ALL P-IE SECTION AFTERNOON

Monday, December 13, 2010
1:30 PM – 6:05 PM
Town & Country Room
ALL P-IE SECTION AFTERNOON
Welcome

Paul W. Borth
1:30 PM
A hearty WELCOME to all P-IE Members
And those soon-to-be P-IE Members!

AGENDA REVIEW
Welcome P-IE Members and others!

- Plant-Insect Ecosystems “Plenary”
  - Session I: Invasive Species & EntoDiversity
    • 1:30 PM – 4:25 PM
  - Break with Complimentary Pie, Refreshments, and Cash Bar
    • 4:25 PM – 4:50 PM
Welcome P-IE Members and others!

- **Plant-Insect Ecosystems “Plenary”**
  - Session II: Year 3, P-IE Affairs
    - 4:50 PM – 6:00 PM
  - Concluding Remarks
    - 6:00 PM – 6:05 PM
  - Give-Away Meeting Memorabilia
P-IE Give-Aways

After Session II
Invasive Insects and EntoDiversity

An Invasion of Invasive Species Experts

2010 ESA Annual Meeting, San Diego, California

Session I: Invasive Insects and EntoDiversity

Session II: Invasive Insects and EntoDiversity

Session III: Invasive Insects and EntoDiversity
Thanks for Meeting Memorabilia

- *Invasive Insect & EntoDiversity posters*
  - “Collectible Set” in spite of a few aspect ratio issues
  - www.bugwood.org photographers and others
    - UGA Center for Invasive Species and Ecosystem Health
    - Melissa Willrich Siebert, P-IE Secretary

- *Poster Protective Tubes*
  - Doris Paroonagian & Dow AgroSciences’ Growth Insecticide Business

- *Josh Temple and his P-IE Student Volunteer Team*
2010 P-IE Section Volunteers

- Committed
- Selfless
- Accountable
- Persistent

Photo Tribute to over 60 P-IE members
  – Plus >125 P-IE Moderators & Judges
  – Plus ESA’s 2010 Awardees from P-IE

THANK YOU!
Session I: Invasive Species and EntoDiversity
Why the “Invasives” theme?

Pervasive throughout entire meeting:

- 10 Symposia
- Countless TMPs & Posters
- Tuesday, 7:30 pm “How Can I Help?”
  - The Nature Conservancy
  - Pacific Salon 2, p. 30 Program Book, Daily Schedule

“An Invasion of Invasive Species Experts”
Why the “Invasives” theme?

- P-IE sponsorship
  - National Invasive Species **Awareness** Week
    - January 10 – 14, 2010
  - National Invasive Species **Advocacy** Week
Why the “Invasives” theme?

- Cuts across all major P-IE member sub-groups
  - Ecologists
  - Cooperative Extension program areas
  - Agriculturalists
Why the “Invasives” theme?

- Makes an engaging, academically enriched, and politically charged topic
  - What’s the best practice for managing invasive insects?
    - Early Detection, Rapid Response
      - Or not ?!
  - Should we even try?
  - P-IE Members can and should make a difference!
Look Closely! A field day for one-liners!

- More to the Invasives issue than meets the eye.
- If you eradicate one, how many more will take its place?
- In the shadow of the high profile invasives are hundreds that haven’t made it to the big time yet.
- Will the money we’ve spent on the few really make a difference in the long run?
- For the one specimen that inspectors find, how many more go unnoticed?
Science Session Organization

- Four invited speakers
  - John Peter Thompson
  - Mark Davis
  - Doug Tallamy
  - Marc Fisher

- Audience response, Q&A, Dialogue

Please hold all questions/comments until the end
John Peter Thompson

- Invasive Species, Sustainability & Ecosystems Group
- Invasive Species Advisory Committee, 3-5
  - ISAC is a group of non-federal experts and stakeholders established and mandated by Executive Order (EO) 13112 to provide advice to The National Invasive Species Council (NISC) on invasive species-related issues.
- Speaker for NISAW 2010
  - Used insects as examples in a setting dominated by invasive weed experts
Invasive Species Definitions, History & Philosophies: Perspectives & Considerations

or

Invasive Species: Naturally Philosophical

John Peter Thompson

1:45 PM – 2:10 PM
Mark Davis

- DeWitt Wallace Professor and Chair of Biology, Macalester College, St. Paul, MN
- Intriguing Reviews:
  - “…[is] an iconoclastic argument that much of the field’s conventional wisdom is wrong, that biologists are more swayed by their emotions about invasive species than they care to admit…” Emma Marris, *Nature*
  - “… will…challenge young scientists the most and either irritate senior scientists or have them jumping for joy …” Julie Lockwood, *Biological Invasions*
Managing Invasive Species: The Adaptation-Eradication Continuum

Mark Davis

2:10 PM – 2:45 PM
Douglas W. Tallamy

- Professor and Chair, Department of Entomology and Wildlife Ecology, University of Delaware
- Invasive Species Advisory Committee, 5-6
- University of Maryland alum
Food Web Collapse: The Neglected Consequences of Alien Plant Invasions

Doug Tallamy

2:45 PM – 3:20 PM
Marc Fisher

- **District Sales Manager, Dow AgroSciences (DAS)**
- **Formerly**
  - DAS Field Research Center Leader, Fresno, CA
  - Principal & Development Biologist, Urban Pest Management, Mid-Atlantic U.S.
- **Draws on diverse applied entomology career:** Urban Pest R&D, Agriculture R&D, Commercial AgChem
Aliens, Bureaucracy, and Costs: the ABC’s of Invasive Species in Agriculture

Marc Fisher

3:20 PM – 3:55 PM
Pulling it all together: How can ESA P-IE make a difference?

Audience Response, Q&A, Dialogue
3:55 PM – 4:25 PM
John Peter Thompson, Facilitator/Moderator
TOMORROW …

How Can I Help?

Faith Campbell, The Nature Conservancy
Tuesday, 7:30 pm
Pacific Salon 2
p. 30, Program Book, Daily Schedule
Break & Refreshments

4:25 PM – 4:50 PM

4:50 PM Session II, More P-IE

6:05 PM Give Aways (STAY ‘TIL THE END)
Session II: More P-IE

Year 3, P-IE Affairs
4:50 PM – 6:05 PM
President’s Call to Order

Paul W. Borth, President

Plant-Insect Ecosystems Section
2010 P-IE Governing Council

- Paul Borth, President
- Rogers Leonard, Vice President
- Bonnie Pendleton, Vice President-Elect
- Bill Hutchison, Past President
- Lisa Neven, Treasurer
- Melissa Willrich Siebert, Secretary
- Josh Temple, Student Representative
P-IE Give-Aways

After Session II
Thanks for Meeting Memorabilia

- **Invasive Insect & EntoDiversity posters**
  - “Collectible Set” in spite of a few aspect ratio issues
  - www.bugwood.org photographers and others
    - UGA Center for Invasive Species and Ecosystems Health
  - Melissa Willrich Siebert, P-IE Secretary

- **Poster Protective Mailing Tubes**
  - Doris Paroonagian & Dow AgroSciences’ Growth Insecticide Business

- **Josh Temple and his P-IE Student Volunteer Team**
It takes Volunteers ...

- 127 Volunteer Moderators/Judges for 2010
- xxx Volunteers needed for P-IE Sessions in 2011
  - Search out a 2011 Reno P-IE Volunteer Clipboard and get on the list!
Year 3, 2010 P-IE Section Initiatives

Paul Borth
Year 3, 2010 P-IE Initiatives

- Build upon Past P-IE Presidents’ accomplishments
  - Year 1, Rob Wiedenmann, 2008
  - Year 2, Bill Hutchison, 2009
Year 3, 2010 P-IE Initiatives

- Communication
- Outreach
- Section Operations
- Record P-IE Attendance at ESA Annual Meeting
- Recognition & Recruitment
2010 P-IE Initiatives

Communication
- Monthly GC Conference Call meetings
- Monthly P-IE Newsletter
- “Tell the Branches” presentations
- E-mail blasts
- Annual Meeting Registration Area posters
- ALL P-IE SECTION AFTERNOON promotion and awareness campaign
Outreach: Make a Difference!

P-IE Section and Members Can and Should!

- Connect with other Societies / Organizations
  - NISAW 2010, NISAW 2011
  - Plant Management Network partner
  - R. Wright on IPM Voice Advisory Board
  - Pesticide Environmental Stewardship Program partner
  - The Nature Conservancy Invasive Species program

- Connect with ESA Branches
  - NISAW 2011 volunteer recruiting partnership
Outreach: Make a Difference!

- **Connect with Federal decision-makers**
  - Create ESA Subject Matter Expert & Liaison to U.S. Environmental Protection Agency position
    - Thomas E. (Gene) Reagan
- **Take a stand; State a position**
  - Joint letter with WSSA & APS on US EPA Pesticide Drift Labeling proposal
  - Letter of concern to USDA-NIFA on new Section 406 funding formula
  - Support letter for American Society of Plant Biologists summit to prioritize US research priorities
Section Operations

- Established Nominations Committee with rotating membership
  - Theresa Pitts-Singer, Chair
  - Many new precedent-setting processes
- Implemented Awards Committee rotating membership
- EUGE Task Force continued sponsorship
- Created P-IE GC Secretary position
- Created P-IE GC Student Rep position
Section Operations

- Create ESA P-IE Logo for letterhead & presentations
- Replicate MUVE “Request for Section Funds” form: will be adopted in 2011
- Connect P-IE Committees and external partners to the P-IE GC with a GC sponsor
Record P-IE Member Attendance

- ESA Annual Meeting registrants
- ALL P-IE SECTION AFTERNOON
- Tantalizing Invasive Species program
- Promotion & Awareness campaign
  - Newsletter articles
  - Email blasts
  - Give-away collectible posters & mailing tubes
  - Post-card teasers
  - Covert operations
Recognition & Recruitment

- Photo tribute to over 60 P-IE Volunteers & ESA Awardees
- 35 moderators for P-IE Paper sessions
- 60 Judges for P-IE Student Competitions
- 18 on-call backups
Recognition & Recruitment

- 15-member EUGE Task Force
  - Led by Co-Chairs: Kirk Larsen & Brian McCornack
  - P-IE GC Sponsor: Bill Hutchison
  - Undergrad focus
  - 4 thematic areas
    - Undergrad Paper/Poster competition with Undergrad Identification process in place during meeting registration
    - Sunday Symposium targeting Undergraduates
    - Meet and Greet Program with assigned mentors
    - Increase number of undergraduate P-IE awards
Recognition & Recruitment

- P-IE Awards Committee selects five applicants to win:
  
  **2010 P-IE Undergraduate Award for Excellence in Entomology**

- Recognition plaque and $1,000 check to help defray cost of attending 2010 ESA Annual Meeting
2010 P-IE Undergraduate Award for Excellence in Entomology

Rogers Leonard, P-IE Vice President
2010 P-IE Undergraduate Award for Excellence in Entomology Winners

- Jody Gilchrest, West Texas A&M University
- Sarah Johnson, Winthrop University
- Irina Shapiro, University of Maryland
- Allie Shoffner, The Pennsylvania State University
- Reese Worthington, Luther College
P-IE Treasurer’s Report

Lisa Neven, P-IE Treasurer, 2008 - 2010
# Treasurer’s Report

## Three Year Summary

<table>
<thead>
<tr>
<th></th>
<th>2008</th>
<th>2009</th>
<th>2009 Expenses</th>
<th>Carry Over from 2009</th>
<th>2010 Approved Budget</th>
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<td>Expenses</td>
<td>$10,720.00</td>
<td>$23,807.00</td>
<td>$15,486.99</td>
<td>$19,040.01</td>
<td>$23,870.00</td>
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Total Funding Available for 2010: $42,847

ESA 58th Annual Meeting  
December 12-15, 2010 San Diego, CA
## 2010 Budget Summary

<table>
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<tr>
<th>Starting Balance</th>
<th>Expenditures to Date</th>
<th>Expected Expenditures</th>
<th>Expected Balance</th>
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<td>$42,847</td>
<td>$13,908</td>
<td>$14,934</td>
<td>$14,005</td>
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</table>

Anticipated Budget Based on Section Memberships:

$ \underline{_________}$

ESAs 58th Annual Meeting
December 12-15, 2010 San Diego, CA
ESA Committee/Ed.Bd Reports

Bonnie Pendleton, P-IE VP-Elect
presenting for P-IE Representatives
Governing Board Actions in 2010:

- Rick Brandenburg appointed editor of 2nd edition of *Handbook of Turfgrass Insect Pests*
- Co-located ESA Annual Meeting with ACSESS (formerly Tri-Societies) in 2015
- Approved no changes in page charges for 2011
- Approved student representative position on Governing Board, pending vote of ESA members
Approved:

- Logo designs for ESA Sections and Branches
- Submission of new proposal to host 2016 ICE
- 2011 membership dues to remain at 2010 level
- Funding for ESA Subject Matter Expert and EPA Liaison
Program Committee
Paul Borth & Rogers Leonard

P-IE Contributions to Annual Program:

- Symposia – 34
- TMP Papers – 282 (29 sessions)
- Submitted Posters – 289
- Student Comp. Papers – 164 (12 + 1 UG sessions)
- Student Comp. Posters – 76 (6 + 1 UG sessions)
- Undergraduate Papers/Posters: 14/13
Thanks to P-IE Volunteers for Support of Annual Meeting

- 182 Volunteer Names Collected during 2010
  - Indianapolis sign-up
  - Response to P-IE Newsletters and e-mails

- 173 E-mail Acceptance Confirmations
  - Student Competition Paper & Poster Judges (3 per session)
  - TMP and Student Competition Moderators (1 per*)
  - Many cancellations/conflicts (Student offers)

- 109 Volunteers Needed & Confirmed
  - 39 Student Competition Paper Judges
  - 21 Student Competition Poster Judges
  - 14 Student Paper Competition Moderators
  - 35 Ten Minute Paper (TMP) Moderators

- 18 On-Call Alternates (Cell-phone ready)
P-IE Member Profiles

- Each P-IE member – Check/edit your Personal Profile and contact information in ESA Membership Directory and Confex
  - Problems: multiple names, addresses, phone numbers, affiliations, areas of interest/expertise, bad e-mail addresses
- E-mail is communication method of choice
  - E-mail address in ESA Directory must be good
Sign-up Sheet to Volunteer for 2011 Reno Meeting

- Name
- E-mail address
- Phone number
- Organization
- Preference:
  - Judge, Moderator, no preference
- Entomological expertise/interests
- Potential conflicts:
  - Students, symposia, papers, etc.
Membership Committee
Sherilyn Smith

- Information and interviews of President’s Circle members published
- Awards and meeting discounts discussed to recruit undergraduates and new members
- Networks to recruit non-members
- Committee communication with Governing Councils, Branches, and CEDA
- Expand Job Board to post announcements and resumes
Membership Committee (cont.)

**Decisions and Actions**

- ESA promotion sent to Entomology departments
- Expand Meet and Greet at ESA meeting, with Committee members to answer questions
- Work with National Office to provide/use information in new database
Awards & Honors Committee

Fred Gould

Goals:

1) Strengthen award nominations:
   Ideas for encouraging more and stronger nominations

2) Improve the Judging Panel process:
   Ideas for making sure all new judges understand the process
   Ideas for enabling panels to have reasonable lead time

3) Assure commitment of Judges:
   Ideas for process to ensure judges are willing and able to fulfill their duties

4) Improve awards process at Plenary Session:
   Ideas for making presentations more meaningful while keeping streamlined
Student Affairs Committee

Josh Temple

- Debate - “Issues Surrounding Biodiversity”
  9 teams debating issues of natural enemy diversity, global climate change, and transgenic crops
- Symposium - “ESA Showcase of Excellence Fostering our Innovative and Emerging Entomologists”
  2009-10 Comstock winners presenting their research
- Working with Dr. Hogg’s Presidential Committee for students to write 226 ESA Fellow Biographies
- Helped update ESA website
- Developed social network to connect students
- Planned ESA student social
Arthropod Management Tests
Gregg Nuessly

- Volume 35 – 2010
- 223 reports
- Posted 27 September
Environmental Entomology

Thomas E. “Gene” Reagan

- Trying not to burden subject editors with >15-20 manuscripts during year
- Resolved publication dispute (manuscript rejection) in editor’s favor
- 28 Subject Editors – New: Kevin Heinz (Population Ecology) and David Onstad (IPM)
- Need additional subject editors for Sampling, Physiological Ecology, Insect Behavior

JEE and Environ. Entomol. are top entomology-cited journals in world. Environ. Entomol. has 61% acceptance rate with mean acceptance time of 21.7 weeks.

Issues – (1) colleagues failing to accept review responsibility, (2) colleagues failing to inform subject editor they will not prepare review, (3) subject editors receiving little or no encouragement from administrative superiors for ESA work, and (4) discouragement by administrators, at least in USDA (ARS), toward editorial service
• Reviewed 1 appealed manuscript
  - rejected appeal, agreeing with subject editor

• Replaced David Buntin with Nilsa Bosque-Perez as Plant Resistance subject editor

• Replaced Bruce Hibbard with Ian McRae as Forage and Field Crop subject editor
Andy Michel became P-IE representative in Dec. 2009 (will serve until 2013)

New subject editors

Dealt with 2nd appeal in 4-5 years and ~1500 submitted manuscripts
  – Editorial Board unanimous in decision, agreed with subject editors and reviewers
Thomas Say Publications

Janet Knodel

- Meeting 1-2 pm, 13 December

- Members:
  - James B. Wooley, Editor-In-Chief
  - Janet Knodel, Plant-Insect Ecosystems
  - Allen L. Szalanski, Medical, Urban and Veterinary Entomology
  - Stefan T. Jaronski, Integrative Physiological and Molecular Insect Systems
  - Alan L. Kahan, STAFF, Headquarters Liaison
Upcoming Committee/Board Meetings

ESA Publications Council - Bill Lamp
Journal of IPM – Rogers Leonard
American Entomologist - Anthony Shelton
Annals of the ESA - Saskya van Nouhuys
Book & Media Review - Gary Brewer
Education & Outreach Committee - Raymond Cloyd
ESA Subject Matter Expert & Liaison to U.S. EPA Report

Thomas E. (Gene) Reagan
ESA Liaison Presentation
Regarding Work at US-EPA
Office of Pesticide Programs

-Gene Reagan,
Austin C. Thompson
Professor of Entomology
Louisiana State University
Service as ESA Subject Matter Expert and Liaison to US-EPA Office of Pesticide Programs

- **Concept of Work**
  - Provide insight and perspectives toward practical aspects of pesticide label development (esp. insecticides and miticides).
  - Provide information and contacts with scientists from ESA sections, practitioners and stakeholders.
  - Participate as appropriate in working group meetings on pesticide registration and labeling.
  - Facilitate use of technical entomological information as needed to clarify scientific issues re. public understanding and stakeholders.

- **Perspective**
  - Serve as an academic resource to assist EPA in making informed decisions—from objective, non-biased information.

- **Impact Goal**
  - Direction for credible scientific cooperation.
  - Objective resource for networking information to EPA.
  - Improve and support the process of pesticide registration and regulation.
ESA Participation During Fall 2010 - Office of Pesticide Programs

- Interactions with 4 Branch Chiefs
  - Insecticide-Rodenticide; Insecticide Branch-Registration; Benefits and Economics Analysis; Risk Integration, Minor Use and Emergency Response.

- Cross-discipline collaboration
  - WSSA Liaison, Jill Schroeder (NMSU); APS Liaison, Frank Wong (UC-Davis); and Harold Coble, USDA Office of Pest Management Policy

- Division Meetings
  - Bed bug insecticide efficacy label review (317 labels)
  - Department of Defense/EPA pesticide registration (outside US) work group
  - Pesticide resistance work group--MOA and Management
EPA Work (contd)

- Branch Meetings
  - Brown marmorated stink bug
  - Insecticide resistance management (multiple meetings)
  - Risk assessment and pesticide residues
  - Termiticide efficacy

- AFBF meetings and other public meetings
  - Application technology and atrazine

- Other Issues
  - Access to ESA publications (for non-ESA members)
  - Cross discipline approaches to resistance management (specific strategies not identical)

Appreciation is expressed for support from several ESA sections
P-IE Members for ESA VP-Elect
P-IE Members for ESA VP-Elect

- Rob Wiedenmann endorsed by P-IE
- Wins 2010 summer election
- Takes office of “ESA VP-Elect” at end of 2010 Annual Meeting
P-IE Members for ESA VP-Elect

- Dr. Frank Zalom, UC Davis
- 2010 P-IE Nominations Committee recommends P-IE endorsement
- P-IE GC unanimously accepted Nom. Comm. recommendation
- Summer 2011 ESA election

P-IE Members encouraged to vote for Frank!
Special Recognition Opportunities

- **Outgoing P-IE Officers**
  - Bill Hutchison, Past President
  - Lisa Neven, Treasurer

- **Incoming P-IE Officers**
  - Gary Thompson, VP-Elect
  - Paula Davis, Treasurer
Special Recognition Opportunities

- P-IE Nominations Committee
  - Theresa Pitts-Singer, Chair, Pacific Branch (2009-2012)
  - Carlos Blanco, Southwestern Branch (2009-2012)
  - Rachid Hanna, International Branch (2010-2013)
  - Jim Harper, Southeastern Branch (2009-2010)
    - David Held replacing (2010-2013)
  - Peter Schultz, Eastern Branch (2009-2011)
  - Rick Weinzierl, North Central Branch (2009-2011)
  - Bill Hutchison, ex officio, P-IE GC (2009-2010)
    - Paul Borth replacing (2010-2011)
Five P-IE Members honored with other distinguished entomologists as an ESA Fellow in 2010
2010 P-IE Section Members
Selected as ESA Fellows
Zeyaur Khan
ESA Fellow, 2010
Tony Shelton
ESA Fellow, 2010
Tom Turpin
ESA Fellow, 2010
Concluding Remarks

Paul Borth
Special Announcements

- ALL P-IE SECTION Breakfast Meeting
  - Wednesday, Dec. 15
  - 6:15 AM Breakfast served
  - 6:45 AM Meeting starts
  - 7:45 AM Meeting adjourns
  - Garden Salon 1

- P-IE Listening Sessions
  - Tuesday, Dec. 14
    - 3:00 PM – 4:30 PM, Esquire Room
  - Wednesday, Dec. 15
    - 1:00 PM – 2:30 PM, Dover Room
Special Announcements

"How Can I Help?" (Invasive Insects)
- Tuesday, Dec. 14
  - 7:30 PM – 9:30 PM, Pacific, Salon 2
  - Faith Campbell, The Nature Conservancy

National Invasive Species Advocacy Week Volunteers
- Immediately following this meeting
- Find Brian Bret in a corner of the room
Thanks for your attention and attendance!
Give-aways in the front … Both sides same!
Is there a Motion to Adjourn?
Call for Motion to Adjourn