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## President's Corner

*By Richard Ward, President, ANBP*

As fall approaches, so too does another ANBP conference and AGM. This year's conference to be held at Granlibakken Lodge in Lake Tahoe, California will be of a different nature in that it will be in the format of a "Strategic Planning Session" rather than a regular conference. All interested parties are welcome to attend this planning session, as we will be looking at what we have accomplished over the past seven years since our last planning session and how we wish to proceed into the future. Kim and Carol have been hard at work planning this and we expect it to be a very worthwhile exercise.

Dan Cahn, Angela Hale and I attended the recent CCBC conference in Riverside, California, where we presented on behalf of ANBP two student awards for outstanding papers for research in the field of applied biological control. We hope that these student awards become an ongoing partnership with academia..

As my current term as ANBP president draws to an end and I reflect on what has occurred during this time, I find that we are still fighting most of the same battles as three years ago. Regulatory issues, quality control issues, moral and ethical issues etc. I am pleased to report, however, that from the regulatory standpoint, with the exception of a few delays and the occasional over-zealous border crossing employee, most shipments are making it to their intended destinations on time and in good order. To this end, I would like to thank Bob Flanders and his team at the USDA for working closely with our organization in an effort to ease the pain and suffering associated with the shipping of beneficial organisms after the events of 9/11. Air transport of live beneficial organisms is still a potential threat to our industry as under the current IATTA rules, airlines can refuse to transport our products. We are currently looking into

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### Planning Conference 2006



### Lake Tahoe

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**ANBP's Mission is to address key issues of the biological control industry through advocacy, education, and quality assurance.**

## ***ANBP Board:***

- Richard Ward, President (Biobest Canada Ltd)
- Kimberly Gallagher, Vice President (Sterling Insectary)
  - Eda Reinot, Secretary (Becker Underwood)
  - Dan Cahn Treasurer (Syngenta Bio-line, Inc.)
    - Andrea Davenport (Koppert Canada Ltd.)
    - Carol Glenister (IPM Laboratories)
      - Angela Hale (Bug Factory)
  - Tom MacDonald (MGS Horticultural Inc.)
  - Brian Spencer (Applied Bio-nomics Ltd)

## ***Contributing Members:***

ANBP is pleased to recognize the following members for their interest in biocontrol and their generous support of ANBP's programs and goals.

- **California Avocado Commission**
  - Donald L. Flaherty
  - Sunkist Growers, Inc.
- **The Morning Star Packing Company**

## ***Committees 2006***

- **Regulatory:** Cahn (Chair), Glenister, Spencer, Ward
- **Research Liaison:** Hale (Chair), Cahn, Davenport, MacDonald, Reinot
- **Liaison and Education:** Gallagher (Chair), Glenister, Luczynski, Spencer
- **Nominating:** Hale (Chair), all Board members
- **Audit:** Spencer, all Board members
- **Conference:** Glenister, Gallagher (Lead), Hale and Ward Advisors (Program): Board Team
- **Quality Control:** Glenister (Chair), ASTM Working Group members

***“Bio-Control Matters”*** is published by the Association of Natural Bio-control Producers four times per year to provide members with information, thought and opinion on biological control affairs. ***Bio-Control Matters*** advocates the interests of commercial biological control and the public interest of quality agricultural production and environmental protection. ***Bio-Control Matters*** welcomes contributions of comment and opinion, as well as articles of general interest. All contributions must be signed by the contributor. Send contributions for consideration to Maclay Burt, ANBP Executive Director, 2230 Martin Drive, Tustin Ranch CA 92782. Phone/fax (714) 544-8295. (E-mail [execdir@anbp.org](mailto:execdir@anbp.org)). Published contributions may not necessarily reflect the views or policy of ANBP.

***ANBP*** was formed in 1990 by commercial insectaries to provide a united voice in regulatory issues facing the industry. ANBP is also dedicated to quality standards and educating the agricultural and academic communities about the importance of biological pest controls for pest management. ANBP membership exceeds 100, including 42 producers and/or suppliers. Through its efforts, ANBP is recognized as ***THE*** spokesman for the commercial biological control industry.

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this and will update you as information comes to hand.

I would be remiss if I did not thank the many people who have helped make my term in office pass with relatively little stress. To this end, I would like to thank Dan Cahn, Kim Gallagher and Angela Hale for being my sounding boards. It has been a great help to have someone else's opinion in helping to make decisions. After three years, Angela Hale and I stepped down from co-chairing our conferences for a much needed break, so I would also like to say a special thanks to Angela for being my co-chair for these conferences. It has been a pleasure working with you, Angie, and I look forward to planning future conferences together. There are, of course, too many to thank individually, but Carol Glenister, Jan Nyrop and Anna Luczynski must be thanked for their continued help and support on quality control issues, Norm Leppla for just being there when needed and promoting our organization at the many conferences and functions he attends, Doug Parker from CFIA for keeping us up to date on Canadian regulatory issues, Eda Reinot for tirelessly and accurately taking the minutes of our meetings and, of course, Maclay Burt, our long term executive director for keeping us all focused on the tasks at hand. Thanks to you all.

It has been a pleasure and an honour, to have served as president for this term, and I would strongly urge members of our organization who have not yet done so to consider becoming board or committee members.

I hope that the current upheaval in the airline industry will not deter any of you from attending our "Strategic Planning Session" as I think it will be very interesting, entertaining and informative.

See you all in Tahoe!

## ***Regulatory News***

### Dahn Cahn Reports

The ANBP regulatory committee is following up on two initiatives of interest to the biological control community.

The NAPPO (North American Plant Protection Organization) Biological Control Panel is continuing to revise the draft standard for import and export of arthropods between countries in North America. Currently the draft has been sent out for country consultation. This means USDA Plant Protection and Quarantine, Canadian Food Inspection Agency and Secretaría de Agricultura Ganadería y Desarrollo Rural are studying the proposal and will make suggestions and objections that will come back to the NAPPO committee.

If approved in the present form, this standard will allow common biological control organisms to move between the NAPPO countries as low-risk commodities and be removed from the current permit requirements. In the U.S. this would mean shipments could be inspected and released at the border port of entry rather than a mandatory inspection at a USDA facility.

This proposed standard has made remarkable progress and has support from officials in each of the three agencies that participate in NAPPO. However we have been told that implementation is still likely to take from three to five years.

We are also following up on our idea to seek a sales tax exemption in California for biological controls. This could be a nice bonus for growers who use biological controls and a strong statement of support by California. ANBP has contacted Peter Price, a legislative consultant and lobbyist in Sacramento who is familiar with pesticide related issues. Peter was interested and encouraging and has been invited to our Lake Tahoe meeting to discuss how to proceed. In any case we will move forward when the current legislative session ends.

## ***ANBP Website***

Kim Gallagher reports

There are some new features on the website, including the ability to begin a new membership, renew your membership, and register for conferences on-line. After filling out the appropriate form, you will be automatically routed to PayPal's secure website to complete the transaction using a credit card. Also, at our members' request, we have expanded the list of ANBP members on the website to include not only Producer and Distributor members, but also Practitioners, Associates, and Contributing members. If you would like your name removed from the website or if you need to change any of your contact information, or if you see any typos, etc., please email Maclay Burt, Executive Director, at [maclayb2@aol.com](mailto:maclayb2@aol.com)

## ***Planning Conference 2006***



## ***Lake Tahoe***

The 2006 meeting will take place at Granlibakken Conference Center and Resort, in beautiful Tahoe City, California September 30-October 1. The Strategic Planning Session will start on Saturday morning at 8 AM and will conclude Sunday at noon. Our last formal effort at strategic planning was in Seattle Washington in 1999. We have met many of the goals outlined in 1999 and want to revise and outline ANBP's goals for the future.

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On site, there are 5 tennis courts, a large, heated swimming pool (great for laps), easy access to mountain biking and hiking trails, and Tahoe City is a 15 min. walk on a path or a 5 min. drive.

On **Saturday**, themed "Innovation in Commercial Biological Control", the meeting will begin with a brief overview of the types of innovations that have occurred in commercial biological control.

After that, we will follow the Strengths, Weaknesses, Opportunities, Threats (SWOT) approach for the Planning Session. Please be sure to think about ideas that can be included in the discussions. The Planning session will conclude Sunday at noon. **A DETAILED SWOT AGENDA WILL BE SENT IN ADVANCE.**

The Annual General Meeting will take place at lunch on **Sunday** at noon, followed by an ASTM meeting from 1:30 PM 'til 5:00 PM and the New Board organizational meeting in the evening.

**To register for the Strategic Planning meeting**, you can go onto the ANBP website, [www.anbp.org](http://www.anbp.org), and fill out the on-line registration form.

Granlibakken offers an all-inclusive package that includes three nights lodging and three meals per day (breakfast, lunch and dinner). The rates are as follows: single occupancy in a standard room is \$710 or \$865 for a deluxe room; double occupancy in a standard room is \$530 or \$609 for a deluxe room. There is accommodation for government per diem rates; please call Kim Gallagher at 661.201.3677 for more information on per diem rates. Granlibakken has a two-night, a daily rate, and a spouse or guest rate also. The deadline for reservations is August 28. **To make your reservation** or to find out more information, please call 800.543.3221 and say that you are with the Association of Natural Bio-Control Producers. The conference center is on the web at [www.granlibakken.com](http://www.granlibakken.com).

## Conference Agenda

**Friday** September 29, 2006

2:00 - 5:00 PM	ANBP Board Meeting
5:00 - 6:00 PM	Hospitality
6:00 - 7:00 PM	Dinner

**Saturday** September 30, 2006

7:30 AM	Breakfast
8:00 AM	Introduction
8:30 AM	Keynote: . <b>Pamela Marrone</b> , Founder/CEO Marrone Organic Innovations : <b>Biocontrol Innovations and Geoffrey Moore's Innovation Matrix</b>
	Audience Examples of Innovations that fit the Innovation Matrix.
10:00 - 10:30 AM	Break
10:30 - Noon	Strategic Planning Session

Noon - 1 PM	Lunch Buffet
1:00 - 3:00 PM	Strategic Planning Breakout Groups
3:00 - 3:30 PM	Break
3:30 - 5:00 PM	Strategic Planning Breakout Groups
Evening	Dinner Cruise on Tahoe Gal (Optional) or dinner on your own

**Sunday**      October 1, 2006

7:30 AM	Breakfast
8:00 - 10:00 AMS	Strategic Planning Session Wrapup
10:00 - 10:30 AM	Break
10:30 - Noon	Strategic Planning Wrapup
Noon - 1:30 PM	Luncheon

**Annual General Meeting**

1:30 - 3:00 PM	ASTM Meeting
3:00 - 3:30 PM	Break
3:30 - 5:30 PM	ASTM Meeting
6:00 - 7:00 PM	Dinner
7:30 - 9:00	Board Meeting

**Monday Morning**      October 2, 2006

7:30 AM	Breakfast
8:00 - ?	Board Meeting

## ***ASTM Working Group***

Carol Glenister reports

***The Working Group's next meeting is Sunday, October 1, 2006 at 1:30PM during the Planning Conference 2006 at Lake Tahoe's Granlibakken Conference Center***

**February 2006 ASTM Meeting Notes: A Debate, a Scholarly Paper and a Book**

After Carol Glenister's presentation of a system for certification of quality seed grains like corn and oats, and the associated value increases, four brave participants, Gallagher, Hale, Cahn, Ward agreed to take sides in a debate that would relate to certification of high-fecundity Persimilis. The proposition was: **If there is a 10**

**fold increase in fecundity of a product, an increase in price warranted.**

The debaters seemed to agree that higher quality did indeed warrant an increase in price, however, the process of differentiating higher quality product, both in production and as a sales tool was in question.

After the debaters had concluded their final arguments, all ASTM participants were asked if Natural Enemy Producers should **consider certifying high fecundity product**. The answer was a resounding NO! Reasons included the short shelf life and variability of these biological products.

Norm Leppla presented an outline proposal for a **scholarly paper on a Model Quality Assurance System**. It included heavy emphasis on customer involvement with hopes of including examples where customer feedback was used by producers to improve the presentation or formulation of biological control products. If you have any real life examples to share with Norm that demonstrates increasing quality resulting from a Quality Assurance feedback, please communicate with Norm or Carol.

Carol revealed that some **very poor nematode viability** was being reported by a Midwest scientist using unknown storage and testing procedures. The group agreed to follow up on this.

Finally, a **book outline was proposed** that would explain our Quality Assurance Model, include all the ASTM standards, and explain the statistics included in the standards.

The next meeting will be held the afternoon of Sunday October 1 at Granlibakken in Tahoe City, from 1:30 to 5:30 PM. The accommodations are described in this newsletter in the article about the annual ANBP conference.

## ***The Fifth California Conference on Biological Control July 25-27 at the Mission Inn, Riverside, California***

Reported by Angela Hale, Research Chair

Nestled in the opulent surroundings of historic and air-conditioned Mission Inn in Riverside California, I found refuge from the sweltering heat wave sweeping across North America in late July. Conference sessions covered regulations, citrus management, weed biological control and urban pest management.

ANBP awarded \$250 and a certificate of excellence in applied biological control to two student posters. The winners were:

Quantification of Powdery Mildew Consumption by a Native Coccinellid: Implications for Biological Control? By Andrew Sutherland and Michael Parella (UC Davis)

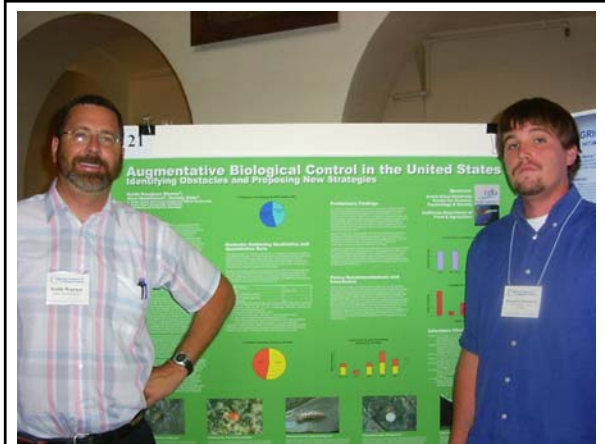
Host specificity of the Mymarid *Anagrus epos* Girault, A parasitoid of Cicadellidae Eggs. By Rodrigo Krugner, Marshall Johnson, Joseph Morse and Russell Groves (UC Riverside)

Honorable mention was given to Andrea Joyce from Texas A&M, who was unable to attend but did interesting work on acoustics, using wing beat frequencies to distinguish between closely related species of parasitoids. Our committee thought that by showcasing this paper, we could stress the need for taxonomy and novel tools for identifying species.

The CCBC organizing committee was extremely gracious and thrilled with the awards. Their reaction reinforced the idea that this is extremely productive use of our limited research dollars both for publicity of our organization and to encourage research of value to industry. I encourage ANBP members to attend CCBC Six in 2008 and support applied research at the grass roots level.



Rodrigo Krugner (UC Riverside) accepts student award from ANBP President Richard Ward



Keith Warner and student from Santa Clara University with Poster on "An initiative to enhance support for biological alternatives to pesticides in California"

## From IPMnet NEWS

### \* IPM Symposium Attracts Global Interest \*

The future of IPM now "lies in globalization, food traceability, and the continuing need to transfer wealth to agriculture," a noted entomologist told an attentive international audience at the opening session of the recently concluded 5th (U.S.) National Integrated Pest Management Symposium.

The symposium, while organized as a national event and sponsored by a group of U.S. governmental, educational, and industrial organizations, reflected clear international interest by attracting representatives from 23 nations among a total of well over 650 attendees.

Entomologist E.G. Rajotte, in his keynote presentation, "The Future of IPM Implementation: Where Is It?," saluted 30 years of solid IPM development, but cautioned that for the future, "successful IPM programs must keep current with social trends." Dr. Rajotte categorized these as "push" from supply-side technology, matched against demand-side technology pull, the latter based on governmental policy and increasing consumer and marketplace impact.

Experience gained through his activities as IPM coordinator for the U.S. state of Pennsylvania and his involvement with numerous international programs prompted Rajotte to advocate steps that academia, industry, and governments need to heed for keeping IPM pointed in the right direction. These hinge on programs that: embody incentives for IPM adoption; expand financial supports; and emphasize education.

In addition to a hyper-active program of presentations and concurrent mini symposia devoted to widely ranging topics, general information sharing and networking, the 3-day meeting included two poster sessions with presentation addressing a broad variety of topics all tied to IPM. The event also encompassed the inaugural presentation of National IPM Achievement Awards, this year bestowed on five unique efforts.

Event organizers indicate that the bulk of the presentations, poster abstracts, and other related material soon may be posted on the website: <http://www.ipmcenters.org/ipmsymposiumv/> depending on several factors. The organizing committee also has begun planning for a sixth U.S. national IPM symposium in 2009.

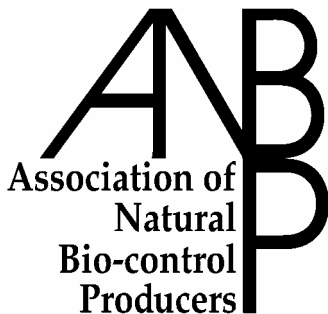
\*-> IPM Symposium Secretariat, OCE, Univ. of Illinois, 302 E. John

# Upcoming Meetings, Workshops and Events

(Revised 08/21/06)

Don't forget to visit [anbp.org/events](http://anbp.org/events) for direct links

Date	Title	Location	Contact info
Sept 29- Oct 2, 2006	ANBP Strategic Planning Ses- sion and Annual General Meeting	Tahoe City, CA	<a href="http://www.anbp.org">www.anbp.org</a>
Oct 1, 2006	ASTM Subcommittee E35:30 Workshop	Tahoe City, CA	<a href="http://www.astm.org">www.astm.org</a>
Oct 4-5, 2006	Canadian Greenhouse Confer- ence	Toronto, Can- ada	<a href="http://www.greenhousecanada.com">www.greenhousecanada.com</a>
Oct 23-24, 2006	Lucerne.06 'Inaugural Annual Biocontrol Industry Meeting (ABIM)	Lucerne, SWITZ	<a href="http://www.abim-lucerne.ch">www.abim-lucerne.ch</a>
Oct31- Nov3 2006	Horti-Fair 2006 (NTV)	Amsterdam, NL	<a href="http://www.hortifair.com">www.hortifair.com</a>
Nov 5-10 2006	XXIX National Congress of Biological Control	Manzanillo, Colima, Mexico	<a href="mailto:jmolina@ucol.mx">jmolina@ucol.mx</a>
Feb 8-13 2009	3 <sup>rd</sup> Int'l Symposium on Biologi- cal Control of Arthropods (ISBCA)	Christchurch, New Zealand	<a href="http://www.isbca09.com">www.isbca09.com</a>



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## Bio-control Matters