**PROGRAMME SUMMARY: Friday 4th April 2014**

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<th>Time</th>
<th>LECTURE THEATRE A</th>
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<tr>
<td>09.00</td>
<td>Welcome</td>
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<td>Martin Warren</td>
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<td>09.10</td>
<td><em>Butterflies, Moths, Climate Change and Conservation</em></td>
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<td>Chris Thomas</td>
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<td>David Gutiérrez</td>
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<td>Toke T. Høye</td>
<td>Dan Leština</td>
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<td>Michael C. Singer</td>
<td>Emily Saarinen</td>
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<td>14.00</td>
<td>The Contribution to Conservation and Research of 40 Years of Scientific Butterfly Monitoring in the UK</td>
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<td>Zoe Randle</td>
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<td>Anne Eskildsen</td>
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<td>Markus Franzén</td>
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<td>16.00</td>
<td>Benoît Fontaine</td>
<td>Ann B. Swengel</td>
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<td>Nicolas Schtickzelle</td>
<td>Irma Wynhoff</td>
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<td>17.00</td>
<td>Reto Schmucki</td>
<td>Jon Curson</td>
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<td>17.30</td>
<td>How the Blues Began: Butterfly Conservation and the American Experience</td>
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<td>Bob Pyle</td>
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## PROGRAMME SUMMARY: Saturday 5th April 2014

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<tr>
<td>09.00</td>
<td>Observations on the Ecology and Behaviour of the three cryptic Wood Whites, Leptidea sinapis, L. juvernica and L. reali. Christer Wiklund</td>
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<td><strong>HABITAT MANAGEMENT 2</strong></td>
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<td><strong>CONSERVATION IN THE WIDER COUNTRYSIDE 1</strong></td>
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<td>Endangered Butterflies Under Rapidly Changing Climate: Good News at Last! Camille Parmesan</td>
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<td>Yasuhiro Nakamura</td>
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<td><strong>Hedgerows, Trees and Woodlands:</strong> Mitigation of Macro-Moth Declines Within Intensively Farmed Landscapes Thomas Merckx</td>
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<td>Landscape-Scale Conservation for Butterflies and Moths: Lessons from the UK Sam Ellis</td>
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<td>Measuring and Understanding Human Perceptions of Insects and Butterflies Through Qualitative Research Raynald H. Lemelin</td>
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<td>Western Monarchs – A Holistic Conservation Strategy Scott H. Black</td>
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<td>Low Floral Nectar Acquisition Severely Reduces Butterfly Survival in Simplified Agricultural Landscapes Hans Van Dyck</td>
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<td>Restoration of Butterfly Habitat Within Farmed Landscapes Richard F. Pywell</td>
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<td>UPHILL AND DOWNHILL MIGRATIONS IN THE BRIMSTONE BUTTERFLY GONEPTERYX RHAMNI ARE</td>
<td>INBREEDING’S KISS OF DEATH: INDIVIDUAL HOMOZYGOSITY NEGATIVELY AFFECTS POPULATION</td>
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<td>PHENOLOGY OF HIGH-ARCTIC BUTTERFLIES AND THEIR FLORAL RESOURCES:</td>
<td>SURVIVORS FROM A GENETIC POINT OF VIEW – RETREAT OF A</td>
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<td>SPECIES-SPECIFIC RESPONSES TO CLIMATE CHANGE</td>
<td>CONTINUOUS POPULATION OF ARGYNNIS NIOBE HAS LEFT CASTAWAYS ON HABITAT ISLANDS</td>
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<td>HIGH RESILIENCE TO CLIMATE CHANGE IN A BUTTERFLY WITH STRONG LOCAL ADAPTATION</td>
<td>CONSERVATION GENETICS OF ENDANGERED PRAIRIE LEPIDOPTERA IN THE</td>
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<td>Michael C. Singer</td>
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## FULL PROGRAMME: Friday 4th April 2014

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<td>IMPACTS OF CLIMATE EXTREMES MAY OUTWEIGHT BENEFITS OF INCREMENTAL CLIMATE WARMING FOR THERMOPHILOUS BUTTERFLY SPECIES</td>
<td>BUTTERFLY CONSERVATION IN SOUTHERN AFRICA</td>
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<td>CONSERVING BUTTERFLIES UNDER CLIMATE CHANGE: TOPOGRAPHICAL VARIATION REDUCES PHENOLOGICAL MISMATCHES BETWEEN BUTTERFLIES AND THEIR NECTAR SOURCES</td>
<td>EXTINCTION, DECLINE, AND LOSS OF BUTTERFLIES IN SOUTHERN FLORIDA</td>
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<td>Bethan J. Hindle</td>
<td>Jaret C. Daniels</td>
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<td>THE ROLES OF MICROCLIMATE, HABITAT USE AND METAPOPULATION DYNAMICS AT EXPANDING AND CONTRACTING BUTTERFLY SPECIES RANGE MARGINS</td>
<td>DECLINE OF MACRO-MOTHS IN THE NETHERLANDS: TOWARDS A RED LIST OF SPECIES</td>
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<td>CHANGES IN BUTTERFLY BETA DIVERSITY STRUCTURE DURING THE LAST 40 YEARS OVER BRITAIN</td>
<td>LANDSCAPE ECOLOGY OF THREATENED MYRMECOPHILOUS SOUTH AFRICAN BUTTERFLY SPECIES, WITH SPECIAL REFERENCE TO CHRYSORITIS AUREUS (VAN SON, 1966) (LEPIDOPTERA: LYCAENIDAE), THE GOLDEN COPPER</td>
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<td>CHANGES IN MORPHOLOGY AND MOVEMENT OF RANGE EXPANDING SPECIES</td>
<td>LONG-TERM TRENDS OF MACRO-MOTHS IN BRITAIN: PATTERNS AND CAUSES</td>
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<td>14.00</td>
<td><strong>THE CONTRIBUTION TO CONSERVATION AND RESEARCH OF 40 YEARS OF SCIENTIFIC BUTTERFLY MONITORING IN THE UK</strong>&lt;br&gt;Tom Brereton</td>
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<td><strong>STATUS OF LEPIDOPTERA 2</strong>&lt;br&gt;Chair:</td>
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<td>14.30</td>
<td><strong>THE WIDER COUNTRYSIDE BUTTERFLY SURVEY: HALF A DECADE OF MONITORING BY VOLUNTEERS</strong>&lt;br&gt;Zoe Randle</td>
<td><strong>THE ROLE OF MUSEUMS IN ASSESSING THE CONSERVATION STATUS OF BUTTERFLIES</strong>&lt;br&gt;Blanca Huertas</td>
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<td><strong>MODELLING POPULATION CHANGES USING DATA FROM DIFFERENT UKBMS SURVEYS: THE WIDER COUNTRYSIDE BUTTERFLY SURVEY AND POLLARD WALKS</strong>&lt;br&gt;David B. Roy</td>
<td><strong>A CENTURY OF SPECIES LOSS AND BIOTIC HOMOGENISATION IN DANISH BUTTERFLIES</strong>&lt;br&gt;Anne Eskildsen</td>
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<td><strong>PATTERNS AND CAUSES OF COVARIATION IN BUTTERFLY AND BIRD COMMUNITY STRUCTURE</strong>&lt;br&gt;Kate Risely</td>
<td><strong>CHANGES IN THE MOTH ASSEMBLAGE OF SOUTHERN SWEDEN 2003 TO 2013</strong>&lt;br&gt;Markus Franzén</td>
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<td><strong>HABITAT MANAGEMENT 1</strong>&lt;br&gt;Chair:</td>
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<td>16.00</td>
<td><strong>BUTTERFLY MONITORING SCHEMES IN FRANCE: FRAMEWORK, TARGETS AND RESULTS</strong>&lt;br&gt;Benoît Fontaine</td>
<td><strong>GRASS-SKIPPER (HESPERIINAE) TRENDS IN MIDWESTERN USA GRASSLANDS DURING 1988-2013</strong>&lt;br&gt;Ann B. Swengel</td>
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<td>16.20</td>
<td><strong>SO MANY BUTTERFLIES, SO LITTLE TIME: USING THE RELATIVE ABUNDANCE OF INDICATOR SPECIES TO ENABLE RAPID SITE COMPARISONS IN THE NEOTROPICS</strong>&lt;br&gt;Michael P. Gillman</td>
<td><strong>LANDSCAPE ECOLOGY OF BUTTERFLY SPECIES FROM TSWALU KALAHARI: ENHANCING A SENSE OF PLACE</strong>&lt;br&gt;Reinier F. Terblanche</td>
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<td><strong>REDUCED CAPTURE-RECAPTURE SAMPLING SCHEME BETTER ESTIMATE POPULATION SIZE THAN POLLARD TRANSECT COUNTS IN TWO BUTTERFLY SPECIES</strong>&lt;br&gt;Nicolas Schtickzelle</td>
<td><strong>IN SEARCH OF GREAT BURNETS, RED ANTS AND SPRINGTAILS: GETTING THE HABITAT RIGHT FOR PHENGARIS (MACULINEA) TELEIUS BUTTERFLIES</strong>&lt;br&gt;Irma Wynhoff</td>
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<td><strong>MERGING NATIONAL MONITORING SCHEMES TO GAIN STRENGTH IN ASSESSING BUTTERFLY RESPONSES TO GLOBAL CHANGE.</strong>&lt;br&gt;Reto Schmucki</td>
<td><strong>NATURAL ENGLAND’S SPECIES RECOVERY PROGRAMME</strong>&lt;br&gt;Jon Curson</td>
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<td>17.30</td>
<td><strong>HOW THE BLUES BEGAN: BUTTERFLY CONSERVATION AND THE AMERICAN EXPERIENCE</strong>&lt;br&gt;Bob Pyle</td>
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<td>18.00</td>
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<td>09.00</td>
<td><strong>OBSERVATIONS ON THE ECOLOGY AND BEHAVIOUR OF THE THREE CRYPTIC WOOD WHITES, LEPTIDEA SINAPIS, L. JUVERNICA AND L. REALI.</strong>&lt;br&gt;Christer Wiklund</td>
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<td>09.30</td>
<td><strong>RESOURCE-BASED CONSERVATION OF AN ENDANGERED ECOTONE SPECIES, THE ILEX HAIRSTREAK (SATYRIUM ILICIS).</strong>&lt;br&gt;Dirk Maes</td>
<td><strong>THE DECLINE, ECOLOGY AND CONSERVATION OF Lycaena helle IN THE PYRENEES</strong>&lt;br&gt;Graham E. Hart</td>
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<td><strong>THE ECOLOGY AND CONSERVATION OF THESTOR BRACHYCERUS BRACHYCERUS (TRIMEN, 1883) – A CRITICALLY ENDANGERED APHYTOPHAGOUS MILETINE BUTTERFLY FROM SOUTH AFRICA</strong>&lt;br&gt;Elizabeth A. Bazin</td>
<td><strong>BEAUTY WITH BENEFITS: BUTTERFLY CONSERVATION IN WASHINGTON STATE, USA WINE GRAPE VINEYARDS</strong>&lt;br&gt;David G. James</td>
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<td><strong>THE CHANGING OF BUTTERLY ABUNDANCE IN A MOUNTAIN OF NORTH VIETNAM 2002-2013</strong>&lt;br&gt;Vu Van Lien</td>
<td><strong>IMPACT OF FLOOD CONTROL ON COMMUNITIES OF MEADOW BUTTERFLIES IN THE NATIONAL PARK DONAU-AUEN (AUSTRIA)</strong>&lt;br&gt;Rebecca Fies</td>
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<td><strong>THE ECOLOGY AND PERSISTENCE OF MONTANE ENDEMIC BUTTERFLY SPECIES IN SOUTHERN MEXICO</strong>&lt;br&gt;Jorge L. León-Cortés</td>
<td><strong>SUMMER OF 2013: ARE BUTTERFLIES MORE RESILIENT THAN EXPECTED?</strong>&lt;br&gt;Chris A.M. Van Swaay</td>
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<td>11.20</td>
<td><strong>LEPTIDEA SINAPIS</strong> (WOOD WHITE BUTTERFLY) IN SOUTHERN BRITAIN: CURRENT STATUS AND A SURVIVAL STRATEGY. Stephen L. Jeffcoate</td>
<td>BUTTERFLY ABUNDANCE IS DETERMINED BY RESOURCE AVAILABILITY AND MEDIATED BY SPECIES TRAITS Nick J.B. Isaac</td>
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<td>11.40</td>
<td>HABITAT USE AND HOST ANT PREFERENCE OF LARGE BLUE (PHENGARIS ARION, LYCAENIDAE) POPULATIONS close to the northern distribution limit Margus Vilbas</td>
<td>QUANTIFYING DISPERSAL ABILITY OF BRITISH MACRO-MOTHS USING TETHERED FLIGHT Hayley B.C. Jones</td>
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<td>12.00</td>
<td>THE ENIGMA OF THE WOOD WHITE BUTTERFLIES LEPTIDEA JUVERNICA AND LEPTIDEA SINAPIS IN BRITAIN AND IRELAND Brian Nelson</td>
<td>DISPERSal BEHAVIOR OF ALPINE EREBIA (NYMPHALIDAE) BUTTERFLIES: WHAT CONSTITUTES A HABITAT BARRIER? Daniela Polic</td>
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<td>12.20</td>
<td>EGG-LAYING AND LARVAL MICROHABITAT CHOICE OF COENONYMPHA OEDIPPUS ACROSS EUROPE Tatjana Čelik</td>
<td>PLANT NITROGEN CONTENT AND SIZE IN BUTTERFLIES AND MOTHS ARE POSITIVELY RELATED, FURTHER ENHANCING THE LARGE-SCALE HOMOGENIZATION OF BUTTERFLY AND MOTH COMMUNITIES Juha Pöyry</td>
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<td>13.50</td>
<td>ENDANGERED BUTTERFLIES UNDER RAPIDLY CHANGING CLIMATE: GOOD NEWS AT LAST! Camille Parmesan</td>
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<td>CLIMATE CHANGE 3 Chair:</td>
<td>CONSERVATION IN THE WIDER COUNTRYSIDE 1 Chair:</td>
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<td>14.20</td>
<td>THE ROLE OF MICROCLIMATIC REFUGIA IN MODIFYING BUTTERFLY RESPONSES TO CLIMATE. Andrew J. Suggitt</td>
<td>A BIODIVERSITY TOOL FOR BUTTERFLY CONSERVATION ON BUSINESS SITES Albert Vliegenthart</td>
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<td>16.50</td>
<td><strong>THE DEVELOPMENT OF A SURVEILLANCE NETWORK FOR THE MARSH FRITILLARY</strong></td>
<td><strong>IDYLL: FLOWERS FOR BUTTERFLIES, BEES AND PEOPLE</strong></td>
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<td><strong>EUPHYDRYAS AURINIA IN WALES: THE NEED FOR ROBUST DATA</strong></td>
<td>Kars Veling</td>
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<td>FROM A REPRESENTATIVE NETWORK OF COLONIES</td>
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<td>Clare L. Williams</td>
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<td>17.10</td>
<td><strong>SUCCESSFUL TRANSLOCATION AND METAPOPULATION ESTABLISHMENT OF</strong></td>
<td><strong>LEPIDOPTERA COMMUNITIES ACROSS A LANDSCAPE GRADIENT: HOW</strong></td>
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<td><strong>THE THREATENED CLOUDED APOLLO BUTTERFLY</strong></td>
<td><strong>IMPORTANT IS HABITAT CONTEXT IN SUPPORTING HIGH DIVERSITY?</strong></td>
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<td>Mikko Kuussaari</td>
<td>Marc S. Botham</td>
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<td>17.30</td>
<td><strong>THE IMPERILED MARDON SKIPPER BUTTERFLY – A CONSERVATION SUCCESS</strong></td>
<td><strong>A STRATEGIC APPROACH TO COMPILING IMPROVED TRENDS FOR THE</strong></td>
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<td>Scott H. Black</td>
<td><strong>CHEQUERED SKIPPER AND PEARL-BORDRED FRITILLARY IN SCOTLAND.</strong></td>
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<td>Tom Prescott</td>
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<td>17.50</td>
<td><strong>ABUNDANCES AND MOVEMENT OF THE SCARCE COPPER (LYCAENA</strong></td>
<td><strong>NEW WAYS OF PRESERVING OLD BIODIVERSITY</strong></td>
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<td><strong>VIRGAUREAE) ON FUTURE BUILDING SITES AT A SETTLEMENT FRINGE IN</strong></td>
<td>Nils Ryrholm</td>
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<td>Christine Haaland</td>
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<td>18.15</td>
<td><strong>POSTER SESSION 2 &amp; WINE RECEPTION</strong></td>
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<td>Gala Dinner</td>
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| 09.00 | HEDGEROWS, TREES AND WOODLANDS: MITIGATION OF MACRO-MOTH DECLINES WITHIN INTENSIVELY FARMED LANDSCAPES  
Thomas Merckx | SPECIES & ECOLOGY CONSERVATION 4  
Chair: |
| **LANDSCAPE SCALE CONSERVATION**  
Chair: | **LYCAENA DISPAR IN ESTONIA: AN INVASIVE GENERALIST**  
Toomas Tammaru |
| 09.30 | STONEHENGE LANDSCAPE GRASSLAND RECREATION INCREASES LANDSCAPE CONNECTIVITY FOR BUTTERFLIES  
Grace Twiston-Davies | MOBILITY DYNAMICS, HABITAT PREFERENCES AND CONSERVATION PERSPECTIVES OF THE EUPHYDRYAS AURINIA COMPLEX  
Simona Bonelli |
| 09.50 | PLAYING WITH BUTTERFLY DISPERAL RULES: THE EFFECTS OF PERCEPTUAL RANGE ON FUNCTIONAL CONNECTIVITY IN DIFFERENTLY FRAGMENTED LANDSCAPES  
Gwennaël Bataille | **THE RISE AND DEMISE OF THE GLANVILLE FRITILLARY ON THE ISLE OF WIGHT: IS BRITAIN’S RAREST BUTTERFLY ABOUT TO GO EXTINCT?**  
Robin J. Curtis |
| 10.10 | CORRIDORS AND BARRIERS IN BIODIVERSITY CONSERVATION: A NOVEL RESOURCE-BASED HABITAT PERSPECTIVE FOR BUTTERFLIES  
Tim G. Shreeve | |
| 10.30 | Coffee | |
| **FINAL PLENARY SESSION**  
Chair: | **LANDSCAPE-SCALE CONSERVATION FOR BUTTERFLIES AND MOTHS: LESSONS FROM THE UK**  
Sam Ellis |
| 11.00 | | |

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Butterfly Conservation 7th International Symposium  
Friday 4th to Sunday 6th April 2014  
Southampton University
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<td>11.20</td>
<td>MEASURING AND UNDERSTANDING HUMAN PERCEPTIONS OF INSECTS AND BUTTERFLIES THROUGH QUALITATIVE RESEARCH&lt;br&gt;Raynald H. Lemelin</td>
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<td>WESTERN MONARCHS – A HOLISTIC CONSERVATION STRATEGY&lt;br&gt;Scott H. Black</td>
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<td>12.00</td>
<td>LOW FLORAL NECTAR ACQUISITION SEVERELY REDUCES BUTTERFLY SURVIVAL IN SIMPLIFIED AGRICULTURAL LANDSCAPES&lt;br&gt;Hans Van Dyck</td>
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<td>12.20</td>
<td>RESTORATION OF BUTTERFLY HABITAT WITHIN FARMED LANDSCAPES&lt;br&gt;Richard F. Pywell</td>
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