

## Refereed Journal Articles at Vernon – Entomology

### 1975

Rogers, C.E., and J.C. Garrison. 1975. Seed destruction in Indigobush amorpha by a seed beetle. *Journal of range Management* 28: 241-242.

Rogers, C.E., W.E. Clark, and H.R. Burke. 1975. Bionomics of *Sibinia sulcatula* (Coleoptera: Curculionidea) on mesquite in Texas. *Southwestern Naturalist* 20: 303-314.

### 1977

Rogers, C.E. 1977. Hosts and parasitoids of the Cecidomyiidae (Diptera) in the Rolling Plains of Texas. *Journal of the Kansas Entomological Society* 50: 179-186.

Rogers, C.E., and N.V. Horner. 1977. Spiders of guar in Texas and Oklahoma. *Environmental Entomology* 6: 523-524.

### 1978

Slosser, J.E. 1978. Influence of planting date on boll weevil management. *Southwestern Entomologist* 3(3): 241-246.

Slosser, J.E., J.R. Phillips, and G.A. Herzog. 1978. Bollworm damage and population development in relation to phenology of the cotton plant. *Environmental Entomology* 7(1): 144-148.

Slosser, J.E., and C.E. Rogers. 1978. A sequential sampling plan for midges (Diptera: Cecidomyiidae) infesting buds of guar. *Journal of the Kansas Entomological Society* 51(3): 499-503.

### 1979

Wellik, M.J., J.E. Slosser, and R.D. Kirby. 1979. Evaluation of procedures for sampling *Heliothis zea* and *Keiferia lycopersicella* on tomatoes. *Journal of Economic Entomology* 72(5): 777-780.

## 1980

Slosser, J.E. 1980. Irrigation timing for bollworm management in cotton. *Journal of Economic Entomology* 73(2): 346-349.

Slosser, J.E., and E.P. Boring, III. 1980. Shelterbelts and boll weevils: a control strategy based on management of overwintering habit. *Environmental Entomology* 9(1):1-6.

## 1981

Kirby, R.D., and J.E. Slosser. 1981. A sequential sampling plan for three Lepidopterous pests of cabbage. *Southwestern Entomologist* 6(3): 195-200.

Meinke, L.J., and J.E. Slosser. 1981. Boll weevil parasite surveys in the northern Texas Rolling Plains. *Journal of Economic Entomology* 74(5): 506-509.

Slosser, J.E. 1981. Cultural control of the boll weevil: influence of bed shape. *Journal of Economic Entomology* 74(5): 561-565.

Wellik, M.J., J.E. Slosser, and R.D. Kirby. 1981. Effects of simulated insect defoliation on potatoes. *Am. Potato J.* 58: 627-632.

## 1982

Meinke, L.J., and J.E. Slosser. 1982. Fall mortality of the boll weevil in fallen cotton squares, with emphasis on parasite-induced mortality. *Environmental Entomology* 11(2): 318-323.

Puterka, G.J., J.E. Slosser, and E.C. Gilmore. 1982. Biotype C and E greenbugs: distribution in the Texas Rolling Plains and damage to four small grain varieties. *Southwestern Entomologist* 7(1): 4-8.

## 1983

Puterka, G.J., and J.E. Slosser. 1983. Inducing oviparae and males of biotype C greenbugs, *Schizaphis graminum* (Rond.). *Southwestern Entomologist* 8(4): 268-272.

Slosser, J.E. 1983. Potential of *Heliothis* spp. (Lepidoptera: Noctuidae)-resistant cottons in limited-irrigation situations. *Journal of Economic Entomology* 76(4): 864-868.

## 1984

Kirby, R.D., and J.E. Slosser. 1984. Composite economic threshold for three Lepidopterous pests of cabbage. *Journal of Economic Entomology* 77(3): 725-733.

Nicholson, W.F., Jr., J.R. Phillips, J.L. Bernhardt, D.B. Marx, and J.E. Slosser. 1984. Sampling in an area-wide bollworm management community, pp. 17-21. In: *Sampling Insects and Fruit in Cotton*. Southwestern Entomologist Suppl. No. 6.

Slosser, J.E., R.J. Fewin, J.R. Price, L.J. Meinke, and J.R. Bryson. 1984. Potential of shelterbelt management for boll weevil (Coleoptera: Curculionidae) control in the Texas Rolling Plains. *Journal of Economic Entomology* 77(2): 377-385.

Slosser, J.E., J.R. Price and P.W. Jacoby. 1984. Effect of two shinnery oak habitats on winter survival and on spring and early summer emergence of the boll weevil. *Southwestern Entomologist*. 9(3):240-244.

Slosser, J.E., J.R. Price, and P.W. Jacoby. 1984. Effect of two shinnery oak habitats on winter survival and on spring and early summer emergence of the boll weevil. *Southwestern Entomologist* 9(3): 240-244.

## 1985

Meinke, L.J., and J.E. Slosser. 1985. *Bracon mellitor* Say (Hymenoptera: Braconidae) diapause in the Texas Rolling Plains. *Ann. Entomol. Soc. Amer.* 78(3): 376-380.

Price, J.R., J.E. Slosser, and G.J. Puterka. 1985. Factors affecting survival of boll weevils in winter habitat in the Texas Rolling Plains. *Southwestern Entomologist* 10(1): 1-6.

Puterka, G.J., J.E. Slosser, and J.R. Price. 1985. Parasites of *Heliothis* spp. (Lepidoptera: Noctuidae): parasitism and seasonal occurrence for host crops in the Texas Rolling Plains. *Environmental Entomology* 14(4): 441-446.

Slosser, J.E., P.W. Jacoby, and J.R. Price. 1985. Management of sand shinnery oak for control of the boll weevil (Coleoptera: Curculionidae) in the Texas Rolling Plains. *Journal of Economic Entomology* 78(2): 383- 389.

## 1986

Puterka, G.J., and J.E. Slosser. 1986. Influence of host and temperature on greenbug, *Schizaphis graminum* (Rondani), egg hatch. *Southwestern Entomologist* 11(2): 75- 81.

Puterka, G.J., J.E. Slosser, J.R. Price, and L.J. Meinke. 1986. *Bracon* spp. and their host insects and plants in the Texas Rolling Plains. *Southwestern Entomologist* 11(4): 249-254.

Puterka, G.J., J.E. Slosser, J.R. Price, and L.J. Meinke. 1986. Host/plant relationships used by the boll weevil (Coleoptera: Curculionidae) parasite *Bracon mellitor* (Hymenoptera: Braconidae) in the Texas Rolling Plains. *Environmental Entomology* 15(4): 880- 883.

Robinson, J.R.C. and J.E. Slosser. 1986. Controlled droplet application technology for ultra low volume-oil spraying of insecticides in cotton. pp. 9-18. In: Evaluation of Petroleum and Crop Oils as Carriers and Adjuvants for Insecticides. *Southwestern Entomologist Supp.* No. 11.

Robinson, J.R.C., J.E. Slosser, J.K. Walker, and J.R. Price. 1986. CDA/ULV-oil technology versus conventional spray technology for ground application of sprays for bollworm control in the Texas Rolling Plains. pp. 25-37. In: Evaluation of Petroleum and Crop Oils as Carriers and Adjuvants for Insecticides. *Southwestern Entomologist Supp.* No. 11.

Slosser, J.E., G.J. Puterka, and J.R. Price. 1986. Cultural control of the boll weevil (Coleoptera: Curculionidae): effects of narrow-row spacing and row direction. *Journal of Economic Entomology* 79(2): 378-383.

Witz, J.A., J.E. Slosser, S.J. Ingle, G.J. Puterka, J.R. Price, A.W. Hartstack, and M.R. Davis. 1986. Sampling and computer-contouring technique for estimating distribution of crops in a large geographical area. *Journal of Economic Entomology* 79(5): 1406-1409.

## 1987

Bush, L., J.E. Slosser, W.D. Worrall and G.J. Puterka. 1987. Status of greenbug biotypes in Texas. *Southwestern Entomologist* 12(3):229-236.

Slosser, J.E., E.P. Boring, III, J.R. Price, and G.J. Puterka. 1987. Influence of field margins on densities of cotton fruit and on boll weevils and their damage during late season. *Southwestern Entomologist* 12(3): 253-258.

Slosser, J.E., J.A. Witz, G.J. Puterka, J.R. Price, and A.W. Hartstack. 1987. Seasonal changes in bollworm (Lepidoptera: Noctuidae) moth catches in pheromone traps in a large area. *Environmental Entomology* 16(6): 1296-1301.

## 1988

Puterka, G.J., D.C. Peters, D.L. Kerns, J.E. Slosser, L. Bush, W.D. Worrall and R.W. McNew. 1988. Designation of two new greenbug (Homoptera: Aphididae) biotypes G and H. *Journal of Economic Entomology* 81(6): 1754- 1759.

## 1989

Bush, L., J.E. Slosser, and W.D. Worrall. 1989. Variations in damage to wheat caused by Russian wheat aphid (Homoptera: Aphididae) in Texas. *Journal of Economic Entomology* 82(2): 466-471.

Frank, W.A., R.A. Scott, J.E. Slosser, and W.D. Worrall. 1989. Resistance in triticale to Russian wheat aphid and greenbug. *Southwestern Entomologist* 14(2):167-178.

Slosser, J.E., W.E. Pinchak and D.R. Rummel. 1989. A review of known and potential factors affecting the population dynamics of the cotton aphid. *Southwestern Entomologist* 14(3):302-313.

Slosser, J.E., J.R. Price, and G.J. Puterka. 1989. Evaluation of furrow-diking and early-season insecticide applications on boll weevils (Coleoptera: Curculionidae), bollworms (Lepidoptera: Noctuidae), and cotton yield in the Texas Rolling Plains. *Journal of Economic Entomology* 82(2): 599-607.

## 1990

Ansley, R.J., C.H. Meadors and P.W. Jacoby. 1990. Preferential attraction of the twig girdler, *Oncideres cingulata texana* Horn, to moisture-stressed mesquite. *Southwestern Entomologist* 15: 469-474.

Bush, L., J.E. Slosser, W.D. Worrall & N.V. Horner. 1990. Potential of wheat cultivar mixtures for greenbug (homoptera:aphididae) management. *Journal of Economic Entomology* 84:1619-1624.

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Scott, R.A., W.D. Worrall and W.A. Frank. 1990. Comparison of three techniques for measuring antibiosis to Russian wheat aphid. *Southwestern Entomologist* 15(4):439-446.

Slosser, J.E., J.R. Price, and G.J. Puterka. 1990. Manipulation of overwintering survival and spring emergence of *Bracon mellitor* Say (Hymenoptera: Braconidae). *Environmental Entomology* 19(4):1110-1114.

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mixtures for greenbug (Homoptera: Aphididae) management. *Journal of Economic Entomology* 84(5): 1619-1624.

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Slosser, J.E., and T.W. Fuchs. 1991. Overwinter survival of boll weevils (Coleoptera: Curculionidae) in the Texas Rolling Plains. *Environmental Entomology* 20(3): 877- 881.

Slosser, J. E., J. R. Price, and W. A. Frank. 1991. Treatment threshold for overwintered boll weevils in dryland cotton in the Texas Rolling Plains. *Southwestern Entomologist* 16(4): 293-300.

Worrall, W.D. and R.A. Scott. 1991. Differential reaction of Russian wheat aphid to various small-grain host plants. *Crop Science* 31:312-314.

## **1992**

Bevers, S. J. and J. E. Slosser. 1992. Assessing cost effectiveness of planting dates and insecticide chemicals in Texas dryland cotton production. *Journal of Production Agriculture* 5(3): 374-377.

Slosser, J. E., W. E. Pinchak, and W. A. Frank. 1992. Effect of planting date on cotton aphid and banded winged whitefly populations in dryland cotton. *Southwestern Entomologist* 17(2): 89-100.

## **1993**

Montandon, R., J. E. Slosser and W. A. Frank. 1993. Factors reducing the pest status of the Russian wheat aphid (Homoptera: Aphididae) on wheat in the Rolling Plains of Texas. *Journal of Economic Entomology* 86(3): 899-905.

Montandon, R., J. E. Slosser and D. L. Lucia. 1993. Habitat of larval *Tabanus abactor* Philip in the Texas Rolling Plains. *Southwestern Entomologist* 18(1): 61-62.

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## **1994**

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fruiting, yield, and boll weevil (Coleoptera: Curculionidae) damage in Texas dryland cotton. *Journal of Economic Entomology* 87(6): 1647-1652.

Slosser, J. E., D. G. Bordovsky, and S. J. Bevers. 1994. Damage and costs associated with insect management options in irrigated cotton. *J. Economic Entomology* 87(2): 436-445.

## 1995

Rummel, D. R., M. D. Arnold, J. E. Slosser, K. C. Neece, and W.E. Pinchak. 1995. Cultural factors influencing the abundance of *Aphis gossypii* Glover in Texas High Plains cotton. *Southwestern Entomologist* 20(4): 395-406.

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Rummel, D.R., M.D. Arnold, J.E. Slosser, K.C. Neece, and W.E. Pinchak. 1996. Cultural factors influencing the abundance of *Aphis gossypii* Glover in the Texas High Plains. *Southwestern Entomologist* 20:395-406.

Slosser, J. E., R. Montandon, D. R. Rummel, L. T. Wilson, and T.W. Fuchs. 1996. Survival of diapausing and nondiapausing boll weevils (Coleoptera: Curculionidae) subjected to freezing temperatures. *Environmental Entomology* 25(2): 407-415.

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Parajulee, M.N., R. Montandon, and J.E. Slosser. 1997. Relay intercropping to enhance abundance of insect predators of cotton aphid (*Aphis gossypii* Glover) in Texas Cotton. *Internat. J. Pest Management* 43(3): 227-232.

Parajulee, M.N., J.E. Slosser, R. Montandon, S.L. Dowhower, and W.E. Pinchak. 1997. Rangeland grasshoppers (Orthoptera: Acrididae) associated with mesquite and juniper habitats in the Texas Rolling Plains. *Environmental Entomology* 26(3): 528-536.

Parajulee, M.N., L.T. Wilson, D.R. Rummel, S.C. Carroll, P.J. Trichilo, J.E. Slosser, and T.W.

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## 2003

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Slosser, J.E. 2003. Biology of *Coleothorpa dominicana franciscana* (LeConte). *Southwestern Entomologist* 28(2) 91-95.

## 2004

Slosser, J. E., M. N. Parajulee, D. L. Hendrix, T. J. Henneberry, and W. E. Pinchak. 2004. Cotton aphid (Homoptera: Aphididae) abundance in relation to cotton sugars. *Environmental Entomology* 33(3):690-699.

## 2005

Slosser, J.E., C.L. Cole, E.P. Boring, III, and M.N. Parajulee. 2005. Thrips species associated with cotton in the northern Texas Rolling Plains. *Southwestern Entomologist* 30(1): 1-7.

Wiedemann, H.T, J.E. Slosser and R.J. Ansley. 2005. *Tabanus abactor* Philip responses to chaining and burning redberry juniper stands. *Southwestern Entomologist* 30: 203-214.

## 2006

Amdor, B.A., J.E. Slosser, G.B. Idol, M.N. Parajulee, W.E. Pinchak, R.J. Ansley and M.K. Owens. 2006. Population dynamics and response to mesquite pod supplementation for *Algarobius bottimeri* and *Mimosestes amicus*. *Southwestern Entomologist* 31: 103-112.

## 2009

Mirik, M., R. J. Ansley, J. Michels, Jr., and N. Elliott. 2009. Grain and vegetative biomass reduction by the Russian wheat aphid in winter wheat. *Southwestern Entomologist* 34: (in press)