

- 1 nematode genera associated with insects from *Pinus pinaster*
2 in Portugal. *Annals of Applied Biology* 148, 121-131.
- 3 REDDY, M.P., SARLA, N. & SIDDIQ, E.A. (2002). Inter simple
4 sequence repeat (ISSR) polymorphism and its application in
5 plant breeding. *Euphytica* 128, 9-17.
- 6 ROBERTSON, L., ARCOS, C.S., ESCUER, M., MERINO, S.R.,
7 ESPARRAGO, G., ABELLEIRA, A. & NAVAS, A. (2011).
8 Incidence of the pinewood nematode *Bursaphelenchus xy-*
9 *lophilus* Steiner & Buhner, 1934 (Nickle, 1970) in Spain. *Nema-*
10 *tology* 13, 755-757.
- 11 RODRIGUES, J. (2008). Eradication program for the pinewood
12 nematode in Portugal. In: Mota, M. & Vieira, P. (Eds).
13 *Pine wilt disease: a worldwide threat to forest ecosystems*.
14 Heidelberg, Germany, Springer, pp. 5-14.
- 15 ROHLF, F.J. (2008). NTSYSpc: *numerical taxonomy system,*
16 *ver. 2.20.* Setauket, NY, USA, Exeter Publishing.
- 17 SAITOU, N. & NEI, M. (1987). The neighbor-joining method:
18 a new method for reconstructing phylogenetic trees. *Molecu-*
19 *lar Biology and Evolution* 4, 406-425.
- 20 SHIMAZU, M. (2006). Current status on research and manage-
21 ment of pine wilt disease in Japan. In: Han, H.R., Koh, S.H.,
22 Jung, C.S., Chung, Y.J. & Shin, S.C. (Eds). *Current status on*
23 *research and management of pine wilt disease*. Seoul, Korea,
24 Korea Forest Research Institute, pp. 1-18.
- 25 SHIN, S. & HAN, H. (2006). Current status on research
26 and management of pine wilt disease in Korea. In: Han,
27 H.R., Koh, S.H., Jung, C.S., Chung, Y.J. & Shin, S.C.
28 (Eds). *Current status on research and management of pine*
29 *wilt disease*. Seoul, Korea, Korea Forest Research Institute,
30 pp. 31-44.
- 31 SOUSA, E., BRAVO, M.A., PIRES, J., NAVES, P., PENAS,
32 A.C., BONIFÁCIO, L. & MOTA, M. (2001). *Bursaphelen-*
33 *chus xylophilus* (Nematoda; Aphelenchoididae) associated
34 with *Monochamus galloprovincialis* (Coleoptera; Ceramby-
35 cidae) in Portugal. *Nematology* 3, 89-91.
- 36 SOUTHEY, J.F. (1986). *Laboratory methods for work with plant*
37 *and soil nematodes*. London, UK, Ministry of Agriculture
38 Fisheries and Food, HMSO, 202 pp.
- 39 STEINER, G. & BUHRER, E.M. (1934). *Aphelenchoides xylo-*
40 *philus* n. sp., a nematode associated with blue-stain and other
41 fungi in timber. *Journal of Agricultural Research* 48, 949-
42 951.
- 43 SUTHERLAND, J.R. & PETERSON, M. (1999). The pinewood
44 nematode in Canada: history, distribution, hosts, potential
45 vectors and research. In: Futai, K., Togashi, K. & Ikeda, T.
46 (Eds). *Sustainability of pine forests in relation to pine wilt and*
47 *decline: proceedings of an international symposium*. Tokyo,
48 Japan, Shokado Shoten, pp. 247-253.
- 49 SUZUKI, K. (2002). Pine wilt disease – a threat to pine forest in
50 Europe. *Dendrobiology* 48, 71-74.
- 51 TAMURA, K. & KUMAR, S. (2002). Evolutionary distance
52 estimation under heterogeneous substitution pattern among
53 lineages. *Molecular Biology and Evolution* 19, 1727-1736.
- 54 TAMURA, K., PETERSON, D., PETERSON, N., STECHER,
55 G., NEI, M. & KUMAR, S. (2011). MEGA5: molecular
56 evolutionary genetics analysis using maximum likelihood,
57 evolutionary distance, and maximum parsimony methods.
58 *Molecular Biology and Evolution* 28, 2731-2739.
- 59 TKACZ, B.M. (2002). Pest risks associated with importing
60 wood to the United States. *Canadian Journal of Plant*
61 *Pathology* 24, 111-116.
- 62 TOMICZEK, C., BRAASCH, H., BURGERMEISTER, W.,
63 METGE, K., HOYER, U. & BRANDSTETTER, M. (2003).
64 Identification of *Bursaphelenchus* spp. isolated from Chinese
65 packaging wood imported to Austria. *Nematology* 5, 573-
66 581.
- 67 TOMMINEN, J., HALIK, S. & BERGLAHL, D.R. (1991). Incu-
68 bation temperature and time effects on life stages of *Bursa-*
69 *phelenchus xylophilus* in wood chips. *Journal of Nematology*
70 24, 477-484.
- 71 VIEIRA, P., BURGERMEISTER, W., MOTA, M., METGE, K. &
72 SILVA, G. (2007). Lack of genetic variation of *Bursaphelen-*
73 *chus xylophilus* in Portugal revealed by RAPD-PCR analyses.
74 *Journal of Nematology* 39, 118-126.
- 75 VRAIN, T.C. (1993). Restriction fragment length polymorphism
76 separates species of the *Xiphinema americanum* group. *Jour-*
77 *nal of Nematology* 25, 361-364.
- 78 WEBSTER, J. (2004). The pine wood nematode: implications of
79 factors past and present for pine wilt disease. In: Mota, M. &
80 Vieira, P. (Eds). *The pinewood nematode, Bursaphelenchus*
81 *xylophilus. Proceedings of an International Workshop, Uni-*
82 *versity of Evora, Portugal, 20-22 August, 2001. Nematology*
83 *Monographs and Perspectives 1*. Leiden, The Netherlands,
84 Brill, pp. 55-64.
- 85 WEBSTER, J. & MOTA, M. (2008). Pine wilt disease: global
86 issues, trade and economic impact. In: Mota, M. & Vieira,
87 P. (Eds). *Pine wilt disease: a worldwide threat to forest*
88 *ecosystems*. Heidelberg, Germany, Springer, pp. 1-3.
- 89 YANO, M. (1913). Investigations on the cause of pine mortality
90 in Nagasaki prefecture. *Sanrin-Koho* 4, 1-14.
- 91 YI, C., BYUN, B., PARK, J., YANG, S. & CHANG, K. (1989).
92 First finding of the pine wood nematode, *Bursaphelenchus*
93 *xylophilus* (Steiner & Buhner) Nickle and its insect vector in
94 Korea. *Research Reports of the Forestry Research Institute*
95 *Seoul* 38, 141-149.
- 96 ZHUO, K., LUO, M., CUI, R.Q. & LIAO, J.L. (2011). A multi-
97 plex one-step PCR method for the simultaneous identification
98 of *Bursaphelenchus xylophilus*, *B. mucronatus* and *B. doui* –
99 three species within the *xylophilus* group. *Forest Pathology*
100 41, 66-69.
- 101 ZIETKIEWICZ, E., RAFALSKI, A. & LABUDA, D. (1994).
102 Genome fingerprinting by simple sequence repeat (SSR)-
103 anchored polymerase chain reaction amplification. *Genomics*
104 20, 176-183.