



15/4/19
Liberal Arts and Sciences
Botany
Plant Pathology Slides, 1914-40

PP Slides, Dr. Black

Slide # Subject

| | |
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| 1 | History of plant disease, important dates |
| 1a | T.J. Burrill inspecting tree |
| 2a | T.J.B. about 1914 |
| 3 | T.J.B.'s original twigs used in blight transmission research |
| 4 | T.J.B. & photomicrographic camera, 1880s |
| 5 | Microscopes used in the Hottes botanical lab |
| 6 | Bacteriological Lab in University Hall basement, 1880s |
| 7 | "Entomology, Botany & Horticulture" doorplate made for T.J.B.'s office by a student |
| 8 | A.B. Seymour '81 |
| 9 | Dr. G.P. Clinton |
| 10 | Bacterial wilt of corn, 1831 |
| 11 | Bacterial wilt of corn, 1932 |
| 12 | Bacterial wilt of sweet corn |
| 13 | Bacterial stewavti |
| 14 | Corn ear rots |
| 15 | Corn ear rots (U.S.) |
| 16 | Corn ear rots (Indiana) |
| 17 | Bunt-losses |
| 18 | Bunt-losses |
| 19 | Bunt-losses |
| 20 | Stem Rust of wheat |
| 21 | Potatoe Blight |
| 22 | Potatoe Blight, 1884 |
| 23 | Potatoe Blight, 1845 |
| 24 | Sweet potatoe roots |
| 25 | Storage roots of sweet potatoes |
| 26 | Sweet potatoe roots |
| 27 | Sugar beet yield |
| 28 | Tree |
| 29 | White pine blister rust |
| 30 | Small tree |
| 31 | Cronartium ribicola on Pinus Strobus |
| 32 | Cronartium ribicola of Pinus Strobus |
| 33 | Tree limb |
| 34 | Cronartium ribicola host and mycelium relations |
| 35 | Cronartium ribicloa II uredinium x 500 |
| 36 | Cronartium ribicola III short mature telial column |

- 37 Botany Field party
- 38 Pine tree
- 39 *Cronarium ribicola* on ribes
- 40 *Cronarium ribicloa* on ribes spp.
- 41 White pine (Bitter rust effect)
- 42 White pine (Bitter rust effect)
- 43 Nectrial canker on red maple
- 44 *Formes Pini* heartwood of Douglas Fir
- 45 *Formes Pini* *Pinus contronta*
- 46 Rotted due to moisture on foundation
- 47 Peach brown rot
- 48 Peach brown rot
- 49 Peach brown rot
- 50 Peach brown rot
- 51 Brown rot on peaches
- 52 Apple scab
- 53 Reduction in squalad
- 54 Cranberry rots on Cape Cod
- 55 Cranberry leaf hoppers
- 56 History of False Blossom
- 57 Downy Mildew of tobacco, 1921-31
- 58 Downy Mildew of tobacco, 1932
- 59 Downy Mildew of tobacco, 1933
- 60 Downy Mildew of tobacco, 1934-35
- 61 Downy Mildew of tobacco, 1936-37
- 62 Diseased Elm, Rotterdam
- 63 *C. Ulmi* on *Ulmus*
- 64 Dutch Elm disease in U.S.
- 65 *C. Ulmi* on *Ulmus*, Notley, N.J.
- 66 Burl-elm log imported from France
- 67 Dutch Elm disease infestation in New York City area, 1933-36
- 68 Dutch Elm disease infestation areas, 1930-38
- 69 Dutch Elm disease area, 1940
- 69a Migration of Dutch Elm disease, Ney York to Ohio Valley, 1937
- 70 *Bacteria Stewarti* single colony isolated
- 71 Disease migration in U.S.
- 72 Migration in world
- 73 Annual amount of damage due to spot, smut, rust and blight, 1885-1904
- 74 Chesnut blight U.S. map showing pole woods
- 74a Chesnut blight U.S. map showing pole woods
- 75 Estimated wheat smut losses, 1917-37 (map)
- 76 Estimated wheat bunt losses, 1917-37 (graph)
- 77 Migration of Colorado potato beetle
- 78 Migration of Colorado potato beetle

| <u>Slide #</u> | <u>Subject</u> |
|----------------|------------------------------------|
| 1 | Strains of wheat rust |
| 2 | Potatoe wart |
| 3 | Plasmodium Brassicae |
| 4 | Plasmodium Brassicae |
| 5 | Slime mould |
| 6 | Potatoe scab |
| 16 | B. Solanacearum Doltuna |
| 19 | B. Pruni-Plum |
| 23 | B. Campestris-Cabbage |
| 24 | Yellow peach |
| 25 | Curly top/Health beets |
| 26 | Sugar beet affected with curly top |
| 27 | Tobacco leaf affected with mosaic |
| 28 | Tobacco mosaic |
| 29 | Tobacco mosaic |
| 30 | Tobacco mosaic |
| 31 | Mistletoe |
| 32 | Ergot on rye |
| 33 | Tilletia |
| 34 | Tree surgery |
| 35 | Effect on stem rust |
| 36 | Cabbage yellow - late stage |
| 37 | Peach curl |
| 38 | Peach brown rot |
| 39 | Peach brown rot |
| 40 | Muskmelon resistance |
| 41 | Melon and rot |
| 42 | Bean pod spot |
| 43 | Bean pod spot |
| 44 | Bean pod spot |
| 45 | Bean pod spot |
| 46 | Peach scab |
| 47 | Blue mold on lemon |
| 48 | Black heart potatoe |
| 49 | Asparagus rust-dates |
| 50 | Physodemma zae-maydis |
| 51 | Eupusa on grasshopper |
| 52 | Dermato phytosis (effect) |