

Program Agenda – Imperiled Butterfly and Conservation Management Workshop
 The Toledo Zoo Lodge – July 13 through 16, 2009

Monday, July 13 – Day 1

Time	Location	Activity	Instructor
7:30 – 8:00 AM	Hotel	Transport to Zoo	
8:00 – 8:30AM	Lodge	Arrival – Sign in – Continental Breakfast (Provided)	All
8:30 – 9:00AM	Lodge	Introductions <ul style="list-style-type: none"> ♦ Instructors ♦ Students – what you hope to gain from your participation (<1 min each) 	All
9:00 – 9:10AM	Lodge	Distribution of course materials	All
9:10 – 9:30AM	Lodge	Workshop agenda Workshop objectives <ul style="list-style-type: none"> ♦ Toledo ♦ Other venues (brief overview) 	Jaret, et. al.
9:30 – 10:30AM	Lodge	Basic butterfly biology	Jaret, Doug
9:30 – 10:30AM (alternate)	Zoo	Those who have a good working knowledge of butterfly biology can opt to tour the zoo during this hour	On own
10:30 – 10:40AM	Break		
10:40 – 12:00PM	Lodge	Working with our taxa <ul style="list-style-type: none"> ♦ Life history and overview of programs (staffing, facilities, budget, etc.) ♦ Karner blue ♦ Mitchell’s satyr ♦ Purplish copper 	Peter, Mitch and Candee
12:00 – 1:00PM	Lodge	Lunch (provided)	
1:00 – 3:00PM	Butterfly Conservation Center (BBC)	Hands on work in the BCC <ul style="list-style-type: none"> ♦ Tools and techniques ♦ Handling and manipulation ♦ Record keeping ♦ Transporting ♦ Problems to look for and avoid ♦ Q and A 	Peter, Mitch and Candee

Time	Location	Activity	Instructor
7:30 – 8:00 AM	Hotel	Transport to Zoo	
3:00 – 3:15PM		Break – Meet back at the Lodge	
3:15 – 4:00PM	Lodge	Permitting for Federally listed species	Jenny Finfera - USFWS
4:00 – 4:45PM	Lodge	Partnerships – Putting together a recovery team	Scott Butterworth – ODNR Peter, Mitch and Candee
4:45 – 5:00PM	Lodge	Wrap up	
5:00 – 6:00PM	Zoo	Tour the Zoo (on your own)	
6:00 – 7:30PM	Lodge	Icebreaker (Beverages and hors d'oeuvres)	
7:30PM	Museum	Transport back to Hotel	

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Tuesday, July 14 – Day 2 – Field Day

Time	Location	Activity	Instructor
8:00 AM	Hotel	Transport to the Zoo	
8:30 – 9:00AM	Lodge	Check in – Continental Breakfast (Provided)	
9:00 – 9:15AM	Lodge	Overview of the day's activities	Peter, Mitch and Candee
9:15 – 9:30AM	Museum	Load Vans for Field Trip	
10:00 – 12:00PM	Kitty Todd Preserve (KTP)	Field trip to Kitty Todd Preserve <ul style="list-style-type: none"> ♦ Meet with preserve manager – overview of preserve and management strategies ♦ Karner Blue (KBB) and habitat 	Kelly Paige – TNC Peter, Mitch and Candee
12:00PM	KTP	Load Vans for next leg of field trip	
12:20 – 1:00PM	Oak Openings Park (OOP)	Lunch (box lunch provided by zoo)	
1:00PM	OOP	Load vans	
1:15 – 2:30PM	Moseley Barrens	Field trip to Moseley Barrens – TNC <ul style="list-style-type: none"> ♦ Meet with land manager – overview of management unit and management strategies ♦ KBB release 	Kelly Paige – TNC, Peter, Mitch and Candee
2:30PM	Moseley	Load vans	
2:45 – 3:45PM	Campbell Prairie	Field trip to Oak Openings – Campbell Prairie <ul style="list-style-type: none"> ♦ Meet with land manager – overview of preserve and management strategies ♦ KBB release 	Tim Gallaher – Oak Openings (OO)(other OO staff), Peter, Mitch and Candee

3:45PM	Campbell	Load vans	
4:00 – 4:30PM	OO shelter house	Review of the day – Q and A Overview of Day 3	Jaret, Peter, Mitch and Candee
4:30PM	OO	Load vans	
4:30 – 5:00PM		Back to hotel	

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Wednesday, July 15 – Day 3

Time	Location	Activity	Instructor
7:00AM	Hotel	Pick up – Field trip to Allegan, Michigan	
7:00 – 9:30AM		Drive to Allegan, Michigan	
9:30 – 11:30AM	Allegan	Field trip to Allegan State Game Area <ul style="list-style-type: none"> ♦ Meet with managers – overview of management strategies ♦ KBB and habitat 	John Lerg and Maria Albright – MDNR
11:30AM		Load vans	
12:00 – 1:00PM		Lunch (provided by zoo)	
1:00PM		Load vans	
1:00 – 1:30PM		Drive to Yankee Springs (or other fen)	
1:30 – 3:00PM	Yankee Springs	Field trip to Yankee Springs (or other fen) to observe Mitchell’s satyrs and/or habitat <ul style="list-style-type: none"> ♦ Meet with manager – overview of management strategies ♦ Mitchell’s satyr and habitat 	Christine Hannaberg, Daria Hyde
3:00PM		Load vans for trip back to Toledo	
3:00 – 5:30PM		Trip back to Toledo	

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Wednesday, July 15 – Day 3 (alternate agenda)

Time	Location	Activity	Instructor
7:30AM	Hotel	Pick up	
8:00 – 8:30AM	Lodge	Check in – Continental breakfast (Provided)	
8:30 – 9:15AM	Lodge	Decision Tree – choosing your level of involvement in a butterfly conservation program.	Mitch
9:15 – 10:15AM	Lodge	Writing a recovery plan – components	Peter
10:15 – 10:30AM		Break	
10:30 – 11:00AM	Lodge	Utilizing volunteers in a butterfly recovery program	Bill Davis/Liz Hartman
11:00 – 12:00PM	BCC	Plant propagation – host plants and nectar plants – the do's and don'ts	Candee
12:00 – 1:00PM	Lodge	Lunch (provided)	
1:00PM		Load Vans for Field Trip	
1:00 – 2:00PM		Drive to Lost Nations Fen (alternate – Ives Road Fen)	
2:00 – 3:30PM	Lost Nations	Fen management Fen and other wetland butterflies	Daria Hyde, Peter, Mitch and Candee
3:30PM		Load vans for trip back to Toledo	
3:30 – 5:00PM		Trip back to Toledo – drop off at hotel	

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Thursday, July 16 – Day 4

Time	Location	Activity	Instructor
7:30AM	Hotel	Pick up	
8:00 – 8:30AM	Lodge	Continental Breakfast (Provided)	
8:30 – 9:30AM	Lodge	Getting the word out – <ul style="list-style-type: none"> ♦ Marketing ♦ Education 	Andi Norman Mitch/Linda
9:30 – 10:30AM	Lodge	Overview of IBCM Sharepoint Q and A; wrap up discussion and assignments	Jaret Group
10:30 – 11:00AM	Lodge	Wrap up and Evaluation	
11:00AM		Back to hotel for check out and transportation to airport	