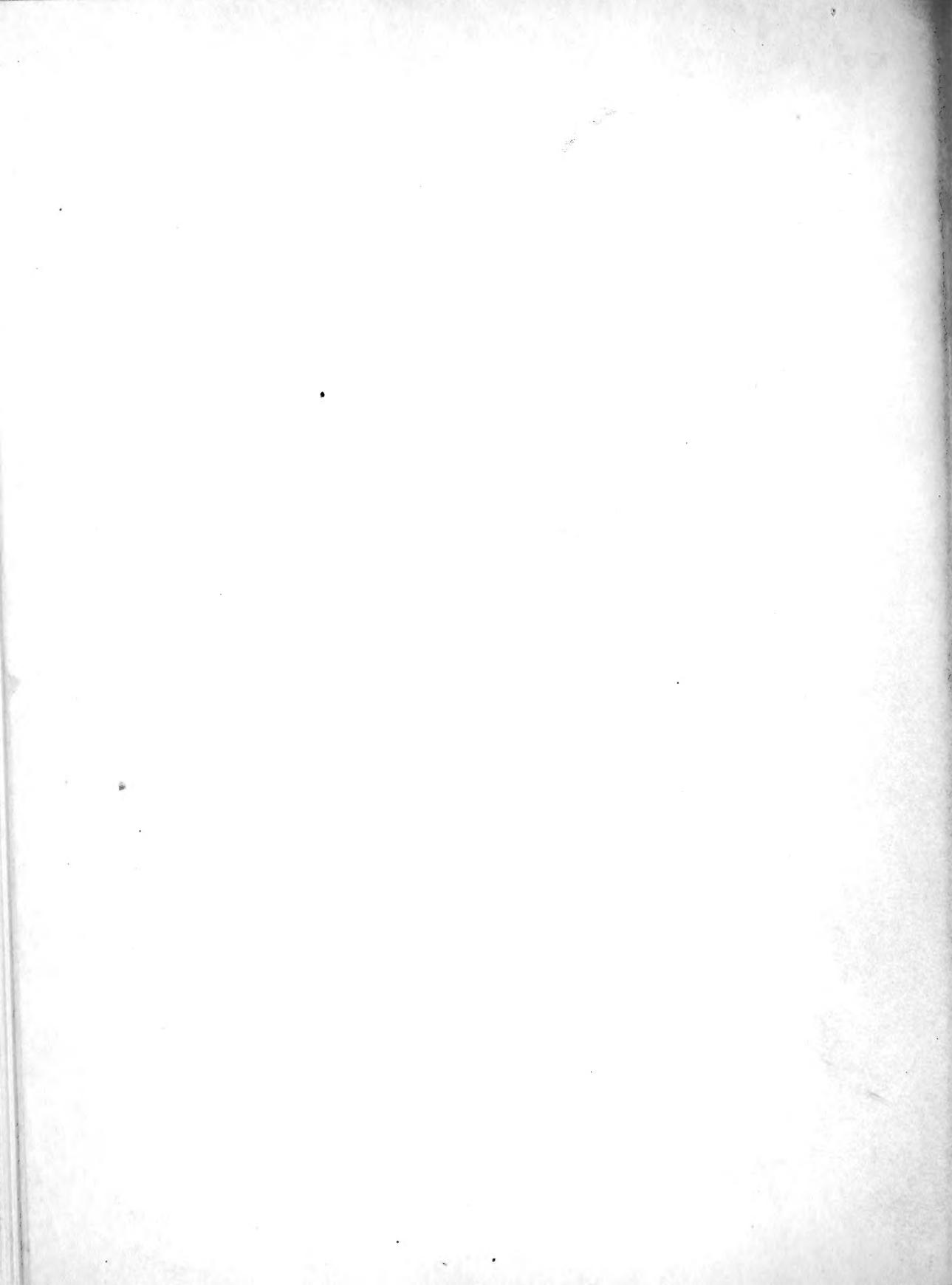
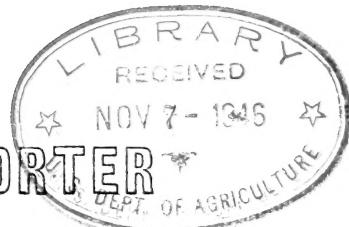


Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.



1.9
PbqP
Suppl.
cop. 2



THE PLANT DISEASE REPORTER

Issued By

Division of Mycology and Disease Survey

Supplement 78

Index to Supplements 75 - 77

December 31, 1930



BUREAU OF PLANT INDUSTRY

UNITED STATES DEPARTMENT OF AGRICULTURE

17
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

INDEX OF ORGANISMS AND NON-PARASITIC DISEASES
IN
THE PLANT DISEASE REPORTER
SUPPLEMENTS 75 - 77, 1930

Plant Disease Reporter
Supplement 78

December 31, 1930

Prepared by Nellie W. Nance

Actinomyces p., sweet potato, 45.
scabies, potato, 41
Albino (undet.), alfalfa, 22.
Albugo ipomoeae-panduranae, sweet
potato, 46.
tragopogonis, salsify, 60.
Alternaria sp., sweet potato, 46.
tomato, 48.
(allii), see *Macrosporium porri.*
solani, potato, 44.
tomato, 46, 88.
Aphanomyces cladogamus, tomato, 48.
euteiches, pea, 59, 84, 96.
tomato, 48.
Aphelenchus fragariae, strawberry,
36.
olesistus, *Begonia melior*, 96.
Aplanobacter insidiosum, alfalfa, 21.
michiganense, tomato, 48, 88.
stewartii, corn, 19.
Armillaria mellea, peach, 33.
Ascochyta sp., tomato, 48.
gossypii, cotton, 60.
iridis, *Iris germanica*, 73.
lycopersici, tomato, 47, 88.
pinodella, pea, 86.
pisi, pea, 86.
Ascospora rubi, raspberry, 37.

B

Bacillus amylovorus, apple, 27.
pear, 29.
carotovorus, cabbage, 53.
celery, 56.
phytophthusor, potato, 42.
tracheiphilus, cucumber, 55, 89.
muskmelon, 54.

Bacterial blight, bean, 49.
slimy rot, lettuce, 57.
soft rot, carrot, 81.
leaf speck (undet.), muskmelon, 54.
spot (undet.), crucifers, 53.
radish, 53.
turnip, 53.
Bacterium sp., bean, 86.
cabbage, 53.
filbert, 39.
angulatum, tobacco, 62.
apii, celery, 57, 81.
atrofaciens, wheat, 11.
campestre, 53.
cabbage, 53, 89.
campestre armoraciae, horse-radish,
53.
coronafaciens, oats, 17.
citra, citrus, 38.
juglandis, Persian walnut, 39, 91.
lachrymans, cucumber, 55, 89.
medicaginis, alfalfa, 22.
medicaginis phaseolicola, bean,
50, 86, 96.
kudzu, 23.
phaseoli, 53.
bean, 50, 86.
lima bean, 52.
pruni, peach, 32.
(puerariae), see *B. medicaginis*
phaseolicola.
solanacearum, Dahlia sp., 73.
tobacco, 62.
tomato, 48.
syringae, *Syringa* spp., 93, 94.
Syringa persica, 94.
Syringa vulgaris, 71, 94, 96.

tabacum, tobacco, 61.
 translucens undulosum, wheat, 10.
 tumefaciens, *Acer pseudoplatanus*,
 70.
 hops, 64.
 Lathyrus odoratus, 75.
 vesicatorium, tomato, 48, 88.
 vignae, lima bean, 52.
 Baldhead (non-par.), bean, 51.
 lima bean, 51.
 Basisporium gallarum, corn, 18, 19.
 Black-end (non-par.), pear, 30.
 Black joint, celery, 82.
 Black stem disease (undet.), alfalfa
 22.
 sweet clover, 22.
 Blast (undet.), oats, 17.
 Blossom-end rot (non-par.), tomato,
 48.
 Blossom wilt (non-par.) pear, 30.
 Blotch (undet.), grapefruit, 39.
 Botrytis sp., celery, 56.
 lettuce, 80, 81, 82.
 onion, 81.
 Syringa vulgaris, 72.
 cinerea, strawberry, 36.
 Bottom rot, lettuce, 81, 82.
 Breaking (virus), *Tulipa* spp., 75.
 Bremia lactucae, lettuce, 58, 80, 82.
 Brooming disease (virus), *Robinia*
 pseudacacia, 69.
 Brown root rot (undet.), tobacco, 62.
 Bud blight (undet.), cherry, 35.

C

Caconema radicicola, *Acer macrophyllum*, 70.
 beet, 56.
 celery, 56.
 Iris spp., 74.
 strawberry, 36.
 tomato, 49.
 Ceratostomella fimbriata, sweet
 potato, 45.
 Cercospora sp., bean, 52.
 carrot, 81.
 okra, 58.
 apii, celery, 56, 82.
 beticola, beet, 89.
 sugar beet, 63.
 zebrina, *Melilotus alba*, 96.

Cercospora albo-maculans, turnip, 54.
 Chlorosis (non-par.), apple, 29.
 Choanephora cucurbitarum, sweet potato,
 46.
 Cintractia caricis, *Carex muricata*, 96.
 Cladosporium carpophilum, peach, 32.
 vignae, cowpea, 23.
 Claviceps purpurea, barley, 15.
 oats, 17.
 rye, 12.
 wheat, 11.
 Cocomyces hiemalis, cherry, 35.
 Coleosporium domingense, *Plumeria acutifolia*, 70.
 (plumeriae), see *Coleosporium domingense*.
 solidaginis, *Pinus resinosa*, 91.
 Collar rot, tomato, 48.
 Colletotrichum sp., strawberry, 36.
 graminicolum, rye, 12.
 wheat, 10.
 linemuthianum, bean, 49, 86, 87.
 trifolii, alfalfa, 22.
 Corticium koleroga, fig, 39.
 vagum, see also *Rhizoctonia solani*.
 lima bean, 52.
 lettuce, 57.
 potato, 44.
 Coryneum beijerinckii, cherry, 35.
 peach, 34.
 negundinis, *Acer saccharum*, 91, 96.
 Cracked stem (non-par.), celery, 57.
 Crinkle-joint (undet.), wheat, 11.
 Cronartium comptoniae, *Myrica gale*, 68.
 Pinus spp., 68.
 Pinus contorta, 68.
 ribicola, 67.
 gooseberry, 38.
 Curly-top (virus), sugar beet, 63.
 Cylindrosporium pomi, apple, 27.
 Cytopsora chrysosperma, *Salix caprea*
 91.
 syringae, *Syringa vulgaris*, 91.

D

Damping-off, beet, 89.
 tomato, 49, 87.
 sugar beet, 64.
 Dasyscypha sp., Douglas fir, 66.
 Pinus ponderosa, 66.
 fusco-sanguinea, *Pinus monticola*, 69.

Dasyscypha (Cont.)
willkommii, *Larix*, 66.
 Diamond canker, plum and prune, 34.
 Diaporthe conorum, conifers, 65.
(occulta), see *D. conorum*.
(pitya), see *D. conorum*.
umbrina, *Rosa spp.*, 72.
 Didymella lycopersici, tomato, 47.
 Didymellina macrospora, iris, 94.
 Die-back, *Acer saccharum*, 91.
 tomato, 47.
 Diplocarpon earliana, strawberry, 36.
rosae, *Rosa spp.*, 72.
 Diplodia tubericola, sweet potato, 46.
zeae, corn, 18.
 Diplodina lycopersici, tomato, 47.
 Dothichiza populea, *Populus nigra*
italica, 91.
 Dothidea tetraspora, *Maclura aurantiaca*, 91.
 Drought injury, celery, 82.
 Dying (undet.), raspberry, 37.

E

Ear rots, corn, 18.
 Endothia parasitica, *Castanea dentata*, 69.
 Entyloma alismacearum, *Alisma plantago-aquatica*, 96.
australe, *Physalis sp.*, 95, 96.
Physalis pruinosa, 95, 96.
Physalis subglabrata, 95.
Solanum sp., 95.
Solanum nigrum, 95.
Solanum triflorum, 95.
 lobeliae, *Lobelia inflata*, 95.
 Erysiphe sp., cucumber, 55.
graminis, barley, 15.
 wheat, 11.
 Exoascus deformans, peach, 31.

F

Fabreaa maculata, pear, 30.
 False blossom (virus), cranberry, 38.
 Frenching (undet.), tobacco, 62.
 Fruit rot, strawberry, 36.
 Fusarium sp., bean, 51.
 celery, 56.
 corn, 18.
 cowpea, 23.

Fusarium sp. (Cont.)
 golden seal, 65.
 Narcissus spp., 74.
 okra, 58.
 onion, 58.
 pea, 85.
 potato, 44.
 spinach, 82.
 sugar beet, 63.
 sweet potato, 45.
conglutinans, cabbage, 53.
 kale, 53.
callistephi, *Callistephus chinensis*, 73.
 lini, flax, 20.
lycopersici, tomato, 47, 88.
martii, cowpea, 23.
 pea, 59.
martii phaseoli, bean, 87.
Phaseolus vulgaris, 96.
moniliforme, corn, 18.
orthoceras pisi, pea, 59.
tracheiphilum, cowpea, 23.
 Fusicladium radiosum, *Populus grandidentata*, 96.
saliciperdum, *Salix spp.*, 70, 71,
 see also *Venturia chlorospora*.

G

Gibberella saubinetii, barley, 15.
 corn, 18.
 rye, 12.
 wheat, 9.
 Girdle (undet.), alfalfa, 22.
 Gloeodes pomigena, apple, 27.
 Gloeosporium sp., *Acer palmatum rubrum*, 90.
Acer platanoides schwedleri, 90.
Betula lutea, 90.
Fagus grandifolia, 90.
Salix alba vitellina, 90.
allantosporum, raspberry, 37.
catalpae, catalpa, 90.
Catalpa speciosa, 96.
perennans, apple, 28.
 pear, 30.
Tiliae, European linden, 91.
Tilia cordata, 96.
 Glomerella cingulata, apple, 26.
 pear, 31.

- Gnomonia veneta, oak, 90.
 Graphium ulmi, Ulmus spp., 70.
 Gray disease (virus), Narcissus spp.,
 74.
 Guignardia aesculi, horse-chestnut, 90.
 bidwellii, grape, 35.
 vaccinii, Kalmia latifolia, 91.
 Gymnosporangium bladaleanum, pear, 31.
 germinale, apple, 25.
 juniperi-virginianae, apple, 25.

H

- Heat canker (non-par.), flax, 21.
 Helminthosporium spp., wheat, 11.
 californicum, barley, 14.
 gramineum, barley, 14.
 sativum, barley, 15.
 wheat, 10.
 teres, barley, 15.
 turgicum, corn, 20.
 (Heterodera radicicola) see Cacnema
 radicicola.
 Heterodera schachtii, sugar beet, 63.
 Heterosporium gracile, Belamcanda chi-
 nensis, 95.
 iris, 94.
 Iris versicolor, 95.
 Hopperburn (leafhopper), potato, 43.

I

- Infectious chlorosis (virus), Rosa spp.,
 72.

K

- Kabatiella microsticta, Iris germanica,
 73.

L

- Leaf blight, Salix alba vitellina, 90.
 Leaf curl (virus), raspberry, 37.
 Leaf roll (non-par.), tomato, 88.
 Leaf roll (virus), potato, 41.
 Leaf scorch (non-par.), Acer saccharum,
 91.
 Lentinus lepideus, Pinus banksiana, 69.
 Pinus contorta, 69.
 Pinus lambertiana, 69.
 Pinus ponderosa, 69.

- Leptosphaeria coniothyrium, Rosa
 spp., 72.
 sacchari, sugar cane, 62.
 Lime chlorosis (non-par.), apple, 29.
 Little peach (virus), peach, 33.
 Lumpy rind (undet.), citrus, 39.

M

- Macrophoma candollei, Buxus semper-
 virens, 71.
 phaseoli, bean, 51.
 Macrosporium cucumerinum, muskmelon,
 54.
 parasiticum, onion, 56.
 porri, onion, 58.
 (sarcinula parasiticum), see M.
 parasiticum.
 tomato, tomato, 49.
 Melampsora lini, flax, 20.
 Microsphaera alni, Lathyrus palus-
 tris, 96.
 Monilochaetes infuscans, sweet
 potato, 46.
 Mosaic, apple, 29.
 bean, 50, 86.
 beet, 55.
 bulbous iris, 74.
 corn, 20.
 crucifers, 52.
 cucumber, 55, 89..
 Dahlia sp., 73.
 eggplant, 57.
 Iris spp., 74.
 lettuce, 58, 80, 81, 82.
 Lilium spp., 74.
 lima bean, 52.
 Mertensia virginica, 75.
 muskmelon, 54.
 Narcissus spp., 74.
 pepper, 59.
 potato, 41.
 raspberry, 37.
 rose, see Infectious chlorosis.
 rhubarb, 59.
 strawberry, 36.
 sugar cane, 62.
 sweet potato, 46.
 tobacco, 61.
 tomato, 49, 87.
 Mycosphaerella brassicicola, cauli-
 flower, 53.

Mycosphaerella (Cont.)

- fragariae, strawberry, 37.
- grossulariae, gooseberry, 38.
- pinodes, pea, 59, 85.
- sentina, pear, 31.

N

- Nectria cinnabarina, apple, 29, 96.
- Nematospora phaseoli, lima bean, 52.
- Neofabrea malicorticis, apple, 20.
- New disease (undet.), potato, 42.

O

- Oospora sp., citrus, 39.
- Ophiobolus graminis, wheat, 11.
- Orobanche ramosa, tomato, 48.

P

- Penicillium gladioli, Gladiolus spp., 73.
- Peridermium sp. (Woodgate rust),
Pinus spp., 68.
Pinus sylvestris, 68.
cerebrum, 68.
harknessii, 68.
- Peronospora manshurica, soybean, 23.
parasitica, cabbage, 53.
polygoni, Polygonum scandens, 96.
schachtii, beet, 55.
sugar beet, 64.
schleideni, onion, 58, 80, 81, 82.
(sojae) see P. manshurica.
trifoliorum, alfalfa, 22.
(trifoliorum manshurica) see P.
manshurica.
- Phacidium tini, Viburnum cassinoides, 96.
- Phlyctaena linicola, flax, 20.
- Phoma sp., onion, 81.
betae, sugar beet, 63.
destructiva, tomato, 47, 88.
lingam, cabbage, 52, 89.
terrestris, onion, 58.
- Phomopsis juniperovora, Chamaecyparis spp., 65.
Cupressus spp., 65.
Cupressus funebris, 65.
Juniperus spp., 65.
Juniperus virginiana, 65.
Thuja spp., 65.

Phomopsis (Cont.)

- occulta, Abies, 65.
Cryptomeria, 65.
Cupressus, 65.
Juniperus, 65.
Larix, 65.
Picea, 65.
Pinus, 65.
Pseudotsuga, 65.
Sequoia, 65.
Taxodium, 65.
Taxus, 65.
Thuja, 65.
Thujopsis, 65.
Tsuga, 65.
vexans, eggplant, 57.
- Phony peach, (virus), peach, 33.
- Phragmidium imitans, raspberry, 37.
- Phyllosticta batatas, sweet potato, 46.
lantanoides, Viburnum dentatum, 96.
solitaria, apple, 25.
- Phymatotrichum omnivorum, alfalfa, 21.
citrus, 39.
cotton, 60.
grape, 36.
- Physalospora malorum, apple, 26.
miyabeana, Salix spp., 71.
- Physoderma zeae-maydis, corn, 20.
- Phytophthora sp., muskmelon, 54.
tomato, 48.
- cactorum, Lilium spp., 74.
Rhododendron spp., 72.
Syringa vulgaris, 72.
cinnamomi, Rhododendron spp., 72.
infestans, potato, 40.
tomato, 47.
- nicotianae, eggplant, 57.
omnivora, pepper, 59.
syringae, lilac, 72, 94, 96.
terrestris, tomato, 48.
- Pink root, onion, 82.
- Plasmiodiphora brassicae, cabbage, 52, 89.
cauliflower, 53.
- Plasmopara viticola, grape, 35.
- Plectodiscella veneta, raspberry, 37.
- Pleosphaerulina briosiana, alfalfa, 22.
- Podosphaera leucotricha, apple, 29.
- Polyporus balsameus, Abies balsamea, 66.

- Polyporus* (Cont.)
circinatus, *Larix occidentalis*, 66.
Picea engelmanni, 66.
Picea mariana, 66.
Pinus monticola, 66.
Pseudotsuga taxifolia, 66.
Tsuga heterophylla, 66.
Polyspora herbarum *iridis*, *Iris* spp., 74.
Premature dying (undet.), *raspberry*, 37.
(*Pseudomonas apii*), see *Bacterium apii*,
Puccinia anomala, *barley*, 13.
coronata, *oats*, 16.
cyani, *Centaurea cyanus*, 96.
dispersa, *rye*, 12.
graminis, *barley*, 13.
oats, 16.
rye, 12.
wheat, 8, 90.
sorghi, *corn*, 20.
sweet corn, 88.
thalictri, *Thalictrum polygonum*, 96.
triticina, *wheat*, 9, 90.
Pseudomonas papulans, *apple*, 28.
Pseudoperonospora cubensis, *cucumber*, 55.
musk-melon, 54.
humuli, *hops*, 64.
Pseudopeziza medicaginis, *alfalfa*, 22.
Pseudopeziza trifolii, *Trifolium prae-*
tense, 96.
Pyrenopeziza medicaginis, *alfalfa*, 22.
Pythium sp., *corn*, 18.

R

- Ramularia aromatica*, *Acorus calamus*, 96.
Rhizoctonia sp., *bean*, 52.
carrot, 81.
kudzu, 24.
potato, 44.
sugar beet, 63.
tomato, 48.
solani, *bean*, 87.
cabbage, 89.
lettuce, 80, 81, 82, 83.
pea, 85.
rutabaga, 54.
tomato, 49.
turnip, 54.
- Rhizopus nigricans*, *peach*, 34.
sweet potato, 46.
Rhynchosporium secalis, *barley*, 15.
Ring spot (virus), *tobacco*, 62.
Root rot, *bean*, 51.
corn, 18, 89.
horse-radish, 53.
pea, 59, 85.
sugar beet, 63.
strawberry, 37.
sweet corn, 89.
Rosette (undet.), *New Zealand spinach*, 58.
peach, 34.
Rust (non-par.), *celery*, 57.

S

- Schizophyllum commune*, *apple*, 29.
Sclerospora graminicola, *corn*, 20.
macrospora, *barley*, 15.
Sclerotinia sp., *carrot*, 81.
lettuce, 58, 82.
Vicia earvillea, 23.
Vicia monantha, 23.
cinerea, *cherry*, 34.
fructicola, *apple*, 29.
cherry, 34.
fig, 39.
peach, 31.
plum and prune, 34.
sclerotiorum, *anise*, 55.
cabbage, 53.
celery, 56.
trifoliorum, *alfalfa*, 22.

- Sclerotium bataticola*, *sweet potato*, 46.
delphinii, *Iris* spp., 74.
rolfsii, *musk-melon*, 54.
pepper, 59.
potato, 42.
sweet potato, 46.
tomato, 49.
Scolecoctrichum graminis, *Alopecurus geniculatus*, 96.
Septoria apii, *celery*, 57, 81, 82.
lycopersici, *tomato*, 46, 87, 96.
nodorum, *wheat*, 10.
secalis, *rye*, 12.
tritici, *wheat*, 10.
Slimy rot (bacterial), *lettuce*, 57.

Sphaceloma ampelinum, grape, 35.
Sphacelotheca sorghi, sorghum, 21.
Sphaerotheca humuli, *Filipendula rubra*, 96.
 raspberry, 37.
 mors-uvae, gooseberry, 38.
 pannosa, peach, 34.
Spindle tuber (virus), potato, 42.
Sporotrichum malorum, apple, 28.
Spray injury, apple, 29.
 peach, 34.
Stem girdle (undet.), lettuce, 81,
 82.
Stemphylium sp., tomato, 47.
Stigmina platani, *Platanus orientalis*, 70.
Platanus racemosa, 70.
Storage rot, sugar beet, 64.
 sweet potato, 45.
Streak (virus), raspberry, 37.
 tomato, 49.
Stunt (virus), *Dahlia* sp., 73.
Sunscald (non-par.), tomato, 88.

T

Taphrina coerulescens, oak, 91.
Thielavia basicola, tobacco, 62.
Tilletia spp., Field Survey, 97,
 139.
 wheat, 6.
laevis, wheat, 6.
tritici, wheat, 6.
Tipburn (non-par.), cabbage, 52, 89,
 lettuce, 58, 81, 82.
 potato, 43.
Twig blight, *Acer saccharum*, 91.
Salix alba vitellina, 90.
Tylenchus dipsaci, *Iris* spp., 73.
Narcissus spp., 74.
Narcissus poeticus ornatus, 74.
 onion, 58.
Phlox spp., 75.
 wheat, 11.
Typhula graminum, wheat, 11.

U

Uncinula australiana, *Lagerstroemia indica*, 71.
 necator, grape, 35.
Urocystis cepulae, onion, 58, 80,
 82, 83.
tritici, wheat, 8.

Uromyces appendiculatus, bean, 52.
 medicaginis, alfalfa, 22.
Ustilagoidea virens, corn, 20.
Ustilago avenae, oats, 15.
 hordei, barley, 12.
 levis, oats, 15.
 nuda, barley, 12.
tritici, wheat, 7, 90.
zeae, corn, 17.
 sweet corn, 88.

V

Venturia chlorospora, *Salix* spp., 91,
 92.
Salix cordata, 96.
Salix fragilis, 96.
Salix sericea, 96.
inaequalis, apple, 24.
pyrina, pear, 30.
Pyrus communis, 96.
Verticillium sp., raspberry, 37.
albo-atrum, cotton, 60.
 eggplant, 57.
okra, 58.
Virus diseases, strawberry, 37.
Volutella buxi, *Buxus sempervirens*, 71.

W

Weather injury, apple, 29.
White spot (non-par.), alfalfa, 22.
Wilt (undet.), cotton, 61.
 lettuce, 58, 80.
Winter injury, alfalfa, 21.
 cherry, 35.

Y

Yellow dwarf (virus), onion, 58.
Yellow dwarf (undet.), potato, 43.
Yellows, alfalfa, 22.
Yellows (virus), *Callistephus chinensis*, 73.
 carrot, 56, 81.
 celery, 56.
 lettuce, 57, 60, 81, 82.
 peach, 33.
 salsify, 59.

