



Butterfly
Conservation

Butterfly Conservation's 6th International Symposium

Full Programme

Thursday 25th March

- 16:00 Onwards: Registration for accommodation
- 16:00 – 18:30 Symposium Registration
- 18:00 Bar open
- 19:30 Dinner

Friday 26th March

- 07:30 – 08:30 Breakfast

All Friday sessions in Main Theatre

- 08:40 Symposium registration for delegates
- 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

- 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**
- 11:00 BRITISH BUTTERFLY DISTRIBUTIONS AND THE 2010 TARGET
Jim Asher

- 11:20 BUTTERFLY INDICATORS IN THE UK:
2010 ASSESSMENTS
Tom Brereton
- 11:40 MOTHS COUNT: RECORDING MOTHS FOR CONSERVATION IN THE
UK
Richard Fox
- 12:00 LONG-TERM POPULATION STUDIES OF BRITISH MACROMOTHS
Jason Chapman
- 12:20 CONSERVATION OF MOTHS IN THE NETHERLANDS:
STATE OF THE ART ON MOTH BIODIVERSITY FIGURES FROM
HOLLAND
Dick Groenendijk
- 12:40 Lunch**
- 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
- 13:00 BIODIVERSITY LOSS AND BUTTERFLY CONSERVATION IN JAPAN:
PRESENT SITUATION AND FUTURE CHALLENGES
Yasuhiro Nakamura
- 15:20 Tea/Coffee**
- 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**
- 18:00 Bar Open
- 19:00 Dinner

Saturday 27th March

- 07:30 – 08:30 Breakfast
- 08:40 Registration for day delegates
- 09:10 **KEYNOTE PAPER:**
EVIDENCE BASED CONSERVATION OF BUTTERFLIES
Prof Jeremy Thomas, Oxford University

Session 2 cont: The Science of Conservation Management
Lecture Theatre 2

- 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**

- 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

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

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
L. Casacci

17:00 NOT ONLY BUTTERFLIES: MANAGING ANTS TO BENEFIT *MACULINEA* BUTTERFLIES
Irma Wynhoff

Parallel Session

Session 3: Landscape Scale Conservation
Main Theatre

- 09:50 **KEYNOTE PAPER:**
LANDSCAPE SCALE CONSERVATION: RESOURCES, THE MATRIX
AND OPPORTUNITES
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**
- 11:20 CONSERVING THE DUKE OF BURGUNDY IN BRITAIN: NATIONAL
STATUS REVIEW AND LESSONS FROM THE NORTH YORK MOORS,
UK
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**
- 13:50 HETEROGENEOUS LANDSCAPES PROMOTE BUTTERFLY
POPULATION STABILITY
Tom Oliver
- 14:10 SECURING VIABLE METAPOPULATIONS 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**

Parallel Session:

**Session 4: Practical Habitat Management
Main Theatre**

- 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
- 17:30 **Poster Session 2 with Drinks Reception**
- 19:00 Dinner

Sunday 28th March

- 07:30 – 08:30 Breakfast
- 09:10 **KEYNOTE PAPER:**
TBC
Prof Chris Thomas, University of York

Parallel Session:

**Session 5: The Science of Monitoring
Main Theatre**

- 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 6: Climate Change Impacts and Adaptation
Lecture Theatre 2**

- 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

Parallel Session:

**Session 7: Future Challenges
Main Theatre**

- 10:20 BUTTERFLIES AND FARMING: A EUROPEAN PERSPECTIVE
John Dover
- 10:40 **Tea/Coffee**
- 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
A. Cuttlelod

Parallel Session:

**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**

- 11:10 THE ROLE OF CLIMATE CHANGE IN BUTTERFLY POPULATION
EXTINCTIONS
S. 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**
- 13:30 **Field Trip to Greenham Common (Packed lunch available)**