

**Daniel A. Potter**  
Curriculum vitae  
Updated 20 January 2016

**Address:** Department of Entomology  
S-225 Agricultural Science Center N  
University of Kentucky  
Lexington, Kentucky 40546-0091  
USA

Email: dapotter@uky.edu  
Phone: (859) 257-7458  
FAX: (859) 323-1120

**Education:**  
PhD, Entomology, The Ohio State University, 1978  
B.S., Entomology, Cornell University, 1974

**Professional Appointments** (all Department of Entomology, University of Kentucky):

University Distinguished Research Professor, 1999-  
Bobby C. Pass Research Professor, 2008-2011  
Professor, 1999-  
Associate Professor, 1985-1989  
Assistant Professor, 1979-1985

**Awards and Honors:**

From Scientific Societies:

National Awards:

Fellow of the Entomological Society of America (2008)  
Distinguished Achievement Award in Horticultural Entomology, Entomological Society of America (2006)  
Distinguished Achievement Award in Teaching, Entomological Society of America (1999)  
Distinguished Achievement Award in Urban Entomology, Entomological Society of America (1995)

Regional Awards:

Distinguished Achievement Award in Teaching, North Central Branch ESA (1999)  
Recognition Award in Urban Entomology, North Central Branch ESA (1992)

From University of Kentucky

B.C. Pass Endowed Professorship (2008-2011)  
College of Agriculture, Food, and Environment George E. Mitchell Award for Outstanding Service to Graduate Students (2003)  
University Distinguished Research Professor, 1999-  
College of Agriculture, Food, and Environment Master Teacher Award (1998)  
College of Agriculture, Food and Environment T.P. Cooper Award for Distinguished Achievement in Research (1997)

National Awards from Stakeholder Organizations:

United States Golf Association Green Section Award (for lifetime service, 2010)  
National Leadership Award, Professional Land Care Network (2008)  
American Nursery/Landscape Assoc. Distinguished Achievement Award (2006)

From Regional Stakeholder Organizations:

Kentucky Turfgrass Council Man of the Year Award (1989)

Kentucky Turfgrass Council Special Recognition Award (1986)

Graduate Student Awards:

John Henry Comstock Award for Outstanding Graduate Student Achievement,  
Entomological Society of America (1978)  
Alumni Award for Graduate Student Research and Creative Achievement, The Ohio State  
University (1977)

Other Recognitions:

Invited Keynote Speaker at scientific and industry conferences throughout the world  
Distinguished Alumnus invited speaker, The Ohio State University Entomology Dept.  
Centennial Symposium  
Harold Gunderson Memorial Lecturer in Entomology, Iowa State University  
Rutgers University Centennial Symposium invited lecturer

Links to profiles for selected professional recognitions:

<http://www.entsoc.org/fellows/daniel-potter-esa-fellow-2008>  
<http://gsr.lib.msu.edu/2010s/2010/100502.pdf>  
<http://www.usga.org/content.aspx?id=24134>

Selected Recognitions to My Graduate Students

Three different recipients of Entomological Society of America John Henry Comstock  
Award, their most prestigious award for graduate student achievement  
Eight different recipients of the UK College of Agriculture, Food, and Environment  
Outstanding Graduate Student Award  
Numerous other graduate student awards and scholarships

**Principal Research Areas:**

Research and support environmentally responsible means for managing insect pests of trees, shrubs, and turfgrass in urban and suburban landscapes while protecting pollinators and other beneficial species. My program supports pest management for lawns, sport fields, golf courses, ornamental and shade trees, nurseries, garden centers, parks, and other urban green spaces throughout the USA and worldwide.

Environmental toxicology, particularly assessing and alleviating impacts of pesticides on beneficial invertebrates and their ecosystem services

Research supporting protocols for homeowners and land care professionals to implement biological control and pollinator conservation for sustainable urban landscapes

Basic research on insect-plant relationships

**Funding:**

Funding from USDA-NRI, US Golf Association, USDA-IR4, USDA-SRIPM, OJ Noer Foundation, Horticultural Research Institute, commodity groups, and industry contracts

**Professional Service (examples):**

## For University of Kentucky:

Biological Sciences Area Committee for Promotion and Tenure, two 3-year terms including Chair  
 Graduate Council (including Life Sciences Subcommittee Chair)  
 Faculty Advisory Committee for UK Chancellor Search  
 College Advisory Committee for Promotion and Tenure  
 Agriculture Faculty Council, two terms, including Chair  
 Search Committees: Associate Dean for Research, Entomology Dept. Chair  
 Committees for periodic CSRS reviews of several college departments  
 College Curriculum Committee  
 College Awards committees (as Chair): Master Teacher Award, Distinguished Lecturer, T.P.  
 Cooper Research Award, Outstanding Service to Graduate Students Award  
 Numerous Departmental committees

## For Professional Societies:

Associate Editor: Environmental Entomology, Applied Turfgrass Science, Acta Horticulturae,  
 Editorial Board, Entomological Society of America Pest Handbook Series  
 Chair, Entomological Society of America Award Committees for Distinguished Achievement in  
 Teaching, Urban Entomology, Horticultural Entomology, Integrated Pest Management.  
 Judge, ESA President's Prize student paper competitions (many times)  
 Ohio Valley Entomological Society, Past President, governing board, primary fund-raiser for  
 OVEA student paper forum for past 20 years  
 KY Turfgrass Council, KY Nursery Assoc. educational advisor  
 Reviewer for >30 national and international scientific journals including Science, Nature, PNAS,  
 PLoS One, Ecology, and many entomological journals

## For Community:

Co-founder (with K.V. Yeorgan) of the UK/Lexington Fayette Co. community "Night Insect  
 Walk", our Department's signature outreach event; Co-organizer for this event annually from  
 1986–2004; Group Leader annually for 30 years.  
 Fayette County Science Fair: Lead Judge, judge recruiter, since 1994; entomology students  
 comprise largest contingent of judges from any one department at UK.  
 Judge: KY State Regional Science Fair; numerous primary school science fairs  
 Delivered public UK Saturday Seminars: "Insects of the Home, Yard, and Garden" and "How to  
 Have a Beautiful Lawn" in conjunction with home football games.  
 Numerous presentations on insects at elementary schools, summer camps, scout groups

**Invited Presentations**

Many hundreds of invited lectures throughout the United States and in Canada, Europe, China,  
 Korea, Myanmar, Thailand, South Africa, Brazil, Australia, New Zealand, and elsewhere.

Examples (International):

Keynote Speaker for Entomology; International Conference on Turfgrass Science and Management  
 for Sports Fields, Beijing, China (2007) and Athens, Greece (2003) in conjunction with preparation  
 for the 2008 and 2004 Summer Olympics  
 Keynote Speaker, International Turfgrass Research Conference, Wales, United Kingdom

(2005), Beijing China, 2013

Invited Symposium Speaker at Entomological Society of America National Meeting (about 30 times)

International Symposium on Insect and Plants (5 times, Budapest, Oxford, Thun, Switzerland; Wageningen, Netherlands; Helsingor, Denmark)

Invited Speaker at corporate headquarters of Syngenta, Samsung, Bayer, Rohn & Haas, and other companies

First National Conference on Protecting Pollinators in Urban Landscapes (2015)

International Conference on Pollinator Biology, Health and Policy (2016)

Invited US University Research Seminars:

Auburn, Cornell (3x), Clemson, Iowa State, Michigan State, NC State, Ohio State (4 x), Penn State, Purdue, Rutgers, Univ. CA Davis, Univ. FL, Univ. IL, Univ. Mass, Univ. MD, Univ. WI, many small colleges

Invited Overseas University Seminars: Australia, China (3x), Myanmar, New Zealand (3 x), Korea (2 x)

Invited Presentations at Trade Conferences (about 500 total); examples:

Am. Soc. Landscape Architects, Arkansas Turf Conf.; Audubon Society, Canadian Golf Superintendent's Assoc., Golf Course Superintendents Assoc. Am., Cincinnati Zoo, Am. Holly Soc., IL Turf Assoc., IN Cemetery Assoc. IN Turf & Landscape Assoc., Mid-Atlantic Turf & Landscape Conf., MD Turfs Assoc.; MI Turfgrass Assoc., Midwest Regional Turf Conf. , MN Turf Conf.; National Nursery Inspectors' Conf., National Public Radio; Green Industry Expo, New Zealand Turf Assoc., NC Turf Assoc., Conf.; N.Y. State Turfgrass Assoc.; Ohio Turfgrass Foundation , Ohio Nursery Landscape Assoc., Ontario Turfgrass Conf.; NY State Turfgrass Conference, Penn. Turf Conf.; Professional Lawn Care Network, Purdue Turfgrass Conf.; Rhode Island Turfgrass Conf.; Rutgers Turf Conf., Sierra Club; Southern Cemetery Association; Southern Nursery Assoc.; U.S. Golf Association, Utah State Landscape Conf.; Virginia Turfgrass Assoc. Conf., West Virginia Turfgrass Conf., Wisconsin Turf Conf., and others

Invited In-State Service Teaching, Examples

Annually: KY Turfgrass Council, UK Turfgrass Winter Short Course, KY Nursery Association, Central KY Ornamental and Turf Assoc., UK Professional Turf Management School, UK Turfgrass Field Day, others

Periodically: UK Pest Control Short Course, Pesticide Educator training, UK Women's Club, Grayson-Jockey Club, Lexington Rose Society; various student organizations, others

Other Service

Each year my students and I respond to hundreds of inquiries about insect pests from extension educators, land care professionals and homeowners, and provide many on-site visits to help landscape managers and private citizens with insect problems.

## **Graduate Student Development**

As Major Professor:

The 15 PhD students graduated from my lab include 9 University faculty members (including 3 Deans or Station Directors and a Dept. Chair) at institutions including Auburn Univ., Univ. FL (2),

Univ. WI (2), and Univ. NE; 3 Senior Industry Research Scientists (at Syngenta, Dupont, and BASF), 2 USDA scientists, and owner of an agricultural consulting firm.

The 25 MS graduates from my lab include industry scientists, extension specialists, regulatory entomologists, high school biology teachers, State entomologists, horticultural consultants, small business owners, and a veterinarian

Graduate Advisory Committees: About 75 additional students

Other Activities to Enhance Graduate Education

Preparing Future Faculty (GS 650) Guest Panelist –multiple times  
 Faculty Advisor to UK Entomology graduate student organization  
 Keynote speaker at College graduate student orientation “How to Succeed in Graduate School”

**Classroom Teaching:**

Horticultural Entomology; 3 credits with lab; Fall Semester, 1980-present, undergraduate  
 Insect -Plant Relationships (ENT/BIO cross-listed); 3 credits; bi-annually since 1993; graduate  
 Entomological Career Opportunities and Tools of the Trade (3 times); graduate  
 Independent Study. Supervised about 25 undergraduates on research projects for academic credit  
 Various 1-credit topical seminars; graduate  
 Insect Biology for non-majors (one time)

Teaching Evaluations for regularly offered courses (past 8 years or offerings; scale 1-4; mean, median, range, excludes Fall 2014 when college went to on-line evaluation and only a few students responded

Horticultural Entomology:

Value of Course: Mean 3.9, Median 3.9, range 3.7-4.0

Quality of Teaching: Mean 3.9, median 3.9, range 3.7-4.0

Insect-Plant Relationships:

Value of Course: Mean 3.9, Median 3.9, range 3.7-4.0

Quality of Teaching: Mean 3.9, median 3.9, range 3.7-4.0

Both course ratings are consistently among the highest in the College of Agriculture, Food, and Environment





**Daniel A. Potter**  
List of Scholarly Publications  
Updated 20 January 2016

\*author was graduate student or †undergraduate student under my direction, ‡author was post-doc, visiting scientist, or research technician in my lab

**Original Textbook:**

Potter, D.A. 1998. Destructive Turfgrass Insects: Biology, Diagnosis, and Control. Wiley, New York, NY. 366 pp., 32 color plates

**Major Invited Reviews (ARE impact factor: 13.6)**

Held DW\*, Potter DA (2012) Prospects for managing turfgrass insect pests with reduced chemical inputs. *Annu. Rev. Entomol.* 57:329-354.

Potter DA, Held DW\* (2002) Biology and management of the Japanese beetle. *Annu. Rev. Entomol.* 47: 175-205

Potter DA, Braman SK (1991). Ecology and management of turfgrass insects. *Annu. Rev. Entomol.* 36: 383-406

**Other invited reviews and book chapters: 26 total**

**Refereed Articles in Scientific Journals (201 total, reverse chronological order)**

1. Dobbs EK\*, Potter DA (2016). Naturalized habitat on golf courses: source of sink for natural enemies and conservation biological control? *Urban Ecosystems* DOI 10.1007/s 11252-015-0521-1
2. Larson JL\*, Giese M, Potter DA (2016) First report of carrot beetle (*Tomarus gibbosus*) damage to golf course turf. *Crop, Forage & Turfgrass Manag.* doi: 10.2134/cftm2015.0188
3. Larson JL\*, Redmond CT\*, Potter DA (2015). Mowing mitigates bioactivity of neonicotinoid insecticides in nectar of flowering lawn weeds and turfgrass guttation. *Environ. Toxicol. Chem.* 34:127–132.
4. Dobbs EK\*, Potter DA (2015) Forging natural links with golf courses for pollinator-related conservation, outreach, teaching, and research. *Am. Entomol.* 61:116-123
5. Larson JL\*, Geise M, Potter DA (2015) First report of carrot beetle (*Tomarus gibbosus*) damage to golf courses. *Crop, Forage, and Turfgrass Manag.* In Press
6. Seamans TW, Blackwell BF, Bernhardt GE, Potter DA. 2015. Assessing chemical control of earthworms at airports. *Wildlife Soc. Bull.* 39:434-442.
7. Cabrera AR, Almanza MT, Cutler GC, Fischer DL, Hinarejos S, Lewis G, Nigro D, Olmstead A, Overmyer J, Potter DA, Raine NE, Stanley-Stahr C, Thompson H, van der Steen J. 2015. Initial recommendations for higher-tier risk assessment protocols for bumble bees, *Bombus* spp. (Hymenoptera: Apidae). *Integr. Environ. Assess. Manag.* DOI: 10.1002/ieam.1675
8. Lee DW‡, Potter DA (2015). Biological control of the black cutworm, *Agrotis ipsilon*, (Lepidoptera: Noctuidae) with the Korean entomopathogenic nematode, *Steinernema carpocapsae* GSN1 Strain (Rhabditida: Steinernematidae) in turfgrasses. *Weed Turf. Sci.* 4: 58-64
9. Larson JL\*, Kesheimer AJ†, Potter DA (2014). Pollinator assemblages on dandelion and white



- clover in urban and suburban lawns. *J. Insect Conservation* 18:863-873
10. Dobbs EK\*, Potter DA. (2014) Conservation biological control and insect pest performance in lawns: Does mowing height matter? *Environ. Management* 53: 648–659.
  11. Larson JL\*, Redmond CT\*, Potter DA (2014) Impacts of a neonicotinoid, neonicotinoid-pyrethroid premix, and anthranilic diamide insecticide on four species of turf-inhabiting beneficial insects. *Ecotoxicology* 23: 252-259.
  12. Redmond CT\*, Kesheimer AJ†, Potter DA (2013) Earthworm community structure, population dynamics, and seasonal casting activity on Kentucky golf courses. *Appl. Soil Ecol.* 75: 116-123
  13. Larson JL\*, Redmond CT\*, Potter DA (2013) Assessing insecticide hazard to bumble bees foraging on flowering weeds in treated lawns. *PLoSone* 8(6) e66375.  
doi:10.1371/journal.pone.0066375
  14. Potter, DA, Redmond CT\* (2013) Relative resistance or susceptibility of landscape suitable elms (*Ulmus* spp.) to multiple insect pests. *Arboric. Urban Forestry* 39: 236-243.
  15. Potter DA, Williams DW, Redmond CT\* (2013). Management of excessive earthworm casts on golf courses and sport fields. *Int. Turfgrass Soc. Res. J.* 12: 347-355.
  16. Lee DW‡, Potter DA (2013) Effect of essential oils and paraffin oil on the black cutworm, *Agrotis ipsilon*. *Weed Turf Sci.* 2:62-69.
  17. Redmond CT\*, Williams DW, Potter DA (2012) Comparison of scarab grub populations and associated pathogens and parasitoids in warm or cool-season in warm- or cool-season grasses used on transitional-zone golf courses. *J. Econ. Entomol.* 105: 1320-1328
  18. Seagraves BL\*, Redmond CT\*, Potter DA (2012) Relative resistance or susceptibility of maple (*Acer*) species, hybrids, and cultivars to six arthropod pests of production nurseries. *Pest Manag. Sci.* 3 AUG 2012, DOI: 10.1002/ps.3375.
  19. Keathley CP\*, Potter DA (2012). Arthropod abundance in tall fescue pastures containing novel “safe” endophytes. *J. Appl. Entomol.* 8:576-587
  20. Keathley CP\*, Harrison RL, Potter DA (2012) Baculovirus infection of the armyworm feeding on spiny- or smooth-edged *Festuca* spp. leaf blades. *Biol. Control* 61: 147-54
  21. Held DW\*, Potter DA (2012) Prospects for managing turfgrass pests with reduced chemical inputs. *Annu. Rev. Entomol.* 57: 329-54.
  22. Larson JL\*, Redmond CT\*, Potter DA (2012). Comparative impact of an anthranilic diamide and other insecticidal chemistries on beneficial invertebrates and ecosystem services in turf. *Pest Manag. Sci.* 68: 740-748.
  23. Bixby-Brosi AJ\*, Potter DA (2012) Can a chitin-synthesis-inhibiting turfgrass fungicide enhance black cutworm susceptibility to a baculovirus? *Pest Manag. Sci.* 68: 324-29
  24. Keathley CP\*, Potter DA (2011). Behavioral plasticity of a grass-feeding caterpillar in response to spiny or smooth-edged leaf blades. *Arthropod-Plant Interactions* 5: 339-49
  25. Bixby-Brosi AJ\*, Potter DA (2011) Endophyte-mediated tritrophic interactions between a grass-feeding caterpillar and two parasitoid species with different life histories. *Arthropod-Plant Interactions* 6: 27-34.
  26. Bixby AJ\*, Potter DA (2010) Influence of endophyte (*Neotyphodium lolii*) infection of perennial ryegrass on susceptibility of the black cutworm (Lepidoptera: Noctuidae) to a baculovirus. *Biol. Contr.* 54: 141-146.
  27. Bixby-Brosi AJ\*, Potter DA (2010). Evaluating a naturally-occurring baculovirus for extended biological control of the black cutworm (Lepidoptera: Noctuidae) in golf course habitats. *J. Econ. Entomol.* 103:1555-1563.
  28. Vanek SJ\*, Potter DA (2010). An interesting case of ant-created enemy-free space for magnolia scale (Hemiptera: Coccidae). *J. Insect Behav.* 23: 389-395.
  29. Vanek SJ\*, Potter DA (2010). Ant-exclusion to promote biological control of soft scales

- (Coccidae) on woody landscape plants. *Environ. Entomol.* 39:1829-37.
30. Redmond CT\*, Potter DA (2010) Incidence of turf-damaging white grubs and associated pathogens and parasitoids on Kentucky golf courses. *Environ. Entomol.* 39:1838-47.
  31. Bixby AJ\*, Potter DA (2010) Influence of endophyte (*Neotyphodium lolii*) infection of perennial ryegrass on susceptibility of the black cutworm (Lepidoptera: Noctuidae) to a baculovirus. *Biol. Control* 54: 141-146.
  32. Condra J\*, Brady C\*, Potter DA (2010) Resistance of landscape-suitable elms to Japanese beetle, gall aphids, and leaf miners, with notes on life history of *Orchestes alni* and *Agromyza aristata* in Kentucky. *Arboric. Urban Forestry* 36:101-109.
  33. Potter, DA, Redmond CT\*, Meepagala, KM, Williams DW (2010) Managing earthworm casts in turfgrass using a natural byproduct of tea oil (*Camellia* sp.) manufacture. *Pest Manag. Sci.* 66: 439-446.
  34. Hammons DL\*, Kurtural SK, Potter DA (2010) Phenological resistance of grapes to the green June beetle, an obligate fruit-eating scarab. *Ann. Appl. Biol.* 156: 271-279.
  35. Hammons DL\*, Kurtural SK, Potter DA (2009) Japanese beetle defoliation reduces primary bud cold-hardiness during vineyard establishment. *Am. J. Enol. Vitic.* 61: 130-4.
  36. Hammons DL\*, Kurtural SK, Potter DA (2009) Impact of insecticide-manipulated defoliation by Japanese beetle (*Popillia japonica*) on grapevines from vineyard establishment through production. *Pest Manag. Sci.* 66: 565-571.
  37. Hammons DL\*, Kurtural SK, Newman M, Potter DA (2009) Invasive Japanese beetles facilitate host-finding, aggregation, and injury by a native scarab pest of ripening fruits. *Proc. Nat. Acad. Sci., USA* 106: 3686-3691
  38. Saeki Y\*, Crowley PH, Fox CW, Potter DA (2009). A sex-specific tradeoff in clonal broods. *Oikos* 188: 1552-1560.
  39. Hammons DL\*, Kurtural SK, Potter DA (2008). Japanese beetles facilitate feeding by green June beetles on grapes. *Environ. Entomol.* 37: 608–614.
  40. Wood TN, Richardson M, Potter DA, Johnson DT, Wiedenmann RN, Steinkraus DC (2009) Ovipositional preferences of the Japanese beetle (Coleoptera: Scarabaeidae) among warm- and cool-season turfgrass species. *J. Econ. Entomol.* 102: 2192-2197.
  41. Seagraves BL\*, Haynes KF, Redmond CT\*, Tittle S†, Potter DA (2008) Seasonal biology and management of the maple shoot borer, *Proteoteras aesculana* (Lepidoptera: Tortricidae) in production nurseries. *Pest Manag. Sci.* 64: 1040–1049.
  42. Keathley CP\*, Potter DA (2008) Quantitative resistance traits and suitability of woody plant species for a polyphagous scarab, *Popillia japonica* Newman. *Environ. Entomol.* 37: 1548–1557.
  43. George J\*, Potter DA (2008) Potential of azadirachtin for managing black cutworms and Japanese beetle grubs in turfgrass. *Acta Horticulturae* 783:499–505.
  44. Potter, D.A., Stokes JT†, Redmond CT\*, Schardl CL, Panaccione DG (2008). Contribution of ergot alkaloids to suppression of a grass-feeding caterpillar assessed with gene-knockout endophytes in perennial ryegrass. *Entomol. Exp. Appl.* 126:138–147
  45. Baumler RB†, Potter DA (2007). Knockdown, residual, and antifeedant activity of pyrethroids and home landscape bioinsecticides against Japanese beetles (Coleoptera: Scarabaeidae) on linden foliage. *J. Econ. Entomol.* 100: 451-458.
  46. Romero A, Potter MF, Potter DA, Haynes KF (2007) Insecticide resistance in the bedbug: a factor in the pest's sudden resurgence? *J. Med. Entomol.* 44:175-178.
  47. Potter, D.A. 2007. Managing insect pests of sport fields: What does the future hold? *Acta Horticulturae* 783: 481–498.
  48. George J\*, Redmond CT, Royalty RN, Potter DA (2006) Residual effects of imidacloprid on Japanese beetle (Coleoptera: Scarabaeidae) ovipositional behavior, egg hatch, and larval viability

- in turfgrass. *J. Econ. Entomol.* 100:431-439.
49. Prater CA\*, Redmond CT\*, Barney WE, Bonning B, Potter DA (2006) Microbial control of the black cutworm (Lepidoptera: Noctuidae) in turfgrass using *Agrotis ipsilon* multiple nucleopolyhedrovirus. *J. Econ. Entomol.* 99: 1129-1137
  50. Robbins, P.S. et al. 2006. Trapping *Phyllophaga* spp. (Coleoptera:Scarabaeidae:Melolonthinae) in the United States and Canada using sex attractants. *J. Insect Science* 6(39): 1-134 (one of numerous coauthors).
  51. Redmond CT\*, Potter DA (2006). Silicon fertilization does not enhance creeping bentgrass resistance to black cutworms or white grubs. *Applied Turfgrass Sci.* doi:10.1094/ATS-2006-1110-01-RS.
  52. Hubbard JL\*, Potter DA (2005) Life history and natural enemy associations of calico scale, *Eulecanium cerasorum* (Homoptera: Coccidae), in Kentucky. *J. Econ. Entomol.* 98: 1202-1212.
  53. Hubbard JL\*, Potter DA (2006) Managing calico scale (Hemiptera: Coccidae) infestations on landscape trees. *Arboriculture and Urban Forestry* 32: 138-147.
  54. Potter DA, Foss L†, Baumler RE†, Held DW\* (2005) Managing eastern tent caterpillars, *Malacosoma americanum* (F.), on horse farms to reduce risk of Mare Reproductive Loss Syndrome. *Pest Management Science* 61: 3-15
  55. Potter DA (2005) Prospects for managing destructive turfgrass insects without protective chemicals. *Internat. Turfgr. Soc. Res. J.* 10: 42-54.
  56. Potter DA, Held DW\*, Rogers ME\* (2005) Natural organic fertilizers as a risk factor for *Ataenius spretulus* infestation on golf courses. *Internat. Turfgr. Soc. Res. J.* 10: 753-760.
  57. Maier RM\*, Potter DA (2005). Factors affecting distribution of the mound-building turfgrass ant *Lasius neoniger* (Hymenoptera: Formicidae) and implications for management on golf course putting greens. *J. Econ. Entomol.* 98: 891-898.
  58. Maier RM\*, Potter DA (2005) Seasonal mounding, colony development, and control of nuptial queens of the ant *Lasius neoniger* in turfgrass. *Applied Turfgrass Sci.* Online: doi:10.1094/ATS-2005-0502-01-RS. May 2005.
  59. Rogers ME\*, Potter DA (2004) Potential for sugar sprays and flowering plants to increase parasitism of white grubs by tephid wasps (Hymenoptera: Tephidae). *Environ. Entomol.* 33: 619-26.
  60. Rogers ME\*, Potter DA (2004) Biology of *Tiphia pygidialis*, a parasitoid of masked chafer grubs with notes on the seasonal occurrence of *Tiphia vernalis* in Kentucky. *Environ. Entomol.* 33: 520-527.
  61. Potter DA (2004). Managing insect pests of sport fields: Problems and prospects. *Acta Horticulturae* 661: 449-461.
  62. Held DW\*, Potter DA (2004) Floral characteristics affect susceptibility of hybrid tea roses, *Rosa hybrida*, to Japanese beetles (Coleoptera: Scarabaeidae). *J. Econ. Entomol.* 97: 353-360.
  63. Held DW\*, Potter DA (2004) Floral affinity and benefits of dietary mixing with flowers for a polyphagous scarab, *Popillia japonica* Newman. *Oecologia* 140: 312-320.
  64. Rogers ME\*, Potter DA (2004) Preovipositional behaviors of *Tiphia pygidialis* and *Tiphia vernalis* (Hymenoptera: Tephidae), parasitoids of white grubs. *Ann. Entomol. Soc.* 97: 607-612.
  65. Rogers ME\*, Potter DA (2004) Biology and conservation of *Tiphia* wasps, parasitoids of turf-infesting white grubs. *Acta Horticulturae* 661: 205-210.
  66. Rogers ME\*, Cole T, Ramaswamy S, Potter DA 2003. Behavioral changes in Japanese beetle and masked chafer grubs following parasitism by tephid wasps. *Environ. Entomol.* 32: 618-625.
  67. Rogers ME\*, Potter DA (2003). Effects of spring imidacloprid application for white grub control on parasitism of Japanese beetle by *Tiphia vernalis*. *J. Econ. Entomol.* 96: 1412-1419
  68. Held DW\*, Gonsiska P†, Potter DA (2003). Evaluating companion planting and non-host masking

- odors for protecting roses from the Japanese beetle. *J. Econ. Entomol.* 96: 81-87.
69. Held DW\*, Potter DA (2003) Characterizing toxicity of *Pelargonum* spp. and two other reputedly toxic plant species to Japanese beetles. *Environ. Entomol.* 32: 873-880.
  70. Kreuger B\*, Potter DA (2003) Does early-season defoliation of crabapple (*Malus* sp.) by tent caterpillar induce resistance to Japanese beetles? *J. Entomol. Sci.* 38: 457-467.
  71. López R‡, Potter DA (2003) Biodiversity of ants (Hymenoptera: Formicidae) in golf course and lawn turf habitats in Kentucky. *Sociobiology* 42: 701-714.
  72. Stephens M†, Held DW\*, Prater C\*, Potter DA (2003) Timing of emergence of eastern tent caterpillars and management with reduced risk insecticides and treatment strategies. *Proc. 1<sup>st</sup> Symp. on Mare Reproductive Loss Syndrome*, pp. 92-96. D.G. Powell et al. (eds.); Univ. of KY, Lexington, SR-2003-1 (refereed).
  73. Leeson TM†, Potter DA (2003) Eastern tent caterpillar literature having potential relevance to managing Mare Reproductive Loss Syndrome. *Ibid.*; pp. 120-125.
  74. Potter DA, Held DW\* (2002) Biology and management of the Japanese beetle. *Annu. Rev. Entomol.* 47: 175-205.
  75. Rogers ME\*, Potter DA (2002) Kairomones from scarabaeid grubs and their frass as cues in below ground host location by the parasitoids *Tiphia vernalis* and *Tiphia pygidialis*. *Entomol. Exp. Appl.* 102: 307-314.
  76. Gels JA\*, Held DW\*, Potter DA (2002) Hazards of insecticides to bumblebees, *Bombus impatiens* Cresson foraging on flowering white clover in turf. *J. Econ. Entomol.* 95: 722-728.
  77. Rowe WJ\*, Potter DA, McNiel RE (2002) Susceptibility of purple versus green-leaved cultivars of woody landscape plants to the Japanese beetle. *HortScience* 37: 362-366.
  78. Miller GL, Stoetzel MB, Lopez R‡, Potter DA (2002) *Geoica setulosa* (Passerini) (Homoptera: Aphididae): New distribution records for North America. *Proc. Entomol. Soc. Wash.* 104: 160-163.
  79. Kreuger B\*, Potter DA (2001) Thermoregulation and diel feeding activity of Japanese beetles (Coleoptera: Scarabaeidae) within plant canopies. *Environ. Entomol.* 30: 172-180.
  80. Held DW\*, Eaton T†, Potter DA (2001) Potential for habituation to a neem based feeding deterrent in Japanese beetles, *Popillia japonica* Newman. *Entomol. Exp. Appl.* 101: 25-B32.
  81. Rogers ME\*, Held DW\*, Williams DW, Potter DA (2001) Effects of two plant growth regulators on suitability of creeping bentgrass for black cutworms and sod webworms. *Internat. Turf. Soc. Res. J.* 9: 806-809.
  82. Williamson CT\*, Potter DA (2001). Survival and development of black cutworm (Lepidoptera: Noctuidae) on creeping bentgrass cultivars. *Internat. Turfgrass Soc. Res. J.* 9: 810-813
  83. Bauerfeind RJ, Haynes KF, Potter DA (2000) Responses of three *Cyclocephala* species to hexane extracts of *Cyclocephala lurida* sex pheromone. *J. Kansas Entomol. Soc.* 72: 246-247.
  84. Lopez R‡, Held DW\*, Potter DA (2000) Management of a mound-building ant, *Lasius neoniger* Emery, on golf putting greens using delayed action baits or fipronil. *Crop Science* 40: 511-517.
  85. Rowe WJ\*, Potter DA (2000) Shading effects on susceptibility of roses, *Rosa* sp. to defoliation by Japanese beetles, *Popillia japonica* Newman. *Environ. Entomol.* 29: 503-508.
  86. López R‡, Potter DA (2000) Ant predation on eggs and larvae of the black cutworm and Japanese beetle in turfgrass. *Environ. Entomol.* 29: 116-125.
  87. Walston AT†, Held DW\*, Mason NR\*, Potter DA (2000) Absence of interaction between endophytic perennial ryegrass and susceptibility of Japanese beetle grubs to *Paenibacillus popilliae*. *J. Entomol. Sci.* 36: 105-108
  88. Kunkel BA\*, Held DW\*, Potter DA (2000) Lethal and sublethal effects of bendiocarb, halofenozide, and imidacloprid on *Harpalus pennsylvanicus* DeGeer (Coleoptera: Carabidae) following different modes of exposure in turfgrass. *J. Econ. Entomol.* 94: 60-67.

89. Eliason E\*, Potter DA (2000) Impact of whole-canopy and systemic insecticidal treatments on the horned oak gall wasp and associated parasitoids on pin oak. J. Econ. Entomol. 93: 165-171
90. Eliason E\*, Potter DA (2000) Dogwood borer (Lepidoptera: Sesiidae) infestation of stem galls induced by *Callirhytis cornigera* (Cynipidae) on pin oak. J. Econ. Entomol. 93: 757-762.
91. Eliason E\*, Potter DA (2000) Budburst phenology, plant vigor, and host genotype effects on the leaf-galling generation of *Callirhytis cornigera* (Cynipidae) on pin oak. Environ. Entomol. 29: 1199-07.
92. Eliason E\*, Potter DA (2000) Biology of *Callirhytis cornigera* (Hymenoptera: Cynipidae) and its associated gall community on pin oak. Environ. Entomol. 29: 551-559.
93. Eliason E\*, Potter DA (2000) Biology and management of the horned oak gall wasp. J. Arboric. 27: 92-100.
94. Eliason E\*, Potter DA (2000) Spatial distribution and parasitism of leaf galls induced by *Callirhytis cornigera* (Hymenoptera: Cynipidae) on pin oak in Kentucky. Environ. Entomol. 30: 280-87
95. Held DW\*, Potter DA, Gates RS, Anderson RG (2000) Controlled atmosphere anoxia treatments as a potential disinfestation technique for arthropod pests in greenhouses. J. Econ. Entomol. 94: 430-438.
96. Keathley CP\*, Potter DA, Houtz RL (1999) Freezing-altered palatability of Bradford pear to Japanese beetle: evidence for decompartmentalization and enzymatic degradation of feeding deterrents. Entomol. Exp. Appl. 90: 49-59.
97. Kunkel BA\*, Held DW\*, Potter DA (1999) Impact of halofenozide, imidacloprid, and bendiocarb on beneficial invertebrates and predatory activity in turfgrass. J. Econ. Entomol. 92: 922-930.
98. Potter DA, Held DW\* (1999) Absence of food-aversion learning by a polyphagous scarab, *Popillia japonica*, following intoxication by geranium, *Pelargonium × hortorum*. Entomol. exp. appl. 91: 83-89.
99. Loughrin JH‡, Potter DA, Hamilton-Kemp TR (1998) Attraction of Japanese beetles to host plant volatiles in field trapping experiments. Environ. Entomol. 27: 95-400.
100. Mason NR\* Potter DA, McNeil RE (1998) What factors affect twospotted spider mite populations on burning bush? S. Nurs. Assoc Res. J. 43: 179-182.
101. Potter DA, Spicer PG\*, Held DW\*, McNeil RE (1998). Relative susceptibility of cultivars of flowering crabapple, linden, and rose to defoliation by Japanese beetles. J. Environ. Hort. 16: 105-110.
102. Mussey GJ\*, Potter DA (1997) Phenological correlations between flowering plants and activity of urban landscape pests in Kentucky. J. Econ. Entomol. 90: 1615-1627.
103. Loughrin JH‡, Potter DA, Hamilton-Kemp TR, Byers ME (1997) Response of Japanese beetles to leaf volatiles of susceptible and resistant maple species. Environ. Entomol. 26: 334-342.
104. Loughrin JH‡, Potter DA, Hamilton-Kemp TR, Byers ME (1997) Diurnal emission of volatile compounds by Japanese beetle-damaged grape leaves. Phytochemistry 45: 919-923.
105. Williamson RC\*, Potter DA (1997) Oviposition of black cutworm (Lepidoptera: Noctuidae) on creeping bentgrass putting greens and removal of eggs by mowing. J. Econ. Entomol. 90: 590-594.
106. Williamson RC\*, Potter DA (1997) Turfgrass species and endophyte effects on survival, development, and feeding preference of black cutworms. J. Econ. Entomol. 90: 1291-1299.
107. Williamson RC\*, Potter DA (1997) Nocturnal activity and movement of black cutworms and response to cultural manipulations on golf course putting greens. J. Econ. Entomol. 90: 1283-89.
108. Loughrin JH†, Potter DA, Hamilton-Kemp TR, Byers ME (1996) Role of feeding-induced plant odors in aggregative behavior of the Japanese beetle. Environ. Entomol. 25: 1188-1191.
109. Potter DA, Powell AJ, Spicer PG\*, Williams DW (1996) Cultural practices affect root feeding

- white grubs (Coleoptera: Scarabaeidae) in turfgrass. J. Econ. Entomol. 89: 156-164.
110. Loughrin JH‡, Potter DA, Hamilton-Kemp TR, Byers ME (1996). Volatile compounds from crabapple (*Malus* spp.) cultivars differing in susceptibility to the Japanese beetle. J. Chem. Ecol. 22: 1295-1305.
  111. Rowe WJ\*, Potter DA (1996) Vertical stratification of feeding by Japanese beetles within linden tree canopies: selective foraging or height *per se*? Oecologia 108: 459-466.
  112. Spicer PG\*, Potter DA, McNeil RG (1995) Resistance of crabapple cultivars to defoliation by the Japanese beetle. J. Econ. Entomol. 88: 979-985.
  113. Loughrin J R‡, Potter DA, Hamilton-Kemp T (1995) Feeding-induced volatiles of *Malus* spp. leaves as aggregation kairomones for the Japanese beetle. J. Chem. Ecol. 21: 1457-1467.
  114. Potter DA, Loughrin JR‡, Rowe WJ\*, Hamilton-Kemp T (1995) Why do Japanese beetles defoliate trees from the top down? Entomol. Exp. Appl. 80: 209-212.
  115. Haynes KF, Potter DA (1995) Sexual response of a male scarab beetle to larvae suggests a novel evolutionary origin for a pheromone. American Entomologist 41: 169-175. (Invited Feature)
  116. Redmond CT\*, Potter DA (1995) Lack of efficacy of *in vivo*- and putatively *in vitro*-produced *Bacillus popilliae* against field populations of Japanese beetle grubs in Kentucky. J. Econ. Entomol. 88: 846-854.
  117. Crutchfield BA\*, Potter DA, Powell AJ (1995) Irrigation and fertilization effects on white grub feeding injury to tall fescue turf. Crop Science 35: 1122-1126.
  118. Crutchfield BA\*, Potter DA (1995) Damage relationships of Japanese beetle and southern masked chafer grubs in cool-season turfgrasses. J. Econ. Entomol. 88: 1049-1056.
  119. Crutchfield BA\*, Potter DA (1995) Tolerance of cool-season turfgrasses to feeding by grubs of the Japanese beetle and southern masked chafer. J. Econ. Entomol. 88: 1380-1387.
  120. Crutchfield BA\*, Potter DA (1995) Feeding by Japanese beetle and southern masked chafer on lawn weeds. Crop Sci. 35: 1681-1684.
  121. Davidson AW\*, Potter DA (1995) Response of plant-feeding, predatory, and soil-inhabiting invertebrates to *Acremonium* endophyte and nitrogen fertilization in tall fescue turf. J. Econ. Entomol. 88: 367-379.
  122. Haynes K, Potter DA (1995) Chemically-mediated sexual attraction of male *Cyclocephala lurida* and other scarabaeid beetles to immature stages. Environ. Entomol. 24: 1302-1306.
  123. Crutchfield BA\*, Potter DA (1994) Preferences of Japanese beetle and southern masked chafer (Coleoptera: Scarabaeidae) grubs among cool-season turfgrasses. J. Entomol. Sci. 29: 398-406.
  124. Harper C†, Potter DA (1994) Deterrence of neem-based insecticides to Japanese beetles on six preferred host plants. Proc. S. Nursery Assoc. Res. Conf. 39: 60-63.
  125. Potter DA, Spicer PG\*, Redmond CT\*, Powell AJ (1994). Toxicity of pesticides to earthworms in Kentucky bluegrass turf. Bull. Environ. Contam. Toxicol. 52: 176-181.
  126. Kreuger B\*, Potter DA (1994) Changes in saponins and tannins in ripening holly fruits and effects of fruit consumption on nonadapted insect herbivores. Amer. Midl. Nat. 132: 183-191
  127. Potter DA, Hartman JR (1993) Susceptibility of honeylocust cultivars to *Thyronectria austro-america* and response of *Agrilus* borers and bagworms to infected and non-infected trees. J. Environ. Hort. 11: 176-181.
  128. Gilmore SK‡, Potter DA (1993) Potential role of Collembola as biotic mortality agents for entomopathogenic nematodes. Pedobiologia. 37: 30-38.
  129. Potter DA (1993) Integrated insect management for turfgrasses: prospects and problems. Internat. Turfgrass Res. J. 7: 69-79.
  130. Johnson M, Potter DA, Gilmore G\* (1993) Suitability of juniper cultivars for survival and growth of the bagworm. J. Environ. Hort. 11: 167-170.
  131. Potter DA, Spicer PG\* (1993) Seasonal phenology, management, and host preferences of potato

- leafhopper on nursery-grown maples. *J. Environ. Hort.* 11: 101-106.
132. Potter DA, Yeorgan KY (1993) Night insect walks bring out the adventurous. *Am. Entomol.* 39: 70-71.
  133. Potter DA, Haynes KF (1993) Field testing pheromone traps for predicting masked chafer grub density in golf course turf and home lawns. *J. Entomol. Sci.* 28: 205-212.
  134. Ajlan AM\*, Potter DA (1992) Pathogen-activated induced resistance of tobacco: response of arthropod herbivores to systemically protected leaves. *Phytopathology* 82: 647-651.
  135. Kreuger B\*, Potter DA (1993) Fruit color in American holly: is red for warning or advertisement? *J. Amer. Holly Soc.* 11: 3-9.
  136. Terry LA†, Potter DA, Spicer PG\* (1993) Insecticides affect predatory arthropods and predation on Japanese beetle (Coleoptera: Scarabaeidae) eggs and fall armyworm (Lepidoptera: Noctuidae) pupae in turfgrass. *J. Econ. Entomol.* 86: 871-878.
  137. Potter DA (1992) Abundance and mortality of a specialist leafminer in response to experimental shading and fertilization of American holly. *Oecologia* 91: 14-22.
  138. Patterson CG‡, Potter DA (1991) Feeding deterrence of alkaloids from endophyte-infected grasses to Japanese beetle grubs. *Entomol. exp. appl.* 61: 285-289.
  139. Ajlan AM\*, Potter DA (1991) Does immunization of cucumber against anthracnose by *Colletotrichum lagenarium* affect host suitability for arthropods? *Entomol. exp. appl.* 58: 83-91.
  140. Monthean C\*, Potter DA (1991) Effects of RH5849, a novel insect growth regulator, on Japanese beetle and fall armyworms in turfgrass. *J. Econ. Entomol.* 85: 507-513.
  141. Potter DA, Braman SK (1991). Ecology and management of turfgrass insects. *Annu. Rev. Entomol.* 36: 383-406
  142. Potter DA, Patterson CG‡, Redmond CT\* (1991) Feeding ecology of Japanese beetle and southern masked chafer grubs (Coleoptera: Scarabaeidae): Influence of turfgrass species and tall fescue endophyte. *J. Econ. Entomol.* 85: 900-909.
  143. Haynes, KF, Potter DA, Collins JT† (1991). Attraction of male beetles to grubs: Evidence for evolution of a sex pheromone from larval odor. *J. Chem. Ecol.* 18: 1117-1124.
  144. Dunn JP\*, Potter DA (1991) Synergistic effects of oak volatiles with ethanol in the capture of saprophagous wood borers. *J. Entomol. Sci.* 26: 425-429.
  145. Dunn JP\*, Potter DA, Kimmerer TW (1990) Attraction of the twolined chestnut borer (Buprestidae) to scarlet oaks infected with chestnut blight fungus. *Environ. Entomol.* 19: 239-243.
  146. Dunn JP\*, Potter DA, Kimmerer TW (1990) Carbohydrate reserves, defense allocation, and mechanisms of resistance of oak to wood borer attack. *Oecologia* 83: 458-468.
  147. Dunn JP\*, Potter DA (1990) Can tree susceptibility to borers be predicted from root starch measurements? *J. Arboric.* 16: 236-239.
  148. Cox D\*, Potter DA (1990) Aerial dispersal behavior of the bagworm. *J. Arboric.* 16: 242-243
  149. Cockfield SD\*, Potter DA (1990) Impact of euonymus scale on plant growth and leaf abscission, and implications for differential site selection by male and female scales. *J. Econ. Entomol.* 83: 95-1001.
  150. Cockfield SD\*, Potter DA (1990) Patterns of damage to woody plants caused by armored scale insects: an example with euonymus scale. *J. Arboric.* 16: 239-241.
  151. Potter DA, Powell AJ, Smith MS (1990) Degradation of turfgrass thatch by earthworms and other soil invertebrates. *J. Econ. Entomol.* 83: 205-211.
  152. Potter DA., Buxton MC†, Redmond CT\*, Patterson CG‡, Powell AJ (1990) Toxicity of pesticides to earthworms and effect on thatch degradation in Kentucky bluegrass turf. *J. Econ. Entomol.* 83: 2362-2369.
  153. Apriyanto D\*, Potter DA (1990) Pathogen-activated induced resistance of cucumber: response

- of arthropod herbivores to systemically protected leaves. *Oecologia* 85: 25-31.
154. Potter DA, Jensen MP\*, Gordon FC\* (1989). Phenology and degree day relationships of the obscure scale and associated parasitoids in pin oak in Kentucky. *J. Econ. Entomol.* 82: 551-555.
  155. Potter DA, Kimmerer TW (1989) Inhibition of herbivory on young holly leaves: evidence for the defensive role of saponins. *Oecologia* 78: 322-329.
  156. Potter DA, Kimmerer TW (1989) Inhibition of herbivory on young holly leaves: evidence for the defensive role of saponins. *Oecologia* 78: 322-329.
  157. Potter DA, Redmond CT\* (1989) Early spring defoliation, secondary leaf flush, and leafminer outbreaks on American holly. *Oecologia* 81: 192-197.
  158. Dunn JP\*, Potter DA (1988) Evidence for sexual attraction by the twolined chestnut borer, *Agrilus bilineatus* Weber (Coleoptera: Buprestidae). *Can. Entomol.* 120: 1037-1039.
  159. Gordon FC\*. Potter DA (1988) Seasonal biology of the walnut scale, *Quadraspidiotus juglansregiae* and associated parasites on red maple. *J. Econ. Entomol.* 81: 1181-1185.
  160. Potter D A, Timmons GM\*, Gordon FC\* (1988). Flat-headed apple tree borer in nursery grown red maples: Phenology of emergence, treatment timing, and response to stressed trees. *J. Environ. Hort.* 6: 18-22.
  161. Potter DA, Kimmerer TW (1988) Do holly leaf spines really deter herbivory? *Oecologia* 75: 216-221
  162. Cox DL\*, Potter DA (1988) Within-crown distributions of male and female bagworm (Lepidoptera: Psychidae) pupae as affected by host defoliation. *Can. Entomol.* 120: 559-567
  163. Cockfield SD\*, Potter DA (1987) Distribution, development and feeding impact of euonymus scale on *Euonymus fortunei* under greenhouse conditions. *Environ. Entomol.* 16: 917-921.
  164. Cockfield SD\*, Potter DA, Houtz RL (1987) Chlorosis and reduced photosynthetic CO<sub>2</sub> assimilation of *Euonymus fortunei* infested with euonymus scale. *Environ. Entomol.* 16: 314-318.
  165. Kimmerer TW, Potter DA (1987) Nutritional quality of specific leaf tissues and selective feeding by a specialist leafminer. *Oecologia* 71: 548-551.
  166. Arnold TB\*, Potter DA (1987) Impact of a high maintenance lawn care program on non-target invertebrates in Kentucky bluegrass turf. *Environ. Entomol.* 16: 100-105.
  167. Dunn JP\*, Kimmerer TW, Potter DA (1987) Winter starch reserves of white oak as a predictor of attack by the twolined chestnut borer, *Agrilus bilineatus* (Weber) *Oecologia* 74: 352-355.
  168. Cockfield SD\*, Potter DA (1986) Interaction of euonymus scale feeding damage and severe water stress on leaf abscission and growth of *Euonymus fortunei*. *Oecologia* 71: 41-46.
  169. Potter DA, Kimmerer TW (1986) Seasonal allocation of defense investment in *Ilex opaca* Aiton and constraints on a specialist leafminer. *Oecologia* 69: 217-224.
  170. Cox DL\*, Potter DA (1986) Aerial dispersal behavior of the bagworm, *Thyridopteryx ephemeraeformis* (Lepidoptera: Psychidae). *Can. Entomol.* 118: 525-535.
  171. Gordon FC\*, Potter DA (1986) Evaluation of single and multiple trap arrangements for reducing defoliation in urban landscapes. *J. Econ. Entomol.* 79: 1381-1384
  172. Potter DA (1985) Population regulation of the native holly leafminer, *Phytomyza ilicicola* Loew (Diptera: Agromyzidae) on American holly. *Oecologia* 66: 599-505.
  173. Potter DA, Gordon FC\* (1985) Parasites associated with the native holly leafminer, *Phytomyza ilicicola* Loew on American holly in Kentucky. *J. Kans. Entomol. Soc.* 58: 727-730.
  174. Gordon FC\*, Potter DA (1985) Efficiency of Japanese beetle traps in reducing defoliation of plants in the urban landscape and effect on larval density in turf. *J. Econ. Entomol.* 78: 774-778.
  175. Nielsen DG, Potter DA, et al. (1985) Common street trees and their pest problems in the north central United States. *J. Arboric.* 11: 225-232.
  176. Potter DA., Bridges BL, Gordon FC \*(1985) Effect of nitrogen fertilization on earthworm



- and microarthropod populations in Kentucky bluegrass turf. *Agron. J.* 77: 367-372.
177. Johnson MC., Dahlman DL, Siegel MR, Bush LP, Latch GMC, Potter DA, Varney DR (1985) Insect feeding deterrents in endophyte-infected tall fescue. *Appl. Environ. Microbiol.* 49: 568-571.
  178. Cockfield SD\*, Potter DA (1985) Predatory arthropod communities in high and low maintenance turfgrass. *Can. Entomol.* 117: 423-429.
  179. Cockfield SD\*, Potter DA (1984) Predatory insects and spiders from suburban lawns in Lexington, Kentucky. *Great Lakes Entomol.* 17: 179-184.
  180. Cockfield SD\*, Potter DA (1984) Predation on sod webworm eggs as affected by chlorpyrifos application to turfgrass. *J. Econ. Entomol.* 77: 1542-1544
  181. Potter DA, Gordon FC\* (1984) Susceptibility of *Cyclocephala immaculata* eggs and immatures to heat and drought in turfgrass. *Environ. Entomol.* 13: 794-799.
  182. Potter DA (1983) Effect of soil moisture on oviposition, water absorption, and survival of masked chafer eggs. *Environ. Entomol.* 12: 1223-1227.
  183. Cockfield SD\*, Potter DA (1983) Short-term effects of insecticidal applications on predaceous arthropods and oribatid mites in Kentucky bluegrass turf. *Environ. Entomol.* 12: 1260-1264.
  184. Potter DA, Timmons GM\* (1983) Flight phenology of the dogwood borer (Lepidoptera: Sesiidae) and implications for control in *Cornus florida* L. *J. Econ. Entomol.* 76: 1069-1074.
  185. Potter DA, Anderson RG (1982) Resistance of ivy geraniums to the twospotted spider mite. *J. Amer. Soc. Hort. Sci.* 107: 1089-1092.
  186. Potter, DA, Timmons GM\* (1982) Forecasting emergence and flight of the lilac borer based on pheromone trapping and degree-day accumulations. *Environ. Entomol.* 12: 400-403.
  187. Potter DA, Timmons GM (1982) Biology and management of clearwing borers in woody plants. *J. Arboric.* 9: 145-150.
  188. Warren GW\*, Potter DA (1982) Pathogenicity of *Bacillus popilliae* (Cyclocephala strain) and other milky disease bacteria in grubs of the southern masked chafer (Coleoptera: Scarabaeidae). *J. Econ. Entomol.* 76: 69-73
  189. Timmons GM\*, Potter DA (1981) Influence of trap color on capture of male lilac borers with a synthetic pheromone. *Environ. Entomol.* 10: 756-59.
  190. Potter DA, Timmons GM\*(1981) Factors affecting predisposition of flowering dogwoods to attack by the dogwood borer. *Hortscience* 16(5): 677-79.
  191. Potter, D. A. 1981. Seasonal emergence and flight of northern and southern masked chafers in relation to air and soil temperatures and rainfall patterns. *Environ. Entomol.* 10: 793-97.
  192. Potter, D. A. 1981. Influence of feeding by grubs of the southern masked chafer on quality and yield of Kentucky bluegrass. *J. Econ. Entomol.* 75: 21-24.
  193. Jackson DW†, Vessels KJ†, Potter DA (1981). Resistance of selected cool and warm season turfgrasses to the greenbug. *Hortscience* 16(4): 558-59.
  194. Potter DA (1980) Flight activity and sex attraction of northern and southern masked chafers in Kentucky turfgrass. *Ann. Entomol. Soc. Am.* 73: 414-17.
  195. Potter DA (1981) Agonistic behavior in spider mites: factors affecting frequency and intensity of fighting. *Ann. Entomol. Soc. Am.* 74: 138-43.
  196. Potter DA, Wrensch DL, Johnson DE (1978) Interrupted matings and the effectiveness of second inseminations in the twospotted spider mite. *Ann. Entomol. Soc. Am.* 71: 882-85.
  197. Potter DA, Wrensch DL (1978) Functional sex ratio in the carmine spider mite. *Ann. Entomol. Soc. Am.* 71: 218-222.
  198. Potter DA, Johnston DE (1978) *Railiattia whartoni* sp. n. (Acari: Mesostigmata) from the Uganda kob. *J. Parasitology* 64: 139-142.
  199. Potter DA, Wrensch DL, Johnston DE (1976) Aggression and mating success in male spider

- mites. *Science* 193: 160-161.
200. Potter DA, Wrensch DL, Johnston DE (1976) Guarding, aggression, and mating success in male twospotted spider mites. *Ann. Entomol. Soc. Am.* 69:707-711
201. Potter DA, Johnston DE (1976) *Canestriniphis megalodacne* n.g., n.sp. (Acari: Eviphididae) from a pleasing fungus beetle, *Megalodacne heros*. *Ann. Entomol. Soc. Am.* 69: 494-496.

### **Invited Articles in National Trade Journals**

About 60; many with students as first author. These magazines typically have 10,000-40,000 subscribers; publishing in them brings our research directly to end-users. Examples of trade journals we publish in include *Golf Course Management*, *Grounds Maintenance*, *U.S. Golf Association Green Section Record*, *Lawn and Landscape Maintenance*, and others. Many of the articles are reprinted in European, Australian, and Asian trade journals bringing our work to practitioners world-wide.

### **College and Departmental Extension Publications**

About 10, mostly coauthored with Extension faculty, these extend our research to end-users