

2nd International Lygus Symposium
Asilomar Conference Center, Pacific Grove, CA, USA
April 15-19, 2007
PROGRAM EVALUATION SUMMARY

1. Please provide an overall ranking for each of the sessions you attended. If you did not attend, select "n/a." 1 = Poor 2 = Below average 3 = Average 4 = Above average 5 = Outstanding

Monday AM Session: ECOLOGY	4.33 (n=30)
Monday PM Session: IPM	4.27 (n=30)
Tuesday AM Session: BIOLOGY, BEHAVIOR & SYSTEMATICS (A)	4.13 (n=30)
Tuesday PM Session: BIOLOGY, BEHAVIOR & SYSTEMATICS (B)	3.93 (n=30)
POSTER SESSION	3.73 (n=26)
Wednesday AM Session: INSECTICIDES & RESISTANCE	3.79 (n=28)
Thursday AM Session (1): BIOLOGICAL CONTROL	4.13 (n=24)
Thursday AM Session (2): FINAL SESSION/WRAP-UP	4.07 (n=14)

1a. Summary of comments on paper sessions:

- More time for discussion either after each talk or at the end of each session
- Would like to see a greater diversity of crops represented
- Room acoustics could be improved
- Perhaps have longer breaks

1b. Summary of comments on poster sessions:

- Poster display area was too small / cramped
- Some posters not well lighted
- Suggest serving food and drinks during poster viewing

2. Summary of comments: what was learned or gained as a result of attending

- 20 participants valued the technical information and research updates provided.
- 9 participants developed new research plans and/or new collaborations with colleagues.
- 12 participants valued the interaction with colleagues.
- 6 participants indicated that they met valuable new colleagues at the meeting.
- 1 participant valued the media contact they met at the meeting.

3. Please provide us with input on Wednesday's Field Trip

The TOPIC of the field trip was a good choice	4.70 (n=26)
The LOGISTICS of the field trip went smoothly	4.70 (n=25)
The right AMOUNT OF TIME was dedicated to this event	4.50 (n=25)

3a. Summary of comments: field tour

- A good blend of agricultural and historical information
- More variety of crops would have been appreciated
- Sean did an excellent job; enjoyed commentary on bus
- Very positive feedback overall

4. Please rank ASILOMAR CONFERENCE CENTER and SPECIAL EVENTS.

MEETING ROOMS: acoustics, temperature, etc.	3.81 (n=29)
FOOD & BREAKS provided by Asilomar	3.36 (n=28)
The ASILOMAR STAFF	4.04 (n=28)
ACCOMMODATIONS	3.62 (n=26)
SPECIAL (OFF-SITE) MEALS	4.89 (n=19)
MONTEREY AQUARIUM	4.89 (n=28)

4b. Summary of comments: field tour

- Beautiful venue, great location, etc.
- Excellent venue to promote interaction among participants
- Monterey Aquarium was a highlight

5. Please provide any additional comments or suggestions

Complete Comments:

- Greatly enjoyed the conference which was excellent and very well organized. Grateful to organizers. Well done! Very Good.
- Thank you to the organizers for job well done.
- Room without TV or phone really was nice. You spend time talking to people and getting to know them.
- This was a great conference with a great group of people!! :)
- Wonderful conference!
- Evening at aquarium was superb!!
- Need a bar at meeting site such that people can meet more easily!
- Thanks for the 30 min breaks & 1.5 hr lunches--allowed for good interaction with colleagues.
- Special Thanks to Peter, Pete, & Steve for their work.
- Excellent program--Thanks Pete and Peter!

Summary of preferences for next meeting

- Year: 2009 (14 votes); 2010 (13); either 2009 or 2010 (4); 2011 or 2012 (0)
- Time of year: Spring (20 votes); Summer (6); Winter (6); Fall (4)
- Country: U.S. (11 votes); Canada (9); Mexico (9); Puerto Rico (3); Italy (3); Europe (1); Switzerland (1)
- City: No consensus

Complete Participant Comments

1a. Please provide additional comments/suggestions to improve paper sessions:

- Room acoustics not good. Room too hot at times. Pacing of talks was excellent.
- More background information would have made some of the genetics papers easier to follow for those not involved in specific types of work. Industry papers need to focus more on physiology, mode of action, biochemistry, instead of efficacy.
- The presenters of papers or posters need to be asked to use active ingredient acres & not trade acres. Conversely--probably better to have discussion at end of session.
- More time for discussion/questions.
- 20 min slots were ideal length--stick with this format.
- Discussion time after each session. Not at the end of the meeting.
- If the room gets any bigger--maybe a speaker system. There were times with people walking by that hearing was limited.
- This was a great area (for the meeting). Good scientists & great talks.
- More breaks, maybe with group activity (exercise/stretching)
- Keep technical details of molecular talk to minimum and elaborate more on implications for ecology and management.
- More time for questions. Long break times for great discussion. Microphone for few speakers. A few keynote invited speakers excellent idea.
- Being new to CA and to Lygus work this meeting was as close as I could imagine to "one-stop shopping".
- All of the sessions were excellent in execution. However, that does not mean all were of equal interest to me personally.
- Really can't (improve sessions)--very well managed, balanced, complete.
- Specific on cotton crops. (?)
- Great time keeping--thank you. Liked numbering of papers in abstracts.
- Would have been good to have a wider range of crops represented.
- I was surprised by how much coverage was devoted to Lygus management on strawberries. The breadth of crops covered could be expanded.
- Greater crop diversity--would be interesting. Enjoyed landscape ecology sections.
- Have speakers make questions for audience for discussion, perhaps scheduled in before breaks.
- Provide 30 minutes round table discussion time with speakers as a group after each session. This will provide better forum to discuss the "section issues" with all speakers participating.

1b. Please provide additional comments/suggestions to improve the poster session:

- Poster area too cramped. Some posters not well lighted. On the plus side, ample time (was provided) for viewing posters.
- Most individuals had A4 handouts, but not all.
- Spread-out a bit more--kind of tight. Provided dedicated time to posters--excellent.
- More amenities (wine, beer, food) to encourage lingering and lengthy discussions.
- More space between posters. Better light. Have authors present when the posters are first put up then there will be more interest as participants have not looked at the posters during the meeting.
- Need some more posters--encourage authors to submit a poster as well as a paper?

- Since posters were up all week maybe have poster session earlier.
- Next time, it would be nice if snacks and drinks are provided.
- Remind presenters in the future to keep text to less than 30%, use more figures and photos.
- Excellent session.
- No criticisms--appropriate quantity and quality.
- Lighting to see screen--graphs difficult to see at times. Great display layout--easy to move around to view posters.
- Timing at second part of morning might have (had) better participation--longer break--many folks left early.

2. Please provide an example of something you learned or gained as a result of attending this meeting. (This could be new information, interactions with colleagues, research plans, etc.)

- There is a bigger difference in *L. hesperus* and *L. linolaris* in cotton than I realized, and more differences in *L. hesperus* behavior on cotton in different states.
- New information & interactions with colleagues. Most important are the new ideas that come up during this interactions and new research plans.
- Link up with others working on *Lygus* chemical ecology. Use of protein MR. Banker strips of lucene in strawberry. Parasitoids of *Lygus*. New selective pesticide active ingredients & many more.
- Developed 2 potential collaborations. Media contact--excellent addition of media people.
- 1) Opportunity to meet new colleagues working w/ *Lygus* not previously known. 2) Get detailed overviews of newest information.
- Trap crop success. Parasitism is making progress. Problems controlling *Lygus* in seed alfalfa. Trapping methods. Problems in identifying *Lygus*.
- The similarity of our pheromone work to that of the UK group. Levels of resistance in *L. linolaeris*
- Learned how ELISA technique used for dispersion study. Interact with other researchers.
- Research plans, new information & especially interactions with new colleagues.
- The wide assortment of host crops. Evaluation of feeding habits. Better understanding of sampling (#*Lygus* vs damage)
- I met a whole new group of people & learned a lot about *Lygus*.
- I gained a better idea about what type of research is conducted about all things *Lygus*. I also made new contacts.
- Method using protein to do mark receptor studies.
- Met new colleagues. Established some potential future collaboration. Lots of new information (e.g. marker technology)
- The high level of collaboration and information sharing, both within and outside the formal sessions was an impressive demonstration of what science can be like and will serve as a major influence in developing a personal research plan that is relevant and compliments the overall research effort.
- New information that should be of immediate use. New information that I hope I can put to use. Firm up personal connections with "email" colleagues.
- New information on digestive physiology & genetics of expression.
- All! Good community contact & info exchange.
- I got new ideas for my research interacting with colleagues.
- Better understanding of biology. Great opportunity to meet contacts.

- Gained new insights into production systems and areas of endeavor outside of personal expertise.
- Helpful update on the status of insecticide control of *Lygus*. Nature of pectinases produced by *Lygus hesperus*.
- Trapping information useful--mark and recapture techniques helpful. New tools for research--lab & field. New collaboration (cross continent) is now planned.
- Population Dynamics: Row crop levels sensitive to recruitment from specific nearby hosts. Diapause: Could be 2 winter generations diapausing--TPB. Resistance: Major issues and mode-of-action resistance variability across regions/commodities. Pheromone: Could be compound from *Lrvg* that is key for new world *Lygus*. There are many polygalactovranes & PGIPs, analogous w/ our pathogen/immune system.
- *Lygus* taxonomy. *Lygus* movement--population monitoring. Made contacts with international colleagues. Considering 2-3 new research topics. Great location and scenery.
- 1) Collaborative projects planned. 2) *Lygus* control strategies.
- Interaction w/ colleagues was excellent and plenty of opportunity for discussion. Field tour was excellent. Sean did a wonderful job in his role as tour guide. Seeing the research in the field was valuable. Learned most from parasite & pheremone presentations.
- All of the above. Excellent opportunity to interact with colleagues.

3a. Additional comments/suggestions to improve the field trip, or ideas for future tours

- I liked the balancing of agriculture stops with the historical interest of San Juan mission.
- Better weather! :)
- Sean S. gets kudos for his excellent commentary, which expertly blended information on technical aspects of the tour with the info on the local history, natural history, and other tidbits.
- We looked at the alfalfa trap crop 2X. Use the time to cover more topics instead of repeating one. Excellent commentary on the bus. Thank you.
- Loved the private time at aquarium. Field tours were great!! :)
- A winery stop would have been nice--stopping at 3 strawberry fields was a bit much.
- On-bus commentary excellent.
- A bit chilly.
- Very nice.
- Very nice outing.
- Great.
- Liked the mix of local tourist highlight & naturalist/*Lygus* stops.
- More variety crops would have been nice, but it certainly was an excellent tour. The area is fascinating so other crop examples would have been interesting.

4b. Additional comments on venue and special events

- Excellent venue--relaxed environment, excellent opportunity for interactions
- Asilomar format (group meals & events, so as to maximize interactions) is ideal for meetings of this type.
- Good venue for the group to interact and meet each other. Cookies at breaks?
- Some more time at the aquarium. Either before or after the meal would have been good.
- Couldn't be better.
- Food was well prepared and no waiting for service.

- The views were beautiful, it was a nice atmosphere to get to know people.
- The Monterey Aquarium was a highlight! I liked that it was a location unique to Monterey (local charm) and that it was biologically interesting.
- Final meal at the aquarium outstanding event.
- The overall Asilomar experience is far greater than the components listed below. The setting is superb. With the relatively small group, it would have been nice to have tables in the conference room instead of just chairs.
- Well done.
- Great location.
- Most conference centers provide snack breaks. Asilomar seems a bit stingy in this regard. On the positive side, this is a beautiful site for a meeting.
- Like the structure--encouraging interaction meals/facility.

Report compiled by Al Fournier, University of Arizona, Arizona Pest Management Center