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Alan Stone

JUNE, 1914

BULLETIN 348

CORNELL UNIVERSITY
AGRICULTURAL EXPERIMENT STATION OF
THE COLLEGE OF AGRICULTURE
Department of Entomology

A BIBLIOGRAPHY OF THE WRITINGS OF
PROFESSOR MARK VERNON SLINGERLAND

By M. D. LEONARD

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M. V. Stryerland

PROFESSOR MARK VERNON SLINGERLAND

Professor Slingerland, a list of whose scientific writings follows, played a very important part in the more recent development of economic entomology in this country — that development which followed the establishment of the federal agricultural experiment stations. He was one of that large group of young men who found opportunities to devote themselves to scientific work through the establishment of these stations, and who by their efforts have proved the wisdom of such governmental aid to agriculture.

Professor Slingerland's call to his life work came to him suddenly and with irresistible force. When he came to Cornell he knew nothing of entomology. In speaking of this fact afterward he said that when he entered the University he did not know that a butterfly was developed from a caterpillar. During his freshman year he listened to a lecture on the transformations and habits of insects, and the wonders of the insect world took such a deep hold on his imagination that he could not sleep during the following night. From that moment there was no doubt in his mind of what his life work should be.

At this time he was defraying his college expenses by taking care of the then recently erected insectary. Opportunity was soon given him to take part in the entomological work that was being conducted in this building. He proved to be so efficient in this work that while yet an undergraduate he was made Assistant Entomologist of the Experiment Station.

This appointment was made in 1890. During that year and the year following, bulletins on fruit insects and on wireworms were published jointly by the writer of this sketch and Mr. Slingerland. After the publication of these bulletins the entomological work of the experiment station was conducted almost entirely by Mr. Slingerland, and the work remained in his charge until his death.

In 1892 Mr. Slingerland completed his college course, graduating with the degree of B.S. in Agr. At this time he was given the rank of Instructor in Entomology; and in 1899 he was made Assistant Professor of Economic Entomology, which position he held until his death on March 11, 1909.

Professor Slingerland's life was an exceedingly active one. In the seventeen years that intervened between his graduation and his death, he faithfully performed the duties of a teacher and found time for researches that made for him an international reputation.

The bulletins that he published were in a marked degree monographic. Instead of writing about many insects he selected a few and discussed them thoroughly, working up as far as possible every detail in the life history of the species studied. A striking feature of Professor Slingerland's bulletins is the excellence of the illustrations; he spared neither time nor care in photographing entomological subjects, and acquired a remarkable degree of skill in this field.

Although his work is characterized by the highest degree of scientific accuracy, he never forgot that the object of his work was to aid those who till the soil. He never allowed his interests in the purely scientific aspects of the subjects studied to cause him to neglect the practical applications of the results obtained. A marked instance of this was his invention of the Spray Calendar; for he devised the first tabular calendar arrangement of spraying suggestions. This was printed and used at farmers' institutes in 1894. The value of this method of publication was apparent at once and the method has been generally adopted by experiment stations.

As a teacher Professor Slingerland was clear, direct, and painstaking. He had the keenest interest in the needs of each individual student. In the last conversation that the writer had with him, only a few hours before his death, he discussed the work of several of his students. Even at that hour, when it was evident to others that the end was near, his thought was not of himself but of his students.

In this manner closed the life of one who, although given but few years in which to work, accomplished much; and who endeared himself to his fellow workers by his sterling qualities as a man and a friend.

J. H. COMSTOCK

A BIBLIOGRAPHY OF THE WRITINGS OF PROFESSOR
MARK VERNON SLINGERLAND

M. D. LEONARD

1890

- From the egg to the cabinet. Cornell mag. 3:68-74.
Insects injurious to fruits. By J. H. Comstock and M. V. Slingerland.
Cornell Univ. Agr. Exp. Sta. Bul. 23:101-126.

1891

- Wireworms. By J. H. Comstock and M. V. Slingerland. Cornell Univ.
Agr. Exp. Sta. Bul. 33:191-272.
The horn fly. Cornell Univ. Agr. Exp. Sta. Bul. 37:378-381.
Still another pear pest described! Oswego daily times, June 6.
Pear-leaf blister mite and bud moth.
The hop louse. Oneida dispatch, June 6.

1892

- Caterpillars. A threatened tree scourge in Rochester. Post-express
[Rochester, New York], October 31.
White-marked tussock-moth.
Drasteria erichto. Ent. news 3:63.
The bean weevil. Insect life 5:86.
Drasteria erechtea. Insect life 5:87.
The pear-tree psylla. Insect life 5:100-104.
The pear-leaf blister mite. Insect life 5:104.
The pear-tree psylla. Cornell Univ. Agr. Exp. Sta. Bul. 44:159-186.
The black peach-aphis. Cornell Univ. Agr. Exp. Sta. Bul. 49:325-331.

1893

- The bud moth. Cornell Univ. Agr. Exp. Sta. Bul. 50:1-29.
The four-lined leaf-bug. Cornell Univ. Agr. Exp. Sta. Bul. 58:205-239.
The pear-leaf blister. *Phytoptus pyri*. Cornell Univ. Agr. Exp. Sta.
Bul. 61:317-328.
Notes from the Cornell insectary. I. Some results of a trap lantern
experiment. Can. ent. 25:81-86, tables 1-3.

1893 (continued)

- Notes from the Cornell insectary. II. Some observations upon plant lice. Science **21**:48-49.
- Notes from the Cornell insectary. III. Some observations upon two species of *Bruchus*. Psyche **6**:445-449, pl. 16.
Bruchus obtectus and *B. quadrimaculatus*.
- Facts about the Cornell mixture. Amer. agr. **52**:604.
- The Cornell mixture. Science **22**:105-106. /
- A new pest to cows. New York homestead **27**:321.
The horn fly(?).
- Pests and the way to exterminate them. Troy daily press, September 1.
Elm leaf-beetle.
- Save the trees. Insect enemies that can now be fought effectually. Post-express [Rochester, New York], May 4.
White-marked tussock-moth.
- Protect the trees. Post-express [Rochester, New York], May 5.
White-marked tussock-moth.
- The caterpillar pest. Post-express [Rochester, New York], May 9.
White-marked tussock-moth.
- The caterpillar pest. Post-express [Rochester, New York], May 17.
White-marked tussock-moth.
- The caterpillar pest. Post-express [Rochester, New York], May 18.
Portion of above letter quoted.
- Poison this peach eater. Rural New-Yorker **52**:381.
May beetles(?).
- To kill insects in grain. Rural New-Yorker **52**:493.
Angoumois grain moth, Mediterranean flour moth, or Indian meal moth(?).
- Benzine for the clothes moth. Rural New-Yorker **52**:509.
- The "seventeen-year locust" in its hole. Rural New-Yorker **52**:509.
- The wonderful winged ants. Rural New-Yorker **52**:588.
- How to fight grasshoppers. Rural New-Yorker **52**:588.
- Do bats bring bedbugs? Rural New-Yorker **52**:588-589.
- Crawfish after all. Rural New-Yorker **52**:606.
Cambarus diogenes(?).
- All about the wheat midge. Rural New-Yorker **52**:652.
- Life and habits of "devil bugs." Rural New-Yorker **52**:652.
Hag-moth caterpillar.
- Apple-twig borer on grapes. Rural New-Yorker **52**:685.
Amphicerus bicaudatus.
- Some dangerous bark beetles. Rural New-Yorker **52**:700.
Phlaotribus liminaris.
- Do bats bring bedbugs? Rural New-Yorker **52**:718.
- Jaws that are tougher than hickory! Rural New-Yorker **52**:781.
Oncideres cingulata.
- Two bad apple enemies. Rural New-Yorker **52**:816.
Chionaspis furfura and *Trypeta pomonella*.

1894

- A talk about wireworms. Rural New-Yorker 53:68.
- A bad grapevine pest. Rural New-Yorker 53:84.
Desmia funeralis.
- Bees on potatoes and grapes. Rural New-Yorker 53:100.
- To keep moths from wool. Rural New-Yorker 53:101.
- Apple tree canker; grape beetles and bloom. Rural New-Yorker 53:151.
Graptoidea chalybea.
- Codling moth; hen manure for orchard. Rural New-Yorker 53:158.
- Will fertilizers kill insects? Rural New-Yorker 53:184-185.
- The facts about nozzles and sprayers. Rural New-Yorker 53:253.
- Life and death of the white grub. Rural New-Yorker 53:281.
- Insect enemies of clover. Rural New-Yorker 53:281.
Hyalasinus trifolii.
- Buffalo tree-hopper on apples. Rural New-Yorker 53:297.
- A talk about plant lice. Rural New-Yorker 53:361.
- To destroy bark lice in Canada. Rural New-Yorker 53:361.
Oyster-shell bark-louse.
- Oyster-shell bark-louse on apples. Rural New-Yorker 53:361.
- To prevent buffalo bugs. Rural New-Yorker 53:383.
- Plant lice on oats. Rural New-Yorker 53:409.
The grain aphid.
- Harmless insects accused. Rural New-Yorker 53:425.
Podabrus rugulosus(?).
- An insect brought from the World's Fair. Rural New-Yorker 53:425.
Angoumois grain moth.
- Insects on hollyhocks. Rural New-Yorker 53:457.
Chrysomela sigmoides and *Corythuca fuscigera*.
- The periodical cicada, or 17-year locust. Rural New-Yorker 53:470,
488, fig. 122.
- Clover mite working on raspberries. Rural New-Yorker 53:568.
Bryobia pratensis(?).
- Potato stalk insects. Rural New-Yorker 53:569.
Gortyna nitella and *Trichobaris trinotata*.
- Leaf-feeding beetle; a disgusting insect. Rural New-Yorker 53:569.
Chelymorpha argus.
- Insects that destroy woolen cloth. Rural New-Yorker 53:600-601.
Tineola biselliella, *Tinea pellionella*, and *T. tapetzella*.
- A new insect in a well. Rural New-Yorker 53:617.
May-fly larva(?).
- A stinging caterpillar. Rural New-Yorker 53:646, fig. 170.
Automeris io.
- Chicken mites on a horse. Rural New-Yorker 53:665.
- The new plum pest: the plum scale. Rural New-Yorker 53:711.
Lecanium corni.
- To get rid of ants. Rural New-Yorker 53:777.
- The harlequin cabbage bug in winter. Rural New-Yorker 53:793.

1894 (continued)

- Can we poison wireworms? Rural New-Yorker 53:809.
- Night prowling peach pests. National nurseryman 2:57-58.
Climbing cutworms.
- The periodical cicada, or locust. Farmer's advocate [London, Ontario] 29:225.
- Grape vine flea beetle. Grape belt [Fredonia, New York], June 15.
(Reprinted from the North East advertiser, North East, Pennsylvania, May 26, 1894.)
- Bugs and things. Grape belt [Fredonia, New York], June 22.
Lecanium sp.
- A new plum plague. Rochester herald, October 31.
Lecanium corni.
- The bud moth and pear psylla. West. New York Hort. Soc. Proc. 39:140-143.
- [No title.] Ent. news 5:17.
Pæcilocapsus lineatus.
- The cabbage root maggot, with notes on the onion maggot and allied insects. Cornell Univ. Agr. Exp. Sta. Bul. 78:479-577.
- A plum scale in western New York. Cornell Univ. Agr. Exp. Sta. Bul. 83:676-699.
Lecanium corni.

1895

- Danger of spreading the San José scale. Rural New-Yorker 54:5.
- An insect fond of rhubarb. Rural New-Yorker 54:37.
Lixus concavus.
- Cocoon of a giant silkworm. Rural New-Yorker 54:52.
Samia cecropia.
- Beans "stung" by an unknown insect. Rural New-Yorker 54:52.
- Killing codling moths in winter. Rural New-Yorker 54:52.
- Do sprayed apples live longer? Rural New-Yorker 54:60.
- A katydid that did no mischief. Rural New-Yorker 54:60, fig. 24.
Cyrtophyllus concavus.
- Scurfy bark-louse on apple trees. Rural New-Yorker 54:85.
- The San José scale in Indiana. Rural New-Yorker 54:87.
- A "blight" on grape vines. Rural New-Yorker 54:104.
Either powdery or downy mildew.
- Some homemade sheep dips. Rural New-Yorker 54:112.
- Why lime is used in bordeaux mixture. Rural New-Yorker 54:138.
- Oyster-shell bark-louse on apples. Rural New-Yorker 54:140.
- Corn and cotton worms; North and South. Rural New-Yorker 54:143.
Heliothis armiger and *Alabama argillacea*.
- Knots on a mountain ash. Rural New-Yorker 54:160.
- A troublesome new plum pest. Rural New-Yorker 54:161, fig. 54.
hyloptus phlæocoptes.

1895 (continued)

- What nips the plum trees? Rural New-Yorker 54:194.
Ithycerus noveboracensis(?).
- What to do for raspberry anthracnose. Rural New-Yorker 54:220.
- The white grub in strawberries and manure. Rural New-Yorker 54:220.
- A treatment for pear blight. Rural New-Yorker 54:241.
- A white mould on carrots. Rural New-Yorker 54:243.
- Is there a cure for plant lice? Rural New-Yorker 54:254.
- The rust of the quince. Rural New-Yorker 54:254.
- Latest news on the plum scale. Rural New-Yorker 54:260, fig. 83.
- Habits of squash-vine borers. Rural New-Yorker 54:261.
- The apple maggot "*Trypeta pomonella*." Rural New-Yorker 54:280.
- Spots on a pear tree. Rural New-Yorker 54:280.
Natural to the bark.
- Galls that infest the mulberry. Rural New-Yorker 54:297.
Pachypsylla celtidis-gemma, or a closely allied species(?)
- A bad fruit bug. Rural New-Yorker 54:328.
Lygus pratensis.
- Disease and insects on apple twigs. Rural New-Yorker 54:329.
Cause of the disease undetermined; insects are *Megalopye opercularis* and *Clisiocampa americana*.
- Insects in stored wool. Rural New-Yorker 54:345.
- Work of the snowy tree cricket. Rural New-Yorker 54:345.
- The Norfolk Island pine coccus or bark-louse. Rural New-Yorker 54:345.
Rhizococcus araucariæ.
- "Dungworms" are wanted. Rural New-Yorker 54:345.
White grubs(?).
- Work of the bud-moth. Rural New-Yorker 54:361.
- Washing or spraying plum trees. Rural New-Yorker 54:361.
- A new raspberry eater. Rural New-Yorker 54:377.
Typhophorus canellus.
- Scale insects on the pine. Rural New-Yorker 54:377.
Chionaspis pinifoliæ.
- "Black spot" on the peach. Rural New-Yorker 54:377.
- Life history of plant lice. Rural New-Yorker 54:377.
- Insects on Georgia melons. Rural New-Yorker 54:392-393.
Diabrotica vittata and *D. duodecimpunctata*.
- The woolly aphid on Kansas apples. Rural New-Yorker 54:393.
- Salt for the peach borer? Rural New-Yorker 54:393.
- A "die back" caused by a freeze. Rural New-Yorker 54:393.
- [No title.] Rural New Yorker 54:397.
An article relating to the addition of lime to paris green.
- To kill the cabbage worm. Rural New-Yorker 54:408.
- What to do for "chestnut worms." Rural New-Yorker 54:408.
- Cut worms and green currant worms. Rural New-Yorker 54:409.

1895 (continued)

- A new apple pest. Rural New-Yorker 54:425, fig. 136.
Corythuca arcuata(?).
- Some worms and webs. Rural New-Yorker 54:425.
Either the imported currant borer moth or the American currant borer beetle(?),
and *Nematus ventricosus*.
- A case of "die back." Rural New-Yorker 54:425.
Epicarus imbricatus.
- Terrible tales of a "worm." Rural New-Yorker 54:441.
Millipedes.
- The plum curculio on apples. Rural New-Yorker 54:457.
- A talk about squash bugs. Rural New-Yorker 54:473.
- The life story of a worm. Rural New-Yorker 54:502, fig. 157.
Phlegothonthius.
- A trio of bugs. Rural New-Yorker 54:505.
Lygus pratensis, *Crepidodera cucumeris*, and another probably allied to the rose
leaf-hopper.
- An ash borer; the rhinoceros beetle. Rural New-Yorker 54:521.
The former is probably *Podosesia syringe*.
- A grape vine leaf eater. Rural New-Yorker 54:521.
Procris (Harrisina) americana.
- Another omnivorous insect pest. Rural New-Yorker 54:521.
Otiorynchus ovatus.
- Something about "pear blight." Rural New-Yorker 54:537.
- The queen of the night. Rural New-Yorker 54:553, fig. 171.
Tropæa luna.
- Why do pears crack? Rural New-Yorker 54:553.
Pear leaf blight.
- The "old-fashioned" potato bug. Rural New-Yorker 54:569, fig. 180.
Epicauta vittata.
- A bug that frightens hens. Rural New-Yorker 54:569.
Sand cricket.
- [No title.] Rural New-Yorker 54:573.
Curling of potato leaves due, possibly, to some insect injury.
- The shot-hole borer. Rural New-Yorker 54:585, fig. 183.
- Wireworms again; sour land. Rural New-Yorker 54:601.
- An anti-ant remedy wanted. Rural New-Yorker 54:601.
- White grubs in corn. Rural New-Yorker 54:601.
- A borer in cedar wood. Rural New-Yorker 54:617.
Undetermined.
- Another blister beetle. Rural New-Yorker 54:617.
Epicauta pennsylvanica.
- The "live-forever" disease. Rural New-Yorker 54:632.
Vermicularia telephii(?).
- Treatment for celery blight. Rural New-Yorker 54:632.
- Ants as a fertilizer. Rural New-Yorker 54:632.
- Various bad bugs. Rural New-Yorker 54:649.
Pontia rapæ and *Murgantia histrionica*.

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- The blackberry leaf-spot fungus. Rural New-Yorker 54:665.
Septoria rubi(?).
- A bug with a long snout. Rural New-Yorker 54:665.
Balaninus quercus.
- The pests of the hen house. Rural New-Yorker 54:670, fig. 215.
Menopon pallidum and *Dermanyssus gallinae*.
- Copper solution for celery blight. Rural New-Yorker 54:681.
- The troublesome harlequin bug. Rural New-Yorker 54:697.
- Will salt kill grubs and worms? Rural New-Yorker 54:713.
- A liquid "thistle destroyer." Rural New-Yorker 54:777.
- Bugs, mustard seed, and clover. Rural New-Yorker 54:777.
Grain plant louse(?).
- The story of the apple rust. Rural New-Yorker 54:841.
- Work of the snowy tree cricket. Rural New-Yorker 54:856.
- The magnolia-blossom tortricid. Ent. news 6:175.
- A curious hammock and its maker. Ent. news 7:109.
- A new plum pest. West. New York Hort. Soc. Proc. 40:32-43.
Lecanium corni.
- Fir sawfly. Amer. agr. 56:285.
Lophyrus abietis.
- [No title.] Cornell Univ. Agr. Exp. Sta. No date.
A spray calendar, published in 1894. (See Cornell Univ. Agr. Exp. Sta. Bul. 252:335.)
- The cigar-case-bearer in western New York. Cornell Univ. Agr. Exp. Sta. Bul. 93:211-230.
- Climbing cutworms in western New York. Cornell Univ. Agr. Exp. Sta. Bul. 104:551-600.
- Feltia subgothica*, Haworth, or *Agrotis* (Subgen. *Agronoma*) *jaculifera*, Guenee, which? Can. ent. 27:301-308, pl.
- The plum-twig gall-mite. Can. ent. 27:329.
- The clover root borer. Country gentleman 40:208-209.
- An important new book. Ithaca daily journal, April 9.
Review of "A manual for the study of insects," by John Henry Comstock and Anna Botsford Comstock.
- [No title.] Oswego daily palladium, June 1.
Lepisma saccharina.
- Plum scale in Michigan. Allegan gazette, June 22.
Lecanium corni.
- A rare species. Waverly free press, September 21.
Phobetrion pithecium.

1896

- Wireworms and the bud moth. Cornell Univ. Agr. Exp. Sta. Bul. 107:33-66.
- The pear psylla and the New York plum scale. Cornell Univ. Agr. Exp. Sta. Bul. 108:67-86.

1896 (continued)

- Green fruit worms. Cornell Univ. Agr. Exp. Sta. Bul. 123:505-522.
 Entomology. West. New York Hort. Soc. Proc. 41:18-23.
 Some "dung worms" examined. Rural New-Yorker 55:2, fig. 2.
Aphodius fimetarius.
- The apple crop and 17-year locusts. Rural New-Yorker 55:53.
 Can we starve the white grubs? Rural New-Yorker 55:60.
 How to fleecce fleas of life. Rural New-Yorker 55:90.
 How to fight the tarnished plant-bug. Rural New-Yorker 55:99.
 What will kill lice? Rural New-Yorker 55:100.
 How to fight white grubs. Rural New-Yorker 55:116.
 What can be done for wireworms? Rural New-Yorker 55:117.
 Some notes on celery blight. Rural New-Yorker 55:118.
 A colony of "spring-tails" in water. Rural New-Yorker 55:138.
 The snowy tree cricket on raspberries. Rural New-Yorker 55:157, fig. 57.
 Cause and prevention of oat smut. Rural New-Yorker 55:107.
 "Tumble bugs" and their curious habits. Rural New-Yorker 55:236,
 fig. 76.
 The scurfy bark louse. Rural New-Yorker 55:236.
 Salt and lime for onion maggots. Rural New-Yorker 55:257.
 How to fight the canker worm. Rural New-Yorker 55:288.
 The use of bordeaux mixture; sulphate of copper. Rural New-Yorker
 55:288.
 The painted hickory borer. Rural New-Yorker 55:303.
Cyllene pictus.
- Plant traps for cabbage insects. Rural New-Yorker 55:303.
 A melon disease; bordeaux mixture. Rural New-Yorker 55:315.
 "Damping-off" fungus(?).
 How to kill cabbage insects. Rural New-Yorker 55:320.
 Crickets as strawberry pickers. Rural New-Yorker 55:320.
 The chinch bug in New York State. Rural New-Yorker 55:337.
 On what do 17-year cicadas live? Rural New-Yorker 55:351.
 A group of insect depredators. A case of rusted wheat. Printers' ink
 on trees. The oyster-shell bark-louse. To drive flies out of stables
 What will kill root lice? Use of bordeaux mixture on apples. Rural
 New-Yorker 55:352.
 Rust in the blackberry. Rural New-Yorker 55:353.
 Destroying the codling moth without spraying. Rural New-Yorker
 55:357.
 More light turned on white grubs. Rural New-Yorker 55:360, fig. 119.
 "Fighting canker worms." Rural New-Yorker 55:371.
 Root gall in peach trees. Rural New-Yorker 55:385, fig. 128.
 Propagating the lady-bird beetle. Rural New-Yorker 55:385.

1896 (*continued*)

- A new destructive insect on pecans. Rural New-Yorker 55:401, fig. 133.
- Fighting insect foes. Sulphur as an insecticide. How to kill "June bugs." Lye in place of lime for bordeaux mixture. The troublesome umbrella ant. Rural New-Yorker 55:416.
- The white grub question. Rural New-Yorker 55:418.
- Grape-vine tomato-gall; poison ivy. Rural New-Yorker 55:433.
Lasioptera vitis.
- Insects found on grapes. Rural New-Yorker 55:448.
Katydid and praying mantis.
- Insects that work on strawberries. Rural New-Yorker 55:448.
Phoxopterus comptana.
- Insect and fungous foes of fruit. Rose beetles; a new apple pest. [Green fruit worms(?).] More about dung worms. "Plum rot." What is it? How cure it? Seventeen-year locusts not poisonous. Twig blight and apple rust. Rural New-Yorker 55:464.
- A lecture on cutworms. Rural New-Yorker 55:480, fig. 156.
- A swarm of business bees. Rural New-Yorker 55:481.
- The army worm does battle. Rural New-Yorker 55:495, fig. 158.
- The oyster-shell bark-louse. Rural New-Yorker 55:496, fig. 159.
- A worm that picks blueberries. Rural New-Yorker 55:497, fig. 160.
Diastictus inceptaria.
- The harlequin bug, or calico-back. Rural New-Yorker 55:513.
- Anthracnose of the raspberry. Rural New-Yorker 55:513.
- The "old fashioned" potato beetle. Rural New-Yorker 55:529.
- Dendrolene for borers. Rural New-Yorker 55:529.
- A number of insects and diseases. Rural New-Yorker 55:545.
- Borers in fruit and shade trees. "Raupenleim" and "dendrolene."
Rural New-Yorker 55:556.
- The "white blast" in onions. Rural New-Yorker 55:561.
Thrips tabaci.
- Potato beetles on tomato vines. Rural New-Yorker 55:576.
- The carpet beetle. Rural New-Yorker 55:582, figs. 180, 181.
- Life history of the apple rust. Rural New-Yorker 55:609.
- The harlequin cabbage bug. Rural New-Yorker 55:609, fig. 192.
- Some insects and fungous depredators. Swelling at the end of twigs. Spotted plums; cultivating orchards. [Plum curculio (?).] The fiery hunter and its work. White grubs in strawberries. Pear blight and plum rots. Rural New-Yorker 55:672-673.
- Insects that bother the fruit grower. Habits of the strawberry root-worm. The grape vine leaf-hopper. An attack of canker worms. Rural New-Yorker 55:689.
- A grasshopper's snake story. Rural New-Yorker 55:697, fig. 220.

1896 (continued)

- Life history of the grape phylloxera. Rural New-Yorker 55:704, fig. 229.
 Weevil eaten wheat as food. Rural New-Yorker 55:704.
 The biography of a bedbug. Rural New-Yorker 55:742, fig. 239; 758,
 774.
 Habits of the cranberry fruit worm. Rural New-Yorker 55:753.
 White arsenic in place of paris green. Rural New-Yorker 55:769.
 The scurfy bark-lice on apples. Rural New-Yorker 55:784.
 The life of the peach borer. Rural New-Yorker 55:800.
 "Worms" that ruin quinces. Rural New-Yorker 55:816.
Conotrachelus cratægi.
 Next season's crop of army worms. Rural New-Yorker 55:846.
 Winter work among fruit insects. Amer. agr. 57:58.
 Winter work among insects injurious to fruits. Garden and forest 9:36.
 What is the elm tree worm? Ithaca daily journal, June 22.
 The grape pest in Wisconsin vineyards. Fruit 8:8.
Amphicerus bicaudatus.
 Recent work among the insect foes of the horticulturist. Michigan fruit
 grower and practical farmer 5:8.
 The *Agrotis subgothica* of Haworth, again. Can. ent. 28:295-299, pl. 4.
 Report of the Entomologist. Cornell Univ. Agr. Exp. Sta. Ann. rept. 8
 for 1895:16-17.

1897

- The pistol-case-bearer in western New York. Cornell Univ. Agr. Exp.
 Sta. Bul. 124:1-17.
 The currant-stem girdler and the raspberry-cane maggot. Cornell Univ.
 Agr. Exp. Sta. Bul. 126:39-60.
 The army worm in New York. Cornell Univ. Agr. Exp. Sta. Bul.
 133:231-258.
 Various washes for fruit trees. Rural New-Yorker 56:69.
 What treatment for strawberry rust? Rural New-Yorker 56:99.
 Sulphate of iron for spraying. Rural New-Yorker 56:115.
 Some facts about the codling moth. Rural New-Yorker 56:115.
 To kill lice on a horse. Rural New-Yorker 56:166.
 Worms in soil; plum borers. Rural New-Yorker 56:175.
 Wireworms and angleworms; borers undetermined.
 How to make and use bordeaux mixture. Rural New-Yorker 56:208.
 The strawberry leaf-roller. Rural New-Yorker 56:223.
 Apple trees least susceptible to borers. Rural New-Yorker 56:223.
 Protection against borers. Rural New-Yorker 56:223.
 Apple borer.
 Inoculating trees to kill insects. Rural New-Yorker 56:241.

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- Plant lice on gooseberries. Rural New-Yorker 56:242.
 Currant plant-louse.
- Pine tar on apple trees. Rural New-Yorker 56:260.
- The scurfy bark-louse on apple trees. Rural New-Yorker 56:260.
- What is onion smut? Rural New-Yorker 56:275.
- The cost of spraying grapes. Rural New-Yorker 56:277.
- Life habits of twig borers. Rural New-Yorker 56:293.
Amphicerus bicaudatus.
- Lime and salt for oat smut. Rural New-Yorker 56:293.
- All about whale-oil soap. Rural New-Yorker 56:308.
- Katydid "didn't do a thing" to the twigs. Rural New-Yorker 56:309,
 fig. 133.
- "Black lice" on apple trees. Rural New-Yorker 56:309.
 Apple aphid(?).
- The oyster-shell bark-louse. Rural New-Yorker 56:309.
- Onion thrips on Long Island. Rural New-Yorker 56:309.
- "Root lice" on apple trees. Rural New-Yorker 56:323.
- Canker worms in Kansas. Rural New-Yorker 56:324.
- Roofing paint for painting trees. Rural New-Yorker 56:324.
- Life history of the plum curculio. Rural New-Yorker 56:354, fig. 156.
- Great danger from San José scale. Rural New-Yorker 56:356.
- The dangerous strawberry weevil. Rural New-Yorker 56:372.
- What is "pure paris-green"? Rural New-Yorker 56:372.
- Life and work of the pear slug. Rural New-Yorker 56:389, fig. 170.
- A patent "tree wash." Rural New-Yorker 56:389.
- Killing the horn fly. Rural New-Yorker 56:398.
- Calomel for pear blight. Rural New-Yorker 56:405.
- Insects in cow peas; melon disease. Rural New-Yorker 56:405.
 Southern pea weevil, *Bruchus chinensis*.
- The grape-vine flea-beetle. Rural New-Yorker 56:420.
- Lice on plum and apple trees. Rural New-Yorker 56:420.
 Apple aphid and other species mentioned.
- Plum curculio and its eggs. Rural New-Yorker 56:420.
- "Fire blight" on apple trees. Rural New-Yorker 56:437.
- Do 17-year locusts damage fruit trees? Rural New-Yorker 56:437.
- Rusts on blackberries and raspberries. Rural New-Yorker 56:453.
 Orange or red rust.
- Galls on grape vines. Rural New-Yorker 56:453.
 Grapevine tomato gall.
- The cottony maple scale. Rural New-Yorker 56:485.
- A new blight on plums. Rural New-Yorker 56:485.
 Cause undetermined.
- "Gold bugs" on sweet potatoes. Rural New-Yorker 56:485.
Coptocycla aurichalcea.

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- Thorough cultivation and potato bugs. Rural New-Yorker 56:485.
- The gypsy moths in New York State. Rural New-Yorker 56:499.
Proved to be *Clisiocampa disstria*.
- The predaceous diving beetle. Rural New-Yorker 56:501, fig. 208.
Dytiscus sp.
- The San José scale at Cornell. Rural New-Yorker 56:515.
- Life history of the silk worm. Rural New-Yorker 56:529, fig. 214.
- Pear psylla and lice on maples. Rural New-Yorker 56:537.
- The clover mite and fruit. Rural New-Yorker 56:537.
- The melon and cucumber borers. Rural New-Yorker 56:548, fig. 226.
Endiopsis nitidalis and *E. hyalinata*.
- Will bordeaux mixture retain its strength? Rural New-Yorker 56:548.
- What is "yellows" in the peach? Rural New-Yorker 56:580.
- A corn-eating maggot. Rural New-Yorker 56:596.
Phorbia fusciceps.
- Any better fungicide than bordeaux mixture? Rural New-Yorker 56:661.
- Destroying a wasp's nest. Rural New-Yorker 56:676.
- The chinch bug in New York State. Rural New-Yorker 56:684.
- The story of the bumble bee. Rural New-Yorker 56:692.
- Possibly a formidable enemy of crimson clover. Rural New-Yorker 56:694.
Polythrincium trifolii.
- Pomace flies hard to kill. Rural New-Yorker 56:709.
- A chapter on wireworms. Rural New-Yorker 56:725.
- Fight the San José scale this fall. Rural New-Yorker 56:740.
- Life changes of the peach borer. Rural New-Yorker 56:805.
- Green lice on cabbage. Rural New-Yorker 56:805.
Cabbage aphid and cucumber aphid.
- The work of angle worms. Rural New-Yorker 56:818.
- Will the army worm come this year? Amer. agr. 59:582.
- A new destructive beetle. Practical farmer, May 15.
Anomala undulata. Letter quoted.
- Hair worms or hair snakes. Jamestown evening journal, June 16.
- The squash destroyer. Tioga county herald [Newark Valley, New York], July 16.
Anasa tristis.
- Pigeon horn tail — *Tremex columba*. Madison county leader [Morrisville, New York], September 30.
- The crinkled flannel moth (*Megalopyge crispata*, Pack.). Can. ent. 29:1-2, pl. 1.
- The blueberry span-worm (*Diastictis inceptaria*, Walk.) and the bumble flower-beetle (*Euphoria inda*, Linn.) Can. ent. 29:40-52, pl. 3.
- The columbine borer (*Hydroecia purpurifascia*, G. & R.). Can. ent. 29:161-162, pl. 6.

1897 (continued)

- The raspberry-cane maggot (*Phorbia rubivora*, Coquillett). Can. ent. 29: 162-163.
- Fruit pests. Orleans American [Albion, New York], December 2.
Lime-tree winter moth and fall cankerworm.
- Entomology. West. New York Hort. Soc. Proc. 42: 22-31.
- Report of the Entomologist. Cornell Univ. Agr. Exp. Sta. Ann. rept. 9 for 1896: 26-28.

1898

- The codling moth. Cornell Univ. Agr. Exp. Sta. Bul. 142: 1-69.
Яблочная плодожорка. A translation, with additions, of the above, by S. A. Mokshetsky. Published at Simferopol, Russia, in 1902.
- Report of progress in the entomological division. Cornell Univ. Agr. Exp. Sta. Bul. 146: 641-642.
- The quince curculio. Cornell Univ. Agr. Exp. Sta. Bul. 148: 691-715.
- The grape-vine flea-beetle. Cornell Univ. Agr. Exp. Sta. Bul. 157: 185-213.
- Bisulphide of carbon for peach borers. Not recommended for the East.
Rural New-Yorker 57: 34.
- Club root in the cabbage. Rural New-Yorker 57: 53.
- What to do for "blackberry curl." Rural New-Yorker 57: 83.
Trioza tripunctata.
- What to do for woolly aphis. Rural New-Yorker 57: 84.
- Bisulphide of carbon for melon lice. Rural New-Yorker 57: 121.
Melon aphis.
- The bug doctor's prescriptions. Galls on tree roots. [Cause undetermined.] Spraying trees with muriate of potash. Trapping the codling moth. Heading off climbing insects. Rural New-Yorker 57: 160.
- A dip for the San José scale. Rural New-Yorker 57: 180, fig. 82.
- Kill the codling moths in the cellar. Rural New-Yorker 57: 221.
- The powder-post and its work. Rural New-Yorker 57: 240, fig. 180.
Lyctus unipunctatus.
- To prevent canker worms from crawling. Rural New-Yorker 57: 240.
- The tobacco worm; a curious mistake. Rural New-Yorker 57: 281.
Phlegothonius celeus.
- Facts about plant lice. Rural New-Yorker 57: 301.
- A disease of apple trees. Rural New-Yorker 57: 301.
Oedema of apple trees.
- The oyster-shell bark-louse. Rural New-Yorker 57: 321.
- Mixing kerosene emulsion and bordeaux mixture. Rural New-Yorker 57: 336.
- Insect enemies of potato beetles. Rural New-Yorker 57: 353, fig. 154.
- The farm value of the crow. Rural New-Yorker 57: 384.

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- How to fight the apple borer. Rural New-Yorker 57:385.
- The grape leaf-hopper. Rural New-Yorker 57:401.
- Fighting the pear psylla. Rural New-Yorker 57:417.
- The snowy tree cricket. Rural New-Yorker 57:417.
- The steely beetle on grape vines. Rural New-Yorker 57:448.
Grapevine flea-beetle.
- Peach leaf-curl and pear blister-mite. Rural New-Yorker 57:455, fig. 209.
- The Colorado potato beetle abroad. Rural New-Yorker 57:495.
- Biting and sucking insects. Rural New-Yorker 57:496.
Black cherry aphid.
- A strange insect; the fish-moth. Rural New-Yorker 57:496.
- Wheats and wheat rusts. Rural New-Yorker 57:513.
- "Goldbugs" on sweet potatoes. Rural New-Yorker 57:561.
Coptocycla aurichalcea.
- What katydid doesn't do. Rural New-Yorker 57:561, fig. 261.
- The potato-stalk weevil. Rural New-Yorker 57:593.
Trichobaris trinotata.
- The shot-hole fungus in plums. Rural New-Yorker 57:609.
- Gasoline and clothes moths. Rural New-Yorker 57:630.
- Scale insects on California fruit. Rural New-Yorker 57:640.
Aspidiotus aurantii and *A. perniciosus*.
- How to handle the harlequin bug. Rural New-Yorker 57:656.
- How the curculio mounts plum trees. Rural New-Yorker 57:656.
- Mites that are mighty troublesome. Rural New-Yorker 57:689.
Red spider.
- Mites on a chestnut leaf. Rural New-Yorker 57:689.
- An insect in blackberry canes. Rural New-Yorker 57:705.
Bembecia marginata(?).
- Insects in stored grain. Rural New-Yorker 57:705.
- Fungous disease on gooseberries. Rural New-Yorker 57:705.
- A "sure cure" for curl leaf. Rural New-Yorker 57:722.
- Killing mealy bugs under glass. Rural New-Yorker 57:753.
- A worm that "has worms." Rural New-Yorker 57:785.
Tomato worm and parasites.
- The grain moth in wheat. Rural New-Yorker 57:817.
Gelechia cerealella.
- A tape worm in a cat. Rural New-Yorker 57:881.
Tania crassicollis.
- Forest tree caterpillars. Watertown daily times, June 15.
Apple tent-caterpillar.
- Report of the Entomologist. Cornell Univ. Agr. Exp. Sta. Ann. rept.
10 for 1897:xxi-xxiii.
- Report of the Entomologist. Cornell Univ. Agr. Exp. Sta. Ann. rept.
11 for 1898:x-xii.

1898 (*continued*)

- Obituary notice of Dr. Joseph Albert Lintner. Can. ent. 30:165-166.
 The pear psylla. East. New York hort. 1:6.
 Entomology. West. New York Hort. Soc. Proc. 43:11-23.
 Some new notions about some old insects. Boston transcript, February 12.

1899

- Report of the Entomologist. Cornell Univ. Agr. Exp. Sta. Ann. rept. 12 for 1899:xiii-xv.
 Emergency report on tent caterpillars. Cornell Univ. Agr. Exp. Sta. Bul. 170:553-564.
 The cherry fruit fly, a new cherry pest. Cornell Univ. Agr. Exp. Sta. Bul. 172:21-41.
 The peach-tree borer. Cornell Univ. Agr. Exp. Sta. Bul. 176:155-233.
 Same. An abridged edition, p. 1-16.
 A new popular name for *Clisiocampa disstria*. Can. ent. 32:27-28.
 Occurrence of *Stagnomantis carolina* in New York. Ent. news 10:288-289.
 Insects that like whiskey. Rural New-Yorker 58:38.
 How insects spend the winter. Rural New-Yorker 58:55, 116.
 Do angleworms injure soil. Rural New-Yorker 58:157.
 Ants on apple trees. Rural New-Yorker 58:202.
 Peach borer; kerosene and water. Rural New-Yorker 58:222.
 The currant fruit worm. Rural New-Yorker 58:222.
 Cheap substitutes for paris green. Rural New-Yorker 58:231.
 Same. Amer. agr. 63:479.
 Some insect questions. Rural New-Yorker 58:262.
 Bordeaux mixture in a tin cup. Rural New-Yorker 58:283.
 Scurfy bark-louse on apple. Rural New-Yorker 58:283.
 Fighting the pear slug. Rural New-Yorker 58:302.
 Killing "wiggle-tails" and ants. Rural New-Yorker 58:302.
 Making arsenite of lime. Rural New-Yorker 58:322.
 Killing plant lice in a greenhouse. Rural New-Yorker 58:342.
 Lizards in a spring. Rural New-Yorker 58:342.
 Green lice on apple trees. Rural New-Yorker 58:361.
 Work of buffalo tree-hoppers. Rural New-Yorker 58:362.
 Various bugs. Rural New-Yorker 58:382.
 Drippings from poisonous mixtures. Rural New-Yorker 58:417.
 The strawberry crown-borer. Rural New-Yorker 58:433.
 The tent caterpillar; spraying in bloom. Rural New-Yorker 58:449.
 Music and caterpillars. Rural New-Yorker 58:479.
 Tobacco and potato beetles. Rural New-Yorker 58:527.
 Cold and San José scale. Rural New-Yorker 58:544.

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- A blister beetle. Rural New-Yorker 58:560.
Epicauta cinerea.
- The pear blister-mite. Rural New-Yorker 58:592.
- A picture of the kissing bug. Rural New-Yorker 58:605, fig. 228.
- Tent caterpillars in traps. Rural New-Yorker 58:622.
- Killing forest caterpillars. Rural New-Yorker 58:624.
- How to kill black ants. Rural New-Yorker 58:624.
- Ants and a pear tree. Rural New-Yorker 58:641.
- Killing ants in the soil. Rural New-Yorker 58:641.
- A new cherry pest. Rural New-Yorker 58:654, fig. 244.
Rhagoletis cingulata.
- Cheap and easy spraying. Rural New-Yorker 58:672.
- Is the honey bee a benefactor? Rural New-Yorker 58:740-750, fig. 273.
- The troublesome white grub. Rural New-Yorker 58:831.
- Do bees fertilize fruit? Rural New-Yorker 58:883.
- Insect pests of 1898. West. New York Hort. Soc. Proc. 44:71-75.
- The enemies of potatoes and how to combat them. Amer. agr. 63:612,
 7 figs.
- Some new notions about some old insects. Massachusetts Hort. Soc.
 Trans. 1898:1:63-79.
- Real kissing bug. Illus. Buffalo express [Buffalo, New York], Sep-
 tember 3, p. 8.
- Applied photography in economic entomology. Photogram 6:141.

1900

- The grape root worm, a new grape pest in New York. Cornell Univ.
 Agr. Exp. Sta. Bul. 184:17-32.
- The common European praying mantis, a new beneficial insect in America.
 Cornell Univ. Agr. Exp. Sta. Bul. 185:33-47.
- Some insect experiences of 1899. West New York Hort. Soc. Proc.
 45:49-52.
- Something new in potato bugs. Waverly free press [Waverly, New
 York], July 28.
Epicauta vittata.
- Possibilities of injuries to young orchards by "17-year locusts." Tree
 breeder 1, October 6.
- Mosquitoes of the United States. Science 12:560-562.
 Review of Bul. 25 of U. S. Bur. Ent., by L. O. Howard.
- New injurious insects and remedies. East. New York Hort. Soc. Proc.
 4:55-59.
- Report of the Entomologist. Cornell Univ. Agr. Exp. Sta. Ann. rept.
 13 for 1900:xii xiii.
- The bee, the grape, the fact. Rural New-Yorker 59:35, fig. 14.

1900 (*continued*)

- An insect that knows beans. Rural New-Yorker 59:35.
Bruchus obtectus.
- Shall we tap maple trees? Work of the caterpillars. Rural New-Yorker 59:103.
Forest tent-caterpillar.
- Oyster-shell bark-louse. Rural New-Yorker 59:106.
- Life of the bean weevil. Rural New-Yorker 59:123.
- The English sparrow. Rural New-Yorker 59:184.
- Killing the woolly aphis. Rural New-Yorker 59:203.
- Compressed air sprayers. Rural New-Yorker 59:244.
- Kerosene in whitewash. Rural New-Yorker 59:266.
- Substitutes for paris green. Rural New-Yorker 59:275.
- Scales on house plants. Rural New-Yorker 59:284.
Lecanium sp.
- Formaldehyde gas for potatoes. Rural New-Yorker 59:285.
- Using the bordeaux mixture. Rural New-Yorker 59:286.
- Ant-hills for manure. Rural New-Yorker 59:302.
- A bug-like twig. Rural New-Yorker 59:318, fig. 95.
Mechanical tissue.
- Facts about the codling-moth. Rural New-Yorker 59:318.
- A spray for gooseberries. Rural New-Yorker 59:320.
- Combinations of insecticides. Rural New-Yorker 59:350.
- The raspberry cane borer and asparagus fly. Rural New-Yorker 59:352.
The latter one of the asparagus beetles(?).
- More about bordeaux mixture. Rural New-Yorker 59:352.
- Ants in a dooryard. Rural New-Yorker 59:368.
- Sulphur for curing trees. Rural New-Yorker 59:368.
- Fighting the melon louse. Rural New-Yorker 59:432.
- A "cutworm lion." Rural New-Yorker 59:433.
Undetermined ground beetle larva.
- Woolly aphis. Rural New-Yorker 59:448.
- Fighting the tomato worm. Rural New-Yorker 59:448.
- Fighting the red spider. Rural New-Yorker 59:464.
- Killing flies in stable. Rural New-Yorker 59:480.
- Cleansing sprayer. Rural New-Yorker 59:480.
- Potato beetles slow to hatch. Rural New-Yorker 59:496.
- A new strawberry pest. Rural New-Yorker 59:526, fig. 181-182.
Harpalus caliginosus and *H. pennsylvanicus*.
- Insects that eat potato beetles. Rural New-Yorker 59:542.
Perillus circumcinctus.
- Insects in potato stems. Rural New-Yorker 59:544.
Trichobaris trinotata.
- Rust on crab apple. Rural New-Yorker 59:561.
Cedar rust.

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- The destructive hessian fly. Rural New-Yorker 59:573, fig. 197-199.
 An insect that saws wood. Rural New-Yorker 59:606.
Oncideres cingulatus(?).
 Insects on gladiolus and heliotrope. Rural New-Yorker 59:608.
 Blister beetles and *Chauliognathus pennsylvanicus*.
 Bisulphide of carbon and strawberries. Rural New-Yorker 59:624,
 fig. 227.
 San José scale on pears. Rural New-Yorker 59:672, fig. 250.
 How to kill crows. Rural New-Yorker 59:672.
 Crude petroleum for San José scale. Rural New-Yorker 59:733.
 Do bees injure fruit? Rural New-Yorker 59:749.
 Tar and kerosene for trees. Rural New-Yorker 59:784.
 Bats and bedbugs. Rural New-Yorker 59:801.
 A new hessian-fly problem. Rural New-Yorker 59:814.
 A wonderful and interesting insect. Rural New-Yorker 59:846, fig. 327.
Corydalis cornutus.

1901

- Insects. Insecticides. Articles in Bailey's Cyclopedia of American Horticulture 2:805-812.
 The palmer-worm. Cornell Univ. Agr. Exp. Sta. Bul. 187:77-101.
 Three unusual strawberry pests and a greenhouse pest. Cornell Univ. Agr. Exp. Sta. Bul. 190:141-164.
 Further experiments against the peach-tree borer. Cornell Univ. Agr. Exp. Sta. Bul. 192:189-196.
 The hessian fly. Its ravages in New York in 1901. An emergency bulletin. By I. P. Roberts, M. V. Slingerland, and J. L. Stone. Cornell Univ. Agr. Exp. Sta. Bul. 194:237-260.
 Borers and their work. Tree breeder 1 (January):8-9.
 How to combat the principal enemies of the fruit-grower. Tree breeder 1 (March):7-9.
 Fall and winter work for the orchardist. Tree breeder 2:—.
 Plant lice seek new winter home. Ithaca daily news, October 15, p. 3.
 Entomology. West. New York Hort. Soc. Proc. 46:68-73, 6 figs.
 A lantern moth trap. Rural New-Yorker 60:35.
 Strawberry "rust" and "blight." Rural New-Yorker 60:69.
Sphaerella fragariae.
 Do curculios crawl or fly? Rural New-Yorker 60:104.
 Black beetles on strawberry plant. Rural New-Yorker 60:125.
 The "book worm." Rural New-Yorker 60:189.
 Silver fish, *Lepisma saccharina*.
 "Steely-bugs" and rose bugs. Rural New-Yorker 60:268.
 On grapevines.
 Fighting the plum curculio. Rural New-Yorker 60:280.

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- Parasites of tent caterpillars. Rural New-Yorker 60:371, fig. 150.
 The "hickory horned devil." Rural New-Yorker 60:378, fig. 334.
Citheronia regalis.
- Dung worms and white grubs. Rural New-Yorker 60:420.
 Snout beetle on fruit. Rural New-Yorker 60:452.
 Imbricated snout beetle.
- An experience with spraying. Rural New-Yorker 60:468.
 Spraying for the codling moth. Rural New-Yorker 60:468.
 Scales on maple trees. Rural New-Yorker 60:469.
Lecanium sp.
- Plant lice on plum trees. Rural New-Yorker 60:469.
 Peach root-aphis. Rural New-Yorker 60:484.
 Woolly aphis on apple roots. Rural New-Yorker 60:484.
 A talk about plant lice. Rural New-Yorker 60:484.
 Seventeen-year locust; watermelon bug; strawberries. Rural New-Yorker 60:484.
- Plant lice on apples. Rural New-Yorker 60:484.
 Dodder on raspberry plants. Rural New-Yorker 60:532.
 Killing the cucumber bug. Rural New-Yorker 60:532.
 Striped cucumber-beetle.
- The "bag-worm" on evergreens. Rural New-Yorker 60:580.
 The story of plant galls. Rural New-Yorker 60:594, fig. 262.
 Some injurious lady bird insects. Rural New-Yorker 60:610, fig. 266, 267.
 Hessian flies and ragweed. Rural New-Yorker 60:612.
 Facts about "fly-proof" wheat. Rural New-Yorker 60:627.
 A mysterious bean trouble. Rural New-Yorker 60:643, fig. 288.
 Wet weather and a rot disease(?).
- Crows and their food. Rural New-Yorker 60:660.
 A worm that "has worms." Rural New-Yorker 60:674, fig. 303.
 Tomato worm, *Phlegothonius* sp.
- The fall webworm. Rural New-Yorker 60:685, fig. 294-296.
 Work of the 17-year locusts. Rural New-Yorker 60:690.
 A grapevine beetle. Rural New-Yorker 60:693.
 Spotted pelidnota.
- Diseased caterpillars. Rural New-Yorker 60:713.
 Fall webworm.
- Poultry and potato beetles. Rural New-Yorker 60:772.
 Pear leaf spot. Rural New-Yorker 60:772.
 A strange apple pest. Rural New-Yorker 60:788.
 A dry rot due to undetermined fungus.
- Naphtha for grain insects. Rural New-Yorker 60:821.
 "White ants" on apple roots. Rural New-Yorker 60:852.
 Review of C. M. Weed's "Nature biographies." Country life in America
 I:xxvi-xxvii.

1902

- Trap-lanterns or "moth catchers." Cornell Univ. Agr. Exp. Sta. Bul. 202:197-241.
- Work of the entomological division. Cornell Univ. Agr. Exp. Sta. Bul. 206:152-153, fig. 35.
- The grape root worm: further experiments and cultural suggestions. By M. V. Slingerland and John Craig. Cornell Univ. Agr. Exp. Sta. Bul. 208:173-200.
- Report of the Entomologist. Cornell Univ. Agr. Exp. Sta. Ann. rept. 14 for 1901:xxiii-xxv.
- Report of the Entomologist. Cornell Univ. Agr. Exp. Sta. Ann. rept. 15 for 1902:xvi-xvii.
- Entomology. West. New York Hort. Soc. Proc. 47:46-50, fig. 14, 13, 97.
- Insect control. New York State Fruit Growers' Assoc. Proc. 1:252-257.
- Insects on the garden rose. Country life in America 2:xli-xlii, 2 fig.
- Review of L. O. Howard's "The insect book." Country life in America 2:lxiii-lxiv.
- A yellow mud-dauber's nursery. Country life in America 3:lxix, 1 fig.
- A new economic entomology. Amer. nat. 36:64-65.
Review of H. Kolbe's "Gartenfeinde und gartenfreunde. Die für den gartenbau schädlichen und nützlichen lebewesen." Gartenbibliothek 34-36.
- The moth catcher humbug. Tree breeder 2:3:3-4.
- Some notes on early spring work against insects and fungi. Tree breeder 2:4:1-3.
- Tar for peach tree borer. Tree breeder 3:1:2.
- The scientific name of the cherry fruit-fly. Can. ent. 34:28.
- Report of section on Entomology. U. S. Dept. Agr., Office Exp. Sta. Bul. 115:21-22.
- Some suggestions on notes. U. S. Dept. Agr., Office Exp. Sta. Bul. 115:120-123, fig. 1.
- Sprays for green aphid. Rural New-Yorker 61:52.
- The powder-post beetle. Rural New-Yorker 61:104.
Lyctus unipunctatus.
- Potato beetles on tomatoes. Rural New-Yorker 61:105.
- Damage from "corn weevil." Rural New-Yorker 61:124.
Angoumois grain moth, or a beetle(?).
- Saving timber from powder-post beetle. Rural New-Yorker 61:145.
- Wash for apple trees. Rural New-Yorker 61:170.
- What ailed the cherry tree? Rural New-Yorker 61:189.
- Potash and caterpillars. Rural New-Yorker 61:227.
- Cure for powder-post beetles. Rural New-Yorker 61:227.
- Dipping peach roots for borers. Rural New-Yorker 61:228.

1902 (continued)

- Insects in rope; kinking. Rural New-Yorker **61**:228.
 Spring wheat and the hessian fly. Rural New-Yorker **61**:228.
 Lime, salt, and sulphur for the San José scale. Rural New-Yorker **61**:246.
 Bitter rot in apples. Rural New-Yorker **61**:288.
 Cedar rust of apples.
 What the plum curculio does. Rural New-Yorker **61**:400.
 Round-headed apple borer. Rural New-Yorker **61**:432.
 Apple curculio attacking pears. Rural New-Yorker **61**:464.
 What cure for fleas? Rural New-Yorker **61**:655.
 How to kill apple borers. Rural New-Yorker **61**:688.
 Fighting wireworms. Rural New-Yorker **61**:752.
 The strawberry leaf-roller. Rural New-Yorker **61**:784.
 Wire cages for apple borers. Rural New-Yorker **61**:830.

1903

- The ribbed cocoon-maker of the apple. By M. V. Slingerland and P. B. Fletcher. Cornell Univ. Agr. Exp. Sta. Bul. 214:67-78.
 Destructive work of plant lice in New York orchards. Cornell Univ. Agr. Exp. Sta. Press notice, July 9, 1 page. Revised July 15.
 The pear psylla again destructive in New York pear orchards. Cornell Univ. Agr. Exp. Sta. Press bul., July 15, 1 page.
 Insects wanted. Cornell Univ. Agr. Exp. Sta. Press bul., August, 1 page.
 Report of the Entomologist. Cornell Univ. Agr. Exp. Sta. Ann. rept. **16** for 1903:xvi-xvii.
 Expert entomologist gives facts in case. Ithaca daily news, June 5, p. 5.
 Cankerworm.
 A big fight with grape pests. West. New York Hort. Soc. Proc. **48**:75-78.
 The elm leaf beetle found at Ithaca, New York. Ent. news **14**:30.
 Compound vernacular names. Ent. news **14**:30-31.
 A humming-bird moth. Country life in America **3**:cxxxvii-cxxxviii, 6 fig.
 Facts about the seventeen-year locust. Country life in America **4**:136-137.
 The insect destructive to fruits. In Thomas' "American fruit cultivator," 21st ed., p. 160-210.
 The "tree preservation shield." Rural New-Yorker **62**:371.
 The apple twig-borer. Rural New-Yorker **62**:372.
 The cabbage maggot. Rural New-Yorker **62**:420.
 Bollworm on tomatoes. Rural New-Yorker **62**:486.

1903 (*continued*)

- Notes about some insects. Did ants injure the corn? Where potato beetles come from. Rural New-Yorker **62**:499.
- Snails destroying tobacco plants. Rural New-Yorker **62**:516.
- Life cycle of potato beetles. Rural New-Yorker **62**:532.
- Strawberry leaf-roller. Rural New-Yorker **62**:532.
- The story of the white grub. Rural New-Yorker **62**:564.
- "Chiggers" or red mites. Rural New-Yorker **62**:612.
- Work of the fall webworm. Rural New-Yorker **62**:644.
- Arsenite of soda for spraying. Rural New-Yorker **62**:658.
- Woolly aphid. Rural New-Yorker **62**:660.
- Salt in the lime-sulphur wash. Rural New-Yorker **62**:707.
- Slugs injure strawberries. Rural New-Yorker **62**:708.
- Shot-hole borer in cherry tree. Rural New-Yorker **62**:709.
- More about woolly aphid. Rural New-Yorker **62**:738.
- The scale on fallen leaves. Rural New-Yorker **62**:771.
- Sulphate of copper for scab. Rural New-Yorker **62**:819.
- Potato scab.
- Apple curculio. Rural New-Yorker **62**:820.
- Use of arsenite of soda. Rural New-Yorker **62**:852.

1904

- The grape leaf-hopper. Cornell Univ. Agr. Exp. Sta. Bul. 215:79-102.
- The grape-berry moth. Cornell Univ. Agr. Exp. Sta. Bul. 223:41-60.
- Two grape pests. I. Effective spraying for the grape root-worm. II. A new grape enemy: the grape blossom-bud gnat. By M. V. Slingerland and Fred Johnson. Cornell Univ. Agr. Exp. Sta. Bul. 224:61-73.
- What our insect enemies cost. Cornell countryman **1**:106-107.
- Entomology. Cornell Univ. Agr. Exp. Sta. Ann. rept. **17** for 1904:40-45.
- The crusade against mosquitoes. Cornell nature study leaflets. New York Dept. Agr. Nature-study bul. **1**:241.
- Insect pests of house and garden. Cornell reading-course for farmers' wives. Series 2, no. 10:185-200d.
- Report of the committee on entomology. New York State Fruit Growers' Assoc. Proc. **3**:24-29.
- Removing insect pests. Farm stock journal, January 21.
- Scale of fruit and forest trees. Amer. agr. **74**:4.
- A small though "mitey" enemy. National nurseryman **12**:162.
- Insect photography. U. S. Bur. Ent. Bul. 46:5-13, fig. 1-2.
- Address, as president, at the sixteenth annual meeting of the Association of Economic Entomologists.

1904 (*continued*)

- Some serious insect depredations in New York in 1903. U. S. Bur. Ent. Bul. 46:69-73, pl. II.
- Troublesome insects of the year.
Same as above with alterations printed separately, 13 pages.
- Notes and some new facts about some New York grape pests. U. S. Bur. Ent. Bul. 46:73-78, 1 fig.
- Our insect enemies in 1903. West. New York Hort. Soc. Proc. 49:72-77.
- The grape leaf folder. Rural New-Yorker 63:68.
- Kerosene in bordeaux mixture. Rural New-Yorker 63:132.
- Hard to fight the bud moth. Rural New-Yorker 63:209.
- Walnut and cedar near apples. Rural New-Yorker 63:214.
Yellow-necked caterpillar and cedar rust of apples.
- Dipping small trees before planting. Rural New-Yorker 63:234.
- Insects working in pop corn. Rural New-Yorker 63:262.
Angoumois grain moth(?).
- Red spiders on walls. Rural New-Yorker 63:284.
- English sparrows and lice. Rural New-Yorker 63:304.
- The cabbage maggot and its handling. Rural New Yorker 63:305.
- The cauliflower root-maggot. Rural New-Yorker 63:345.
- Making a kerosene emulsion. Rural New-Yorker 63:364.
- "Downicide" for spraying trees. Rural New-Yorker 63:380.
- Fighting the cabbage maggot. Rural New-Yorker 63:413.
- How to kill canker-worms. Rural New-Yorker 63:428.
- Carbolic acid emulsion. Rural New-Yorker 63:436.
- Wireworms and beans. Rural New-Yorker 63:444.
- How to fight ants. Rural New-Yorker 63:538.
- Scarcity of potato beetles. Rural New-Yorker 63:541.
- Worms in field beans. Rural New-Yorker 63:548.
- White grubs in stable manure. Rural New-Yorker 63:565.
- Arsenate on apples. Rural New-Yorker 63:574.
- Fighting the buffalo carpet-beetle. Rural New-Yorker 63:588.
- White grubs in strawberries. Rural New-Yorker 63:780.
- Salt for quince borers. Rural New-Yorker 63:796.
- Sprays for southern vegetables. Rural New-Yorker 63:811.
- Fighting scale in young orchard. Rural New-Yorker 63:825.
- Injurious insects from Turkey. Rural New-Yorker 63:925.
Yponomeuta sp.

1905

- Two new shade-tree pests: sawfly leaf miners on European elms and alder. Cornell Univ. Agr. Exp. Sta. Bul. 233:47-62.
- An interesting canker worm experiment. Cornell countryman 2:157, 1 fig.

1905 (continued)

- Some insect problems and experiences West. New York Hort. Soc. Proc. **50**:95-100, 3 fig.
- Rose chafer. National nurseryman **13**:61.
- Vineyard spraying — successful combats with insect enemies. Country calendar **1**:269.
- Codling moth; insects in sod orchards. Rural New-Yorker **64**:57.
Woolly aphis.
- Onion blight and onion maggot. Rural New-Yorker **64**:226.
- “New process lime” for bordeaux mixture. Rural New-Yorker **64**:227.
- Sal soda for hen lice. Rural New-Yorker **64**:320.
- Guarding against cabbage maggot. Rural New-Yorker **64**:339, 2 fig.
- Strength of the bordeaux mixture. Rural New-Yorker **64**:370.
- New-process limes in bordeaux mixtures. Rural New-Yorker **64**:391, fig. 161-163.
- Bands for the codling moth. Rural New-Yorker **64**:407.
- Angleworm queries. Rural New-Yorker **64**:408.
- Angleworms in cabbage. Rural New-Yorker **64**:440.
- Insects on strawberries. Rural New-Yorker **64**:461.
Chrysomela suturalis.
- Two troublesome insects. Climbing cutworms. The steely beetle on grape buds. Rural New-Yorker **64**:471.
- Getting rid of bats. Rural New-Yorker **64**:477.
- Poison for striped melon-bugs. Rural New-Yorker **64**:505.
- Remedy for apple borers. Rural New-Yorker **64**:536.
- An army of maggots. Rural New-Yorker **64**:536.
- Sod or clean culture for insects. Rural New-Yorker **64**:549.
- Cabbage maggots and fertilizers. Rural New-Yorker **64**:552.
- Bisulphide of carbon for ants. Rural New-Yorker **64**:600.
- Ups and downs of insects. Rural New-Yorker **64**:727.
- “This worm has feathers.” Rural New-Yorker **64**:742, fig. 316.
- Soil containing white grubs. Rural New-Yorker **64**:744.

1906

- The bronze birch borer: an insect destroying the white birch. Cornell Univ. Agr. Exp. Sta. Bul. 234:63-78.
- Cooperative spraying experiments. I. Experiments against the plum and quince curculios. II. Final demonstrations of efficiency of a poison spray for the grape root-worm. III. Making bordeaux mixture with “new process” or prepared lime. Cornell Univ. Agr. Exp. Sta. Bul. 235:79-98.
- Entomology. Cornell Univ. Agr. Exp. Sta. Ann. rept. **18** for 1905:44-47.

1906 (*continued*).

- Some San José scale notes. Cornell countryman **3**:158-160.
 A campaign against San José scale. National nurseryman **14**:343-344.
 Spraying for the San José scale. Metropolitan and rural home **16**.
 November. Figures.
 Formaldehyde as an insecticide. Ent. news **17**:130-133.
 A business experiment with scalecide against the San José scale. Syllabi
 of lectures at Normal Institute for farmers' institute workers. Novem-
 ber 20 to December 1, 1906, p. 15.
 An experiment with oil sprays. Rural New-Yorker **65**:17.
 Late brood of codling moth. Rural New-Yorker **65**:173.
 Sugar beets and wireworms. Rural New-Yorker **65**:280.
 Plum curculio; bordeaux mixture. Rural New-Yorker **65**:346.
 Lime and sulphur for hen lice. Rural New-Yorker **65**:455.
 How to kill cabbage maggot. Rural New-Yorker **65**:520.
 White grubs and potatoes. Rural New-Yorker **65**:846.
 Millipede worms. Rural New-Yorker **65**:846.

1907

- Some insect notes. Yates county chronicle [Penn Yan, New York].
 January 16.
 Spraying. Metropolitan and rural home **17**. February.
 Entomology as sometimes writ at Cornell. Cornell countryman **4**:153.
 Entomology. Cornell Univ. Agr. Exp. Sta. Ann. rept. **19** for 1906:73-76.
 My summer house. Country life in America **12**:xvi.
 Some insect notes. New York State Fruit Growers' Assoc. Proc.
6:99-104.
 Some spraying philosophy and practice. West. New York Hort. Soc.
 Proc. **52**:29-32.
 The more urgent problems in insect control. U. S. Dept. Agr., Office
 Exp. Sta. Bul. **106**:104-109.
 Powder-post beetles. Rural New-Yorker **66**:4.
 Fighting the woolly aphid. Rural New-Yorker **66**:40.
 San José scale on market fruit. Rural New-Yorker **66**:123.
 Peach curculio. Rural New-Yorker **66**:256.
 Insect on hop vine. Rural New-Yorker **66**:320.
 The harlequin cabbage bug. Rural New-Yorker **66**:360.
 Bedbugs in a henhouse. Rural New-Yorker **66**:583.
 Corn ear worm; wireworms. Rural New-Yorker **66**:589.
 White grubs and mealy bugs. Rural New-Yorker **66**:921.

1908

- Insect pests and plant diseases: II. Insects and their control. III. Insecticides. By M. V. Slingerland and C. R. Crosby. Cornell Univ. Agr. Exp. Sta. Bul. 252:337-349. 2d ed. 1908.
- Means of controlling insects. In Bailey's Cyclopedia of American Agriculture 2:40-46, fig. 59-71.
- Entomology. Cornell Univ. Agr. Exp. Sta. Ann. rept. 20 for 1907:47-48.
- Report on insects. New York State Fruit Growers' Assoc. Proc. 7:18-20.
- No danger from San José scale-infested fruit. Canadian hort. 30. December.
- The importance of spraying. Metropolitan and rural home 18. March, 2 fig.
- The elm leaf beetle; a warning. Ithaca daily journal, April 28, p. 6.
- The peach-tree borer. West. New York apple 1:85-92.
- Must the calyx cup be filled? Journ. econ. ent. 1:252-254, pl. 7.
- Habits of woolly aphid. Rural New-Yorker 67:80.
- Brown beetles on raspberries. Rural New-Yorker 67:120.
Curus unicolor.
- "Roasting" out the scale. Rural New-Yorker 67:125.
- Plant lice on peas. Rural New-Yorker 67:168.
- The cabbage maggot. Rural New-Yorker 67:259.
- A talk about arsenic sprays. Rural New-Yorker 67:287.
- English sparrows and bedbugs. Rural New-Yorker 67:338.
- Elm leaf beetles. Rural New-Yorker 67:452.
- Work of the plum curculio. Rural New-Yorker 67:473.
- Fumigating for ants. Rural New-Yorker 67:504.
- Snails in cold frames. Rural New-Yorker 67:521.
- Formalin and angleworms. Rural New-Yorker 67:522.
- Habits of curculio and rose bugs. Rural New-Yorker 67:566.
- Wireworms in corn. Rural New-Yorker 67:617.
- Habits of curculio and rose bugs. Rural New-Yorker 67:633.
- Fighting the strawberry weevil. Rural New-Yorker 67:804.
- Chemicals and the codling moth. Rural New-Yorker 67:953.

1909

- Angoumois grain moth. Rural New-Yorker 68:6.
- Infection with blight and woolly aphid. Rural New-Yorker 68:84.
- Facts about the gape worm. Rural New-Yorker 68:177.
- Must the calyx cup of the apple be filled? Better fruit 3:29.
- Some new fruit pests. New York State Fruit Growers' Assoc. Proc. 8:121-126.
- Some new fruit pests and other bug notions. West. New York Hort. Soc. Proc. 54:89-95, 3 fig.

1910

The control of insect pests and plant diseases: I. Insects and their control. II. Insecticides. By M. V. Slingerland, G. W. Herrick, and C. R. Crosby. Cornell Univ. Agr. Exp. Sta. Bul. 283:466-479, fig. 191-205.

1914

Fruit insects. By M. V. Slingerland and C. R. Crosby.

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