

Poster Session

1.

Authors:	F. Abdullah
Affiliation:	Institute of Biological Sciences, Faculty of Science, University Malaya 50603 Kuala Lumpur, Malaysia.
Title:	Beetle Fauna on islands in the Straits of Malacca

2.

Authors:	F. Abdullah ¹ , T. Hidaka, ² and K. Tabata ³
Affiliation:	¹ Institute of Biological Sciences, Faculty of Science, University Malaya, 50603, Kuala Lumpur, Malaysia ² Research Institute of Humanity and Nature, 335 Takashima-cho, Marutamachi-dori, Kawaramachi nishi-iru, Kamigyo-ku, Kyoto 602-0878, Japan ³ Kagamihara-shi, Sohara, Mikakino-cho 951-5, 504-0904, Gifu, Japan.
Title:	Male sex pheromone in <i>Monochamus alternatus</i> Hope (Coleoptera: Cerambycidae): Behavioral bioassay in wind tunnel

3.

Authors:	F. Abdullah and K. Shamsulaman
Affiliation:	Institute of Biological Sciences, Faculty of Science, University Malaya, 50603, Kuala Lumpur, Malaysia.
Title:	Beetle diversity in the mangrove swamps of Northeast Langkawi Islands, Malaysia

4.

Authors:	C.M. Allard, L.W. Burgess, and J. D. Culin
Affiliation:	Clemson University
Title:	Efforts Towards Mass Rearing and Release of <i>Laricobius nigrinus</i> (Coleoptera: Derodontidae)

5.

Authors:	D.N. Avtzis, W. Arthofer, and C. Stauffer
Affiliation:	Institute of Forest Entomology, Forest Pathology & Forest Protection, Department of Forest & Soil Sciences, Boku, University of Natural Resources & Applied Life Sciences, Vienna
Title:	Race differentiation among the European populations of <i>Pityogenes chalcographus</i> (Coleoptera, Scolytinae)

6.

Authors:	R.F. Billings
Affiliation:	Texas Forest Service. College Station, TX
Title:	Kenneth H. Wright, 1921-2002: In Memoriam

7.

Authors:	R.F. Billings
Affiliation:	Texas Forest Service. College Station, TX
Title:	Prevention of Southern Pine Beetle (<i>Dendroctonus frontalis</i>) Outbreaks in Texas: A State/Federal Partnership Benefits Private Landowners

8.

Authors:	M. Bohne, Z. Liu, E. Haunreiter, C. Ramirez, and L. Fischer
Affiliation:	USDA Forest Service, Pacific Southwest Region. Forest Health Monitoring
Title:	California Insect and Disease Database

9.

Authors:	N. Broderick ^{1,2} , K.F. Raffa ¹ , and J. Handelsman ³
Affiliation:	¹ Dept. Entomol, ² Microbiology Doctoral Training Program, ³ Dept. Plant Pathol University of Wisconsin, Madison WI
Title:	The Role of Gut Bacteria in Gypsy Moth Larval Susceptibility to <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i>

10.

Authors:	R Burnside ¹ , H Bucholdt ¹ , S Digweed ² , E Holsten ³ , J Kruse ³ , D Langor ² , CJK MacQuarrie ^{2,4*} , C Snyder ³ , J Spence ⁴
Affiliation:	¹ State of Alaska, Department of Natural Resources, Division of Forestry, Anchorage, Alaska, USA ² Natural Resources Canada, Canadian Forest Service, Northern Forestry Centre, Edmonton, Alberta, Canada ³ USDA Forest Service, State and Private Forestry, Forest Health Protection, Anchorage & Fairbanks, Alaska, USA ⁴ University of Alberta, Faculty of Agriculture, Forestry and Home Economics, Department of Renewable Resources, Edmonton, Alberta, Canada
Title:	Distribution and biological control of Ambermarked birch leafminer in Alaska

11.

Authors:	D. Charbonneau, F. Lorenzetti, F. Doyon, and Y Mauffette
Affiliation:	Université du Québec à Montréal (UQAM). Institut Québécois d'Aménagement de la Forêt Feuillue (IQAFF). Université du Québec en Outaouais (UQO)
Title:	Habitat usage of the forest tent caterpillar (Lepidoptera: Lasiocampidae) in North-Western Quebec

12.

Authors:	Z. Chen ¹ , M. A. Keena ² , and M. S. White ¹
Affiliation:	¹ Virginia Polytechnic Institute & State University, Department of Wood Science & Forest Products, 1650 Ramble Road, Blacksburg, VA 24060 . ² USDA-FS, Northeastern Center for Forest Health Research, Northeastern Research Station, 51 Mill Pond Rd., Hamden, CT 06514
Title:	Low-Pressure Vacuum Treatment as a Potential Alternative to Heat Treatment or Fumigation for Killing <i>Anoplophora glabripennis</i> in Solid Wood Packing Material

13.

Authors:	W. R. Cooper and L. K. Rieske-Kinney
Affiliation:	
Title:	The Effects of Jasmonate Dependent Defenses on the Asian Chestnut Gall Wasp, <i>Dryocosmus kuriphilus</i>

14.

Authors:	S. D. Costa ¹ , ² T. Baribault ² , and P. LaBranche ³
Affiliation:	¹ Plant and Soil Science, University of Vermont, Burlington, VT ² Forestry, Michigan State University, East Lansing, MI ³ Environmental Biology Program, Westfield State College, Westfield, MA
Title:	Inverse density-dependence in hemlock woolly adelgid (<i>Adelges tsugae</i>) dispersal at low population density

15.

Authors:	I. Deal ¹ , J. F. Grant ¹ , D. Palmer ² , J. R. "Rusty" Rhea ³ , G. Taylor ⁴ , and P. L. Lambdin ¹
Affiliation:	¹ Department of Entomology and Plant Pathology, The University of Tennessee, Knoxville, TN 37996-4560. ² New Jersey Department of Agriculture, Division of Plant Industry, Trenton, NJ 08628 . ³ U.S.D.A. Forest Service, Forest Health Protection, Asheville, NC 28804. ⁴ National Park Service, U.S.D.I., 107 Park Headquarters Road, Gatlinburg, TN 37738
Title:	Egg Releases of <i>Sasajiscymnus tsugae</i> to Enhance Biological Control Efforts Against the Hemlock Woolly Adelgid: Timing Is Crucial to Survival

16.

Authors:	G. K. Douce, D.J. Moorhead, C.T. Barger, and C.W. Evans
Affiliation:	The Bugwood Network, The University of Georgia, Tifton, GA 31793 USA.
Title:	Bark and Wood-boring Beetles of Living Trees

17.

Authors:	N. Dudley ¹ , J. Stein ² , T. Jones ¹ , N. Gillette ³ and S. Mori ³
Affiliation:	¹ Hawaii Agricultural Research Center, Aiea, HI 96701. ² USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, WV 26505. ³ USDA Forest Service, PSW Station, Berkeley, CA 94701
Title:	SEMIOCHEMICALS PROVIDE A DETERRENT TO THE BLACK TWIG BORER, <i>XYLOSANDRUS COMPACTUS</i> (COLEOPTERA: CURCULIONIDAE, SCOLYTINAE)

18.

Authors:	N. Erbilgin ¹ , N. Gillette ² , S. Mori ² , J. Stein ³ , J. Webster ⁴ , D. Owen ⁵ , D.L. Wood ¹
Affiliation:	¹ Division of Organisms and Environment, College of Natural Resources, University of California, Berkeley, California. ² USDA Forest Service, PSW Station, Berkeley, CA 94701. ³ USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, WV 26505. ⁴ Total Forestry, Anderson, California. ⁵ California Dept. of Forestry and Fire Protection, Redding, California.
Title:	Efficacy of Aerial Application of Verbenone Flakes for Tree Protection from Attack by Mountain Pine Beetle

19.

Authors:	C.J. Fettig, J.D. McMillin, J.A. Anhold, S. Hamud, R.R. Borys, C.P. Dabney and S.J. Seybold.
Affiliation:	
Title:	The effects of hazardous fuel reduction treatments in the wildland urban interface on the activity of conifer-infesting bark beetles in ponderosa pine stands

20.

Authors:	C.J. Fettig, S.R. McKelvey, C.P. Dabney, W.P. Shepherd, D.P.W. Huber, D.R. Cluck, and S.L. Smith.
Affiliation:	
Title:	Nonhost angiosperm volatiles and verbenone for disrupting western pine beetle attraction to pheromone baited traps and trees

21.

Authors:	R.W. Flowers, S.M. Salom and L.T. Kok
Affiliation:	Department of Entomology, Virginia Tech
Title:	Temporal and spatial activity patterns among three exotic predators of hemlock woolly adelgid, <i>Adelges tsugae</i> (Hemiptera: Adelgidae)

22.

Authors:	J. L. Foltz ¹ , A. E. Mayfield III ² , J. M. Eickwort ² , and J. Leavengood ¹
Affiliation:	¹ University of Florida, Dept of Entomology & Nematology ² Florida Department of Agriculture and Consumer Services, Division of Forestry
Title:	Redbay Wilt and Redbay Ambrosia Beetle Discovered in Northeast Florida

23.

Authors:	S. W. Fraedrich ¹ , R. J. Rabaglia ² and T. C. Harrington ³
Affiliation:	¹ USDA Forest Service, Southern Research Station, Athens, GA 30602; ² USDA Forest Service, Forest Health Protection, 1601 N. Kent St, RPC7, Arlington, VA 22209; ³ Department of Plant Pathology, Iowa State University, Ames, IA 50011
Title:	AN <i>OPHIOSTOMA</i> SPECIES AND <i>XYLEBORUS GLABRATUS</i> THREATEN RED BAY AND OTHER MEMBERS OF THE LAURACEAE IN THE SOUTHEASTERN US

24.

Authors:	N. Friedenber ¹ , M. Ayres ¹ , and J. Powell ²
Affiliation:	¹ Department of Biology, Dartmouth College, Hanover, NH 03755 ² Department of Mathematics and Statistics, Utah State University, Logan, UT 84322
Title:	Emergent Allee effects in multivoltine bark beetles: the interaction of threshold aggregation behavior with stage structure and predation

25.

Authors:	N. Gillette ¹ , M. Hansen ² , S. Mori ¹ , J. Webster ³ , N. Erbilgin ⁴ , and J. Stein ⁵
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Title:	Verbenone-Releasing Flakes Protect Whitebark Pine from Attack by Mountain Pine Beetle

26.

Authors:	K. W. Gottschalk ¹ and A.W. Courter ²
Affiliation:	¹ USDA Forest Service, Morgantown, WV 26505. ² USDA Forest Service, Forest Health Technology Enterprise Team, Ft. Collins, CO
Title:	The Gypsy Moth Event Monitor for FVS: A Tool for Forest and Pest Managers

27.

Authors:	J. F. Grant ¹ , I. Deal ¹ , J. R. "Rusty" Rhea ² , T. Remaley ³ , G. J. Wiggins ¹ , and P. L. Lambdin ¹
Affiliation:	¹ Department of Entomology and Plant Pathology, The University of Tennessee, Knoxville, TN 37996-4560. ² U.S.D.A. Forest Service, Forest Health Protection, Asheville, NC 28804. ³ National Park Service, U.S.D.I., 107 Park Headquarters Road, Gatlinburg, TN 37738
Title:	Life Cycle of the Hemlock Woolly Adelgid, <i>Adelges tsugae</i> Annand, in the Great Smoky Mountains National Park

28.

Authors:	A. D. Graves, E. H. Holsten, M. E. Ascerno, D.P.W. Huber, and S.J. Seybold
Affiliation:	
Title:	Protection of Lutz spruce in Alaska from attack by <i>Ips perturbatus</i> (Coleoptera: Scolytidae) using semiochemicals and methyl jasmonate

29.

Authors:	D. M. Grosman, W. W. Upton and J. C. Helvey,
Affiliation:	Texas Forest Service, Forest Pest Management, Lufkin, TX.
Title:	Fipronil treatments provide extended protection of pine seedlings from pine tip moth.

30.

Authors:	R. Hamilton ¹ , K. Megown ¹ , J. Ellenwood ² , K. Allen ³ , and T.Eager ⁴
Affiliation:	¹ Remote Sensing Applications Center USDA, Forest Service/RedCastle Resources Salt Lake City, UT. ² USDA Forest Service Forest, Health Technology Enterprise Team (FHTET) Fort Collins, CO. ³ USDA Forest Service Forest, Health Management Rocky, Mountain Region Rapid City, SD
Title:	A Rapid and Cost-effective Method to Assess Spruce/Fir Mortality across Large Areas

31.

Authors:	¹ C. Hayes, ¹ T. DeGomez, ² J. McMillin, and ² J. Anhold
Affiliation:	¹ Univ. of Arizona, ² USDA Forest Service, Reg. ³ Forest Health Protection
Title:	Effects of season of cut and overstory density on <i>Ips</i> spp. utilization of logging slash in ponderosa pine in the Southwest

32.

Authors:	¹ C. Hayes, ¹ T. DeGomez, ² J. McMillin, ² J. Anhold, ³ M. Wagner, and ⁴ C. Edminster
Affiliation:	¹ Univ. of Arizona, ² USDA Forest Service, Reg. ³ Forest Health Protection, ³ NAU School of Forestry, ⁴ Rocky Mtn. Res. Stn.
Title:	Use of verbenone and non-host volatiles to reduce engraver beetle attack on ponderosa pine in Arizona

33.

Authors:	¹ J.F. Hicke and ² J. Loggan
Affiliation:	¹ Colorado State University, Fort Collins, CO, USA, ² USDA Forest Service, Logan UT USA
Title:	Monitoring and forecasting mountain pine beetle outbreaks in high-elevation whitebark pine forest

34.

Authors:	R. W. Hofstetter ¹ , J. Mahfouz ² , J. Moan ³ , and C. Edminster ⁴
Affiliation:	¹ School of Forestry, Northern Arizona University, Flagstaff AZ 86011, USA ² USDA Forest Service, Southern Research Station, Pineville LA 71360, USA ³ Analytical Chemistry Lab, Northern Arizona University, Flagstaff AZ 86011, USA ⁴ USDA Forest Service, Rocky Mountain Research Station, Flagstaff, AZ 86001, USA
Title:	Can high phenotypic and genotypic diversity of <i>Pinus ponderosae</i> regulate bark beetle populations?

35.

Authors:	R. W. Hofstetter ¹ , E. Aldan ¹ , J. C. Moser ² , B. D. Ayres ³ , and B. E. Steed ⁴
Affiliation:	¹ School of Forestry, Northern Arizona University, Flagstaff AZ 86011, USA ² USDA Forest Service, Southern Research Station, Pineville LA 71360, USA ³ Great Lakes Institute for Pine Ecosystem Research, Colfax, WI 54730 USA ⁴ USDA Forest Health Protection, Ogden, UT 84403
Title:	Regional differences in phoretic mites associated with the bark beetle <i>Ips pini</i>

36.

Authors:	J. M. Jacobs ¹ , T.T. Work ² , and J. R. Spence ¹
Affiliation:	¹ Department of Renewable Resources, University of Alberta, T6G2E3, Canada. ² Departement des Sciences Biologiques Universite du Quebec a Montreal, H3P 3P8 Canada.
Title:	Resistance and resilience of Carabid communities to variable retention harvesting.

37.

Authors:	R. M. Jetton, W. A. Whittier, M. E. Tighe, W. S. Dvorak, and J."Rusty" Rhea
Affiliation:	
Title:	<i>Ex-situ</i> Gene Conservation of Carolina Hemlock, <i>Tsuga caroliniana</i> , in the Southern Appalachian Mountains

38.

Authors:	E. Johnson ¹ , T. McConnell ² , J. Paschke ³
Affiliation:	¹ Health Protection USDA, Forest Service Rocky Mountain region. ² Forest Health Protection USDA Forest Service Washington Office. ³ Forest Health Technology Enterprise Team Fort Collins, Colorado
Title:	A Comparison of Six Aerial Observers

39.

Authors:	N Kaur, J. Strider, A. Cohen, and F. Hain
Affiliation:	
Title:	The Guts of <i>Adelges tsugae</i> and <i>Adelges piceae</i>

40.

Authors:	M. B. KELLEY, S.W. WINGARD, A. L. SZALANSKI, F. M. TEPHEN, AND L. D. GALLIGAN
Affiliation:	
Title:	MOLECULAR DIAGNOSTICS OF <i>ENAPHALODES RUFULUS</i> (COLEOPTERA: CERAMBYCIDAE)

41.

Authors:	Matti J. Koivula
Affiliation:	Department of Renewable Resources, University of Alberta, Edmonton AB, T6G 2E3, Canada
Title:	Burn severity, salvage logging and boreal post-fire forest diversity

42.

Authors:	T.E. Kolb ¹ , D.F. Koepke ²
Affiliation:	¹ School of Forestry, Northern Arizona University, Flagstaff, Arizona. ² School of Forestry, Northern Arizona University, Flagstaff, Arizona
Title:	A Tree-Centered Mechanistic Basis for Drought-Induced Bark Beetle Outbreaks in Arizona

43.

Authors:	F. J. Krist Jr.
Affiliation:	USDA Forest Service, Forest Health Technology Enterprise Team, 2150 Centre Ave., Bldg. A., Suite 331, Fort Collins, CO, USA 80526-1891
Title:	A Multi-Criteria Framework for Producing Local, Regional, and National Insect and Disease Risk Maps

44.

Authors:	A. B. Lamb, T. Dellinger, S. M. Salom, L.T. Kok and T. J. McAvoy
Affiliation:	Department of Entomology, Virginia Tech, 216 Price Hall, Blacksburg, VA 24061
Title:	The Japanese <i>Laricobius</i> : Recently Discovered And Imported To The U.S. As A Potential Biological Control Agent For HWA

45.

Authors:	J. C. Lee, P. Jiros, S. Hamud, M. L. Flint, S. J. Seybold
Affiliation:	Department of Entomology, Virginia Tech, 216 Price Hall, Blacksburg, VA 24061
Title:	An attractant bait for the invasive Mediterranean pine engraver

46.

Authors:	M. Lubinski ¹ , D. Penrose ¹ , R. Saunders ² and . Bohne ³
Affiliation:	¹ California Department of Food and Agriculture ² Sacramento County Agricultural Commissioners Office ³ USDA Forest Service, Forest Health Protection
Title:	Response to an Asian Longhorned Beetle, <i>Anoplophora glabripennis</i> , Detection In Sacramento, California

47.

Authors:	A. E. Mayfield III and D. C. Allen
Affiliation:	
Title:	Dr. John B. Simeone (1919-2005) Forest entomologist and pioneer in chemical ecology

48.

Authors:	¹ B. A. McPherson, ² N. Erbilgin, ² D.L. Wood, ³ P. Svihra, ⁴ A. J. Storer, and ¹ R. B. Standiford
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Title:	The attraction of saprotrophic ambrosia and bark beetles (Coleoptera: Scolytidae) to coast live oaks (<i>Quercus agrifolia</i>) infected by <i>Phytophthora ramorum</i>

49.

Authors:	J. Meeker, W. Ross, B. Strom and W. Johnson
Affiliation:	
Title:	Attracting and Trapping Native and Non-Native Siricids (Woodwasps) in Louisiana, U.S.A.

50.

Authors:	D. Miller, C. Crowe and C. Asaro
Affiliation:	Texas Forest Service. College Station, TX
Title:	Ips pheromones attract southern sawyer beetles and southern pine engravers

51.

Authors:	D. Miller and C. Crowe
Affiliation:	Texas Forest Service. College Station, TX
Title:	Flight responses of root-feeding weevils to baited funnel traps in Florida

52.

Authors:	D. Miller and C. Crowe
Affiliation:	Texas Forest Service. College Station, TX
Title:	Attraction of ambrosia beetles to ethanol and (-)- α -pinene in the South

53.

Authors:	S. Mori
Affiliation:	USDA FS, PSW Research Station, Berkeley, CA
Title:	Optimizing efficacy of experimental design in beetle trapping experiments

54.

Authors:	J.C. Moser ¹ , H. Konrad ² , T. Kirisits ² ,
Affiliation:	¹ USDA Forest Service, Southern Research Station, Pineville, Louisiana, USA.; ² Institute of Forest Entomology, Forest Pathology, and Forest Protection (IFFF), Department of Forest and Soil Sciences, BOKU – University of Natural Resources and Applied Life Sciences, Vienna, Austria.
Title:	PHORETIC MITES THAT DRIVE DUTCH ELM DISEASE

55.

Authors:	L. Newton, F. Hain, J. Frampton
Affiliation:	North Carolina State University
Title:	Host Resistance to Balsam Woolly Adelgid in an IPM Strategy for Christmas Trees

56.

Authors:	F.Oliveria, V. Peacher, J. Meeker, J. Smith, J. Adams, A. Courter, R. Coulson, M. Tchakerian, S. Petty, D. Twardus, G. Hertel, T. Rogers
Affiliation:	
Title:	Southern Pine Beetle Information System Since the Beginning

57.

Authors:	O. Pechanova ¹ , T. E. Nebeker ² , K. D. Klepzig ³ , C. Yuceer ⁴
Affiliation:	¹ Mississippi State University, Department of Forestry, PO Box 9681, MS 39762, ² Mississippi State University, Department of Entomology and Plant Pathology, PO Box 9775, MS 39762, ³ USDA Forest Service, Southern Research Station (SRS-4501), 2500 Shreveport Highway, Pineville, LA71360. ⁴ Mississippi State University, Department of Forestry, PO Box 9681, MS 39762.
Title:	PROTEOMICS APPROACH FOR IDENTIFYING MOLECULAR TARGETS IN THE SOUTHERN PINE BARK BEETLE MYCANGIAL GLANDS

58.

Authors:	M. Pernek, B. Hrašovec
Affiliation:	
Title:	RECENT BARK BEETLE RELATED PROBLEMS IN CROATIA WITHIN THE WIDER EUROPEAN SCALE

59.

Authors:	H. A. Petrillo and J. A. Witter
Affiliation:	School of Natural Resources and Environment, University of Michigan, Ann Arbor
Title:	All wood is not created equal: Importance of wood quantity and decay stage for carabid beetles (Coleoptera: Carabidae)

60.

Authors:	S. D. Petty
Affiliation:	Forest Service Forest Health Protection Pineville, LA
Title:	The Use of Mobile Mapping Technology to Automate Surveying and Monitoring Southern Pine Beetle Infestations: Development and Implementation

61.

Authors:	D. Pureswaran ¹ , T. Poland ² , G. Grant ³ , L. Buchan ³ and J. Miller ¹
Affiliation:	¹ Department of Entomology, Michigan State University, East Lansing, MI 48824, USA ² USDA Forest Service, North Central Research Station, East Lansing, MI 48823, USA ³ Natural Resources Canada, Canadian Forest Service, Sault Ste. Marie, ON P6A 2E5, Canada
Title:	Host and mate location in the emerald ash borer, <i>Agrilus planipennis</i> Fairmaire – Towards understanding ecology to identify potential field attractants

62.

Authors:	C. Robinet ^{1,2} & A. Roques ¹
Affiliation:	¹ INRA – Station de Zoologie Forestière – Avenue de la Pomme de Pin – Ardon – 45166 Olivet – France, ² <i>present address:</i> Northeastern Research Station – USDA Forest Service – 180 Canfield St.– Morgantown – WV26505 – USA
Title:	MODELLING THE PINE PROCESSIONARY MOTH RANGE EXPANSION IN THE PARIS BASIN

63.

Authors:	K. S. Shields ¹ , R. T. Trotter, III ¹ , C. A. S-J. Cheah ²
Affiliation:	¹ USDA Forest Service, Northeastern Center for Forest Health Research, Hamden, CT ² The Connecticut Agricultural Experiment Station, Valley Laboratory, Windsor, CT
Title:	Climatic Variables Can Determine the Ultimate Distribution of Hemlock Woolly Adelgid in Eastern North America

64.

Authors:	T. L. Shore ¹ , A. Fall ² and B. G. Riel ¹
Affiliation:	¹ Natural Resources Canada, Canadian Forest Service, 506 W. Burnside Rd., Victoria BC Canada V8Z 1M5 ² Gowlland Technologies Ltd., 220 Old Mossy Rd., Victoria BC Canada V9E 2A
Title:	Modeling the Eastern Spread of the Mountain Pine Beetle in Canada

65.

Authors:	N.W. Siegert ¹ , D.G. McCullogh ¹ , A.W. Liebhold ² , and F.W. Telewski ³
Affiliation:	¹ Depts. Of Entomology & Forestry, Michigan State University, 243 Natural Science Bldg. East Lansing, MI 48824-1115. ² USDA Forest Service, Northeastern Research Station, 180 Canfield Street, Morgantown WV 26505. ³ Dept. of Plant Biology, Michigan State University, 166 Plant Biology Bldg., East Lansing, MI, 48824-1312
Title:	Modeling the spread of isolated emerald ash borer populations

66.

Authors:	N.W. Siegert ¹ , D.G. McCullogh ¹ , A.W. Liebhold ² , and F.W. Telewski ³
Affiliation:	¹ Depts. Of Entomology & Forestry, Michigan State University, 243 Natural Science Bldg. East Lansing, MI 48824-1115. ² USDA Forest Service, Northeastern Research Station, 180 Canfield Street, Morgantown WV 26505. ³ Dept. of Plant Biology, Michigan State University, 166 Plant Biology Bldg., East Lansing, MI, 48824-1312
Title:	Resurrected from the ashes: A historical reconstruction of emerald ash borer dynamics through dendrochronological analyses

67.

Authors:	A. Smith ¹ , D. A. Herms ¹ , and R. Long ²
Affiliation:	¹ Department of Entomology, Ohio Agricultural Research and Development Center The Ohio State University, 1680 Madison Ave. Wooster, OH 44691. ² USDA Forest Service, Northeastern Research Station 359 Main Rd. Delaware, OH 43015
Title:	Ecological impacts of emerald ash borer on forest communities in the Huron River Watershed of Southeast Michigan

68.

Authors:	J. D. Smith ¹ , W. B. Bruce ¹ , W. Johnson ¹
Affiliation:	¹ USDA Forest Service, Forest Health Protection (Southern Region, Alexandria Field Office)
Title:	Mortality of <i>Quercus phellos</i> L. (willow oak) Due to Galling by <i>Callirhytis cornigera</i> (Olsen Sacken) (horned oak gall) in the Ouachita River Floodplain (Southeastern Arkansas, Northeastern Louisiana)

69.

Authors:	K. W. Sprenkel, J. L. Johnson, B. B. Hostetler, K. Mellen, E. Willhite, Elizabeth
Affiliation:	USDA Forest Service
Title:	Estimating Snag Densities Using Aerial Survey Data

70.

Authors:	J. Stein ¹ , R. Acciavatti ¹ , and N. Erbilgin ²
Affiliation:	¹ USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, WV 26505. ² Division of Organisms and Environment, University of California, Berkeley, CA 94720
Title:	CONIFER WOODWASPS OF WEST VIRGINIA: SEASONAL OCCURRENCE AND RESPONSE TO SEMIOCHEMICALS

71.

Authors:	B. Strom ¹ , P. Shea ² , D. Karsky ³ , J. Meeker ¹ and H. Maget ⁴
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Title:	Development and evaluation of an improved releaser for bark beetle semiochemicals

72.

Authors:	B.S. Sullivan ¹ and K. Mori ²
Affiliation:	¹ USDA Forest Service Southern Research Station, Pineville, LA ¹ Institute of Chemical and Physical Research, Higashyamato-Shi, Tokyo, Japan
Title:	Spatial separation of release points enhances the synergy of two aggregation pheromone components of the SPB, <i>Dendroctonus frontalis</i> .

73.

Authors:	B. T. Sullivan ¹ , W. P. Shephard ¹ , D. Pureswaran ² , and K.Mori ³
Affiliation:	¹ USDA Forest Service Southern Research Station, Pineville, Louisiana, USA. ² Department of Entomology, Michigan State University, East Lansing, Michigan, USA. ³ Institute of Chemical and Physical Research, Higashyamato-Shi, Tokyo, Japan.
Title:	(+)- <i>endo</i> -Brevicommin is a Male-Produced Component of the Aggregation Pheromone of the Southern Pine Beetle, <i>Dendroctonus frontalis</i> .

74.

Authors:	S.A Teale, S. Letkowski, G. Matusick, D. Diehl, D. Moore, S. Stehman, J.D. Castello
Affiliation:	College of Environmental Science and Forestry State University of New York Syracuse, NY
Title:	Digital image and regression analysis to quantify viable beech scale

75.

Authors:	P. C. Tobin ¹ , K. W. Thorpe ² , K. Tcheslavskaja ³ , and L. M. Blackburn ¹
Affiliation:	¹ United States Department of Agriculture, Forest Service, Northeastern Research Station, 180 Canfield Street, Morgantown, WV . ² United States Department of Agriculture, Agricultural Research Service, Insect Biocontrol Laboratory, Room 319, Beltsville, MD. ³ Department of Entomology, Virginia Polytechnic Institute and State University, 202 Price Hall, Blacksburg, VA
Title:	Persistence of disparlure following the use of mating disruption treatments against gypsy moth

76.

Authors:	P. C. Tobin ¹ , S. L. Whitmire ² , D. M. Johnson ³ , A. M. Liebhold ¹ , and O. N. Bjørnstad ⁴
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Title:	The role of spatially-explicit Allee effects in invading gypsy moth populations

77.

Authors:	R. T. Trotter III ¹ , M. Montgomery ¹ and W. Lu ²
Affiliation:	¹ United States Department of Agriculture, Forest Service, Northeastern Research Station, Hamden Connecticut ² University of Massachusetts, Amherst Massachusetts.
Title:	Estimating Host Distributions for Use in Foreign Exploration for Biological Control Agents

78.

Authors:	A. Vasanthakumar ¹ , J. Handelsman ² , and K.F. Raffa. ¹
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Title:	Gut Microflora of a Wood-Boring Invasive Insect, the Emerald Ash Borer

79.

Authors:	M. R. Wagner ¹ , K. M. Clancy ² , K. F. Raffa ³
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80.

Authors:	K. Wallin, G. Kohler, T. Latty, and D. Ross
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Title:	Host tree-HWA location behavior of a predator, <i>Laricobius nigrinus</i> Fender (Coleoptera: Derodontidae)

81.

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Title:	Spatial patterns in growth rates of invading gypsy moth populations

82.

Authors:	J. D. Wickham and S. A. Teale
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Title:	Volatile profiles of hosts vs. non-hosts of the Asian Longhorn beetle, <i>Anoplophora glabripennis</i> (Coleoptera: Cerambycidae)

83.

Authors:	Y. Wu ¹ , R. Reardon ¹ , D. Binion ¹ , H. Zheng ² , J. Ding ² , W. Fu ²
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Title:	Invasive Plants Established in the United States that are Found in Asia and Their Natural Enemies