

## UK pest status report for *Gymnosporangium juniperi-virginianae*

Field	Detail
<b>Pest species name</b>	<i>Gymnosporangium juniperi-virginianae</i> Schwein.
<b>Pest taxon (order, family)</b>	Pucciniales, Gymnosporangiaceae
<b>Synonyms</b>	<i>Aecidium pyrolatum</i> Schweinitz <i>Gymnosporangium macropus</i> Link <i>Gymnosporangium virginianum</i> Sprengel <i>Roestelia pyrata</i> Thaxter
<b>Pest common name</b>	American rust of apple Cedar apple rust
<b>Regulatory status</b>	Great Britain: Regulated quarantine pest (as <i>Gymnosporangium</i> spp.) Northern Ireland: Regulated quarantine pest (as <i>Gymnosporangium</i> spp.)
<b>Pest status in UK (as per ISPM 8<sup>1</sup>)</b>	Absent: Pest not recorded
<b>Global distribution</b>	North America: Present in Canada and USA
<b>Main hosts</b>	<i>Juniperus</i> L.; <i>Juniperus virginiana</i> L.; <i>Malus</i> Mill.; <i>Malus domestica</i> Borkhausen
<b>Likelihood for establishment in UK</b>	Both aecial and telial hosts (apple and juniper) are present in the UK. Very likely to be able to establish, based on hosts and current climatic conditions
<b>Website(s)</b>	<a href="https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.26231#sec-7">https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.26231#sec-7</a>

<https://www.efsa.europa.eu/en/efsajournal/pub/5512>

<https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=12625> [accessed 20/12/2022]

<https://gd.eppo.int/taxon/GYMNJV>

## References

'Juniperus virginiana (eastern redcedar)', CABI Compendium. (2022) CABI International. doi: 10.1079/cabicompendium.29152. [accessed 20/12/2022]

Defra (2020) UK Risk Register Details for *Gymnosporangium juniperi-virginianae*. <https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=12625> [accessed 20/12/2022]

EFSA Panel on Plant Health (EFSA PLH Panel), Bragard C, Di Serio F, Gonthier P, Jacques MA, Jaques Miret JA, Justesen AF, MacLeod A, Magnusson CS, Milonas P, Navas-Cortes JA, Parnell S, Potting R, Reignault PL, Thulke HH, Van der Werf W, Vicent Civera A, Yuen J, Zappalà L, Boberg J, Jeger M, Pautasso M, Dehnen-Schmutz K. Pest categorisation of *Gymnosporangium* spp. (non-EU). EFSA J. 2018 Dec 19;16(12):e05512. doi: 10.2903/j.efsa.2018.5512.

EPPO (2022). Data Sheets on Quarantine Pests: *Gymnosporangium juniperi-virginianae*

EPPO Global Database. <https://gd.eppo.int/taxon/GYMNJV/documents> [Accessed on 20/12/2022].

<sup>1</sup> International Standard for Phytosanitary Measures (ISPM) 8 Determination of pest status in an area