



The State of New Hampshire  
Department of Agriculture

DIVISION OF INSECT AND PLANT DISEASE  
SUPPRESSION AND CONTROL  
NESMITH HALL  
DURHAM, N.H.  
03824

HOWARD C. TOWNSEND *Ron*  
COMMISSIONER  
CO-COPI  
A. H. MASON  
STATE ENTOMOLOGIST  
R. A. KEATING  
ENTOMOLOGIST  
DURHAM  
TELEPHONE, DURHAM, 262-2300

September 8, 1978

*WJ*  
*R. Johnson*

Mr. J. B. Grant  
Executive Director, NASDA Office  
Interstate Pest Control Compact  
1616 H St., NW  
Washington, D. C. 20006

Dear Mr. Grant:

Enclosed are 16 copies of New Hampshire's final report relative to our Scleroderris Canker survey. This report is to fulfill our obligations under our Memorandum of Understanding with the Pest Control Compact.

I am pleased that the report indicates negative findings but must admit that I am only cautiously optimistic. I have only recently learned of a potential Scleroderris Canker infestation just 30 miles from our eastern border in the State of Maine.

I wish to thank all the members of the Compact and others who made the Compact funds possible. The funds were absolutely essential for us to have conducted the survey last year. Of course, we will continue the survey on our own in future years but did need the boost for last year.

Sincerely yours,

Arthur H. Mason  
State Entomologist

AHM/fk

FINAL REPORT TO THE INTERSTATE PEST CONTROL COMPACT  
 RELATIVE TO A SCLERODERRIS CANKER DETECTION SURVEY IN  
 NEW HAMPSHIRE

A Pest Control Compact fund in the amount of \$900. was provided to the New Hampshire Department of Agriculture during 1977. The purpose of this fund was to supplement State transportation funds in support of an intensive detection survey for Scleroderris Canker in New Hampshire. In addition, to provide out-of-state travel expenses for two regulatory personnel from New Hampshire to New York to familiarize themselves with the symptoms and problems of Schleroderris Canker in that State.

During the period of time from July 15, 1977 to December 31, 1977 the three northernmost counties in New Hampshire were surveyed for Scleroderris Canker with negative findings. These counties were selected as the most geographically prone areas to find the disease. All Compact funds provided were expended as outlined in the Morandum of Understanding between the Pest Control Compact and the New Hampshire Department of Agriculture. Details of these expenditures are as follows:

|   | Compact Funds | State Funds,<br>exclusive of<br>Salaries |
|---|---------------|--|
| Out-of-state travel, New Hampshire Department of Agriculture personnel from New Hampshire to New York, September 12, 1977.  | \$140.09      | 0  |
| In-state travel, New Hampshire Department of Agriculture personnel on Scleroderris Survey between July 15, 1977 and December 31, 1977 (approximately 4,000 miles, estimated cost per mile 21¢). | \$759.91*     | \$80.09                                  |

\*Funds scheduled for laboratory analysis (\$300) were applied to in-state travel.

A total of 24 Scotch and red pine plantations were examined in 17 towns throughout the northern three counties during the 1977 period. Scleroderris canker surveys by State personnel will be a continuous program during the next few years.

Details of the survey are attached.

SCLERODERRIS CANKER SURVEY

State of New Hampshire

GRAFTON COUNTY

| <u>Town</u> | <u>Owner Address or Location</u>                     | <u>Host Tree</u> | <u># Trees</u>                     | <u>Findings</u>                                     |
|-------------|--|------------------|------------------------------------|---|
| Benton      | Soc. for the Protection of<br>N. H. Forests, Rt. 112 | Scotch Pine      | 1-2 acres<br>6-10 yrs.             | Porcupine damage                                    |
| Benton      | State of N. H., Rt. 112                              | Scotch Pine      | 3-4 acres<br>40+ yrs.              | Healthy   |
| Campton     | Campton Sand & Gravel                                | Red Pine         | 3-4 acres<br>8-10 yrs.             | Healthy   |
| Campton     | Mr. King, N of exist 28<br>E of Rt. 92               | Scotch Pine      | $\frac{1}{2}$ -1 acre<br>8-10 yrs. | Healthy   |
| Campton     | State of N. H., just past<br>exit 28 on Rt. 93 N     | Scotch Pine      | $\frac{1}{2}$ acre<br>8-10 yrs.    | Healthy   |
| Haverhill   | Everett Henson, Airport Rd.                          | Scotch Pine      |                                    | Healthy   |
| Landaff     | Charles Larcomb, Landaff<br>Rd. off Rt. 302          | Scotch Pine      | 3-4 acres<br>6-10 yrs.             | Healthy   |
| Lebanon     | Poverty Lane, State Highway                          |                  |                                    |   |
| Lisbon      | George Phoss<br>Ash Hill Farm                        | Scotch Pine      | 10-20 yrs.<br>2+ acres             | Porcupine damage                                    |
| Littleton   | Moore Station Dam                                    | Scotch Pine      | 15 acres<br>15+ yrs.               | Pine needle cast (leaf blight)<br>Pine needle scale |
| Lyme        | William Nichols                                      | Scotch Pine      | 1 acre<br>8-15 yrs.                | Healthy   |
| Lyme        | Wagner Woodlands, N.<br>Thetford Rd., off Rt. 10     | Scotch Pine      | 5 acres<br>8-15 yrs.               | Diplodia twig blight                                |

| <u>Town</u>        | <u>Owner Address or Location</u>                   | <u>Host Tree</u> | <u># Trees</u>                   | <u>Findings</u>                                       |
|--------------------|--|------------------|----------------------------------|---|
| Orford             | Wagner Woodlands, Rt. 10                           | Red Pine         | 8-10 acres<br>50+ yrs.           | Healthy   |
| Plymouth           | Nelson Jacques, Rt. 3                              | Scotch Pine      | 4 acres<br>4-8 yrs.              | Healthy   |
| Plymouth           |  | Scotch Pine      | $\frac{1}{2}$ acre<br>10-20 yrs. | Healthy   |
| Swiftwater         | Morris Olsen, Rt. 112                              | Scotch Pine      | 2-4 acres<br>8-15 yrs.           | Brown spot (Diagnosis by UNH<br>Plant Pathology Lab.) |
| Thornton           | N Rt. 93 just before<br>Bridge 90                  | Red Pine         | 2-4 acres<br>8-12 yrs.           | Healthy   |
| Woodstock          | John Weedon, Rt. 175<br>off Rt. 93 exit 31         | Red Pine         | 25+ yrs.<br>6-10 acres           | Healthy   |
| Woodstock          | State of N. H., 1 mile N<br>of Weedon's on Rt. 175 | Red Pine         | 3-4 acres<br>8-12 yrs.           | Healthy   |
| <u>COOS COUNTY</u> |  |                  |                                  |   |
| Clarksville        | John Maxfield, Rt. 3                               | Scotch Pine      | 15+ acres<br>8-15 yrs.           | Healthy   |
| Dalton             | Lawrence Rogers                                    | Scotch Pine      | 3+ acres<br>15+ yrs.             | Healthy   |
| Groveton           | Groveton Paper Co.                                 | Red Pine         | 6-8 acres<br>20+ yrs.            | Healthy   |
| Pittsburg          | R. H. Randolph, Rt. 3                              | Scotch Pine      | 6-8 acres<br>10+ yrs.            | Heavy winter injury                                   |
| Pittsburg          | Formerly Claude Wheeler's<br>Rt. 3                 | Scotch Pine      | 6-10 acres<br>10+ yrs.           | Mound ant, winter injury                              |
| Pittsburg          | Claude Wheeler, Hall Stream Rd.                    | Scotch Pine      | 1 acre<br>10+ yrs.               | <u>Contarinia baeri</u>                               |