

**Dr. Richard L. Ridgway, Papers,  
1856-2015 and undated**

<b>Box #</b>	<b>File #</b>	<b>Description</b>
		Texas Tech University
1	1	Ridgway, R. L. "The Early Texas Tech Years," Chapter 2, pp.11-20. In: Ridgway, R. L. <i>Rich and Rewarding Journey: Pursuing the Health of the Land and Its People Through Increased Scientific Knowledge</i> . Xlibris, 2012.
1	2	Newspaper articles, 1955-1956 Sears Scholarship, Agronomy Club and ROTC honors, Crops and Dairy Products judging teams, Pig Roast and Friedberg Scholarship, Alpha Zeta and Sigma Chi activities, Leadership retreat (chairman), Texas Tech Salutes, Who's Who in Colleges and Universities
1	3	Correspondence: Texas Tech, Texas A&M, James G. Allen, and George Mahon, 1953-1959
1	4	Selected recognitions <ol style="list-style-type: none"> <li>1. All-College Recognition Services, 1954-1956</li> <li>2. Scholarship recognitions</li> <li>3. National Sears Scholarship</li> </ol>
1	5	Student organization: Phi Eta Sigma, Alpha Chi, Agronomy Society, Alpha Zeta, Sigma Chi, Board on Student Organizations
1	6	TTU graduation diploma
1	7	Sigma Chi 50 <sup>th</sup> reunion: program and attendees
1	8	Class of 1957 reunion: organizing committee, attendees with emphasis on agriculture classmates
1	9	Outstanding Agriculturalist and endowments (CASNR, SWC/SCL, and unassigned)
		Cornell University graduate studies
1	10	Ridgway, R. L. "High above Cayuga's Waters." Chapter 3, pp. 21-32. In Ridgway, R. L. <i>Rich and Rewarding Journey: Pursuing the Health of the Land and Its People Through Increased Scientific Knowledge</i> . Xlibris, 2012.
1	11	Ridgway, R. L. <i>Control of Insects Injurious to Birdsfoot Trefoil</i> , Lotus corniculatus. L. M. S. thesis, Cornell University, NY. pp. 34. 1959.
1	12	Ridgway, R. L. <i>Studies of the Biology and Economic Importance of the Tarnished Plant Bug, Lygus lineolaris (P. de B.) in Relation to Birdsfoot Trefoil Seed Production</i> . Ph. D. Dissertation, Cornell University, NY. 131 pp. 1960.
1	13	Cornell research (6 items), 1958-1960 <ol style="list-style-type: none"> <li>1. Neunzig, N. H., R. L. Ridgway, and G. G. Gyrisco. "Plant Bugs Reduce Yields of Birdsfoot Trefoil Seed." <i>Farm Research New York Agricultural Experiment Station</i>, pp. 10-11. September 1958.</li> <li>2. Ridgway, R. L. and G. G. Gyrisco. "Control of Insects Injurious to Birdsfoot Trefoil in New York." <i>Journal of Economic Entomology</i> 52, pp. 836-838. 1959.</li> <li>3. Ridgway, R. L., and G. G. Gyrisco. "Evaluation of Insecticides for Control of the Tarnished Plant Bug on Birdsfoot Trefoil." <i>Journal of Economic Entomology</i> 53. Pp. 690. 1960.</li> </ol>

4. Ridgway, R. L. and G. G. Gyrisco. "Effect of Temperature on the Rate of Development of *Lygus lineolaris* (Hemiptera: Miridae)." *Annals of the Entomological Society of America* 53. pp. 1063-1065. 1960.
  5. Ridgway, R. L. and G. G. Gyrisco. "Studies of the Biology of the Tarnished Plant Bug, *Lygus lineolaris*." *Journal of Economic Entomology* 54. pp. 244-246. 1960.
  6. Ridgway, R. L. and G. G. Gyrisco. "Control of the Tarnished Plant Bug, *Lygus lineolaris* on Birdsfoot Trefoil Grown for Seed." *Journal of Economic Entomology* 54. pp. 244-246. 1960.
- 1            14            George and Val Gyrisco
1. George G. Gyrisco Graduate Student Award in Applied Entomology established in 2008. Photograph of those present for the presentation of the first award at Cornell University, Ithaca, New York, from the *Cornell Entomology Newsletter*, 2009. Obituaries for Dr. Gyrisco and his wife, Val.
- 1            15            Texas Agricultural Extension Service
- 1            16            Ridgway, R. L. "Getting Started along the Brazos." In: *Rich and Rewarding Journey: Pursuing the Health of the Land and Its People Through Increased Scientific Knowledge*. Xlibris, 2012.
- 1            16            Insect Control, Texas Agricultural Extension Service, 1961-1964
1. Garner, C. F., R. L. Ridgway, and J. A. Price. "The Screwworm and its Control." *Texas Agricultural Extension Service Miscellaneous Publication*. MP-542. 1961.
  2. Garner, C. F. and R. L. Ridgway. "Control of Insects in Farm-Stored Grain." *Texas Agricultural Extension Service Leaflet*. L-217. 1961.
  3. Burgin, C., C. F. Garner, and R. L. Ridgway. "An Introduction to Beekeeping." *Texas Agricultural Extension Service Bulletin*. B-153. 1962. NI
  4. Garner, C. F. and R. L. Ridgway. "The Screwworm." *Texas Agricultural Extension Service Leaflet*. L-560. 1962.
  5. Garner, C. F. and R. L. Ridgway. "Texas Guide for Controlling External Parasites of Livestock and Poultry." *Texas Agricultural Extension Service Leaflet*. L-256. 1962. NI
  6. Garner, C. F., R. L. Ridgway, J. A. Deer, D. A. Wolfenbarger, and W. H. Newton. "Texas Guide for Controlling Insects on Vegetable Crops." *Texas Agricultural Extension Service Leaflet*. L-255. 1962. NI
  7. Ridgway, R. L. "Cotton Insect Control." *Cotton Trade Journal*. January 12, 1962. NI
  8. Ridgway, R. L. "Rice Insect Control in Texas." *Rice Journal*. 65(3): 14, 1962.
  9. Ridgway, R. L. "Cattle Grubs are Costly Pests." *Cattleman*, 49 (4): 153-154, 1962.
  10. Ridgway, R. L. "The Latest on the Southwest Screwworm Eradication Program." *Sheep and Goat Raiser*, 42(11): 18-19, 1962.
  11. Ridgway, R. L. "Sanitation, Temperature and Moisture Control are Biggest Determining Factors in Control of Major and Minor Pests." *Grain Feed Journal* 119(18): 36, 38, 1962.

12. Ridgway, R. L. "Pesticide Drift." *Texas Agricultural Extension Service Miscellaneous Publication*. MP-5761, 1962.
13. Ridgway, R. L. and C. E. Garner. "Let's Eradicate the Screwworm!" *Texas Agricultural Extension Service Leaflet*. L-569, 1962. NI
14. Ridgway, R. L. "The Latest on the Southwest Screwworm Eradication Program." *Sheep and Goat Raiser* 42(11): 18-19, 1962.
15. Newton, W. H. and R. L. Ridgway. "Texas Guide for Controlling Insects on Ornamental Plants." *Texas Agricultural Extension Service Leaflet*. L-100, 1963.
16. Ridgway, R. L. "Cotton Insect Control." *Cotton Trade Journal*. January 6, 1963. NI
17. Ridgway, R. L. and C. E. Garner. "Texas Guide for Controlling Household Insects." *Texas Agricultural Extension Service Leaflet*. Leaflet-311, 1963.
18. Ridgway, R. L., C.E. Garner, N. M. Randolph, G. C. Bowling and N. E. Daniels. "Texas Guide for Controlling Insects on Sorghum, Small Grain, Corn, Grasses." *Texas Agricultural Extension Service Miscellaneous Publication*. MP-339, 1963 NI
19. Ridgway, R. L., J. G. Thomas, and M. A. Price. "Tests with Systemic Insecticides for Cattle Grub Control." *Texas Agricultural Experiment Station Progress Report*. PR-2299, 5 pp. 1964.
20. Ridgway, R. L., W. H. Newton, and N. M. Randolph. "Incidence and Control of a Flannel Moth, *Megalopyge Laceyi* (B. and McD.)." *Texas Agricultural Experiment Station Progress Report*. PR-2301, 3 pp., 1964.
21. Ridgway, R. L. "Cotton Insect Control." *Cotton Trade Journal*. January 6, 1963. NI

1            17

#### U.S. Army Medical Service Corps

1. Delay in call to active duty until September 1960.
2. Ridgway, R. L., T. McGregor, and J. E. Hanigan. "The Effect of Residual Deposits of Insecticides on the Scorpion, *Centruroides vittatus* (Say)." *Journal of Economic Entomology*. 55:1012-1013, 1962. Research conducted while on active duty with the U.S. Army Medical Services Corps, 1960-1961.
3. Honorable discharge as a First Lieutenant, 1961.

1            18

#### ARS personnel evaluation, 1993

1            19

#### Cataloged books and serials, 1969-2015

1            20

#### Systemic insecticides, et. al. (28 titles), 1963-1967

1. Ridgway, R. L. "Systemic Insecticide Sales (For Cattle Grubs)." *Farm Chemicals*. 128(6): 22, 77, 1963.
2. Lindquist, D. A., D. I. Bull, and R. L. Ridgway. "Systemic Activity of Bidrin in the Cotton Plant." *Journal of Economic Entomology*. 58: 200-203, 1965.
3. Ridgway, R. L. "Systemics for Cotton." *Farm Chemicals*. 128(6): 80, 82, 1965.
4. Ridgway, R. L. and L. J. Gorzycki. "Evaluation of some experimental Phosphorus and Carbamate Compounds as Systemic Insecticides." *USDA, ARS* 33-106, 1965.

5. Ridgway, R. L., L. J. Gorzycki, and D. A. Lindquist. "Evaluation of Systemic Insecticides for Cotton Insect Control." *Journal of Economic Entomology*. 58: 666-669, 1965.
6. Ridgway, R. L., S. L. Jones, and D. A. Lindquist. "Effect of American Cyanimid DL-47031 on Fecundity and Longevity of the Boll Weevil." *Journal of Economic Entomology*. 58: 790-791, 1965.
7. Ridgway, R.L., D. A. Lindquist, and D. L. Bull. "Effect of Method of Application on Uptake of Disulfoton by the Cotton Plant." *Journal of Economic Entomology*. 58: 349-352, 1965.
8. Ridgway, R. L., H.J. Walker, R. L. Hanna, and W. L. Owen. "Fertilizers Impregnated with Systemic Insecticides Applied as Sprays to Control Thrips and the Cotton Leafhopper." *Journal of Economic Entomology*. 60: 592-594.
9. Cowan, C. B., Jr., J. W. Davis, J. K. Walker, W. C. Watkins, Jr., and R. F. Dudley. "Systemic Insecticides for Control of Cotton Insects." *Journal of Economic Entomology*. 59: 958-961, 1965.
10. Davis, J. W., C.B. Cowan, Jr., W. C. Watkins, Jr., P. D. Lingren, and R. L. Ridgway. "Experimental Insecticides Applied as Sprays to Control Thrips and the Cotton Fleahopper." *Journal of Economic Entomology*. 59: 980-982, 1965.
11. Davis, J. W., C. W. Watkins, Jr., P. D. Lingren, and R. L. Ridgway. "Control of Several Cotton Pests with Systemic Insecticides." *Journal of Economic Entomology*. 59: 159-162, 1966.
12. Dudley, R. F. and R. L. Ridgway. "Applicator for Precision Placement of Chemicals in Soil." *USDA. ARS 42-135*. 8 pp., 1966.
13. Loeffler, W. W., Jr., G. W. Trimmerger, F. H. Fox, R. L. Ridgway, D.J. Lisk, and G. G. Gyrisco. "Extend of Residues in Milk Resulting From Use of Guthion-treated Forage." *Journal of Agricultural and Food Chemistry*. 14: 46-47, 1966.
14. Reeves, B. G. and R. L. Ridgway. "Mechanizing Application of Systemics." *Cotton Trade Journal (International Edition)*. 33: 46-56, 1966. NI
15. Ridgway, R. L., L.J. Gorzycki, and D. A. Lindquist. "Effect of Metabolite Analogs on Larval Development and Oviposition in the Boll Weevil." *Journal of Economic Entomology*. 59: 143-146, 1966.
16. Ridgway, R. L., C. G. Jackson, Raymond Patana, D. A. Lindquist, B. G. Reeves, and L. A. Bariola. "Systemic Insecticides for Control of *Lygus hesperus* (Knight) on Cotton." *Journal of Economic Entomology*. 59: 1017-1018, 1966.
17. Ridgway, R. L., S.L. Jones, and L. J. Gorzycki. "Test for Boll Weevil Control With a Systemic Insecticide and a Boll Weevil Feeding Stimulant." *Journal of Economic Entomology*. 59: 149-153, 1966.

18. Ridgway, R. L. and D. A. Lindquist. "Systemic Activity of Shell SD-9129 in Cotton Plants." *Journal of Economic Entomology*. 59: 961-964.
19. Ridgway, R. L., B. G. Reeves, C. B. Cowan, L. H., and D. A. Lindquist. "Stem Applications of Azodrin for Control of the Cotton Fleahopper." *Journal of Economic Entomology*. U.S. Patent 3,314,190. 1967.
20. Ridgway, R. L., B. G. Reeves, and L. H. Wilkes. "Apparatus for Applying Systemic Insecticides for Control of Tarnished Plant Bugs on Cotton." *Journal of Economic Entomology*. 60: 257-260, 1967.
21. Bariola, L. A., D. A. Lindquist, and R.L. Ridgway. "Greenhouse and Field Cage Tests with Systemic Insecticides for Control of Tarnished Plant Bugs on Cotton." *Journal of Economic Entomology*. 60: 257-260, 1967.
22. Lindquist, D. A., J. R. Coppedge, R. L. Ridgway, C.B. Cowan, Jr., and D. R. Rummel. "A Preliminary Report on the Effectiveness of Temik Sidedress Treatment for Overwintered Boll Weevil Control." Texas Agriculture Experiment Station. *Technical Report No. 9*, 1967.
23. Lingren, P. D. and R. L. Ridgway. "Toxicity of Five Insecticides to Several Insect Predators." *Journal of Economic Entomology*. 60: 639-641, 1967.
24. Lingren, P. D. and R. L. Ridgway. "Stem and Soil Applications of Systemic Insecticides to Cotton for Control of *Lygus hesperus*." *Journal of Economic Entomology*. 48: 646-647, 1967.
25. Reeves, B. G., L.H. Wiles, R. L. Ridgway, and D. A. Lindquist. "Applying Systemic Insecticides to Cotton: An Equipment Evaluation." *Journal of the American Society of Agricultural Engineering*. 48: 646-647, 1967.
26. Reeves, B. G., L.H. Wiles, R. L. Ridgway, and D. A. Lindquist. "Design and Evaluation of Equipment for Basal Application of Systemic Insecticides to Cotton Plants" *Transactions of the ASAE (American Society of Agricultural Engineers)*. 10: 179-181, 1967.
27. Ridgway, R. L. "Research on Systemic Insecticides and Methods of Applying Them for Control of Cotton Insects." *Cotton Grower Review*. 44: 39-50, 1967.
28. Ridgway, R. L., P. D. Lingren, C. B. Cowan, Jr., and J. W. Davis. "Populations of Arthropod Predators and *Heliothis* spp. after Applications of Systemic Insecticides to Cotton." *Journal of Economic Entomology*. 60: 1012-1016, 1967.

*Rich and Rewarding Journey*, chapters 5-9, 1965-2011.

Lindgren, PhD dissertation, 1967

Insecticides and biological controls (17 titles)

1. Lingren, P. D., R. L. Ridgway, C. B. Cowan, Jr., and W. C. Watkins. "Biological Control of the Bollworm and the Tobacco Budworm by Arthropod Predators Affected by Insecticides." *Journal of Economic Entomology*. 61: 1521-1525, 1968.

1      21  
1      22  
1      23

2. Lingren, P. D., R. L. Ridgway, and S.L. Jones. "Consumption by Several Arthropod Predators of Eggs and Larvae of Tow *Heliothis* Species That Attack Cotton." *Annals of the Entomological Society of America*. 61: 613-618, 1968.
3. Ridgway, R. L., L. A. Bariola, S. L. Jones, and W. L. Lowry. "Stem Treatments to Cotton With Systemic Insecticides against *Heliothis* Species That Attack Cotton." *Bulletin of Entomological Research*. 57: 553-558, 1968.
4. Ridgway, R.L. and S. L. Jones. "Field-Cage Releases of *Chrysopa camea* for Suppression of Populations of the Bollworm and the Tobacco Budworm on Cotton." *Journal of Economic Entomology*. 61: 892-898, 1965.
5. Ridgway, R. L. and S. L. Jones. "Plant Feedings by *Geocoris pallens* and *Nabis americanoferus*." *Annals of the Entomological Society of America*. 61: 232-233, 1968.
6. Ridgway, R. L., S. L. Jones, J. R. Coppedge, and D. A. Lindquist. "Systemic Activity of 2-methyl-2-(methylthio) propionaldehyde O-(methylcarbamoyl) oxime (UC-21149) in the Cotton Plant with Special Reference to the Boll Weevil." *Journal of Economic Entomology*. 61: 1705-1712, 1968.
7. Ridgway, R. L. and N. M. Randolph. "Stem Applications of Systemic Insecticides to Com." *Journal of Economic Entomology*. 61: 581-582, 1968.
8. Abid, M. K. and R. L. Ridgway. "Mortality, Longevity, and Fecundity of Spider Mites on Cotton Treated with Systemic Acaricides." *Journal of Economic Entomology*. 62: 13-16, 1969.
9. Bull, D. L. and R. L. Ridgway. "Metabolism of Trichlorfon in Animals and Plants." *Journal of Agricultural and Food Chemistry*. 17: 837-841, 1969.
10. Coppedge, J. R., D. A. Lindquist, R. L. Ridgway, C. B. Cowan, and L. A. Bariola. "Sidedress Applications of Union Carbide UC-21149 for control of Overwintered Boll Weevils." *Journal of Economic Entomology*. 62: 558-565, 1969.
11. Ridgway, R. L. "Control of the Bollworm and Tobacco Budworm through Conservation and Augmentation of Predaceous Insects." Chapter in *Proceedings-Tall Timbers Conference on Ecological Animal Control by Habitat Management*. 1: 127-144, 1969.
12. Ridgway, R. L. and S. L. Jones. "Inundative Releases of *Chrysopa carnea* for Control of *Heliothis* on Cotton." *Journal of Economic Entomology*. 62: 177-180, 1969.
13. Bariola, L. A., P. D. Lingren, D. A. Lindquist, and R. L. Ridgway. "Uptake of Systemic Insecticides after Application to the Stems of the Cotton Plant." *Journal of Economic Entomology*. 63: 1898-1901, 1970.
14. Buff, D. L., R. A. Stokes, J. R. Coppedge, and R. L. Ridgway. "Further Studies of the Fate of Aldicarb in Soil." *Journal of Economic Entomology*. 63: 834-836, 1970.

15. Ridgway, R. L., R. K. Morrison, and M. Badgley. "Mass Rearing a Green Lacewing" *Journal of Economic Entomology*. 63: 834-836, 1970.
16. Cox, H. C., R. L. Ridgway, T. F. Leigh, and H. M. Taft. "Review of DDT and Alternatives." Agricultural Research Service, USDA.
17. Ridgway, R. L. "Improved Use of Insecticides on Cotton and Some alternate Methods of Insect Control." *Proceedings: 3<sup>rd</sup> Annual Texas Conference on Insect, Plant Disease, Weed and Brush Control*. 204-207, 1970.
18. Ridgway, R. L. "Systemics and Their Use in Cotton Production." *Proceedings: 3<sup>rd</sup> Annual Texas Conference on Insect, Plant Disease, Weed and Brush Control*. 233-234, 1970.
19. Stokes, R. A., J. R. Coppedge (evaluation of), and R. L. Ridgway. "Chemical and Biological: the Release of Aldicarb from Granular Formulations." *Journal of Agricultural and Food Chemistry*. 18: 195-198, 1970.
20. Bull, D. L., R. A. Stokes, J. R. Coppedge, and R. L. Ridgway. "Further Studies of the Fate of Aldicarb in Soil." *Journal of Economic Entomology*. 63: 1283-1289, 1970.
21. Ridgway, R. L. "Systemics and Their Use in Cotton Production." *Proceedings: 3<sup>rd</sup> Annual Texas Conference on Insect, Plant Disease, Weed and Brush Control*. 233-234, 1970.
- 1        24        Regulatory actions on DDT (2 documents), 1970
  1.    Hardin, et al. *Brief on DDT*. Circa 1970.
  2.    Ridgway. Proposed statement on DDT. 1971.
- 1        25        Boyd, PhD dissertation, 1970
- 1        26        Martin, MS thesis, 1971
- 1        27        Biological controls, Special Report, 1971
- 1        28        Insects and insect controls (18 titles), 1971-1972
  1.    Bariola, L.A., R. L. Ridgway, and J.R. Coppedge. "Large-Scale Field Tests of Soil Applications of Aldicarb for Suppression of Populations of Boll Weevils." *Journal of Economic Entomology*. 64: 1280-1284, 1971.
  2.    Hartstack, A. W., Jr., J. P. Hollingsworth, R. L. Ridgway, and H. H. Hunt. "Determination of Trap Spacings Required to Control an Insect Population." *Journal of Economic Entomology*. 64: 1090-1100. 1971.
  3.    Ridgway, R. L. "Systemic Insecticides Supplemented with Inundative Releases of *Chrysopa carnea* Stephens for Cotton Insect Control." *Proceedings of the XIII International Congress of Entomology*, Moscow, USSR, 1968. Vol. II, p. 175. 1971. (Abstract).
  4.    Ridgway, R. L., L.A. Bariola, and D. D. Hardee, "Seasonal Movement of Boll Weevils near the High Plains of Texas." *Journal of Economic Entomology*. 64: 14-19, 1971.
  5.    Ridgway, R. L. "Aldicarb (Temik) for Control of Cotton Insects." *Proceedings of the Western Cotton Producers Conference*, El Paso, TX. p. 17-18, 1971.

6. Ridgway, R. L. "Green Lacewing Predators and Trichogramma Wasps Rearing." *Agriculture Research*, Agricultural Research Service, 1971-1972.
7. Cate, J. R., Jr., R. L. Ridgway, and P. D. Lingren. "Effects of Systemic Insecticides Applied to Cotton on Adults of an Ichneumonid Parasite, *Campoletis perdistinctus*." *Journal of Economic Entomology*. 65: 484-488, 1972.
8. Coppedge, J. R., Jr., W. L. Sterling, R. L. Ridgway, R. E. Kinzer, and C. J. Whitten. "Foliar Applications of Selected Insecticides for Control of Methyl Parathion-Resistant Tobacco Budworm." *Texas Agricultural Experiment Station Progress Report*. PR-3087. 8 pp. 1972.
9. Coppedge, J. R., R. E. Kinzer, and R. L. Ridgway. "Field Evaluations of *Bacillus thuringiensis* and *Heliothis* Nuclear Polyhedrosis Virus for Control of *Heliothis* on Cotton." *Texas Agricultural Experiment Station Progress Report*. PR-3087. 8 pp. 1972.
10. Ridgway, R. L. "Integrated Control of Cotton Insects in the United States." *Methods of Integrated Insect Control in Cotton, 31<sup>st</sup> Plenary Meeting of the International Cotton Advisory Committee*, Managua, Nicaragua. p. 190-195, 1972.
11. Ridgway, R. L. "Use of Parasites, Predators, and Microbial Agents in Management of Insect Pests of Crops." *Implementing Practical Pest Management Strategies, Proceedings of a National Extension Insect-Pest management Workshop, Purdue University*. p. 51-62, 1972.
12. Ridgway, R. L., and P. D. Lingren. "Predaceous and Parasitic Arthropods as Regulators of *Heliothis* populations." In: *Distribution, Abundance and Control of "Heliothis" Species in Cotton and Other Host Plants, 1964-1971. Southern Cooperative Series Bulletin*. 169. p. 48-56. 1972.
13. Ridgway, R. L. "Cotton Insect Pest Management Strategies of the Future in Texas." *Proceedings of the 5<sup>th</sup> Annual Texas Conference Insect, Plant Disease, Weed, and Brush Control*, College Station, TX. p. 1-3. 1972.
14. Ridgway, R. L. "Systemic Insecticides Supplemented with Inundative Releases of *Chrysopa carnea* Stephens for Cotton Insect Control." *Proceedings of the XIII International Congress of Entomology*, Moscow, USSR, 1968. Vol II. p.175. 1971. (Abstract).
15. Ridgway, R.L., L. A. Bariola, and D. D. Hardee. "Seasonal Movement of Boll Weevils near the High Plains of Texas." *Journal of Economic Entomology*. 64: 14-19, 1971.
16. Ridgway, R. L. "Aldicarb (Temik) for Control of Cotton Insects." *Proceedings Western Cotton Producers Conference*, El Paso, TX. p. 17-18. 1971.
17. Cate, J. R., Jr., R. L. Ridgway, and P. D. Lingren. "Effects of Systemic Insecticides Applied to Cotton on Adults of an Ichneumonid Parasite, *Campoletis perdistinctus*." *Journal of Economic Entomology*. 65: 484-488, 1972.



18. Ridgway, R. L. "Cotton Insect Pest Management Strategies of the Future in Texas." *Proceedings of the 5<sup>th</sup> Annual Texas Conference Insect, Plant Disease, Weed and Brush Control*, College Station, TX. p. 1-3. 1972.

Insects and insect controls (21 titles), 1973-1975

1. Bull, D. L., J. R. Coppedge, R. L. Ridgway, D. D. Hardee, and T. M. Graves. "Formulations for Controlling the Release of Synthetic Pheromone (grandlure) of the Boll Weevil." *Analytical Studies. Environmental Entomology*. 2: 829-835, 1973.
2. Bull, D. L., R. L. Ridgway, W. E. Buxkemper, M. Schwarz, T. P. McGovern, and R. Sarmiento. "Effects of Synthetic Juvenile Hormone Analogues on Certain Injurious and Beneficial Arthropods Associated With Cotton." *Journal of Economic Entomology*. 66: 623-626, 1973.
3. Coppedge, J. R. and R. L. Ridgway. "The Integration of Selected Boll Weevil Suppression Techniques in an Eradicated Experiment." *USDA Product Research Report*. 152. p. 26. 1973.
4. Coppedge, J. R., D. L. Bull, V. S. House, R. L. Ridgway, D. G. Bottrell, and C. B. Cowan, Jr. "Formulations for Controlling the Release of Controlling the Release of Synthetic Pheromone (grandlure) of the Boll Weevil." *Biological Studies in Environmental Entomology*. 2: 837-843, 1973.
5. Hartstack, A. W. Jr., J. P. Hollingsworth, R. L. Ridgway, and J. R. Coppedge. "A Population Dynamics Study of the Bollworm and the Tobacco Bud Worm with Light Traps." *Environmental Entomology*. 2: 244-252, 1973.
6. Ridgway, R. L., R. K. Morrison, R. E. Kinzer, R. E. Stinner, and B. G. Reeves. "Programmed Releases of Parasites and Predators for Control of *Heliothis* spp. on cotton." *Proceedings. Beltwide Cotton Production Research Conference, National Cotton Council, Memphis, TN*. p. 92-94. 1973.
7. Ridgway, R. L., R. E. Kinzer, R. K. Morrison, B. G. Reeves, and R. E. Stinner. "Mass Production and Programmed Releases of *Trichogramma* Wasp and Green Lacewings for Control of the Bollworm and Tobacco Budworm." *Folia Entomologia Mexicana*. 25: 82-83, 1973. (Abstract)
8. Stokes, R. A., J. R. Coppedge, D. L. Bull, and R. L. Ridgway. "Use of Selected Plastics in Controlled Release Granular Formulations of Aldicarb and Dimethoate." *Journal of Agricultural and Food Chemistry*. 21: 103-108, 1973.
9. Coppedge, J. R., R. A. Stokes, R. E. Kinzer, and R. L. Ridgway. "Biological Evaluations of Slow Release Formulations of Aldicarb." *Journal of Economic Entomology*. 67:292-294, 1974.
10. Ridgway, R. L., and R. E. Kinzer. "Chrysopids as Predators of Crop Pests." *Entomophaga, Mem. H. S.*, 7: 45-51, 1974.
11. Ridgway, R. L., R. E. Kinzer, and R. K. Morrison. "Production and Supplemental Releases of Parasites and Predators for Control of Insect and Spider Mite Pests of Crops." *Proceedings*

of the Summer Institute on Biological Control of Plant Insects and Diseases. pp. 110-116. 1974.

12. Stinner, R. E., R. L. Ridgway, J. R. Coppedge, R. K. Morrison, and W. A. Dickerson, Jr. "Parasitism of *Heliothis* Eggs after Field Releases of *Trichogramma pretiosum* in Cotton." *Environmental Entomology*. 3: 497-500, 1974.
13. Stinner, R. E., R. L. Ridgway, and R. E. Kinzer. "Storage, Manipulation of Emergence, and Estimation of Number of *Trichogramma pretiosum*." *Environmental Entomology*. 3: 505-507, 1974.
14. Stinner, R. E., R. L. Ridgway, and R. K. Morrison. "Longevity, Fecundity, and Searching Ability of *Trichogramma pretiosum* Reared by Three Methods." *Environmental Entomology*. 3: 558-560, 1974.
15. Wilson, D. D., and R. L. Ridgway. "Cocoon Spinning Behavior of the Parasitoid *Campoletis sonorensis*." *Environmental Entomology*. 3: 714-717, 1974.
16. Wilson, D. D., R. L. Ridgway, and S. B. Vinson. "Host Acceptance and Oviposition Behavior of the Parasitoid *Campoletis sonorensis* (Hymenoptera: Ichneumonidae)." *Annals of the Entomological Society of America*. 67: 271-274, 1974.
17. Coppedge, J. R., R. A. Stokes, R. E. Kinzer, and R. L. Ridgway. "Effect of Soil Moisture and Soil Temperature on the Release of Aldicarb from Granular Formulations." *Annals of the Entomological Society of America*. 68: 209-210, 1975.
18. Wilson, D. D. and R. L. Ridgway. "Morphology, Development, and Behavior of the Immature Stages of the Parasitoid, *Campoletis sonorensis* (Hymenoptera: Ichneumonidae)." *Annals of the Entomological Society of America*. 68: 191-196, 1975.
19. Coppedge, J. R., R. A. Stokes, R. L. Ridgway, and D. L. Bull. "Chemical and Biological Evaluations of Slow Release Formulations of Four Plant Systemic Insecticides." *Journal of Economic Entomology*. 68: 508-510, 1975.
20. Morrison, R. K., V. S. House, and R. L. Ridgway. "Improved Rearing Unit For Larvae of a Common Green Lacewing." *Journal of Economic Entomology*. 68: 821-822, 1975.
21. Hartstack, A. W., J. A. Witz, and R. L. Ridgway. "Suggested Applications of a Dynamic *Heliothis* model (MOTHZV-1) in Pest Management Decision Making." *Proceedings of a Beltwide Cotton Production Research Conference*, National Cotton Council, Memphis, TN. p. 118-122. 1975.

1 30  
1 31  
1 32  
1 33

Support for emergency exemption for DDT, 1975  
Reeves, PhD dissertation, 1975  
Kinzer, PhD dissertation, 1976  
Insects and insect controls (21 titles), 1976-1977

1. House, V. S., D. A. Lindquist, and R. L. Ridgway. "Distribution of a Systemic Insecticide in Cotton Plants after Stem Treatments." *USDA, ARS-S-86*. 6 p. 1975.
2. Henson, R. D., D. L. Bull, R. L. Ridgway, and G.W. Ivie. "Identification of the Oxidative Decomposition Products of the

- Boll Weevil Pheromone, Grandlure, and the Determination of the Fate of Grandlure in Soil and Water.” *Journal of Agricultural and Food Chemistry*. 24: 228-231, 1976.
3. Ridgway, R. L. “Recent Advances in Boll Weevil Research.” *Proceedings. Beltwide Cotton Production Mechanization Conference*. National Cotton Council, Memphis, TN. p. 46-47. 1976.
  4. Ridgway, R. L. “Approaches to Controlling the Boll Worm and Tobacco Budworm on Cotton.” *Proceedings. Beltwide Cotton Production Mechanization Conference*. National Cotton Council, Memphis, TN. p. 66-67. 1976.
  5. Coppedge, J. R., R. A. Stokes, R. L. Ridgway, and R. E. Kinzer. “Slow-Release Formulations of Aldicarb, Modeling of Soil Persistence.” *USDA, ARS-S-103*. p. 6. 1976.
  6. Jones, S. L. and R. L. Ridgway. “Developments of Methods for Field Distribution of Eggs of an Insect Prefator, *Chrysopa camea* Stephans.” *USDA ARS-S-124*. p. 5. 1976.
  7. Harstack, A. W., Jr., J. A. Witz, J. P. Hollingsworth, R. L. Ridgway, and I. D. Lopez. “MarHZV -2: A Computer Simulation of *Heliothis zea* and *Heliothis virescens* Population Dynamics.” *USDA, ARS-S-127*. p. 55. 1976.
  8. Morrison, R. K. and R. L. Ridgway. “Improvements in Techniques and Equipment for Production of a Common Green Lacewing, *Chrysopa camea*.” *USDA, ARS-S-143*. p. 5. 1976
  9. Kinzer, R. E., L. A. Bariola, R. L. Ridgway, and S. L. Jones. “Systemic Insecticides and a Nuclear Polyhedrosis Virus for Control of the Bollworm and Tobacco Budworm on Cotton.” *Journal of Economic Entomology*. 69: 697-701, 1976.
  10. Ridgway, R. L., J. P. Hollingsworth, and D. L. Bull. “Efficiency of Boll Weevil Pheromone Traps.” *Texas Agricultural Experiment Station Research Monograph*. 8 p. 16-19. 1976.
  11. House, V.S., D. L. Bull, J. R. Coppedge, and R. L. Ridgway. “Factors Affecting the Efficacy of the *Heliothis* Nuclear Polyhedrosis Virus.” *Southwest Entomology*. 1: 81-84, 1976.
  12. Martin, P. B, P. D. Lingren, G. L. Greene, and R. L. Ridgway. “Parasitization of Two Species of Plusiinae and *Heliothis* Spp. After Releases of *Trichogramma Pretiosum* in Seven Crops.” *Environmental Entomology*. 5: 991-995, 1976.
  13. Lopez, J. D., Jr., R. L. Ridgway, and R. E. Pinnell. “Comparative Efficacy of Four Insect Predators of the Bollworm and Tobacco Budworm.” *Environmental Entomology*. 5: 1160-1164. 1976.
  14. Bull, D. L., R. L. Ridgway, V. S. House, and N. W. Pryor. “Improved Formulations of the *Heliothis* Nuclear Polyhedrosis Virus.” *Journal of Economic Entomology*. 69: 731-736. 1976.
  15. Morrison, R. K., R. E. Stinner and R. L. Ridgway. “Mass Production of *Trichogramma pretiosum* on Eggs of the Angoumois Grain Moth.” *Southwestern Entomologist*. 1: 74-80. 1976.
  16. Kinzer, R. E., C. B. Cowan, R. L. Ridgway, J. W. Davis, Jr., J. R. Coppedge, and S. L. Jones. “Populations of Arthropod

- Predators and *Heliothis* Spp. After Application of Aldicarb and Monocrotophos to Cotton." *Environmental Entomology*. 6: 13-16. 1976.
17. Ridgway, R. L. "Future Outlook for Chemical and Biological Control of Cotton Insects." *Summary Proceedings of the Western Cotton Producers Conference, Lubbock, TX*. p. 68-72. 1976.
  18. Coppedge, J. R., D. L. Bull, and R. L. Ridgway. "Movement and Persistence of Aldicarb in Certain Soils." *Archives of Environmental Contamination and Toxicology*. 5: 129-141. 1977.
  19. Ridgway, R. L. and S. B. Vinson, eds. *Biological Control by Augmentation of Natural Enemies*. Plenum Press, NY, 1977.
  20. Ridgway, R. L., E. G. King, and J. L. Carrillo. "Augmentation of Natural Enemies for Control of Plant Pests in the Western Hemisphere." Chapter in: Ridgway, R. L. and S. B. Vinson, eds. *Biological Control by Augmentation of Natural Enemies*. New York: Plenum Press, 1977.
  21. Starler, N. H., and R. L. Ridgway. "Economic and Social Considerations for the Utilization of Augmentation of Natural Enemies." Chapter in: Ridgway, R. L. and S. B. Vinson, eds. *Biological Control by Augmentation of Natural Enemies*. New York: Plenum Press, 1977.
- |   |    |   |
|---|----|---|
| 1 | 34 | Exemption from registration for insecticides, 1977  |
|   |    | 1. Ridgway, R. L. (Task Force Chairman). "The bollworm and tobacco budworm on cotton." <i>USDA</i> . January 26 <sup>th</sup> , 1977. pp.46   |
| 1 | 35 | Toxaphene, 1978   |
|   |    | 1. Biological and economic assessments of the use of toxaphene.   |
| 1 | 36 | Dimilin, 1978   |
|   |    | 1. Ridgway, R. L. "Preliminary Biological and Economic Assessment of Some Proposed Uses of Diflubenzuron (Dimilin)." <i>USDA, EPA, and Cooperators</i> . pp. 197 September 12 <sup>th</sup> , 1978.                                       |
| 1 | 37 | Dimilin (2), 1978   |
|   |    | 1. Ridgway, R. L. "Effects of Diflubenzuron (Dimilin) on Nontarget Avian and Aquatic Organisms, and Its Fate in the Environment." <i>USDA and Cooperators</i> . p. 82 July 7 <sup>th</sup> , 1978.  |
|   |    | 2. Ridgway, R. L. "Potential Exposure of Diflubenzuron (Dimilin) to Birds, Non-Target Aquatic Organisms, and Humans." <i>USDA, EPA, and Cooperators</i> . p. 118 September 22 <sup>nd</sup> , 1978.                                       |
| 1 | 38 | ARS insect controls, 1976-1981  |
|   |    | 1. Ridgway, R. L., and J. C. Bailey. "Assessment of Pest Management for Glandless Cotton-Entomological Viewpoint." <i>Proceedings: Conference on Glandless Cotton: It's Significance, Status, and Prospects</i> . USDA, p. 118-121. 1978. |
|   |    | 2. Ridgway, R. L. "Biological Agents for Pest Control: Status and Prospects." <i>USDA</i> . February 1978.  |
|   |    | 3. Hartstack, A. W., Jr., R. L. Ridgway, and S. L. Jones. "Damage to Cotton by the Bollworm and Tobacco Budworm." <i>Journal of Economical Entomology</i> . 71: 239-243. 1978.  |

4. Jones, S. L., R. E. Kinzer, D. L. Bull, J. R. Ables, and R. L. Ridgway. "Deterioration of *Chrysopa carne* in Mass Culture." *Annals of the Entomological Society of America*. 71: 160-162. 1978.
5. Ridgway, R. L. "The Bollworm/Budworm Complex in 1977 and Future Strategies." *Proceedings. Beltwide Cotton Producers Mechanization Conference, National Cotton Council*. Memphis, TN. p. 43-44. 1978.
6. Ridgway, R. L. "Insect Control Becoming More Difficult." *Cotton International*. 45: 72, 76-77. 1978.
7. Ridgway, R. L. "Status of the Boll Weevil Eradication and Optimum Pest Management Trials." *Proceedings*. Dallas, Tex.: Beltwide Cotton Producers Mechanization Conference, p. 108-109. 1978.
8. Martin, P. B., R. L. Ridgway, and C. E. Scheutze. "Physical and Biological Evaluations of an Encapsulated Diet for Rearing *Chrysopa carnea*." *Florida Entomologist*. 61: 145-152. 1978.
9. Ridgway, R. L., L. C. Tinney, J. T. MacGregor, and N. H. Starler. "Pesticide Use in Agriculture." *Environmental Health Perspectives*. 27: 103-112. 1978.
10. Ridgway, R. L. "USDA Perspectives on Pest Management." *Pest Management in Transition. Proceedings*. Pest Control Strategies Conference. Wright-Ingraham Institute, Colorado Springs, CO, and Environmental Protection Agency, Denver, CO. pp. 117-120. 1978.
11. Ables, R., B. G. Reeves, R. K. Morrison, R. E. Kinzer, S. L. Jones, R. L. Ridgway, and D. L. Bull. "Methods for the Field Release of Insect Parasites and Predators." *Transactions of the American Society of Agricultural Engineers*. 18: 59-62. 1979.
12. Ridgway, R. L., N. H. Starler, and P. A. Andrienas. "Extent of Use, Cost, and Trends in the Control of Plant Pests: Insects." In: W. Ennis, ed. *Introduction to Crop Protection*. Madison, WI: American Society of Agronomy, 1979.
13. Ridgway, R. L. "Biological Pest Control" *Encyclopedia Britannica 1981 Yearbook of Science in the future*. p. 92-105. Chicago, IL. 1980.
14. Ridgway, R. L. "Assessing Agricultural Crop Losses Caused by Insects." *Crop Loss Assessment*. Misc. Publ. 7, Minnesota Agric. Expt. Stn. pp. 229-233. 1980.
15. Ridgway, R. L., J. R. Ables, C. Goodpasture, and A. W. Hartstack. "*Trichogramma* and Its Utilization for Crop Protection in the U.S.A." *Proceedings*. Joint American Soviet Conference on Use of Beneficial Organisms in the Control of Crop pests. Entomological Society of America, College Park, MD. pp. 41-48. 1981.
16. Ridgway, R. L., F. I. Proshold, T. J. Henneberry, D. F. Martin, and D. Keaveny. "Croix Studies with Sterile Pink Bollworms and Backcross Tobacco Budworms." *Proceedings*. Memphis, TN: Beltwide Cotton Producers Research Conference, National Cotton Council. pp. 152-153. 1981.

17. Ables, J. R., R. L. Ridgway. "Augmentation of Entomophagous Arthropods to Control Pest Insects and Mites." *Biological Control in Crop Production*. Beltsville Agricultural Research Center Symposium 5. p. 273-303. 1981.

ARS insect controls, 1982-1984

1. Klassen, W., R. L. Ridgway, and M. Inscoe. "Chemical Attractants in Integrated Pest Management Programs." In: A. F. Kydonieus and M. Beroza, eds. *Insect Suppression with Controlled Release Pheromone Systems*. Vol. 1. Boca Raton, FL: CRC Press, 1982. p. 13-130.
2. Ridgway, R. L. "Some Proposed Regional Area-Wide Cotton Insect Management Programs." *Proceedings*. Memphis, TN: Beltwide Cotton Producers Research Conference, National Cotton Council. p. 89-90. 1982.
3. Ridgway, R. L., E. P. Lloyd, and W. H. Cross. "Cotton Insect Management with Special Reference to the Boll Weevil." USDA. *Agricultural Handbook* No. 589. 1983.
4. Ridgway, R. L., and E. P. Lloyd. "Evolution of Cotton Insect Management in the United States." USDA. *Agricultural Handbook*. No. 589. p. 3-27. 1983.
5. Ables, J. R., J. L. Goodenough, A. W. Hartstack, and R. L. Ridgway. "Entomophagous Arthropods." USDA. *Agricultural Handbook*. No. 589. p. 103-128. 1983.
6. Coleman, E. W. and R. L. Ridgway. "Role of Stress Tolerance in Integrated Pest Management." D. Knorr. *Sustainable Food Systems*. Westport, CN: AVI Publishing Company. p. 124-142. 1983.
7. Ridgway, R. L. "Cotton protection in the United States and the World." *Proceedings*. Memphis, TN: 1983 Beltwide Cotton Prod. Mech. Conf. National Cotton Council. p. 75. 1983.
8. Ridgway, R. L. "Cotton Protection Practices in the U.S. and World-Insects." *Cotton. American Society of Agronomy. Monograph*. p. 265-287. 1984.
9. Ridgway, R. L. and M. N. Inscoe. "Use of Insect Pheromones in Pest Management." *1983 Proceedings of the Mississippi Entomological Association*. 3(1): 13. 1984.
10. Ridgway, R. L. and M. N. Inscoe, "Science, Technology, and Innovations Associated with the Development of Selected Insect Control Chemicals." USDA Agricultural Research Service. 24 p. February 24<sup>th</sup>, 1984.
11. Ridgway, R. L., and W. L. Murphy. "Biology of the Chrysopidae: Biological Control in the Field." M. Canard. *Biology of the Chrysopidae*. The Netherlands: Junk Publishers, 1984. p. 220-228.
12. Ridgway, R. L., A. Raina, and M. N. Inscoe. "Status of the Use of the Pheromones of *Heliothis* Species in Cotton Insect Management Programs." *Proceedings*. Memphis, TN.: 1983 Beltwide Cotton Producers Mechanization Conference. National Cotton Council. 1984. p. 188-189.
13. Meinwald, J., T. Eisner, H. M. Fales, L. Levenbook, K. Nakanishi, R. L. Ridgway, and J. Roth. "Conference on

Molecular Messengers in Nature.” NIH. Fogarty International, Center. Bethesda, MD, May 16-18<sup>th</sup>, 1984. (Abstracts).

14. Ridgway, R. L. “Controlled-Release Systems for the Delivery of Insect Pheromones.” *Proceedings*. XVII International Congress on Entomology. Hamburg, FRG. p. 460. 1984.
15. King, E. G., R. L. Ridgway, and A. W. Hartstack. “Propagation and Release of Entomophagous Arthropods.” *Proceedings*. Joint U.S. China Symposium on Biological Control. p. 99-121. 1984.

1            40

Insects and insect controls, 1983-1988

1. Inscoe, M. N., D. W. Bushman, and R. L. Ridgway. *Behavioral Chemicals Produced by Heliothis Species: Bibliographic Data Base 1964-1983*. USDA, ARS-35. p. 44. 1985.
2. Ridgway, R. L., W. A. Dickerson, J. R. Brazzel, J. E. Leggett, E. P. Lloyd, and F. R. Planner. “Boll Weevil Trap Captures for Treatment Threshold and Population Assessments.” *Proceedings*. National Cotton Council. Memphis, TN. 1983. Beltwide Cotton Production Mechanization Conference. 1985. p. 138-141.
3. Lloyd, E. P., J. E. Leggett, R. L. Ridgway, and W. A. Dickerson. “Boll Weevil Pheromone Traps for Detection and Suppression of Low Level Boll Weevil Populations.” National Cotton Council. Memphis, TN. Beltwide Cotton Production Research Conference. 1985. p. 141-142. (Abstract).
4. Ridgway, R. L., and Morrison, R. K. “Worldwide Perspective on Practical Utilization of *Trichogramma* with Special Reference to Control of *Heliothis* on Cotton.” *Southwestern Entomologist, Suppl.* 8: pp. 190-198. 1983.
5. Ridgway, R. L. “Cultural and Biological Control of *Heliothis*: Status and Opportunities.” S. J. Johnson, E. G. King, and J. R. Bradley Jr., eds. *Theory and Tactics of Heliothis. Population Management: Cultural and Biological Control. Proceedings Workshop, Tifton, GA, March 15<sup>th</sup>, 1983. Southern Cooperative Series Bulletin. n. 316.* p. 155-161. 1986.
6. Jaffe, H., D. K. Hayes, R. L. Ridgway, A. Raina, C. T. Riley, B. A. Fraser, G. M. Holman, and R. M. Wagner. “Isolation and Structure of an Adipokinetic Hormone of the Corn Earworm Moth, *Heliothis zea*.” ASBC/Biological Chemistry Division, ACS Meeting, June 8-12, 1986, Washington, DC. 1986. (Abstract).
7. Jaffe, H., A. K. Raina, C. T. Riley, B. A. Fraser, G. M. Holman, R. N. Wagner, R. L. Ridgway, and D. K. Hayes. “Isolation and Primary Structure of a Peptide from the Corpora Cardiac of *Heliothis zea* with Adipokinetic Activity.” *Biochemical Research Communications*. 135: 622-628. 1986.
8. Ridgway, R. L., B. A. Leonhardt, and M. N. Inscoe. “Cooperative Development and Expanding Uses of Delivery Systems for Insect Attractants.” *Proceedings*. 13<sup>th</sup> International Symposium on Controlled Release of Bioactive Materials. 13: 100-101. 1986.
9. Dickerson, W. A., R. L. Ridgway, F. R. Planer, J. R. Brazzel, and T. J. Bradway. “Pheromone Trap Captures and Insecticide

- Use in the Southeastern Boll Weevil Eradication Program.” *Proceedings*. National Cotton Council. Memphis, TN: Beltwide Cotton Producers Research Conference. 1986. p. 231-232.
10. Raina, A. K., H. Jaffe, and R. L. Ridgway. “Neurohormonal Regulation of Pheromone Biosynthesis in *Heliothis zea*: Evidence for Multiple Forms of the Hormone.” A. B. Borkovec and D. B. Gelman, eds. *Proceedings of the International Conference on Neurochemistry and Neurophysiology. Aug 4-6<sup>th</sup>, 1986*. College Park, MD: Humana Press. p. 215-218. 1986.
  11. Ridgway, R. L., W. A. Dickerson, and B. A. Leonhardt. “Controlled-Release Dispensers for Pheromones of the Boll Weevil, Bollworm, and Tobacco Budworm.” *Proceedings*. National Cotton Council. Memphis, TN: Beltwide Cotton Production Research Conference. p. 290-291. 1987.
  12. Dickerson, W. A., R. L. Ridgway, and F. R. Planner. “Southeastern Boll Weevil Eradication Program: Improved Pheromone Traps and Program Status.” *Proceedings*. National Cotton Council. Memphis, TN: Beltwide Cotton Production Research Conference. p. 335-337. 1987.
  13. Dickerson, W. A., B. A. Leonhardt, and R. L. Ridgway. “Field Bioassay and Laboratory Chemical Analysis of Controlled-Release Dispensers of the Pheromone of the Boll Weevil, *Anthonomus grandis* Boheman.” *Proceedings*. International Symposium on Controlled Release of Bioactive Materials. 14: 249-250. 1987.
  14. Leonhardt, B. A., D. E. Hendricks, T. N. Shaver, J. D. Lopez, V. C. Mastro, C. P. Schwalbe, and R. L. Ridgway. “Controlled-Release Dispensers for Effective Monitoring of Insect Populations with Pheromones.” *Proceedings*. International Symposium on Controlled Release of Bioactive Materials. 14: 251-252. 1987.
  15. Ridgway, R. L., J. J. Menn, and R. E. Webb. “Gypsy Moth: Overview of Research by the Agricultural Research Service.” Agricultural Research Service. USDA. 9 p. August 17<sup>th</sup>, 1987.
  16. Raina, A. K., H. Jaffe, J. Klun, R. L. Ridgway, and D. K. Hayes. “Characteristics of a Neurohormone that Controls Sex Pheromone Productions in *Heliothis Zea.1.*” *Journal of Insect Physiology*. 33(11): 809-814. 1987.
  17. Ridgway, R. L., W. A. Dickerson, L. Lopez, Jr., and M. N. Inscoe. “Use of *Trichogramma* in the United States with Special Reference to *Heliothis* Management on Cotton.” *Proceedings*. 2<sup>nd</sup> International Symposium on Trichogramma and Other Egg Parasites. November 10-15. Guangzhou, China. p. 565-574. 1988.
  18. Ridgway, R. L. “Mistake or Valid Concept?” *Cotton Grower*. July 1988. p. 28-32.
  19. Ridgway, R. L., M. N. Inscoe, and J. C. Davis. “Expanding Opportunities for Practical Use of Insect Pheromones.” *Proceedings*. National Cotton Council. Memphis, TN: 1988 Proceedings. Beltwide Cotton Production Research Conference. 1988. p. 203-205.



20. Ridgway, R. L. "Behavior-Modifying Chemicals in Cotton Insect Management: Summary of Symposium Presentations at 41<sup>st</sup> Cotton Insect Research and Control Conference." *Proceedings*. National Cotton Council. Memphis, TN: Beltwide Cotton Production Conference. 1988.
21. Leonhardt, B. A., W. A. Dickerson, R. L. Ridgway, and E. D. DeVilbiss. "Laboratory and Field Evaluation of Controlled Release Dispensers Containing Grandlure, the Pheromone of the Boll Weevil (Coleoptera: Curculionidae)." *Journal of Economic Entomology*. 81: 937-943. 1988.
22. Youngberg, G., and R. L. Ridgway, eds. "Biologically Based Methods of Pest Control: Contributions to a Sustainable Agriculture." *American Journal of Alternative Agriculture*. 3: 2-3, 50-122. 1988.
23. Ridgway, R. L., "Educational Health of the Land and Its People." *Proceedings*. Charles Valentine Riley Memorial Foundation: Washington, DC & Arlington, VA. National Agriculture Forum, October 29-31, 1986. Lanham, Maryland. 30 p. 1988.

1            41

Insects and insect controls, 1989-1990

1. Giebultowicz, J. M., J. G. Riemann, A. K. Raina, and R. L. Ridgway. "Circadian System Controlling Release of Sperm in the Insect Testes." *Science* 245: 1048-1100. 1989.
2. Raina, A. K., E. A. Stadelbacher, and R. L. Ridgway. "Comparison of the Sex Pheromone Composition and Pheromone Mediated Male Behavior of Laboratory-Reared and Wild *Heliothis zea*." *Journal of Chemistry Ecology*. 15: 1259-1265. 1989.
3. Webb, R. D., R. L. Ridgway, J. C. Davis., K. M. Tatum, A. M. Wieber, E. M. Hadley, J. J. Hench, and J. M. Hill. "A Gypsy Moth Suppression Program for County Park: Design Implementation." *Proceedings. 1988 National Gypsy Moth Review, Jan 10-12, 1989*. Dearborn, MI. Un-numbered pages. 1989.
4. Webb, R. E., M. N. Inscoc, and R. L. Ridgway. "Gypsy Moth Pheromone Technology." *Gypsy Moth News*. 21: 2-4. 1989.
5. Ridgway, R. L., R. A. Bram, R. W. Fuester, J. L. Vaughn, and R. E. Webb. "Gypsy Moth: Report of a Research Planning Workshop." *Workshop Help March 8-9, 1989*. Agriculture Research Service USDA, Beltsville, MD. 23. 1989.
6. Raina, A. K., H. Jaffe, T. G. Kempe, P. Keirn, R. W. Blacher, H. M. Fales, C. T. Riley, L. A. Klum, R. L. Ridgway, and D. K. Hayes. "Identification of a Neuropeptide Hormone That Regulates Sex Pheromone Production in Female Moths." *Science*. 244: 796-798. 1989.
7. Ridgway R. L., R. M. Silverstein, and M. N. Inscoc. *Behavior Modifying Chemicals for Insect Management: Applications of Pheromones and Other Attractants*. Marcel Dekker, Inc.: New York, NY. p. 761. 1990.
8. Ridgway, R. L., and M. N. Inscoc. "Preface." In: R. L. Ridgway, R. M. Silverstein, and M. N. Inscoc. *Behavior-*

*Modifying Chemicals for Insect Management: Applications of Pheromones and Other Attractants*. Marcel Dekker, New York, NY. pp. iii-vi, 1990.

9. Leonhardt, B. A., R. T. Cunningham, W. A. Dickerson, V. C. Mastro, R. L. Ridgway, and C. P. Schwalbe. "Dispenser Design and Performance Criteria for Insect Attractants." In: R. L. Ridgway, R.M. Silverstein, and M.N. Inscoe. *Behavior Modifying Chemicals for Insect Management: Applications of Pheromones and other Attractants*. Marcel Dekker: New York, NY. p. 113-129. 1990.
10. Ridgway, R. L., M. N. Inscoe, and W. A. Dickerson. "Role of Pheromones in Boll Weevil Management." In: R. L. Ridgway, R. M. Silverstein, and M. N. Inscoe. *Behavior Modifying Chemicals for Insect Management: Applications of Pheromones and Other Attractants*. Marcel Dekker: New York, NY. p. 437-471. 1990.
11. Inscoe, M. N., B. A. Leonhardt, and R. L. Ridgway. "Commercial Availability of Insect Pheromones and Other Attractants." In: R. L. Ridgway, R. M. Silverstein, and M. N. Inscoe. *Behavior Modifying Chemicals for Insect Management: Applications of Pheromones and Other Attractants*. Marcel Dekker: New York, NY. p. 631-715. 1990.
12. Henry, J. M., A. K. Raina, and R. L. Ridgway. "Isolation of High-Molecular-Weight DNA from Insects." *Analytical Biochemistry*. 185: 145-150. 1990.
13. Giebultowicz, J. M., R. L. Ridgway, and R. B. Imberski. "Physiological Basis for Sterilizing Effects of Constant Light in *Lymantria dispar*." *Physiological Entomology*. 15: 149-156. 1990.
14. Webb, R. E., K. Thorpe, R. L. Ridgway, A. M. Wieber, L. Venables, D. D. Cohen, B. Hadley, and S. Hughes. "Gypsy Moth Management in Suburban Parks and Park-like Units." *Proceedings, U.S. Department of Agriculture Interagency Gypsy Moth Research Review, 1989: November 6-9<sup>th</sup>, 1989*. Annapolis, MD. p. 230-232. 1990.
15. Ridgway, R. L., M. N. Inscoe, K. W. Thorpe, A. K. Raina, and J. C. Davis. "Potential for Disrupting Biological Processes in *Helicoverpa (Heliothis)* spp. Using Neuropeptides and Recombinant Baculoviruses." *Proceedings*. Beltwide Cotton Production Research Conference. National Cotton Council: Memphis, TN. p. 314-317. 1990.
16. Leonhardt, B. A., W. A. Dickerson, R. L. Ridgway, and E. D. DeVilbiss. "Performance of Controlled Release Dispensers for Grandlure the Pheromone of the Boll Weevil (Coleoptera: Curculionidae)." *Journal of Entomological Science*. 25: 414-426. 1990.
17. Leonhardt, B. A., V. C. Mastro, C. P. Schwalbe, and R. L. Ridgway. "Pheromone Dispenser Formulations for Use in Gypsy Moth Management Programs." *Proceedings. USDA Interagency Gypsy Moth Research Review 1990*. January 22-25, 1990. East Windsor, CT. I. S. Forest Service, NE Forest Expert.

Station; Broomall, PA. General Technical Report NE-146: 111. 1990.

18. Thorpe, K. W., R. L. Ridgway, and R. E. Webb. "Development of Appropriate Methodologies for Sampling Gypsy Moth Population in Moderately-Sized Urban Parks and Other Wooded Public Lands." *Proceedings. USDA Interagency Gypsy Moth Research Review 1990*, January 22-25, 1990, East Windsor, CT. I. S. Forest Service, NE Forest Expert. Station; Broomall, PA. General Technical Report NE-146: 48. 1990.
19. Webb, R. E., K. W. Thorpe, and R. L. Ridgway. "Gypsy Moth Management Program for Moderately Sized Urban Parks and Other Wooded Public Lands." *Proceedings. USDA Interagency Gypsy Moth Research Review 1990*, January 22-25, 1990, East Windsor, CT. I. S. Forest Service, NE Forest Expert. Station; Broomall, PA. General Technical Report NE-146: 79. 1990.
20. Webb, R. E., M. J. Shapiro, J. D. Podgwaite, J. D. Cohen, and R. L. Ridgway. "Evaluation of the Abington Isolate of the Gypsy Moth Nuclear Polyhedrosis Virus against a Formulation of Gypchek in Small Field Plots." *Proceedings. Interagency Gypsy Moth Research Review 1990*, January 22-25, 1990, East Windsor, CT. I. S. Forest Service, NE Forest Expert. Station; Broomall, PA. General Technical Report NE-146: 77. 1990.
21. Webb, R. E., W. K. Thorpe, and R. L. Ridgway. "Gypsy Moth Management in Suburban Parks and Park-Like Units." *Proceedings. National Gypsy Moth Review*. Annapolis, MD. pp. 230-232. 1990.

1            42

#### Insects and insect management, 1991-1992

1. Giebultowicz, L. M., A. K. Raina, E. C. Uebel, and R. L. Ridgway. "Two Step Regulations of Sex Pheromone Decline in Mated Gypsy Moth Females." *Archives Insect Biochemistry and Physiology*. 16: 95-105. 1991.
2. Webb, R. E., R. L. Ridgway, K. W. Thorpe, K. M. Tatman, A. M. Wieber, and L. Venables. "Gypsy Moth (Lepidoptera: Lymantridae) Management Programs for Suburban Parks." *Journal of Economic Entomology*. 84: 1320-1328. 1991.
3. Giebultowicz, J. M., A. K. Raina, and R. L. Ridgway. "Role of the Spennatheca in the Termination of Pheromone Production in Mated Gypsy Moth Females." *Proceedings. Conference on Insect Chemistry and Ecology*. Tabor, Czechoslovakia, 1990. pp. 101-104. 1991.
4. Ridgway, R. L., M. N. Inscoe, and K. W. Thorpe. "Implementation of Emerging Technologies for Insect Management." In: Vinson, S. B., and R. L. Metcalf. *Emerging Technologies for Insect Management*. Lanham, MD: Entomological Society of America. pp. 392-424. 1991.
5. Ridgway, R. L., M. N. Inscoe. "Insect Behavior-Modifying Chemicals: Applications and Regulations." Monograph. British Crop Protection Council. Farnum, UK. p. 135. 1992.
6. Ridgway, R. L. and M. N. Inscoe. "Insect Behavior-Modifying Chemicals: Practical Applications in the United States." In: R. L. Ridgway, M. N. Inscoe, H. *American Insect Behavior-*

*Modifying Chemicals: Applications and Regulations.* Monograph. British Crop Protection Council. Farnum, UK. p. 19-28. 1992.

7. Inscoc, M. N. and R. L. Ridgway. "Non-Target Effects of Lepidopteran Pheromones." In: R. L. Ridgway, M. N. Inscoc, H. *American Insect Behavior-Modifying Chemicals: Applications and Regulations.* Monograph. British Crop Protection Council. Farnum, UK. p. 49-59. 1992.
8. Thorpe, K. W., R. L. Ridgway, and R. E. Webb. "A Computerized Data Management and Decision Support System for Gypsy Moth Management in Suburban Parks." *Computers and Electronics in Agriculture*. 6: 333-345. 1992.
9. Giebultowicz, J. M., R. E. Webb, A. K. Raina, and R. L. Ridgway. "Effects of Temperature and Age on Daily Changes in Pheromone Titer in Laboratory Reared and Wild *Lymantria dispar* (L.). (*Lepidoptera: Lymantridae*). *Environmental Entomology*. 21: 822-826. 1992.
10. Thorpe, K. W., and R. L. Ridgway. "Gypsy Moth (*Lepidoptera: Lymantriidae*) Egg Mass Distribution and Sampling in a Residential Setting." *Environmental Entomology*. 21(4): 722-730. 1992.
11. Ridgway, R. L., M. N. Inscoc, and J. F. Robens. "Enhancing the Safety of America's Food Supply." *Proceedings, Food Safety Round Table*. Washington, DC, Nov. 21<sup>st</sup>, 1991. Charles Valentine Riley Memorial Foundation, Lanham, MD. pp. 11. 1992.

1            43

#### Insects and insect management, 1993-1997

1. Thorpe, K. W., R. L. Ridgway, and B. A. Leonhardt. "Relationship between Gypsy Moth (*Lepidoptera: Lymantriidae*) Pheromone Trap Catch and Population Density: Comparison of Traps Baited with 1 and 500 Jag (+) – Disparlure Lures." *Journal of Economic Entomology*. 86(1): 86-92. 1993.
2. Ridgway, R. L., M. N. Inscoc, and K. W. Thorpe. "Advances and Trends in Managing Insect Pests." In: *Proceedings. FAO/IAEA International Symposium on Management of Insect Pests: Nuclear and Related Molecular and Genetic Techniques*. p. 3-15. 1993.
3. Thorpe, K. W., R. E. Webb, R. L. Ridgway, L. Venables, and K. M. Tatum. "Sticky Barrier Bands Affect Density of Gypsy Moth (*Lepidoptera: Lymantriidae*) and Damage in Oak Canopies." *Journal of Economic Entomology*. 86(5): 1497-1501. 1993.
4. Webb, R. E., M. Shapiro, J. D. Podgwaite, D. E. Lynn, E. M. Dougherty, R. L. Ridgway, L. Venables, and D. L. Cohen. "Field Comparisons of Doses and Strains of Gypsy Moth Nuclear Polyhedrosis Virus against Gypsy Moth (*Lepidoptera: Lymantriidae*) in Western Maryland in 1990." *Journal of Economic Entomology*. 86(4): 1185-1190. 1993.

5. Ridgway, R. L. "Cotton Bollworms in Pakistan: An Assessment of the Potential Impacts of the Application of Non-Insecticidal Controls in Area-Wide Pest Management Programs." 1993.
6. Farrar, R. R., Jr., and R. L. Ridgway. "Comparative Studies of the Effects of Commercial Phagostimulants of Six Lepidopterous Insect Pests." *Journal of Economic Entomology*. 82(1): 44-52. 1994.
7. Webb, R. E., M. Shapiro, J. D. Podgwaite, R. L. Ridgway, L. Venables, G. B. White, R. J. Argauer, and J. Witcosky. "Effect of Optical Brighteners on the Efficacy of Gypsy Moth (Lepidoptera: Lymantriidae) Nuclear Polyhedrosis Virus in Forest Plots With Low Levels of Natural Virus." *Journal of Economic Entomology*. 87(1): 134-143. 1994.
8. Webb, R. E., N. H. Dill, J. D. Podgwaite, M. Shapiro, R. L. Ridgway, J. L. Vaughn, L. Venables, and R. J. Argauer. "Control of Third and Fourth Instar Gypsy Moth (Lepidoptera: Lymantriidae) with Gypchek Combined with a Stilbene Disulfonic Acid Additive on Individual Shade Trees." *Journal of Entomological Science*. 29(1): 82-91. 1994.
9. Webb, R. E., M. Shapiro, J. D. Podgwaite, R. L. Ridgway, L. Venables, D. L. Cohen, G. White., K. M. Kester, and K. W. Thorpe. "Effect of Optical Brighteners on the Gypsy Moth (Lepidoptera: Lymantriidae) Nuclear Polyhedrosis Virus in Forest Plots with High or Low Levels of Natural Virus." *Journal of Economic Entomology*. 87(1): 134-143. 1994.
10. Ridgway, R. L., K. W. Thorpe, R. E. Webb, L. Venables, and S. Tilley. "Gypsy Moth Management in Suburban Parks: Program Evaluation." *Journal of Entomological Science*. 29(4): 557-569. 1994.
11. Thorpe, K. W., and R. L. Ridgway. "Effects of Trunk Barriers on Larval Gypsy Moth (Lepidoptera: Lymantriidae) Density in Isolated-Versus Contiguous-Canopy Oak Trees." *Environmental Entomology*. 23(4): 832-836. 1994.
12. Ridgway, R. L., K. R. Smith, and M. N. Inscoe. "Science Communications and Enhanced Agricultural Policy." *Proceedings, Science Communications Round Table*. Washington, DC, November 14<sup>th</sup>, 1993. Charles Valentine Riley Foundation. Lanham, MD. p. 12. 1994.
13. Ridgway, R. L., Inscoe, M. N., and K. W. Thorpe. "Biologically Based Pest Controls: Markets, Industries, and Products." *Agricultural Research Service*. USDA. 19 p. NTIS No. PB95-212650. 1994.
14. Farrar, R. R., Jr., and R. L. Ridgway. "Enhancement of Activity of *Bacillus thuringiensis* Berliner against Four Lepidopterous Insect Pests by Nutrient-Based Phagostimulants." *Journal of Entomological Science*. 30(1):29-42. 1995.
15. Farrar, R. R., Jr., and R. L. Ridgway. "Feeding Behavior of Gypsy Moth, *Lymantria dispar* (L.) (Lepidoptera: Lymantriidae), Larvae on Artificial Diet Containing *Bacillus thuringiensis* Berliner." *Environmental Entomology*. 24(3): 755-761. 1995.

16. Farrar, R. R., Jr., R. L. Ridgway, S. Cook, K. W. Thorpe, and R. E. Webb. "Nuclear Polyhedrosis Virus of the Gypsy Moth (Lepidoptera: Lymantriidae): Potency and Effects of Selected Adjuvants on Insect Feeding Behavior." *Journal of Entomological Science*. 30(4): 417-428. 1995.
17. Ridgway, R. L., and R. Reeder. "Food and Agriculture Research in Changing Times: Highlights of a Nation Round Table." Washington, DC, June 16<sup>th</sup>, 1995. Charles Valentine Riley Memorial Foundation, College Park, MD. 22 p. 1995.
18. Coli, M., and R. L. Ridgway. "Functional and Numerical Responses of *Orius insidiosus* (Heteroptera: Anthocoridae) to Its Prey in Different Vegetable Crops." *Annals of the Entomological Society of America*. 88(6): 732-738. 1995.
19. Wieber, A. M., R. E. Webb, R. L. Ridgway, K. W. Thorpe, R. C. Reardon, D. M. Kolodny-Hirsch, and K. M. Tatman. "Effect of Seasonal Placement of *Cotesia melanoscela* (Hym.: Braconidae) on its Potential for Effective Augmentative Release against *Lymantria dispar* (Lep.: Lymantriidae)." *Entomophaga*. 40(2): 281-292. 1995.
20. Thorpe, K. W., K. M. Tatman, P. Sellers, R. E. Webb, and R. L. Ridgway. "Management of Gypsy Moths Using Sticky Trunk Barriers and Larval Removal." *Journal of Arboriculture*. 21(2): 69-76. 1995.
21. Mertz, G. P., S. J. Fleicher, D. D. Calvin, and R. L. Ridgway. "Field Assessment of *Trichogramma brassicae* (Hymenoptera: Trichogrammatidae) and *Bacillus thuringiensis* for Control of *Ostrinia nubilalis* (Lepidoptera: Pyralidae) in Sweet Corn." *Journal of Economic Entomology*. 88(6): 1618-1625. 1995.
22. Farrar, R. R., Jr., P. A. Martin, and R. L. Ridgway. "Host Plants Effects on Activity of *Bacillus thuringiensis* Against Gypsy Moth Larvae." *Environmental Entomology*. 25: 1215-1223. 1996.
23. Ridgway, R. L., V. L. Illum, R. R. Jr. Farrar, D. D. Calvin, S. J. Fleischer, and M. N. Inscoe. "Granular Matrix Formulation of *Bacillus thuringiensis* for Control of the European Corn Borer (Lepidoptera: Pyralidae)." *Journal of Economic Entomology*. 89: 957-962. 1996.
24. Ridgway, R. L., and M. N. Inscoe. "Pheromones and Other Behavior-Modifying Chemicals in Cotton Pest Management." In: King, E. G., and J. R. Phillips. *Cotton Insect Management*. Memphis, TN. p. 403-424. 1996.
25. Webb, R. E., N. H. Dill, J. M. McLaughlin, L. S. Kershaw, J. D. Podgwaite, S. P. Cook, K. W. Thorpe, R. R. Farrar, Jr., R. L. Ridgway, R. W. Fuester, M. Shapiro, R. J. Argauer, L. Venables, and G. B. White. "Blankophor BBH as an Enhancer of Nuclear Polyhedrosis Virus in Arborist Treatments against the Gypsy Moth (Lepidoptera: Lymantriidae)." *Journal of Economic Entomology*. 89: 957-962. 1996.
26. Mertz, B. P., S. J. Fleischer, D. D. Calvin, and R. L. Ridgway. "Factitious Host and Continual Rearing Effects on

- Trichogramma brassicae* (Hymenoptera: Trichogrammatidae) Quality.” *Environmental Entomology*. 25: 5 p. 1215-1223, 1996.
27. Ridgway, R. L., and M. N. Inscoe. “Applied Biologically Based Pest-Control Products: Status and Opportunities.” *Proceedings, Conference on Biopesticides and Transgenic Plants*. Washington, DC. January 27<sup>th</sup>-28<sup>th</sup>, 1997. International Business Communications Conferences, Inc., Southborough, MA. 1997.
  28. Coil, M., L. A. Smith, and R. L. Ridgway. “Effects of Plants on the Searching Efficiency of a Generalist Predator: The Importance of Predator-Prey Spatial Association.” *Entomologia Experimentalis et Applicata*. 83: 1-10. 1997.
  29. Straka, T. J., R. L. Ridgway, R. H. Tichenor, Jr., R. L. Hedden, and J. A. King, “Cost Analysis of a Specialized Gypsy Moth Management Program for Suburban Parks.” *Northern Journal of Applied Forestry*. 14(1): 32-39. 1997.
  30. Farrar, R. R., Jr., and R. L. Ridgway. “The Celery Looper (Lepidoptera: Noctuidae) Baculovirus: Potency and Enhancement by Blankophor BBH against 3 Lepidopteran Species.” *Environmental Entomology*. 26(6): 1461-1469. 1997.
  31. Thorpe, K. W., R. L. Ridgway, and R. E. Webb. “Effectiveness of Diflubenzuron and *Bacillus thuringiensis* Against Gypsy Moth Populations.” *Northern Journal of Applied Forestry*. 14(3): 135-140. 1997.
  32. Ridgway, R. L. “Agricultural Production and Natural Resource Conservation: Preliminary Assessments of Selected Projects.” 1997. Charles Valentine Riley Foundation. Silver Springs, MD. pp. 10. 1997.

2	1	Insects and agriculture broadly defined, 1998-1999
2	2	RMF, et. al., 2000-2015
2	3	Addendum, manuscript, misc. documents, 1970-2000
		Boll Weevil and Pest Management
2	4	Kniping. Research Control of Insects Tomorrow, 1956
2	5	USDA. Executive Overview, Cotton Insect, May 1981
2	6	USDA. Executive Overview, Cotton Insect, August 1981
2	7	Ridgway. Proposed Regional Cotton Insect Programs, 1982-1984; 1986
2	8	USDA. Cotton Insect, Report to Secretary of Agriculture, 1982
2	9	Ridgway and Lloyd. Cotton Insect, book chapter, 1983
2	10	Perkins. Boll Weevil, Scientific Conflicts, 1983
2	11	Carlson and Suguiyama. Economic Evaluation, Boll Weevil, 1985
2	12	Alabama Conservancy, et. al., U.S. District Court, 1988
2	13	National Cotton Council. Boll Weevil Eradication, 1989
2	14	Carlson, et. al. Economic Returns, Boll Weevil Eradication, 1989
2	15	National Cotton Council. Boll Weevil Eradication, 1994
2	16	The Texas Boll Weevil Eradication Program, 1994
2	17	Klassen and Ridgway. Forward. Boll Weevil Book, 2001
2	18	Ridgway and Mussman. Pivotal Boll Weevil Years, 2001
2	19	ARS. Boll Weevil Research Program Review, 2002
2	20	Allen, et. al. Progress, Texas Boll Weevil Eradication, 2008
2	21	ARS. Minutes, Boll Weevil Research Review, 2009
2	22	Showler. Boll Weevil Diapause, Host Plants, 2009-2010

2	23	Agricultural Research. Source, Boll Weevil Outbreak, 2011
2	24	Ridgway. Boll Weevil Eradication, book chapter, 2012
		Charles Valentine Riley (CVR)
2	25	Charles Valentine Rile (CVR), book chapter 11, 2012
2	26	CVR special collection at the National Agriculture Library, 1856-2005 <ul style="list-style-type: none"> <li>1. Entomologist Charles Valentine Riley's Artifacts. 2005. Agriculture Research, USDA. October. pp. 30-31.</li> <li>2. Charles Valentine Riley Collection, 1856-1919. Collection 143, 24 linear feet, National Agricultural Library.</li> <li>3. Ho, Judith J. and Willie Yuille. "The Papers of Charles Valentine Riley. A Register of his Papers in the National Agricultural Library." Bibliographies and Literature of Agriculture, No. 92. National Agricultural Library, Beltsville, MD. p. 124. NAL Call Number: aZ5076 A1U54 no. 92.</li> </ul>
2	27	CVR address, AAAS annual meeting, 1888
2	28	CVR biographies and obituary, 1892, 1895, 1896 <ul style="list-style-type: none"> <li>1. Colman, Norman Jay, 1897-1901. "Prof. C. V. Riley, U.S. Entomologist." Colman's Rural World (St. Louis, MO) May 12<sup>th</sup>, 1892. p. 1-8.</li> <li>2. Fream, William, 1854-1906. "Charles Valentine Riley (obituary notice)." <i>Journal of the Royal Agricultural Society of England</i> (3<sup>rd</sup> ser.). [London, England]. 6 (1895), 4: 8-10.</li> <li>3. Goode, George Brown, 1851-1896. "A Memorial Appreciation of Charles Valentine Riley." <i>Science</i>. Moses King. Cambridge, MA. N. S. 3 (1896), 59: 217-225.</li> </ul>
2	29	CVR unpublished biographies, 1943, 1984, and undated <ul style="list-style-type: none"> <li>1. Meiners, E. P. 1943. <i>Charles Valentine Riley</i>. Distributed by the C. V. Riley Entomological Society, University of Missouri, Columbia, MO. 29 p.</li> <li>2. Fusonie, A. <i>Charles Valentine Riley</i>. Distributed by the C. V. Riley Entomological Society, University of Missouri. Columbia, MO. 29 p.</li> <li>3. Klassen, W. 1984. "C. V. Riley, the Man." Talk Given to Riley Memorials Program Consultant Committee.</li> </ul>
2	30	Contributions by CVR, 1958, 1963, 1990 <ul style="list-style-type: none"> <li>1. Douth, R. L. 1958. "Vice, Virtue and the Vedalia." <i>Bulletin of the Entomological Society of America</i>. [Washington, DC] 4 (1958): 119-123.</li> <li>2. Anonymous. 1990. "Charles Valentine Riley." <i>Bulletin of the Entomological Society of America</i>. p. 183.</li> <li>3. Smith, Edward H. and Carol Anelli Sheppard. "A Heritage of Distinguished Journalism: A Look at the ESA Paper Trail." <i>American Entomological Society of America</i>. Lanham, MD. 1990. Spring. p. 6-17.</li> </ul>
2	31	Contributions by CVR, 1995, 1996 <ul style="list-style-type: none"> <li>1. Smith, Edward H. 1992. <i>The Grape Phylloxera</i>. <i>American Entomologist</i>. Winter. p. 212-211.</li> <li>2. Kritsky, G. 1995. "Darwin, Walsh, and Riley: The Entomological Link." <i>American Entomologist</i>. 42 (1996): p. 206-208.</li> </ul>
2	32	Contributions by CVR, 1996



2	33	Contributions by CVR, 1997, 2008
		1. Chippendale, M. "Centennial Symposium. Recognizing the Legacy of C. V. Riley: Introduction." <i>American Entomologist</i> . 42 (1996): p. 206-208.
		2. Fusonie, A. 1996. "Missouri and France: The Charles Valentine Riley Connection," <i>Journal of the Kansas Entomological Society</i> . 69(2), pp. 109-121.
		3. Smith, E. H., and J. R. Smith. 1996. "Charles Valentine Riley Connection." <i>Journal of the Kansas Entomological Society</i> . 69(2), 99. 109-121.
2	34	Unpublished MSS about CVR's legacy, 1997
		1. Ridgway, R. L. and John C. Gordon. "The Legacy and Vision of Charles Valentine Riley: Entomology and Beyond." A draft working paper prepared in 1997; adapted from a presentation at a symposium entitled "Achievements and Future of the Science of Entomology" University of Missouri, Columbia, MO, April 18-19, 1995.
2	35	Photos and portraits, 1984
2	36	Cathryn Vidalia Riley (CVR2) will and trust, 1978
		Cathryn Vidalia Riley was CVR's youngest daughter. She died in 1978 and in addition to her will and codicil, she executed a trust indenture that directed that after any financial obligation had been met that her remaining assets be given to a public charity for the purpose of honoring her father (CVR).
2	37	Initial Requests for audits of Cathryn Vidalia Riley II estate and trust, 1980, 1994, 1999
		On March 1 <sup>st</sup> , 1980, John R Clark and Catherine Clark, a neighbor to Cathryn Vidalia Riley II (CVR2), wrote the New York Charities bureau (NYCB) and questioned if John Victor Yanacone, Jr. (JVY), the executor and trustee for CVR2, was following the intent of CVR2 and requested that NYCB investigate. The NYCB, probably because they did not consider the public charity implications, denied the request. Emilie Brash, a granddaughter of CVR's made a similar request and did not reply. On January 4 <sup>th</sup> , 1999, the Riley Memorial Foundation made a similar request and did not receive a reply in a timely manner.
2	38	Trust and Secretary Block letters, MOU, gifts, 1982-1985
		JVR wrote Secretary of Agriculture John Block on August 11 <sup>th</sup> , 1982, requesting USDA using funds from the CVR2 trust to honor CVR. The Secretary named Richard L. Ridgway to represent USDA. A MOU was then executed between USDA and JVY and in 1984 the USDA received a \$150,000 gift from the CVR2 estate and trust. The gift was presented to Secretary Block and recognized in a USDA newsletter and announced at the annual meeting of the Washington Entomological Society. In 1995 Emilie Brash presented a portrait of CVR to USDA and reported in Library Noted. Three related photos are included in this file.
2	39	USDA CVR Program Plan and related background, 1984
		The USDA detailed plan for the Charles Valentine Riley Memorial Program was developed by USDA work group. The program plan and numerous background documents are in his file.

2	40	Articles of Incorporation and bylaws for the Riley Memorial Foundation (RMF), 1985, 2003 RMF was incorporated in 1985 in Washington, DC. By-laws were adopted in 1985 and revised in 2003.
2	41	USDA and RMF MOU and initial feasibility, study by Brecker, 1985 RMF negotiated an MOU with the USDA in 1985 and JVV contracted with Bern Brecher and Associates, Inc., that produced a Strategic Planning, Marketing, and Fund Raising Report.
2	42	RMF administrative records at the National Agriculture Library, 1985-2012 A variety of administrative documents for the years 1985-1991 are stored in the Special Collections at the National Agricultural Library described in the list that is in this file. Beginning in 1992, the most important administrative records have been in a briefing book for RMF's annual meeting. The records at NAL are not identified on line, but can be accessed by contacting the Special Collections staff at NAL.
2	43	RMF records inventory, 2013
2	44	The National Agriculture Forum on the Health of the Land and Its People (1), 1986-1987 This forum was the first major event organized by RMF. The invitation for the event featured Noble Laureate Norman Borlaug and Senator Thad Cochran, and Secretary of Agriculture Richard Lyng was the luncheon speaker. The program, the invitation to the opening at the National Academy of Sciences, summary proceedings which has also been cataloged by SWC/SCL, and 27 draft manuscripts are included in this file.
2	45	National Agriculture Forum (2), 1986-1987
2	46	CRV Award, 1987-1988
2	47	Draft manuscripts, New Directions in Agriculture, Yale University, 1991 1. Proceedings for forum on new directions in agriculture held at Yale University on November 10 <sup>th</sup> , 1988, draft dated 1991, pp. 56. The proceedings were not published because Victor John Yannecone, Jr., did not provide his manuscript.
2	48	Unpublished report by RMF, 1995 1. Working draft of the proceedings of a round table on Integrating Science into Policy," 1995. RMF. pp.13.
2	49	Unpublished reports by RMF, 1998 1. "Productivity and Conservation: Working Towards Common Goals. Report on Four Regional Workshops." 1998, RMF pp. 14. 2. "Productivity and Conservation: Working Toward Common Goals." Supplements to a published report. 1998, RMF pp. 45.
2	50	Consultant agreement with Biomanage Services, 1997-2011 R. L. Ridgway retired from ARS, USDA, resigned as a member of the RMF Board of Directors, and accepted the position as Executive Director of RMF. He resigned from that position and rejoined the RMF Board of Directors.
2	51	Cathryn Vidalia Riley estate and trust without farm, New York Charities Bureau (1), 2001-2005
2	52	Cathryn Vidalia Riley estate and trust without farm, New York Charities Bureau (2), 2001-2005

2	53	<p>Settlement agreement on the Cathryn Vidalia Riley farm, 1984-2003</p> <p>As part of the incomplete audits, it became evident that a farm in Vermont was improperly deeded to a person. After many communications with all the involved, the person occupying the farm agreed to pay RMF \$188,000 for the property and arrangements were made to provide a clear title to the property for the person that was occupying the property.</p>
2	54	<p>Management Agreement between Ag Washington and the CVR Memorial Foundation, 2002-2005</p> <p>After R. L. Ridgway resigned from the RMF Executive Director position and with funds from the farm, Ag Washington was contracted to serve as a manager of RMF. After over two years expenditures by RMF far exceed income and the reserves including the funds from the farm were being rapidly depleted and the contract with AG Washington was terminated.</p>
3	1	<p>Accounting documents relating to the Cathryn Vidalia Riley estate and trust NYCB, 2003-2005</p> <p>After the settlement on the Vermont property, many other questions remained. Exchange of numerous documents continued, but a satisfactory accounting of the CVR2 estate and trust was not obtained and the NYCB petitioned the court in late 2003 and the court issued a Compulsory Accounting Petition in early 2004 that resulted a formal accounting that had standing in court.</p>
3	2	<p>Administrative Services Agreement with Bio Manage Service, 2005-2007.</p> <p>Solicitation led to a number of proposals to manage RMF, all of which far exceeded what RMF could afford. Since possible actions with the executor and trustee of the CVR2 estate and trust, R. L. Ridgway prepared an agreement that would make it possible to operate RMF as a legal entity until any claims against the executor and trustee of the CVR2 estate and trust were settled for \$1,000 a year.</p>
3	3	<p>List of CVR lectures and RMF Round Table, 2006-2012</p> <p>A list of the first two CVR Lectures, RMF round table, and four lectures conducted at AAAS under future MOU's all of which have been cataloged by the SWC/SCL, are included in this file.</p>
3	4	<p>Proposal for Administrative Management for the Riley Memorial Foundation, 2005-2007</p>
3	5	<p>Cooperative Agreement between Texas A&amp;M and the CVRMF, 2005-2009</p> <p>In order to continue some programming consistent with the mission or RMF, R. L. Ridgway negotiated a cooperative agreement with a unit of Texas A&amp;M University to conduct two CVR lectures for \$10,000 and bringing in others as partners, two successful lectures were held and the proceedings published by the National Agricultural Library.</p>
3	6	<p>Last court-ordered accounting for the Cathryn Vidalia Riley estate and trust, 2004</p> <p>A detailed audit of the CRV2 estate was delivered to the NYCB in 2004 which is contained in this file.</p>

3	7	<p>Objections to the court-ordered accounting and settlement, 2006-2008</p> <p>RMF filed extensive exception to that audit which made a strong case that many of the funds had not been used to support of a public charity as stated in the CVR2 trust indenture. The NYCB joined by RMF initiated formal legal proceedings in an effort to recover damages from the executor and trustee of the CVR2 estate and trust that would be used by RMF to fulfill to desires of CVR2. After considerable pre-trial discovery, all parties involved agreed on a settlement of \$450,000.</p>
3	8	<i>A Rich and Rewarding Journey</i> , chapter 12, undated
3	9	<p>Agreements with AAAS and with AAAS &amp; the World Food Prize Foundation, 2008</p> <p>MOU's were negotiated. One is in perpetuity to hold a periodic CVR lectures as funds come available. A second MOU between RMF, ARS, and the World Food Prize to hold an annual lecture based on supplemental fund raising. Four highly successful lectures have been held under this MOU.</p>
3	10	<p>Report to the President's Council of Advisors for Science and Technology, 2012</p> <p>A report entitled "Agriculture, Food, Nutrition, and Natural Resources R&amp;D Round Table: Research Partnerships Yield Greater Societal Returns" containing 15 pages was submitted in final form to the President's Council Advisory Council on Science and Technology on May 19<sup>th</sup>, 2012.</p>
3	11	<p>CVR lecture, breakfast, follow-up, stakeholders discussions, 2013</p> <p>As of October 10<sup>th</sup>, 2013, a summary of the 2013 Riley Lecture is available and along the program for an increasing well respected leadership breakfast and the document related to planning of an initiative way to develop a common message to advance agricultural, food and national resources research are available and included in this file.</p>
3	12	<p>Riley Leadership Breakfast, presentation by President Duane Nellis and others, 2014-2015</p> <p>President of Texas Tech University as the featured speaker at the 2014 breakfast and by Steve Verett, Executive Vice President of the Plains Cotton Growers and Treasurer of the Southwest Council of Agribusiness before the SWCA Board of Directors. Also included is a copy of the 2015 Riley Memorial Lecture presented by Steve Leath, President of Iowa State University. Related reports are:</p> <p><i>Pursuing a Unifying Message: Elevating Food, Cultural Natural Resources Research as a National Priority</i>. Charles Valentine Riley Memorial Foundation. Madison, WI. pp. 45. 2014. NTIS Accession No. PB2015-1011217. 2014. <b>Cataloged Serial.</b></p> <p><i>Pursuing as a Unifying Message: Elevating Food, Agricultural Natural Resources Research as National Priority. A University Perspective</i>. Charles Valentine Riley Memorial Foundation. Madison, WI. pp. 12. NTIS Accession No. PB2015-104112. 2015. <b>Cataloged Serial.</b></p>
3	13	List of 21 publications related to RMF cataloged by SWC/SCL, 1987-2012.

- |   |    |  |
|---|----|--|
| 3 | 14 | Charles Valentine Riley Award, 1987, 1988.<br>Nominations material for CVR Memorial Prize, a copy of the plaque given to the winner, and the program for event at Yale University organized by John Gordon.  |
| 3 | 15 | Accounting for CVR2 estate and trust, New York Charities Bureau (NYCB), 2001-2003.<br>The NYCB first responded to RMF's 1999 letter requesting an accounting of the CVR2 estate and trust in 2001 and numerous letters and other documents involving several different attorneys were shared in response to numerous requests for documents. During that period the improper actions related to property in Vermont. |
| 3 | 16 | Riley, C. V. 1888.<br>"On the Causes of variations in organic forms." <i>Proc. Am. Assoc. Adv. Sci.</i> 37: 295-273.   |
| 3 | 17 | Contributions by CVR, 1997, 2008, 1994, 1999<br>Sorensen, W. Conner and Edwards H. Smith. 1997. "Charles Valentine Riley: Art Training at Bonn, 1858-1860. <i>American Entomologist</i> . 43(2): 92-104. Entomological Society of America. Lanham, MD.   |

Additional Material in Boxes 3 and 4, donated 2018-2019

- (1) RMF briefing books for 1992-1994
- (2) RMF briefing books for 1995-1997
- (3) RMF briefing books for 1998- 2000
- (4) RMF briefing books for 2001-2003
- (5) RMF briefing books for 2004-2006
- (6) RMF briefing books for 2007-2011
- (7) RMF briefing books for 2012-2014
- (8) RMF briefing books for 2015-2017
- (9) Texas A&M and NAL Riley Memorial Lectures, 2006 and 2008  
Pinstrup-Anderson, Per. 2006.  
von Braun, Joachim. 2008 (published 2009)
- (10) AAAS and RMF Riley Lecture Endowment Agreement, 2008
- (11) Tribute to Emilie Brash, Riley granddaughter, 2015  
A Tribute to Emilie Wenban-Smith: Granddaughter of Charles Valentine Riley, by Richard Ridgway, Colin Brash, and Susan Fulgate  
Emilie 'Jill' Brash, A Service of Thanksgiving and Remembrance, 1931-2015
- (12) Power Point presentations, 2009-2017  
Economic Returns of Agricultural Research, Keith Fuglie, 2009  
Future of Agricultural Research, Catherine Woteki, 2011  
Food Security and Sustainable Agriculture, Wendy Wintersteen, 2013  
Food and Agricultural Research, Catherine Woteki, 2014  
Pursuing a Unifying Message, National Press Club, Wendy Wintersteen, 2014  
Pursuing a Unifying Message, Southwest Agribusiness Council, Steve Verett, 2015  
Non-Land Grant Agricultural and Renewable Resources Universities, Dale Galenberg and Todd Winters, 2015  
Raising the Profile of Federal Research, 2016  
Overview of Federal Research Agencies, Richard Ridgway, 2016

- Raising the Profile of Federal Research: USDA Research, Education and Economics, Catherine Woteki, 2016
- Raising the Profile of Federal Research: USDA Research, Education and Economics, Ann Bartuski, 2016
- Raising the Profile of Federal Research: National Science Foundation, Jane Silverthorne, 2016
- Raising the Profile of Federal Research: U. S. Agency of International Development, Rob Bertram, 2016
- Raising the Profile of Federal Research: U. S. Geological Survey, Gary Rowe, 2016
- Raising the Profile of Federal Research: U' S' Department of Energy, Todd Anderson, 2016
- Raising the Profile of Federal Research: Department of Defense, Patricia Deuster, 2016
- Raising the Profile of Federal Research: National Oceanic and Atmospheric Administration, Claudia Nierenberg, 2016
- Overview of the Economic Research Service, Mary Bohman, 2016
- Update of the Economic Research Service, Mary Bohman, 2017
- (13) Agricultural research policy reports, 2012-2017
  - Report to the President on Agricultural Preparedness and the Agricultural Research Enterprise, 2012
  - The Vital Role of the White House Office of Science and Technology Policy in the New Administration, 2016
  - Unleashing a Decade of Innovation in Plant Sciences, A Vision for 2015-2025
  - Farm Animal Integrated Research, 2012
  - Forage a New Science of Agriculture Based on Sustainable Intensification, 2014
  - Productivity Growth in U. S. Agriculture, 2017
  - Public Food and Agricultural Research in the United States, AGree, April 2013
  - Five Perspectives on Improving the U.S. Public Research, Education and Extension System, AGree, June 2013
- (14) Agricultural Research Service (ARS) sources, 2009-2017
  - USDA Technology Transfer, including ARS, 2015
  - USDA Research, Education and Economics, including ARS, 2015
  - USDA Research, Education and Economics, including ARS, 2016
  - ARS Impacts, 2015
  - ARS Scientific Discoveries, 2016
  - ARS Status of Programs submitted to U. S. Congress, 2016
  - ARS Status of Programs submitted to U. S. Congress, 2017
  - ARS Cooperative Agreement Summary, received 2017
  - ARS Management Units Co-located with Universities, 2016
  - ARS Collections, Roots of a Blossoming Science, 2009
- (15) AAAS Charles Valentine Riley Memorial Lectures, 2010-2018
  - Beachy, Roger. 2010.
  - Roland, Pamela. 2011.
  - Horch, Rob. 2012.
  - Long, Stephen. 2013.
  - Glickman, Dan. 2014.
  - Leath, Steven. 2015.
  - Woodsen, Randy. 2016.
  - Fraleay, Robert. 2017.
  - van Eenennaam, Alison. 2018.
- (16) RMF unifying message reports, 2014-2018
  - 2014. Pursuing a Unifying Message: Elevating Food, Agriculture and National Resources

- Research as a National Priority. Initial report. Released at the National Press Club.
2015. A University Perspective.
2016. Raising the Profile of Federal Research.
2016. A Scientific Society Perspective.
2016. A Food, Nutrition and Health Research Perspective.
2018. Natural Resources.
2018. A Commodity Research Perspective.
2018. Agricultural Research Service: Specialized Agency Functions and University Relationships.
2018. Economic Research Service: Specialized Agency Functions and Public Goods' Provision.
2018. Forest Service Research and Development: Creating the Knowledge Needed to Manage America's Forests Sustainably,
2018. Non-land-grant Colleges of Agriculture: Contributing to the Common Good. A Special Report.
2018. A Unifying Message: Pulling Together Increasing Support for Food, Agricultural and Natural Resources Research.
- (17) RMF unifying message, 2019; 2018 annual meeting and AAAS, 2019
2019. RMF briefing books for 2018.
2019. Charles Valentine Riley Memorial Foundation. Agriculture, Food and Natural Resources. Cooperative Extension and Public Outreach: Advancing Agriculture and Improving Lives. NTIS Accession No. PB2019-101109 or <https://rileymemorial.org>
2019. Purdue University. Agriculture, Food and Natural Resources Cooperative Extension and Public Outreach: Advancing Agriculture and Improving Lives. Overview. 4 pp.
2019. AAAS Charles Valentin Riley Memorial Lecture, 2019. Program for lecture and panel including Robert S. Zeigler, Director General Emeritus, International Rice Research Institution, Philippines, Science and Policy: Their Yin and Yang Dynamic and Global Food Security. Available online at <https://www.youtube.com/watch?v=EdhAuhRoQLA>. Power Point slides, 49 pp.
2019. Program. AAAS and RMF Riley Leadership Breakfast. 1p. f&b
2019. Don Weber. Charles Valentine Riley Biography - Publishers announcement. AAAS and RMF Riley Leadership Breakfast. 1 p.
2019. Richard Klemme. Agriculture, Food and natural Resources Cooperative Extension and Public Outreach: Advancing Agriculture and Improving Lives. Power Point slides, 6 pp. AAAS and RMF Riley Leadership Breakfast.