraine - [42264](#),
Pinus luchuensis Japan - [42066](#), Taiwan - [8303](#),
Pinus maritima Portugal - [8480](#),
Pinus massoniana China - [8097](#), [37549](#), [46325](#), Taiwan - [8251](#), [8303](#), [37549](#), Zimbabwe - [8318](#),
Pinus montana Iceland - [7263](#), Japan - [42066](#), Spain - [8480](#),
Pinus montezumae China - [46325](#), Ukraine - [42264](#),
Pinus monticola California - [2524](#), Canada - [8376](#), Denmark - [8051](#), Finland - [8051](#), Japan - [42066](#), Massachusetts - [94](#), Northwestern states - [94](#), Ohio - [94](#),
Pinus mugo (Needle cast.) Canada - [8376](#), Czechoslovakia - [7983](#), [8488](#), Denmark - [7983](#), Georgia - [94](#), [278](#), Germany - [7983](#), [42067](#), Illinois - [94](#), Lithuania - [50282](#), Massachusetts - [94](#), North Carolina - [282](#), Norway - [7983](#),
Pinus mugo subsp. *uncinata* Germany - [33751](#), Switzerland - [33751](#),
Pinus mugo var. *rostrata* Norway - [7983](#), USSR - [7983](#),
Pinus mugo var. *rotundata* Denmark - [7983](#),
Pinus muricata Canada - [8376](#), New Zealand - [40040](#),
Pinus nigra (Needle cast.) Austria - [7983](#), California - [25284](#), Canada - [8376](#), China - [7204](#), [46325](#), Connecticut - [94](#), Czechoslovakia - [7983](#), [8488](#), Denmark - [7983](#), France - [7983](#), Germany - [7983](#), Greece - [8187](#), Hungary - [7983](#), Italy - [7983](#), Japan - [42066](#), Norway - [7983](#), Oregon - [44](#), [94](#), Portugal - [7983](#), Spain - [7983](#), Ukraine - [42264](#),
Pinus nigra subsp. *pallasiana* Ukraine - [50282](#),
Pinus nigra var. *cebennensis* Denmark - [7983](#),
Pinus nigra var. *maritima* (needle-cast) Australia - [6801](#),
Pinus nigra var. *poiretiana* Denmark - [7983](#), Germany - [7983](#), Scotland - [13027](#),
Pinus occidentalis Dominican Republic - [7983](#), [9660](#), [40296](#),
Pinus oocarpa China - [46325](#),
Pinus pallasiana Ukraine - [42264](#),
Pinus palustris China - [7204](#), [46325](#), Georgia - [278](#), Japan - [42066](#), New Zealand - [40040](#), Zimbabwe - [8318](#),
Pinus parviflora China - [46325](#), Japan - [42066](#),
Pinus parviflora var. *pentaphylla* Japan - [42066](#),
Pinus patula Fiji - [7283](#), Zimbabwe - [8318](#),
Pinus peuce Japan - [42066](#),
Pinus pinaster (needle-cast) Australia - [6801](#), Canada - [8376](#), China - [7204](#), Denmark - [7983](#), France - [7983](#), Japan - [42066](#), New Zealand - [40040](#), Portugal - [7983](#), [8480](#), South Africa - [34234](#), Spain - [7983](#), [8480](#),
Pinus pinea Italy, Sicily - [45968](#), Portugal - [8480](#), Spain - [8480](#), [10344](#), Ukraine - [42264](#),
Pinus pityusa var. *stankewiczii* Ukraine - [42264](#),
Pinus ponderosa (Needle cast.) California - [3163](#), [25284](#), Canada - [8376](#), Georgia - [278](#), Idaho - [44](#), Japan - [42066](#), Montana - [44](#), Oregon - [44](#), [38443](#), Range of host - [94](#), Washington - [44](#), [379](#),
Pinus ponderosa var. *scopulorum* South Dakota - [43](#),
Pinus pseudostrobus China - [46325](#),
Pinus pumila Japan - [42066](#), Russia - [39292](#),
Pinus pungens Georgia - [278](#), Japan - [42066](#),
Pinus radiata (Needle cast; monterey pine, insignis pine; needle blight) Australia - [6732](#), [49998](#), [51321](#), California - [94](#), [25284](#), Canada - [8376](#), Japan - [42066](#), Malawi - [6776](#), [6779](#), New Zealand - [6192](#), [6224](#), [8316](#), [40040](#), Southern Africa - [8029](#), Tasmania - [49998](#), [51321](#), Zimbabwe - [8318](#),
Pinus resinosa Canada - [8376](#), Canada, New Brunswick - [28923](#), Japan - [42066](#), Massachusetts - [98](#), Michigan - [6430](#), Minnesota - [6430](#), Range of host - [94](#), Wisconsin - [6430](#), West Virginia - [77](#),
Pinus rigida China - [7204](#), [46325](#), Eastern states - [94](#), Georgia - [94](#), [278](#), Japan - [42066](#), Massachusetts - [3149](#), North Carolina - [282](#), [3164](#), Pennsylvania - [2544](#), Wisconsin - [3004](#), West Virginia - [94](#),

Pinus rigida var. *serotina* China - [7204](#), [46325](#),
Pinus roxburghii China - [46325](#), India - [7983](#), New Zealand - [40040](#), Pakistan - [6232](#),
Pinus sabiniana (Needle cast.) California - [94](#), [3163](#),
Pinus sibirica China - [37549](#),
Pinus silvestris Spain - [8480](#),
Pinus sp. (Needle cast; on pine needles) Alaska - [84](#), Australia - [38245](#), Brazil - [34636](#), California - [25284](#), Canada - [8376](#), Chile - [6878](#), China - [30293](#), [37549](#), [39922](#), England - [9435](#), Japan - [42066](#), Maine - [3862](#), Michigan - [3862](#), New Zealand - [6192](#), [6224](#), Oregon - [3862](#), Range of host - [94](#), Slovakia - [46817](#), Spain - [40280](#), Sweden - [47295](#), Ukraine - [42264](#), United Kingdom - [6783](#), USSR - [7983](#), Washington - [3862](#),
Pinus strobus (On dead needles.) Belgium - [8051](#), Canada - [8051](#), [8376](#), China - [46325](#), Denmark - [8051](#), Finland - [8051](#), Georgia - [94](#), [278](#), Germany - [8051](#), Japan - [8051](#), [42066](#), Maine - [94](#), Montana - [44](#), North Carolina - [282](#), Norway - [8051](#), Ohio - [94](#), Range of host - [94](#), Rhode Island - [44747](#), Ukraine - [42264](#),
Pinus strobus var. *chiapensis* China - [46325](#),
Pinus sylvestris (Needle cast.) Belgium - [7983](#), California - [25284](#), Canada - [8376](#), China - [7204](#), Czechoslovakia - [7983](#), [8488](#), Denmark - [7983](#), England - [7983](#), Finland - [7983](#), France - [6415](#), [7983](#), Georgia - [94](#), Germany - [6474](#), [7983](#), [38443](#), Hungary - [7983](#), Illinois - [94](#), Ireland - [7983](#), Japan - [6415](#), [42066](#), Lithuania - [50282](#), Michigan - [1987](#), [6430](#), Minnesota - [6430](#), Netherlands - [6345](#), [6381](#), Northeastern states - [94](#), Norway - [7983](#), Pennsylvania - [1521](#), [2060](#), Poland - [7983](#), [40695](#), [53189](#), Scotland - [5926](#), [6313](#), [6415](#), [8300](#), [8316](#), [21164](#), [50532](#), Spain - [40276](#), Sweden - [7983](#), [44651](#), Switzerland - [7983](#), Ukraine - [42264](#), United Kingdom - [8539](#), USSR - [7983](#), Washington - [44](#), [6415](#), Wisconsin - [6430](#),
Pinus sylvestris var. *mongolica* China - [8097](#), [37549](#), [46325](#),
Pinus sylvestris var. *sylvestrifomis* China - [46325](#),
Pinus tabulaeformis Armenia - [12349](#), Japan - [42066](#),
Pinus tabuliformis China - [7204](#), [8097](#), [37549](#), [46325](#),
Pinus tabuliformis var. *mukdensis* China - [46325](#),
Pinus taeda (Needle cast) Australia - [6801](#), China - [7204](#), [46325](#), Fiji - [7283](#), Georgia - [278](#), Japan - [42066](#), Korea - [6141](#), [39503](#), Mississippi - [94](#), [1289](#), North Carolina - [282](#), [695](#), South Africa - [34234](#), Southeastern states - [94](#),
Pinus taiwanensis China - [37549](#), [46325](#), Taiwan - [8303](#),
Pinus takahasii China - [46325](#),
Pinus thunbergii (Needle cast.) China - [7204](#), [8097](#), [37549](#), [46325](#), Japan - [7983](#), [42066](#), Maryland - [94](#), Taiwan - [8251](#), [8303](#), [37549](#),
Pinus tropicalis China - [46325](#),
Pinus virginiana (Needle cast.) China - [46325](#), Georgia - [94](#), [278](#), Japan - [42066](#), Maryland - [94](#), Pennsylvania - [94](#), Virginia - [94](#),
Pinus wallichiana Pakistan - [42528](#),
Pinus yunnanensis China - [8097](#), [37549](#), [46325](#),
Pinus yunnanensis var. *tenuifolia* China - [46325](#),
Pinus × *attenuradiata* New Zealand - [6224](#),
Pinus × *massoniana-thunbergii* Japan - [42066](#),
Pinus × *thunbergii-yunnanensis* Japan - [42066](#),

Lophodermium pinicola - (Lophodermium pinastri):

Pinus jeffreyi: California - [3163](#),
Pinus lambertiana California - [3395](#),
Pinus ponderosa California - [3395](#),
Pinus silvestris Austria - [8051](#), Belgium - [8051](#), Canada - [8051](#), Denmark - [8051](#), England - [8051](#), Finland - [8051](#), France - [8051](#), Germany - [8051](#), Hungary - [8051](#), Ireland - [8051](#), Japan - [8051](#), Norway - [8051](#), Poland - [8051](#), Sweden - [8051](#), Switzerland - [8051](#), USSR - [8051](#),

480 records were found using the criteria: Name = Lophodermium pinastri

An * indicates a questionable report. Click on associated reference link for more information.

U.S. National Fungus Collections Fungus-Host Distributions Database. February 21, 2022

U.S. Department of Agriculture, Agricultural Research Service

Send comments or questions about the databases to HerbariumBPI@ars.usda.gov

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