## W4185 Annual Meeting, 2017

### **Borrego Springs Resort, CA, October 3-5**

Please contact David Morgan, David.Morgan@cdfa.ca.gov, (909) 226-6569 if you have questions

### October 3th

Registration will be in the De Anza Room from 5-7 pm. Checks and cash accepted. Registration fee: \$150

**Dinner:** Individual Arrangements

#### October 4th

**Breakfast:** Individual Arrangements, hot drinks and buns provided in meeting room.

Registration: 8am-5pm, De Anza Room

Speakers please upload presentations prior to the start of your session

Wednesday Morning				
08:00	Welcome to Borrego Springs Resort; Introductions			
08:20	W-4185 update from Dave Thompson			
08:40	Robert Nowierski – USDA NIFA	NIFA funding opportunities		
09:00	Bob Pfannenstiel- USDA APHIS	Updates on permitting and the regulation of biological control		
09:20	Andrew Norton, Colorado State University	Release of the Online Biological Control Agents of Insect Pests Database		
09:40	Jim Nechols – Kansas State University	Biological Control in the Western U.S. – A new edition?		
	10:00	Break		
10:20	Mike Pitcairn – Cal. Dept. Food & Ag.	CDFA Biological Control Program		
10:40	Gadi Reddy – Montana State University	Biological Control Update – Montana		
11:00	Christopher Hedstrom – Or. Dept. Ag.	Biological Control Update – Oregon		
11:20	Lincoln Smith – USDA ARS-EBCL	Biological Control Update – EBCL		
11:40	Francesca Marini – BBCA, Rome	Biological Control Update – BBCA		
12:00	Ross Miller – University of Guam	Biological Control Update – Guam		
12:20 Lunch Provided				

Wednesday Afternoon				
13:20	Ivan Milosavljevic – UC Riverside	Biocontrol options for Asian citrus psyllid in southern California		
13:40	Ruth Henderson – Citrus Research Board	Mass-production of the biological control agent Tamarixia radiata in large field cage insectaries.		
14:00	Raju Pandey – Citrus Research Board	Some aspects of rearing Tamarixia radiata in the greenhouses for the biological control of Asian citrus psyllid		
14:20	Marco Gebiola – UC Riverside	RADseq reveals low genetic variation among commercially reared Aphytis melinus: A cautionary tale for insectaries		
14:40	Kelsey Schall – UC Riverside	Developments in Argentine Ant Control for Southern California Citrus		
	15:00	Break		
15:20	15:00 Charlie Pickett – Cal. Dept. Food & Ag.	Break Imaging Sentinel Stink Bug Egg Masses: New Insights into Predation & Parasitism		
15:20 15:40		Imaging Sentinel Stink Bug Egg Masses: New		
	Charlie Pickett – Cal. Dept. Food & Ag.	Imaging Sentinel Stink Bug Egg Masses: New Insights into Predation & Parasitism		
15:40	Charlie Pickett – Cal. Dept. Food & Ag.  Nick Mills – UC Berkeley	Imaging Sentinel Stink Bug Egg Masses: New Insights into Predation & Parasitism Integrating biological control into walnut IPM		
15:40 16:00	Charlie Pickett – Cal. Dept. Food & Ag.  Nick Mills – UC Berkeley  Steven Naranjo – USDA ARS ALARC	Imaging Sentinel Stink Bug Egg Masses: New Insights into Predation & Parasitism Integrating biological control into walnut IPM Integrating biological control into IPM systems IPM in California Almonds: predatory thrips claim		
15:40 16:00 16:20	Charlie Pickett – Cal. Dept. Food & Ag.  Nick Mills – UC Berkeley  Steven Naranjo – USDA ARS ALARC  David Haviland – UC Davis Extension	Imaging Sentinel Stink Bug Egg Masses: New Insights into Predation & Parasitism Integrating biological control into walnut IPM Integrating biological control into IPM systems IPM in California Almonds: predatory thrips claim role as dominant mite predator Defensive symbionts of arthropods: what do we		

	DINNER	
18:00 -	At the beautiful and nearby Steele/Burnand Anza-Borrego Desert Research Center	
21:00	Taco Buffet followed by a talk on Desert Bighorn sheep by author Mark Jorgensen	
	Transport to Research Center available. Or you can walk (2.5 miles)!	

# October 5<sup>th</sup>

**Breakfast**: Individual arrangements, hot drinks and buns provided in meeting room.

Speakers please upload presentations prior to the start of your session

Thursday Morning				
08:00	W-3185 Business Meeting			
08:20	Gadi Reddy – Montana State University	Updates on the 2018 meeting		
08:40	Mike Pitcairn – Cal. Dept. Food & Ag.	Review of Weed Biocontrol Activities in California from 1940 to 2015		
09:00	Jeff Littlefield – Montana State Univ.	Clonal nature and biological control of Russian knapweed in Montana		
09:20	Ellyn Bitume – USDA ARS PWA	Arundo Biocontrol in California		
09:40	Stephen Novak – Boise State University	Genetic analysis of native and invasive populations of Ventenata dubia (Poaceae): implications for biological control		
10:00 Break				
10:20	Marianna Szucs – Colorado State Univ.	The effects of agent hybridization on the efficacy of biological control of tansy ragwort at high elevations		
10:40	Scott Portman – Montana State Univ.	Cape ivy in California		
11:00	Nicole Norelli – UC Santa Barbara	Past, present, and future: saltcedar (Tamarix spp.) and biological control in California		
11:20	Amanda Stahlke – University of Idaho	Genomic study of tamarisk leaf beetle		
11:40	Nic Venter – Univ. Witwatersrand, ZA	New agents for control of tamarisk in Africa		
12:00	Iain Paterson – Rhodes University, ZA	Use of cochineal insects for the biological control of Opuntia engelmannii in Africa		
12:20 Discussion, concluding remarks and announcements				