

# APC Training Program Syllabus: CPC Week

Modified April 19, 2005

	Mon June 6th	Tues June 7th	Wed June 8th	Thurs June 9th	Fri June 10th	Sat June 11th			
7:45-8:00		Sign-in & Set-Up	Set-Up	Set-Up	Set-Up	Set-Up			
8:00-8:15		Welcome and Overview [15min]	Importance Of Systematics: Species concepts, Hybridization, Clones, Documentation [2.25hrs]: Dr. Dieter Wilken, Santa Barbara Botanic Garden	Conservation Genetics [30min] Dr. Stuart Wagenius, Chicago Botanic Gardens	Population Viability Analysis [2.25hrs]: Dr. Tiffany Knight, Washington University in St. Louis	Restoration Management Strategies - Ex Situ [2.25hrs]: Dr. Kayri Havens, Chicago Botanic Gardens			
8:15-8:30		What About Plants Makes Conservation & Recovery Different? [45min]: Dr. Kathryn Kennedy, CPC							
8:30-8:45									
8:45-9:00									
9:00-9:15		Plant Protection and Legislation [1.25hrs]: Dr. Kathryn Kennedy, CPC		Genetics in Small Plant Populations [1.75hrs]: Dr. Stuart Wagenius, Chicago Botanic Gardens					
9:15-9:30									
9:30-9:45									
9:45-10:00									
10:00-10:15		Break	Break	Break	Break	Break			
10:15-10:30		Terminology [30min]: Dr. Kathryn Kennedy, CPC	Examining Community Structure & Species Signatures [1.5hrs]: Dr. Kathryn Kennedy, CPC	Population Genetics Continued [30min]: Dr. Stuart Wagenius, Chicago Botanic Gardens	Population Viability Analysis [1.5hrs]: Dr. Tiffany Knight, Washington University in St. Louis	Restoration Management Strategies - Ex Situ [1.5hrs]: Dr. Kayri Havens, Chicago Botanic Gardens			
10:30-10:45									
10:45-11:00									
11:00-11:15		The State of Conservation Biology - Ex situ, In situ, Concepts of Scale, etc. [1hr]: Dr. Kayri Havens, Chicago Botanic Gardens		Tools For Genetic Work, Characteristics of Each, Evaluation [1hr]: Dr. Stuart Wagenius, Chicago Botanic Gardens					
11:15-11:30									
11:30-11:45									
11:45-12:00									
12:00-12:15		Lunch	Box Lunch & Program: Tom Grant - Rare Plant Conservation Work at Denver Botanic Gardens	Box Lunch & Program: Dr. Anna Sher - Invasive Species Research at Denver Botanic Gardens	Working Lunch with PVA Exercise: Dr. Tiffany Knight, Washington University in St. Louis	Lunch			
12:15-12:30									
12:30-12:45									
12:45-1:00									
1:00-1:15		Concepts of Rarity & Imperiled Plants [1hr]: Dr. Kayri Havens, Chicago Botanic Gardens	Evaluating Threats & Threat Reduction [1hr]: Dr. Kathryn Kennedy, CPC	Genetic Considerations & Restoration [1hr]: Dr. Stuart Wagenius, Chicago Botanic Gardens	Wrap Up PVA Session [30mins]: Dr. Tiffany Knight, Washington University in St. Louis	Restoration Management Strategies - In Situ [1.75hrs]: Dr. Joyce Maschinski, Fairchild Tropical Botanic Garden			
1:15-1:30									
1:30-1:45									
1:45-2:00									
2:00-2:15		Recovery Criteria: Biological & Functional Aspects of Recovery [1.5hrs]: Dr. Kayri Havens, Chicago Botanic Gardens	Fragmentation and Edge and Its Consequences To Plants [45mins]: Dr. Peter White, NCBG	Population Evaluation - Demography [1.25hrs]: Dr. Pati Vitt, Chicago Botanic Gardens	Surveying For Rare Plants: Inventory & Monitoring [2.75hrs]: Dr. Joyce Maschinski, Fairchild Tropical Botanic Garden				
2:15-2:30									
2:30-2:45			Objectives in Preserve Design [30mins]: Dr. Peter White, NCBG			Break			
2:45-3:00			Break			Break	Break	Restoration Management : In Situ [1hr]: Dr. Joyce Maschinski	
3:00-3:15		Measuring Success and Planning To Measure Success [1.25hrs]: Dr. Kayri Havens, Chicago Botanic Gardens	Issues In Preserve Design & Strategies for Implementation [2hrs]: Dr. Peter White, NCBG	Population Evaluation - Demography [2hrs]: Dr. Pati Vitt, Chicago Botanic Gardens	Surveying For Rare Plants: Inventory & Monitoring [1.25hrs]: Dr. Joyce Maschinski, Fairchild Tropical Botanic Garden	Tools & Partnerships To Get More Done [1hr]: Dr. Anita Tiller, Mercer Arboretum & Botanic Garden			
3:15-3:30									
3:30-3:45							Break	Break	Break
3:45-4:00									
4:00-4:15		Dinner On Your Own	Dinner On Your Own	Dinner On Your Own	Optional Monitoring Exercise [2.25hrs]: Dr. Joyce Maschinski, Fairchild Tropical Botanic Garden	Course Evaluation [30min]			
4:15-4:30									
4:30-4:45									
4:45-5:00									
5:00-5:15	Welcome Reception on the Monet Deck of the Garden	Dinner On Your Own	Dinner On Your Own	Dinner On Your Own	Optional Monitoring Exercise [2.25hrs]: Dr. Joyce Maschinski, Fairchild Tropical Botanic Garden	Dinner On Your Own			
5:15-5:30									
5:30-5:45									
5:45-6:00									
6:00-6:15									
6:15-6:30									
6:30-6:45									
6:45-7:00									
7:00-7:15		Group Discussion - What Are Your Issues? [2hrs]	Week 1 Keynote Speakers: Kathryn Kennedy, CPC "America's Vanishing Flora" & Peter White, North Carolina Botanic Garden "A Conservation Garden"	Group Discussion - Optional Demographic Data Analysis Exercise [2hrs]	Dinner On Your Own	Conclusions - Panel Discussion Group and Wrap-up [2hrs]			
7:15-7:30									
7:30-7:45									
7:45-8:00									
8:00-8:15									
8:15-8:30									
8:30-8:45									
8:45-9:00									
9:00-9:15									
9:15-9:30									

# APC Training Program Syllabus: DBG/USBG Week

Modified April 19, 2005

	Sun June 12th	Mon June 13th	Tues June 14th	Wed June 15th	Thurs June 16th	Fri June 17th				
7:45-8:00		Sign-in & Set-Up		Set-Up	Set-Up	Set-Up				
8:00-8:15		Role of BGs in Cons: Overview [2hrs]: Dan Shepherd, Botanic Garden Conservation International	Brown-Bag Lunch; Field Trip to Mt. Goliath, leave at 7am [7.25hrs]: Panayoti Kelaidis, Mark Fusco, presentation by Celia Curtis, Denver Botanic Gardens	Plant Records [45min]: Cindy Tejral, Denver Botanic Gardens	Cons. Organizations & Funding Resources [2hrs]: Dr. Anna Sher, Denver Botanic Gardens	Case Study [1hr]				
8:15-8:30										
8:30-8:45										
8:45-9:00							Herbarium/Collections [45mins]: Dr. J. Wingate & V. Evenson, Denver Botanic Gardens			
9:00-9:15							Break			
9:15-9:30										
9:30-9:45										
9:45-10:00										
10:00-10:15		Break			Break	Break				
10:15-10:30		Overview of Organizations and Resources [2hrs]: Peggy Olwell, Bureau of Land Management	Brown-Bag Lunch; Field Trip to National Center for Genetic Resources Preservation/Lecture on Seed Storage Lab in Ft. Collins [4.75hrs]: Dr. Christina Walters	Collections [1.5hrs]: Dr. Gary Krupnick, Smithsonian Institution	Grantwriting Tips and Techniques [1hr]: Dr. Jack Kinnamon, University of Denver	Case Study: Betty Ford Alpine Gardens [1hr]: Nicola Ripley, Betty Ford Alpine Gardens				
10:30-10:45										
10:45-11:00										
11:00-11:15										
11:15-11:30							Greenhouse/Tropicals [1hr]: Mike Bordelon, Smithsonian Institution			
11:30-11:45										
11:45-12:00										
12:00-12:15										
12:15-12:30		Lunch			Conservation Horticulture [1.5hrs]: Dan Johnson/Ray Mims, Denver Botanic Gardens	Case Study: Rare Plants [30min]: Tom Grant, DBG				
12:30-12:45									Case Study: Invasives [30min]: Dr. Anna Sher, DBG	
12:45-1:00									Lunch	
1:00-1:15									Lunch	
1:15-1:30		Public Programs [1hr]: Debbie Whittaker, Denver Botanic Gardens				Closing Discussion/Wrap-up/Evaluations [1hr]				
1:30-1:45										
1:45-2:00										
2:00-2:15										
2:15-2:30		Community Participation [1hr]: Tom Grant, Denver Botanic Gardens	Education and Interpretation [1hr]: Martha Dyckes, Celia Curtis, Denver Botanic Gardens		Conservation Horticulture [1.5hrs]: Keith Tomlinson, Meadowlark Botanic Garden					
2:30-2:45										
2:45-3:00										
3:00-3:15										
3:15-3:30		Break	Break		Break					
3:30-3:45		Volunteer Management [1.5hrs]: Jennifer Ceska, Georgia Plant Conservation Alliance	Conservation Education [1.5hrs]: Christine Flanagan, United States Botanic Garden							
3:45-4:00										
4:00-4:15										
4:15-4:30										
4:30-4:45										
4:45-5:00										
5:00-5:15										
5:15-5:30										
5:30-5:45		Dinner On Your Own	Dinner On Your Own	Dinner On Your Own	Dinner On Your Own					
5:45-6:00										
6:00-6:15										
6:15-6:30										
6:30-6:45										
6:45-7:00										
7:00-7:15						Week 2 Welcome Reception/Evening Social [2hrs]				Week 2 Keynote Speaker [1-2hrs]: Tim Carlson, Tamarisk Coalition "Politics, Legislation and Invasive Species"
7:15-7:30										
7:30-7:45										
7:45-8:00										
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8:30-8:45										
8:45-9:00										
9:00-9:15										
9:15-9:30										