

THE VEGETATION HEALTH SERVICE: A RESOURCE FOR RESEARCHERS AND MANAGERS OF *PHYTOPHTHORA* DISEASE.

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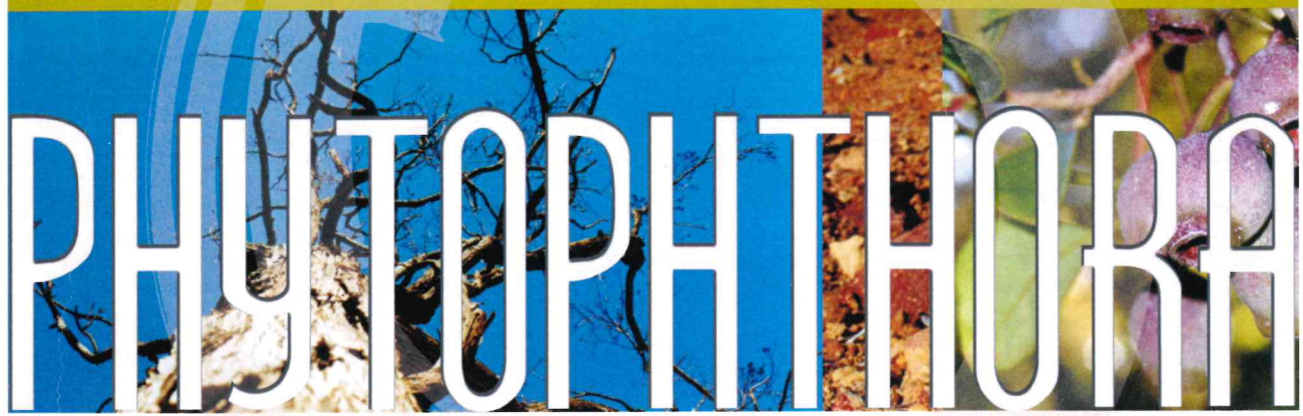
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The mapping of disease caused by *Phytophthora cinnamomi* in Western Australian native forest is a major component of the Department of Conservation and Land Management's (CALM's) management responsibilities prior to logging and mining activities. The Vegetation Health Service (VHS) within the CALMScience Division is currently responsible for accurate detection and identification of *Phytophthora* species for disease mapping. Since 1984 the VHS has managed a comprehensive database of every sample assessed for *Phytophthora*. To date there are approximately 21,000 records from areas ranging from Eneabba north of Perth to Albany south east of Perth. Records include 6,759 positive detections of *P. cinnamomi* and 1,430 of other species of *Phytophthora* including the first report of *P. boehmeriae* in Western Australia. A culture collection of *Phytophthora* species is maintained by the VHS with currently 830 cultures of *Phytophthora*, 377 of which are *P. cinnamomi*. Other species include *P. cactorum*, *P. citricola*, *P. cryptogea*, *P. drechsleri*, *P. megasperma* and *P. nicotianae*. The database and culture collection are maintained as a resource for internal and external groups involved in *Phytophthora* research and management.

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MEETING HANDBOOK



in Forests & Natural Ecosystems



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Second IUFRO meeting on phytophthora
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