from Chateauguay, Que. It was intercepted on fig from Switzerland. Helicotylenchus erythrinae (Zimmermann, 1904) Golden, 1956, was found on oats from Laurencetown, N.S.

Ring Nematodes

Criconemoides lobatum Raski, 1952, was recorded from onion sets from Thetford Marsh, Ont. Hemicycliophora similis Thorne, 1955, was found on peony from Ottawa, Ont.

Aphelenchids

Records of Aphelenchus avenae Bastian, 1865, included red clover from South March, Ont., strawberry from Charlottetown, P.E.I., oat from Laurencetown, N.S., truck garden soil from Chateauguay, Que., and interceptions on strawberry from Germany, on peony roots from Holland, and on chrysanthemum from Connecticut, U.S.A. Records of Aphelenchoides parietinus (Bastian, 1865) Steiner, 1932, included hyacinths from Ottawa and interceptions in spruce soil from Denmark and on heather roots from Scotland.

Dorylaimids

Xiphinema americanum Cobb, 1913, and Longidorus sylphus Thorne, 1939, were found on strawberry from British Columbia. Xiphinema diversicaudatum (Micoletzky, 1927) Thorne, 1939, was intercepted in rose soil and on rose roots from Holland.

Some Nematodes Observed in British Columbia in 1958

J.E. Bosher

Criconemoides annulifer (de Man, 1921) Taylor, 1936, from Ilex aquifolium at Brentwood and Victoria.

Criconemoides spp. Small populations from 20/21 sites in the pole blight areas of the Kootenay Forest Region and from strawberry soil and wild bush land near Bradner.

Ditylenchus dipsaci (Kühn, 1857) Filipjev, 1936. Light infections in two Fraser Valley plantings of the narcissus variety King Alfred and in greenhouse plantings of King Alfred and Sir Watkin at Victoria.

Heterodera trifolii (Goffart, 1932) Oostenbrink, 1949 in soil samples from Ladner and Agassiz.

Longidorus sylphus Thorne, 1939. Trace populations in soil samples from the Experimental Farm, Agassiz.

Meloidogyne incognita (Kofoid & White, 1919) Chitwood, 1949. From imported plants of Saintpaulia ionantha at Cowichan Station.

Meloidogyne hapla Chitwood, 1949 from Shasta daisy, variety Esther Reed, at Saanichton.

Paratylenchus spp. from 5/12 soil samples from strawberry fields at Keating; from raspberry soil at Agassiz; and from Ilex aquifolium at Brentwood and Victoria.

Pratylenchus penetrans (Cobb, 1917) Filipjev & Stekhoven, 1941 was found in 24/48 samples of strawberry from the Fraser Valley and in 8/12 samples from Vancouver Island; in 11/11 samples of apple stock from Vancouver Island and in 2/3 samples imported from Holland. Trace infections were seen in cherry, plum, rose and sea-buckthorn (Hippophaë rhamnoides) imports from Holland. Significant populations encountered in 24/ and light infections in 36/64 samples of raspberry from the Fraser Valley. Trace infections in peony at Saanichton, hyacinth at Bradner and English holly at Nanaimo. It caused severe root injury and early decline in sweet pea at Victoria and Cladastris lutea at Saanichton.

Pratylenchus pratensis (de Man, 1880) Filipjev, 1936 was associated with root rot in two samples of strawberry and was found in raspberry in the Fraser Valley.

Pratylenchus spp. occurred in 5/48 samples of strawberry from the Fraser Valley; in raspberry from the Fraser Valley and Vancouver Island and from English Holly at Brentwood and Victoria.

Nematode Diseases in Southwestern Ontario, 1958

W. B. Mountain

During 1958, perhaps as a result of lower than average soil temperatures in the spring, Pratylenchus penetrans was more active on a wide range of crops than has ever been observed before in southwestern Ontario.