

science and a host of other disciplines. One answer to this problem is to become more specialized, another, to rely more on specialty consultants to aid in technical decision making. Pest management specialists for arborists will be in our future. But until they arrive, you will have to rely on the more traditional resources.

Literature Cited

1. Dekle, G.W. 1976. Florida armored scale insects. Fl. Dept. of Agr. and Cons. Serv. Vol. 3 Arthropods of Florida. Rev. 345 p.
2. Doane, C.C. 1959. The red pine scale. Circ. 207 Conn. Agr. Exp. Sta. 7 p.
3. Howell, J.O. and M.L. Williams. 1976. An annotated key to the families of scale insects (Homoptera: Coccoidea) of America, North of Mexico, based on characteristics of the adult female.
4. Johnson, W.T. and H.H. Lyon. 1976. Insects that feed on trees and shrubs. Cornell Univ. Press. 464 p.
5. List, G.M. 1920. The European elm scale. Circular 29 Colorado Agr. College, Fort Collins, CO. 12 p.
6. McClure, M.S. 1980. *Foliar nitrogen: a basis for host suitability for elongate hemlock scale, Fiorinia externa (Homoptera: Diaspididae)* Ecology 6(1): 72-79.
7. Miller, D.R. and M. Kosztarab. 1979. *Recent advances in the study of scale insects.* Ann. Rev. Entomol. 24: 1-27.
8. Nakahara, S. 1981. *The proper placements of the nearctic soft scale species assigned to the genus Lecanium Burmeister (Homoptera: Coccidae).* Proc. Entomol. Soc. Wash. 83(2): 283-286.
9. Peterson, L.O.T. and R.F. DeBoo. 1969. Pine needle scale in the prairie provinces. Canada Dept. of Fisheries & Forests. Note MS-L-5 9 p.
10. Roelofs, W.L., M.J. Gieselmann, A.M. Carde, H. Tashiro, D.S. Moreno, C.A. Hendrich, and R.J. Anderson. 1977. *Sex pheromone of the California red scale, Aonidiella aurantii.* Nature 267: 698-699.
11. Shigo, A.L. 1976. *The beech bark disease.* J. Arboric. 2(2): 21-25.
12. Stoetzel, M.B. and J.A. Davidson. 1971. *Biology of the obscure scale, Melanaspis obscura in Maryland (Homoptera: Diaspididae).* Ann. Entomol. Soc. Am. 64: 45-50.
13. Stoetzel, M.B. and J.A. Davidson. 1974. *Sexual dimorphism in all stages of the Aspidotini (Homoptera: Diaspididae).* Ann. Entomol. Soc. of Am. 67(1): 138-140.
14. Wallner, W.E. 1978. *Scale insects: what the arboriculturist needs to know about them.* Jour. Arboric. 4(5): 97-103.
15. Williams, M.L. and M. Kosztarab. 1972. Coccidae of Virginia. Res. Div. Bul. 74. VPI and SU 215 p.

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ABSTRACT

LAMBE, R.C. 1981. **Entomosporium leaf spot.** Am. Nurseryman 153(9): 14, 36, 40.

Entomosporium leaf spot is caused by the fungus *Entomosporium maculatum*, which has the perfect stage *Fabraea maculata* (also known as *Diplocarpon maculatum*). The disease infects several of the choice ornamentals grown in nurseries. Particularly susceptible are *Photinia serrulata*, *P. glabra*, the hybrid *P. × fraseri*, Indian hawthorn, and loquat. The disease also affects juneberry, flowering quince, fire thorn, and mountain ash. Every effort should be made to avoid introducing diseased plants into nurseries and landscapes, to eliminate diseased leaves and plants once they are discovered, and to follow and promote cultural practices that discourage the intrusion and development of Entomosporium leaf spot.