

Catalogue of the papers and correspondence of

Wilfrid Hogarth Dowdeswell

(1914 - 1996)

by Lizzie Richmond and Peter Harper

NCUACS catalogue no. 83/4/99

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GENERAL INTRODUCTION

PROVENANCE

The papers were received in April 1999 from Mrs M. Dowdeswell, the widow of Professor Dowdeswell.

OUTLINE OF THE CAREER OF WILFRID HOGARTH DOWDESWELL

Wilfrid Hogarth ('Bunny') Dowdeswell was born on 16 June 1914 in Northam, Devon. He was educated at Sherborne School, Dorset and Merton College, Oxford. After a short spell of teaching at Canford School, Wimborne, Dorset, from 1937 to 1939 he planned to return to Oxford to continue his studies in zoology but was prevented from doing so by the outbreak of World War II. His military service included work with the Army Operational Research Unit in the Far East and with the Scientific Advisory Department of the War Office.

After the war Dowdeswell returned to teaching. Between 1946 and 1951 he was an assistant master at Blundell's School, Tiverton, Devon. In September 1951 he took up a post at Winchester College where he eventually became head of the science department. During the school vacations he travelled extensively. He made visits to the USA, Ceylon and Rhodesia as part of academic programmes overseas and was a member of a UNESCO project on biology teaching in Ghana. Between 1963 and 1965 Dowdeswell acted as organiser of the Nuffield Foundation O-level project. He was joint co-ordinator with P. J. Kelly of the Nuffield Foundation A-level project from 1966 to 1969.

Dowdeswell joined the recently instituted University of Bath School of Education, which placed particular emphasis on the development of science and mathematics teaching, as a senior lecturer in January 1969 and was promoted to a personal chair in 1972. He served as head of the school from 1974 to 1977 before retiring in 1979. During his time at the University of Bath Dowdeswell maintained his association with the Nuffield Foundation and led an inter-university biology teaching venture with the universities of Birmingham, Glasgow, London and Sussex.

As well as being Britain's first professor of biological education, Dowdeswell was also a respected academic biologist, specialising in ecology and lepidoptery. He taught a course in ecological genetics to undergraduate students in the University of Bath School of Biological Sciences and worked closely with, amongst others, the Oxford geneticist E. B. Ford, on various aspects of national butterfly

populations. Many of Dowdeswell's pupils throughout his long teaching career joined him on his regular field trips and specimen gathering excursions.

Dowdeswell's interest in and contribution to education continued after his retirement with the aid of a Leverhulme Emeritus Fellowship. He also became more actively involved in the life of his home village of Atworth, Wiltshire, encouraging an enthusiasm for wildlife amongst local primary school children and promoting the work of the Wiltshire Trust for Nature Conservation.

DESCRIPTION OF THE COLLECTION

The material is presented in the order given in the contents list. It covers the period from 1936 to 1996.

Section A, Biographical, contains a small amount of material, mainly in photographic form, relating to various aspects of Dowdeswell's academic and teaching career.

Section B, Research, is the largest section in the catalogue and constitutes a fairly comprehensive representation of Dowdeswell's work with isolated butterfly populations in the south west of England over an extended period from 1936 up until 1967. Two series of field notebooks and a set of statistical data relating to the Meadow Brown (*Maniola jurtina*) butterfly document Dowdeswell's methods and results including his collaborative work with E. B. Ford. Material relating to Dowdeswell's work on other species of butterfly and on snails also appears in this section.

Section C, University of Bath School of Education, mainly comprises material relating to the major part played by Dowdeswell in one of the School's first joint programmes with industry. The 'Decisions' series of educational resource packs were an innovative way of introducing mathematics, geography and general studies students to the policy-making processes of industry. This section also contains a small amount of photographic material.

Section D, Wiltshire Trust for Nature Conservation, contains material from between 1987 and 1994 relating to Dowdeswell's increased activity within the village of Atworth, Wiltshire, following his retirement. The series of guides to Wiltshire wildlife reserves and nature trails he wrote for the Wiltshire Trust for Nature Conservation are illustrative of his lifelong commitment to raising awareness and enhancing knowledge of the natural environment.

Section E, Publications, is composed of off-prints of scientific and academic papers and other publications by Dowdeswell. Dating from between 1936 and 1985 these publications are indicative of Dowdeswell's wide range of interests. Subjects covered include curriculum development, butterfly research, practical observations on the teaching of science in schools and universities, genetic ecology and Nuffield Foundation educational projects.

There is also an index of correspondents.

ACKNOWLEDGEMENTS

We are very grateful to Mrs Dowdeswell for her assistance in making this material available.

L. Richmond

Bath 1999

SECTION A	BIOGRAPHICAL	A.1-A.8
	A.1, A.2	OBITUARIES
	A.3, A.4	CAREER
	A.5-A.8	PHOTOGRAPHS
A.1, A.2	OBITUARIES	1997
A.1	<i>Antenna</i> , Royal Entomological Society publication, 21 (4) 1997.	
A.2	<i>Topics</i> , the Newspaper of the University of Bath, Issue 56, 22 April 1997.	
A.3, A.4	CAREER	1972
A.3	Copy of entry from Winchester College Register, 1915-1960.	
A.4	Newspaper cuttings <i>re</i> W. H. Dowdeswell's election to personal chair at the University of Bath School of Education, September 1972.	
A.5-A.8	PHOTOGRAPHS	1971-1985
A.5	W. H. Dowdeswell, K. G. McWhirter, R. Creed and E. B. Ford studying Meadow Brown butterfly specimens, n.d. ca ?late 1960s. Black and white photograph.	
A.6	Delegates at the 2nd AABE Conference, Tokyo, Japan, 11-17 August 1971. Three black and white photographs	

Biographical

- A.7 'Carrels and Self-Instruction Programmes'. Contents of envelope so inscribed.
- Eleven black and white photographs showing ?Biology undergraduate students at work, n.d. ca ?early 1970s.
- A.8 Collecting butterfly specimen, ?Hampshire, July 1985.
- Four colour photographs.

SECTION B	RESEARCH	B.1-B.73
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B.1-B.64	MEADOW BROWN (<i>MANIOLA JURTINA</i>) AND COMMON BLUE (<i>POLYMMATUS (LYCAENA) ICARUS</i>)	
B.65	GREEN-VEINED WHITE (<i>PIERIS NAPI</i>)	
B.66	SCARLET TIGER MOTH (<i>PANAXIA DOMINULA</i>)	
B.67-B.72	WHITE-LIPPED SNAIL (<i>CEPAEA HORTENSIS</i>) AND BROWN-LIPPED SNAIL (<i>CEPAEA NEMORALIS</i>)	
B.73	MISCELLANEOUS	

B.1-B.64	MEADOW BROWN (<i>MANIOLA JURTINA</i>) AND COMMON BLUE (<i>POLYMMATUS (LYCAENA) ICARUS</i>)	1936-1993
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Only B.1, B.2 and B.3 contain material relating to the Common Blue.

B.1-B.21	Field notebooks	
B.22-B.45	Data	
B.46-B.51	Correspondence and papers	
B.52-B.64	Photographs	

B.1-B.21	Field notebooks	1938-1967
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B.1-B.7 Series of seven numbered field notebooks. Used for recording the results of fieldwork on Common Blue (*Polymmatas (Lycaena) icarus*) and Meadow Brown (*Maniola jurtina*) butterflies carried out by W. H. Dowdeswell and E. B. Ford mainly in the Scilly Isles and south-west England. Information relating to both the Common Blue and the Meadow Brown can be found in B.1-B.3. B1, B.3, B.4, B.6 and B.7 are paginated but the numbering does not extend to the end of the notebook.

Research

- B.1 Hardback notebook inscribed on the inside front cover 'Scilly Islands No.1, August 23rd 1938'. Used from the front for recording results of fieldwork, 26 August-8 September 1938, 14 August-3 September 1946 and 18 August-2 September 1947, and from the back for notes on the weather, 1938, 1946 and 1947.
- Includes first record of 'spotting', 1946.
- B.2 Hardback notebook inscribed on the front cover 'Record Book E. B. F. W.H.D.' and on the inside front cover 'Tean, Isles of Scilly. 1948. P. icarus. Record Book No.2'. Used from the front for recording results of fieldwork, 1948-1950, and from the back for notes on the weather, 1948-1950. Loose material intercalated.
- B.3 Hardback notebook inscribed on the inside front cover 'Scilly Islands Record Book No.3'. Used from the front for recording results of fieldwork, 1951-1957, and from the back for notes on the weather, 1951-1956. Loose material intercalated. Back cover missing.
- B.4 Hardback notebook inscribed on the inside front cover 'Meadow Brown Record Book No.4'. Used 1957-1960.
- See also B.31.
- B.5 Hardback notebook inscribed on the inside front cover 'Meadow Brown Record Book No.5'. Used 1959-1961. Loose material intercalated.
- B.6 Hardback notebook inscribed on the inside front cover 'Meadow Brown Record Book No.6'. Used 1962-1964.
- B.7 Hardback notebook inscribed on the inside front cover 'Meadow Brown Record Book No.7'. Used 1964-1965. Loose material intercalated.

Research

- B.8-B.21 Series of fourteen numbered field notebooks. Used for recording the results of fieldwork on Meadow Brown (*Maniola jurtina*) butterflies carried out by W. H. Dowdeswell mainly in southern England and the Channel Islands.
- B.8 Softback notebook inscribed on the front cover '(1) M. jurtina, Middleton Colonies etc: 1957; 1958'. Used 18 June 1957-7 August 1958.
- B.9 Softback notebook inscribed on the front cover '(2) M. jurtina: 1958, 1959'. Used 30 August 1958-16 July 1959.
- B.10 Softback notebook inscribed on the front cover '(3) M. jurtina: 1960'. Used from the front 26 April-29 July 1960, and from the back, 1960.
- B.11 Softback notebook inscribed on the front cover '(4) M. jurtina: 1961; Breeding Records, Emergence of Adults, Samples from Winchester localities and Guernsey'. 26 April-14 August 1961.
- B.12 Softback notebook inscribed on the front cover '(5) M. jurtina: 1961, Breeding Records, Emergence of Adults (cont'd), Samples outside Winchester, Yew Hill (late), Worthy Down (late)'. Used from the front for records of egg-laying, and from the back for field results, July-August 1961.
- B.13 Softback notebook inscribed on the front cover '(6) M. jurtina: 1962, Reared Larvae, Emergence'. Used from the front for field results 3 May-30 July 1962 and from the back for notes on 'Apanteles refrigeration', 1961-1962.
- B.14 Softback notebook inscribed on the front cover '(7) M. jurtina: 1962, Emergence of Adults (cont'd), Breeding records – egg-laying (at end)' and on the first page 'Emergence of Adults (cont'd from Bk 6)'. Used 21 July-12 December 1962.
- B.15 Softback notebook inscribed on the front cover '(8) M. jurtina: 1963, Reared larvae (Cheesefoot Head), Sampling of Adults, Breeding Experiments'. Used 27 April-18 August 1963.
- B.16 Softback notebook inscribed on the front cover '(9) M. jurtina: 1963, Devon/Cornwall border, Winchester'. Used 15 May-5 August 1963.

Research

- B.17 Softback notebook inscribed on the front cover '(10) M. jurtina: 1963, Breeding'. Used for recording results of fieldwork carried out in Winchester, Cornwall and the Scilly Isles, 4 September-30 October 1963.
- B.18 Softback notebook inscribed on the front cover '(11) M. jurtina: 1964, Devon/Cornwall, Winchester'. Used 22 May-30 July 1964.
- B.19 Softback notebook inscribed on the front cover '(12) M. jurtina: 1964/5, Early larva sweeping & breeding'. Used 20 November 1964-6 August 1965.
- B.20 Softback notebook inscribed on the front cover '(13) M. jurtina: Winchester 1965/66 incl. larva collecting 1966, Adult samples 1966'. Used from the front, 5 October 1965-30 July 1966, and from the back, 18 June-15 November 1966.
- B.21 Softback notebook inscribed on the front cover '(14) M. jurtina: Winchester 1967, Larva collecting, Adult samples 1967 (Winchester & Ireland)'. Used from the front for larva collecting results, 16 May-30 July 1967, and in the middle for results of 'emergences', 3 July-16 August 1967.

B.22-B.45

Data

1955-1962

Series of eleven envelopes containing collated results of fieldwork on the Meadow Brown (*Maniola jurtina*) carried out in various locations throughout the UK and gathered together for analysis by W. H. Dowdeswell.

The presentation is chronological.

B.22

'M. jurtina results, 1956'. Contents of envelope so inscribed.

15pp paginated sequence of typescript data *re* fieldwork carried out in the Scilly Isles, Oxfordshire, Devon, Hampshire, Berkshire, Cornwall, the Isle of Man, Warwickshire, Kent, Essex, Sussex, Somerset, Dorset, Norfolk and Suffolk, 1956.

Research

- B.23-B.26 'Middleton East [Hampshire], 1956-1958, Seasonal Variation, 1955-1958.' Contents of envelope so inscribed divided into four for ease of reference.
- B.23 'Statistical Analysis of Breeding Data, 1957-8 (for private circulation by K. G. McW. [K. G. McWhirter] with note by E. B. F. [E. B. Ford])' September 1959.

6pp typescript.
- B.24 6pp manuscript data *re* bred insects, Middleton East, 1957-1958.
- B.25 3pp typescript data *re* fieldwork carried out in Middleton East, 1956-1958, with 7pp manuscript notes.
- B.26 3pp typescript data *re* fieldwork carried out in Middleton East, 1956-1958, with 8pp manuscript notes.
- B.27 'M. jurtina, 1957'. Contents of envelope so inscribed.

26pp typescript data *re* fieldwork carried out in the Scilly Isles, Cornwall, Hampshire, Devon, Warwickshire, Norfolk, Kent, Somerset and Dorset, 1957.
- B.28 'M. jurtina Burnham Down [Kent] data, 1957-1960 from J. F. D. Frazer.' Contents of folder so inscribed.

6pp typescript data *re* fieldwork carried out in Burnham Down, 7 July 1957-3 September 1960, with covering correspondence and 2pp manuscript notes.
- B.29, B.30 'Cheesefoot Head [Hampshire], 1961 (calculations); Graphs of emergence, 1957-1961; Egg-laying in O- and 2- spot.' Contents of envelope so inscribed divided into two for ease of reference.
- B.29 31pp manuscript notes *re* results of fieldwork carried out at Cheesefoot Head, 1961.
- B.30 7pp graphs plotting the emergence of reared male and female Meadow Brown butterflies from Cheesefoot Head, with 5pp manuscript notes, 1957-1961.

Research

- B.31, B.32 'M. jurtina data, 1958.' Contents of envelope so inscribed divided into two for ease of reference.
- B.31 33pp typescript entitled 'Meadow Brown Record Book No. 4'.
See also B.4.
- B.32 4pp typescript data entitled 'Intraseasonal Variation: Localities Exhibiting Seasonal Shift' with 11pp typescript and manuscript notes, 1955-1958.
- B.33 'M. jurtina, 1959 (excluding Middleton).' Contents of envelope so inscribed.

19pp typescript data *re* fieldwork carried out in Devon, Cornwall, the Scilly Isles, Wiltshire and Suffolk, 1959.
- B.34 'Middleton E & W, Worthy Down data and analysis, 1959.' Contents of envelope so inscribed.

'Summary of Results at Middleton East [Hampshire], 1956-1959'. Two typescript drafts with amendments, both 19pp, and 1pp manuscript notes.
- B.35, B.36 'Middleton East [Hampshire], 1960.' Contents of envelope so inscribed divided into two for ease of reference.
- B.35 11pp manuscript notes *re* results of fieldwork carried out in Middleton East, 1956-1960.
- B.36 12pp manuscript notes *re* 'Woolf' calculations, 1957-1960.
- B.37-B.40 'M. jurtina, 1960 Isles of Scilly and Mainland (excl. Middleton).' Contents of envelope so inscribed divided into four for ease of reference.
- B.37 4pp typescript entitled 'Collection of Meadow Browns from Raasay.'
- B.38 8pp paginated sequence of typescript results entitled 'Maniola jurtina on the Devon-Cornwall Boundary - 1960.'

Research

- B.39 5pp paginated sequence of typescript results entitled 'Maniola jurtina Interim Totals – Isles of Scilly, 1960.'
- B.40 2pp manuscript and 1pp typescript notes *re* results of fieldwork carried out throughout the UK, 1956-1960.
- B.41-B.44 'M. jurtina, 1961 Mainland (less Winchester acre), Scilly Isles.' Contents of envelope so inscribed divided into four for ease of reference.
- B.41 5pp typescript results of fieldwork carried out in Devon, Cornwall and Suffolk, 1961.
- B.42 Typescript copies of letters addressed to E. B. Ford from R. Brockie *re* fieldwork carried out in Sicily, Italy, 11 June, 29 June 1961.
- B.43 9pp paginated typescript entitled 'copy of letter from K. G. McWhirter: St Martin's, 13 August 1961.'
- B.44 1pp manuscript data *re* fieldwork carried out in Burnham Down, Kent, 1961, with covering correspondence.
- B.45 'M. jurtina, 1962 Cheesefoot Head and other Winchester locations. Data & calculations.' Contents of envelope so inscribed.

7pp paginated sequence of manuscript notes entitled 'Analysis of 1962 Results'.

Research

B.46-B.51	Correspondence and papers	1983-1993
	<p>'<u>Maniola</u> Gen.' Contents of folder so inscribed divided into six for ease of reference: correspondence <i>re</i> to ongoing research into the Meadow Brown (<i>Maniola jurtina</i>), general papers and copies of articles.</p> <p>Retained in original order.</p>	
B.46	<p>'Comparison of two independent scoring techniques for spot variation in <u>Maniola jurtina</u> and the consequences of some differences' by P. M. Brakefield and W. H. Dowdeswell.</p> <p>12pp typescript with annotations and covering correspondence, October 1983.</p>	
B.47	<p>Correspondence and papers <i>re</i> E. B. Ford's obituary and the disposal of his collection of butterfly specimens, January-October 1988.</p> <p>Includes copy of E. B. Ford's last letter, 20 January 1988.</p>	
B.48	<p>'Spot variation in <i>Maniola jurtina</i> (L.) (Lepidoptera: Satyridae) in southern Portugal and a comparison with the Canary islands' by D. F. Owen and D. A. S. Smith.</p> <p>Correspondence and off-print, March 1988.</p>	
B.49	<p>Royal Entomological Society Workshop on Insects in Education, University of Bath, 6 April 1991</p> <p>Papers <i>re</i> arrangements and 4pp paginated sequence of typescript ?notes for presentation.</p>	
B.50	<p>2pp typescript notes entitled 'Northern Transect: Westerly limits of unimodal female spot-distribution, 1956-1982' with graph.</p>	
B.51	<p>Correspondence and papers <i>re</i> research and publications on the Meadow Brown (<i>Maniola jurtina</i>), November 1983-July 1988.</p>	

Research

B.52-B.64	Photographs	1964, 1990
B.52-B.63	Series of photographs showing fieldwork localities, 1964. Twelve black and white photographs.	
B.64	Meadow Brown resting near St. Aragh, Clwyd, Wales, July 1990. Colour photograph.	
B.65	GREEN-VEINED WHITE (<i>PIERIS NAPI</i>)	1960
B.65	Softback field notebook inscribed on the front cover ' <u>Pieris napi</u> , 1960.' Used 13 May-26 June 1960. Loose material intercalated.	
B.66	SCARLET TIGER MOTH (<i>PANAXIA DOMINULA</i>)	1991-1996
B.66	Correspondence and copies of articles <i>re</i> ongoing research by C. A. Clarke on the Scarlet Tiger Moth (<i>Panaxia dominula</i>), 1991-1996.	
B.67-B.72	WHITE-LIPPED SNAIL (<i>CEPAEA HORTENSIS</i>) AND BROWN-LIPPED SNAIL (<i>CEPAEA NEMORALIS</i>)	1957-1972
	Series of six field notebooks. Used for recording results of fieldwork on snails (<i>Cepaea hortensis</i> and <i>Cepaea nemoralis</i>) carried out by W. H. Dowdeswell at Portland, Dorset.	
B.67	Softback notebook inscribed on the front cover ' <u>Cepaea hortensis</u> , Portland. From October 1957-Aug. 1962 (no samples in 1958) (1).' Used 27 October 1957-28 August 1962.	
B.68	Softback notebook inscribed on the front cover ' <u>Cepaea hortensis</u> and <u>nemoralis</u> , Portland. From October 1962-June 1964 (2).' Used 13 October 1962-14 June 1964.	

Research

- B.69 Softback notebook inscribed on the front cover 'Cepaea hortensis and memoralis, Portland. From June 1964-August 1965 (3).' Used 13 June 1964-8 August 1965.
- B.70 Softback notebook inscribed on the front cover 'Cepaea hortensis and memoralis, Portland. From August 1965-June 1967 (4).' Used 7 August 1965-11 June 1967.
- B.71 Softback notebook inscribed on the front cover 'Cepaea hortensis and memoralis, Portland. From June 1967-June 1971; Atworth, May 1969-June 1971 (at back) (5).' Used from the front for results of fieldwork carried out in Portland, Dorset, 11 June 1967-13 June 1971 and from the back for recording results of fieldwork carried out in Atworth, Wiltshire, 26 May 1969-7 June 1971.
- B.72 Softback notebook inscribed on the front cover 'Cepaea hortensis and memoralis, Portland. From June 1972-; Atworth. From October 1971- (6).' Used from the front for results of fieldwork carried out in Portland, Dorset, 10 June 1972-22 June 1977 and from the back for recording results of fieldwork carried out in Atworth, Wiltshire, 17 October 1971-8 October 1972. Loose material intercalated.
- B.73 MISCELLANEOUS n.d.**
- B.73 'Butterfly photographs – E. B. F. [E. B. Ford].' Contents of envelope so inscribed.
- 19 photographs of unidentified butterflies, moths and snails ?prepared for inclusion in a publication, n.d.

SECTION C	UNIVERSITY OF BATH SCHOOL OF EDUCATION	C.1-C.10
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C.1-C.7	EDUCATION RESOURCE PACKS
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C.8-C.10	PHOTOGRAPHS
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C.1-C.7	EDUCATION RESOURCE PACKS	1971-1979
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Whilst at the University of Bath School of Education W. H. Dowdeswell was involved in the writing and publication of several educational resource packs. Produced jointly by the University of Bath and BP Ltd. Educational Service through a BP Research Fellowship, the packs aimed to enable pupils to participate in the process of industrial decision-making. Designed primarily for six-formers the packs were also used in universities, teacher training colleges and industries.

Each pack was intended for repeated use with classes of between sixteen and twenty students and comprised a self-contained set of data based on real industrial situations. The packs contain a variety of audio tapes, film, overhead notes for presentation, multiple information sheets and leaflets, wall charts and teachers' guides.

The presentation is chronological.

C.1	'Decisions Pack 1: Distribution - Siting an Oil Terminal', produced by Shell-Mex, BP Ltd. and Bath University School of Education, 1971.
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One box.

C.2	'Decisions Pack 2: Distribution - Coastal Tankers', produced by Shell-Mex, BP Ltd. and Bath University School of Education, 1972.
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One box.

C.3	'Decisions Pack 3: Marketing', produced by Shell-Mex, BP Ltd. and Bath University School of Education, 1973.
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One box.

University of Bath School of Education

- C.4 'Decisions Pack 4: WestOil Distribution', produced by BP Ltd. Educational Service and Bath University School of Education, 1974.
- One folder.
- Teachers' guide missing.
- C.5 Decisions Pack 7: The Ridpest File', produced by the British Agrochemicals Association, BP Ltd. Educational Service and Bath University School of Education, 1976.
- One folder.
- C.6 'An Alaskan Adventure', produced by BP Ltd. Educational Service and Bath University School of Education, 1977.
- One box.
- C.7 'North Sea Challenge: Language Training Pack 1', produced by Bath University School of Education and BP Ltd. Educational Service, 2nd edition, 1979.
- One box containing two folders.
- C.8-C.10 PHOTOGRAPHS 1969-1971**
- C.8-C.10 University of Bath School of Education staff and students, 1969, 1970 and 1971.
- Three black and white photographs.

SECTION D	WILTSHIRE TRUST FOR NATURE CONSERVATION	D.1-D.17
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D.1-D.14 NATURE GUIDES

D.15, D.16 EDUCATION PACKS

D.17 ANNUAL RESERVE REPORT

D.1-D.14	NATURE GUIDES	1987-1990
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During a long association with The Wiltshire Wildlife Trust for Nature Conservation W. H. Dowdeswell was involved in writing and producing a series of illustrated leaflet guides to Wiltshire nature reserves.

D.1 Blackmoor Copse Reserve Guide and Nature Trail, 1987.

D.2 Chickengrove Bottom Reserve Guide, 1987.

D.3 Clouts Wood Reserve Guide and Nature Trail, 1987.

D.4 Jones's Mill Reserve Guide, 1987.

D.5 Rack Hill Nature Trail, 1987.

D.6 Upper Waterhay Reserve Guide, 1987.

D.7 Great Cheverell Hill Reserve Guide, 1988.

D.8 Ham Hill Reserve Guide, 1988.

Wiltshire Trust for Nature Conservation

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| D.9 | West Yatton Down, 1988. |
| D.10 | Whitesheet Hill Reserve Guide and Nature Hill, 1988 |
| D.11 | Emmett Hill Meadows Reserve Guide, 1989. |
| D.12 | Somerford Common Nature Trail, 1989. |
| D.13 | Traditional Meadows in Wiltshire: Their History Ecology and Management, 1989. |
| D.14 | Smallbrook Meadows Nature Trail, 1990. |

D.15, D.16

EDUCATION PACKS

ca 1988-1989

W. H. Dowdeswell compiled practical guides on aspects of Wiltshire wildlife for teachers. Produced by the Wiltshire Trust for Nature Conservation the packs were aimed at pupils aged between seven and thirteen years and contained a series of suggested activities accompanied by detailed teaching notes.

The packs take the form of spiral-bound illustrated volumes.

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| D.15 | Woodland Education Pack, n.d. latest bibliographical reference 1988. |
| D.16 | Grassland Education Pack, n.d. latest bibliographical reference, 1989. |

D.17

ANNUAL RESERVE REPORT

1994

- D.17 20pp typescript annual report on the condition, ownership status and management of nature reserves throughout Wiltshire, 1994.

SECTION E

PUBLICATIONS

E.1-E.71

This section contains off-prints and copies of articles on various subjects relating to entomology, education and ecology by W. H. Dowdeswell.

The presentation is chronological, 1936-1985.

- E.1 'The Lepidoptera of Cara Island', by W. H. Dowdeswell, March 1936.
Off-print.
- E.2 'Further Notes on the Lepidoptera of Cara Island', by W. H. Dowdeswell,
August 1937.
Off-print.
- E.3 'The Lepidoptera of Cara island', by W. H. Dowdeswell and E. B. Ford, April
1938.
Off-print.
- E.4 'The Quantitative Study of Populations in the Lepidoptera', by W. H.
Dowdeswell, R. A. Fisher and E. B. Ford, 1940.
Off-print.
- E.5 'Butterfly Migrations Noted in the Isles of Scilly in 1947', by W. H.
Dowdeswell and E. B. Ford, June 1948.
Off-print.
- E.6 'The Genetics of Habit in the Genus *Colias*', by E. B. Ford and W. H.
Dowdeswell, September 1948.
Off-print.

Publications

- E.7 'Local Movement in the Blue Tit', by J. A. Blackwell and W. H. Dowdeswell, n.d. latest bibliographical reference 1949.
Off-print.
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Off-print.
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Off-print.
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Off-print.

Publications

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Off-print.
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Off-print.
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Published text.
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Publications

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Off-print.

Publications

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Publications

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Publications

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Maniola jurtina (L.) and the Consequences of some Differences', by P. M.
Brakefield and W. H. Dowdeswell, 1985.
7pp photocopy.

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