

<sub>1</sub> Locating pinewood nematode from arial footage using  
<sub>2</sub> object detection and semantic segmentation

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## 4   **1   Introduction**

5   Pinewood nematode(PWN, *Bursaphelenchus xylophilus*) is a parasitic nematode that causes  
6   pine wilt disease in pine trees. The nematode is native to North America, but has been  
7   introduced to other parts of the world, including Japan, China, and South Korea[1].

8       A number of

## 9 References

- 10 [1] Bit-Na Kim et al. “A Short Review of the Pinewood Nematode, Bursaphelenchus Xy-  
11 lophilus”. In: *Toxicology and Environmental Health Sciences* 12.4 (Dec. 2020), pp. 297–  
12 304. ISSN: 2005-9752, 2233-7784. DOI: 10.1007/s13530-020-00068-0. URL: <https://link.springer.com/10.1007/s13530-020-00068-0> (visited on 12/09/2024).  
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