



Butterfly
Conservation

Butterfly Conservation's 6th International Symposium 26 – 28 March 2010

Full Programme

All lectures in main lecture theatre except for parallel sessions in **Lecture Theatre 2**.

Thursday 25th March 2010

- 16:00 Onwards: Registration for accommodation – Park Group Reception
- 16:00 – 18:30 Symposium Registration – Palmer Building Foyer
- 18:00 – 00:00 Bar open – Senior Common Room, Park House
- 19:30 Dinner – Cedars Restaurant

Friday 26th March

- 07:30 – 08:30 Breakfast – Cedars Restaurant
- 08:00 – 08:50 Symposium registration for delegates – Palmer Building Foyer

All Friday sessions in Main Theatre, Palmer Building

Chair: John Dover

- 09:00 Welcome – Sir David Attenborough, President of Butterfly Conservation
- 09:20 Opening Address
Helen Phillips, Chief Executive, Natural England

Session 1: 2010 Assessments for Lepidoptera
Chair: John Dover

- 09:30 **KEYNOTE PAPER:**
COUNTDOWN 2010
Sebastian Winkler
- 09:50 **KEYNOTE PAPER:**
THE POST 2010 TARGET
Ladislav Miko
- 10:00 **KEYNOTE PAPER:**
HOW ARE BUTTERFLIES DOING IN EUROPE?
Chris van Swaay
- 10:30 **Tea/Coffee – Palmer Building Foyer**

- 11:00 BRITISH BUTTERFLY DISTRIBUTIONS AND THE 2010 TARGET
Jim Asher
- 11:20 BUTTERFLY INDICATORS IN THE UK:
2010 ASSESSMENTS
Tom Brereton
- 11:40 LONG-TERM POPULATION STUDIES OF BRITISH MACROMOTHS
Jason Chapman
- 12:00 MOTHS COUNT: RECORDING MOTHS FOR CONSERVATION IN THE
UK
Richard Fox
- 12:20 CONSERVATION OF MOTHS IN THE NETHERLANDS:
STATE OF THE ART ON MOTH BIODIVERSITY FIGURES FROM
HOLLAND
Dick Groenendijk
- 12:40 Lunch – Cedars Restaurant**
- Chair: Martin Warren**
- 13:50 **KEYNOTE PAPER:**
LEPIDOPTERA CONSERVATION IN NORTH AMERICA:
PROVIDING CONTEXT
Scott Black
- 14:20 STATUS OF BUTTERFLIES IN HUNGARY
Szabolcs Safian
- 14:40 DECLINES IN COMMON, WIDESPREAD BUTTERFLIES IN A
LANDSCAPE UNDER INTENSE HUMAN USE
Dirk Maes
- 15:00 BIODIVERSITY LOSS AND BUTTERFLY CONSERVATION IN JAPAN:
PRESENT SITUATION AND FUTURE CHALLENGES
Yasuhiro Nakamura
- 15:20 Tea/Coffee – Palmer Building Foyer**
- 15:50 ASSESSING CONSERVATION STATUS AND TRENDS FOR
BUTTERFLIES USING THE SAMPLED RED LIST INDEX:
BUTTERFLIES OF AFRICA
Owen Lewis
- 16:10 NEOTROPICAL BUTTERFLIES AND THE CONSERVATION
IMPEDIMENT
Blanca Huertas
- 16:30 RECENT DECLINES OF BUTTERFLIES IN NORTH-EAST SPAIN
FOLLOWING HABITAT AND CLIMATE CHANGE
Constanti Stefanescu

Session 2: The Science of Conservation Management

- 16:50 HABITAT RESOURCE DISTRIBUTION PATTERNS
Matthew Williams
- 17:10 BUTTERFLY DIVERSITY IN NORTH EASTERN ANATOLIA, TURKEY:
HABITAT ASSOCIATIONS, HYDROPOWER AND POTENTIAL
CATASTROPHIC BIODIVERSITY LOSS
Evrin Karacetin
- 17:30 CHANGES IN NECTAR SUPPLY: A POSSIBLE CAUSE OF
WIDESPREAD BUTTERFLY DECLINE
Michiel Wallis de Vries
- 17:50 Poster Session 1 – Palmer Building Foyer**
- 18:00 Bar Open – Senior Common Room, Park House
- 19:00 Dinner – Cedars Restaurant

Saturday 27th March

- 07:30 – 08:30 Breakfast – Cedars Restaurant
- 08:40 Registration for day delegates – Palmer Building Foyer
- Chair: Hans van Dyck**
- 09:10 **KEYNOTE PAPER:**
EVIDENCE BASED CONSERVATION OF BUTTERFLIES
Prof Jeremy Thomas, Oxford University

Parallel Session

Session 3: Landscape Scale Conservation**Main Theatre****Chair: Hans van Dyck**

- 09:50 **KEYNOTE PAPER:**
LANDSCAPE SCALE CONSERVATION: RESOURCES, THE MATRIX
AND OPPORTUNITIES
Tim Shreeve and Roger Dennis
- 10:20 BUTTERFLY FECUNDITY IN CHANGING LANDSCAPES: THE
CONSERVATION SIGNIFICANCE OF LIFE HISTORY THEORY
Hans van Dyke
- 10:50 Tea/Coffee – Palmer Building Foyer**
- 11:20 LANDSCAPE-SCALE CONSERVATION IN PRACTICE: LESSONS
FROM NORTHERN ENGLAND
Sam Ellis

- 11:40 LAND USE, ENVIRONMENT, AND THEIR IMPACT ON BUTTERFLY POPULATIONS IN A MOUNTAINOUS PASTORAL LANDSCAPE: SPECIES LEVEL RESPONSES
John Dover
- 12:00 COUNTRYSIDE MOTH CONSERVATION : THE NEED FOR AGRI-ENVIRONMENT SCHEMES TARGETED AT A LANDSCAPE SCALE
Thomas Merckx
- 12:20 LANDSCAPE SCALE FACTORS IN THE PERSISTANCE AND RE-ESTABLISHMENT OF *CARTEROCEPHALUS PALAEMON*: A COMPARISON OF NORTH EAST FRANCE AND EASTERN ENGLAND
John Moore

12:40 Lunch – Cedars Restaurant

Session 3 cont: Landscape Scale Conservation

Main Theatre

Chair: Nigel Bourn

- 13:50 HETEROGENEOUS LANDSCAPES PROMOTE BUTTERFLY POPULATION STABILITY
Tom Oliver
- 14:10 SECURING VIABLE METAPOPOPULATIONS OF THE MARSH FRITILLARY BUTTERFLY IN NORTHERN ENGLAND
Keith Porter
- 14:30 HIGH AND DRY OR SUNK AND DUNKED: LESSONS FOR TALLGRASS PRAIRIES FROM QUAKING BOGS
Ann Swengel
- 14:50 MONITORING BUTTERFLIES WITHIN AN URBANISED LANDSCAPE: THE ROLE OF GARDEN BUTTERFLY POPULATIONS IN A WIDER CONTEXT
Mike Toms
- 15:10 THE MATRIX MATTERS: CONTRASTING RESPONSES OF BUTTERFLY SPECIES RICHNESS TO HABITAT FRAGMENTATION IN LANDSCAPES DOMINATED BY FOREST AND AGRICULTURE
Erik Ockinger

15:30 Tea/Coffee – Palmer Building Foyer

Parallel Session:

Session 4: Practical Habitat Management

Main Theatre

Chair: Nigel Bourn

- 16:00 MANAGEMENT OF A NATURE RESERVE TOWARDS IMPROVING BUTTERFLY HABITAT IN NORTH WEST SCOTLAND: RESULTS OF A SIX YEAR STUDY
Alice Broome

- 16:20 INCREASING NETTED CARPET MOTH NUMBERS IN LAKE DISTRICT WOODLANDS WITH REINTRODUCTION OF CATTLE GRAZING
Paul Hatcher
- 16:40 FROM BEANFIELDS TO BUTTERFLIES
Phil Putwain
- 17:00 SUCCESSFUL MANAGEMENT OF THE LAST HIGH BROWN FRITILLARY (*ARGYNNIS ADIPPE*) SITE IN WALES
Russel Hobson

Parallel Session:

Session 2 cont: The Science of Conservation Management
Lecture Theatre 2
Chair: Rob Wilson

- 09:50 RESPONSE OF BUTTERFLIES AND DAY ACTIVE MOTHS TO EXPERIMENTAL LONG-TERM SET-ASIDES AND SOWN WILDFLOWER STRIPS IN SOUTHERN FINLAND
E. Alanen
- 10:10 ENHANCING BUTTERFLY ABUNDANCE AND DIVERSITY IN EXISTING GRASS BUFFER STRIPS
R. Blake
- 10:30 WHAT CAN SOWN WILDFLOWER STRIPS CONTRIBUTE TO BUTTERFLY CONSERVATION? AN EXAMPLE FROM A SWISS LOWLAND AGRICULTURAL LANDSCAPE.
C. Haaland

10:50 Tea/Coffee – Palmer Building foyer

- 11:20 MOWING AND BUTTERFLY BEHAVIOUR: HOW DO MEADOW BROWNS (*MANIOLA JURINA*) COPE WITH A SUDDEN REDUCTION IN NECTAR AVAILABILITY?
J. Lebeau
- 11:40 *LEPTIDEA SINAPIS* (WOOD WHITE BUTTERFLY) EGG-LAYING HABITAT AND ADULT DISPERSAL STUDIES IN HEREFORDSHIRE
Susan Clarke
- 12:00 NATIONAL RECOVERY PROJECT FOR *LEPTIDEA SINAPIS* (WOOD WHITE BUTTERFLY), A DECLINING HIGH PRIORITY SPECIES IN BRITAIN
Stephen Jeffcoate
- 12:20 BREEDING SITE SELECTION IN *APATURA IRIS*
Matthew Oates

12:40 Lunch – Cedars Restaurant

Chair: Jim Asher

- 13:50 THE EFFECTS OF HABITAT FRAGMENTATION ON THE HABITAT PREFERENCES OF MARSH FRITILLARIES (*EUPHYDRYAS AURINIA*)
Marc Botham

- 14:10 INTER AND INTRASPECIFIC DETERMINANTS OF ABUNDANCE IN UK BUTTERFLIES
Nick Isaac
- 14:30 BUTTERFLIES ON THE BRINK: HABITAT REQUIREMENTS FOR DECLINING POPULATIONS OF THE MARSH FRITILLARY (*EUPHYDRYAS AURINIA*) IN SOUTH WEST ENGLAND
Mel Smee
- 14:50 THE DUKES VERSUS BLUES PROJECT: MANAGEMENT LESSONS FROM CHALK GRASSLANDS
Colin Lucas
- 15:10 EXTINCTION DEBT EVIDENT FOR GRASSLAND BUTTERFLIES HALF CENTURY AFTER HABITAT LOSS
Anu Sang

15:30 Tea/Coffee – Palmer Building Foyer

- 16:00 EFFECT OF LANDSCAPE CONTEXT AND TIME SINCE TRANSITION TO ORGANIC FARMING ON BUTTERFLIES AND PLANTS
D. Jonason
- 16:20 ENCOURAGING UNDERGROUND CONNECTIVITY OF *ELYTRIGIA JUNCEA*: THE KEY MANAGEMENT STRATEGY FOR THE CONSERVATION OF THE SANDHILL RUSTIC MOTH IN CORNWALL, UK
Adrian Spalding
- 16:40 HABITAT PREFERENCES AND FACTORS INFLUENCING THE ABUNDANCE OF *MACULINEA ARION* IN A METAPOPOPULATION SYSTEM
Magdalena Witek
- 17:00 NOT ONLY BUTTERFLIES: MANAGING ANTS TO BENEFIT *MACULINEA* BUTTERFLIES
Irma Wynhoff

17:30 Poster Session 2 with Wine Reception sponsored by European Interest Group – Palmer Building Foyer

19:00 Dinner – Cedars Restaurant

18:00 – 01:00 Bar open – Senior Common Room, Park House

Sunday 28th March (Note clocks go forward 1 hour overnight)

07:30 – 08:30 Breakfast – Cedars Restaurant

Main Theatre

Chair: Owen Lewis

- 09:10 **KEYNOTE PAPER:**
BUTTERFLY RESPONSES TO CLIMATE CHANGE, AND WHAT WE SHOULD DO
Prof Chris Thomas, University of York

Parallel Session:

Session 5: The Science of Monitoring
Main Theatre
Chair: Owen Lewis

09:40 DEVELOPING AND LAUNCHING A WIDER COUNTRYSIDE
BUTTERFLY MONITORING METHOD
Katie Cruickshanks

10:00 ENHANCING THE USE OF BUTTERFLY DATA IN SPECIAL PLANNING:
ESTABLISHING THE NATIONAL DATA AUTHORITY IN THE
NETHERLANDS
Theo Verstrael

Parallel Session:

Session 7: Future Challenges
Main Theatre
Chair: Owen Lewis

10:20 BUTTERFLIES AND FARMING: A EUROPEAN PERSPECTIVE
John Dover

10:40 Tea/Coffee – Palmer Building Foyer

11:10 TARGETING THE HIGHER LEVEL ENVIRONMENT STEWARDSHIP
SCHEME TO BENEFIT BIODIVERSITY
Andrew Thompson

11:30 THE RECOVERY OF BUTTERFLY AND MOTH POPULATIONS AND
THEIR HABITATS – THE ROLE OF EUROPEAN POLICY
IMPLEMENTATION AND REFORM
Sue Collins

11:50 2010 AND COUNTING: INSIGHTS INTO THE STATUS OF THE
WORLD'S SPECIES
Anabelle Cuttlelod

Parallel Session:

Session 6: Climate Change Impacts and Adaptation
Lecture Theatre 2
Chair: Richard Fox

09:40 THE VULNERABILITY OF LEPIDOPTERA AND OTHER INSECTS TO
CLIMATE CHANGE
Rob Wilson

10:00 TESTING THE ACCURACY OF BIOCLIMATIC MODELS IN
PREDICTING CLIMATE CHANGE INDUCED RANGE SHIFTS OF
AUSTRALIAN BUTTERFLIES
K. McClellan

10:40 Tea/Coffee – Palmer Building Foyer

**Session 6 cont: Climate Change Impacts and Adaptations
Lecture Theatre 2**

10:20 FUTURE POSSIBILITIES FOR SYNCHRONIZATION OF HATCHING
DATE OF BROWN HAIRSTREAK (*THECLA BETULAE*) AND
BUDBURST OF BLACKTHORN (*PRUNUS SPINOSA*)
Henk de Vries

10:40 Tea/Coffee – Palmer Building Foyer

11:10 THE ROLE OF CLIMATE CHANGE IN BUTTERFLY POPULATION
EXTINCTIONS
Simona Bonelli

11:30 BUTTERFLY ABUNDANCE OVER SPACE AND TIME: MODELLING
THE IMPACTS OF CLIMATE CHANGE
David Roy

11:50 THE EUROPEAN CLIMATE CHANGE INDICATOR
Chris van Swaay

12:15 **KEYNOTE PAPER (IN MAIN LECTURE THEATRE):**
CHALLENGES FOR THE FUTURE
Mark Avery

12:35 **CLOSING THOUGHTS: 10 CHALLENGES FOR 2010**
Martin Warren

12:55 Lunch – Cedars Restaurant

13:30 **Field Trip to Greenham Common (Packed lunch available)**

Approx 17:00 **Return to University from Field Trip and depart**