

Catalogue of the papers and correspondence of

Sir Richard Southwood FRS

(b. 1931)

VOLUME I

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General Introduction
Sections A - K

by Jeannine Alton and Timothy E. Powell
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GENERAL INTRODUCTION

PROVENANCE

The papers were received from Sir Richard Southwood's rooms at the Department of Zoology Oxford University, and from his home, on various dates July 1995 - September 1997.

OUTLINE OF THE CAREER OF THOMAS RICHARD EDMUND SOUTHWOOD

Thomas Richard Edmund Southwood was born on 20 June 1931 at Northfleet, Gravesend, Kent. He was educated at Gravesend Grammar School, and at the Imperial College of Science and Technology, London, where he graduated in 1952 with first class honours in Zoology. He had already, in 1948 as a schoolboy, and later during university vacations, spent time as a voluntary worker in the Entomology Department at Rothamsted Experimental Station, Harpenden, Hertfordshire. He returned there in October 1952 with an Agricultural Research Council scholarship as a full-time research student, under the overall supervision on C.B. Williams though working in practice under the supervision of C.G. Johnson. He completed his thesis, on 'Some studies on the systematics and ecology of heteroptera', in 1955 and returned to Imperial College Silwood Park - initially still supported by an ARC grant - to work on frit fly ecology with W.F. Jepson.

In September 1955 Southwood had married Alison Harden, whom he had met at Rothamsted. He suffered his first major illness - appendicitis followed by peritonitis - on his honeymoon and was seriously ill for several months. His appointment at Imperial College, scheduled for October 1955, could not be taken up until January 1956. His subsequent career at Imperial College advanced rapidly through lecturer to reader and professor; in 1967 he succeeded O.W. Richards as Head of the Department of Zoology and Applied Entomology, and also served as Director of Silwood Park, Dean of the Royal College of Science 1971-1972, Acting Head of the Biochemistry Department 1973-1974 and Chairman of the Division of Life Sciences, Imperial College 1974-1977.

In 1979 Southwood moved to Oxford as Linacre Professor of Zoology and Fellow of Merton College, serving the University as Vice-Chancellor 1989 - 1993 and then as Pro-Vice-Chancellor. He was also President of the Campaign for Oxford.

Southwood's interest in natural history, based on the observation of plants and creatures around his childhood home, began at a very young age. His early entomological work was on the morphology and taxonomy of Hemiptera-Heteroptera. Aspects of his Ph.D. studies on the migrations and

movements of insects and the ecology of field-margins suggested long-term research into habitat and the influence of environment, whether natural or man-made, on population density and survival. Examples are the study of insect fauna in different species of tree, and the impact of agriculture on the natural ecosystem shown in the decline of the partridge population in Western Europe. His interests extended to the dynamics of natural populations and communities and he was particularly concerned with the appropriate methodology (for both measurement and analysis) and the development of models to provide a general synthesis (e.g. his habitat templet).

Studies on the structural dynamics of natural systems and the problems of maintaining a balance between these and the demands of man have continued as the basis of Southwood's scientific research and of his public work. Examples of the latter are his chairmanship of the Royal Commission on Environmental Pollution (especially its recommendation on the reduction of lead in petrol), his chairmanship of the Anglo-Scandinavian committee on 'acid rain', and his chairmanship of the government's Round Table on Sustainable Development.

Many of his keynote lectures over the last twenty years have dealt with environmental concerns.

Southwood was elected a Fellow of the Royal Society in 1977 and has received many Honorary Fellowships and Doctorates from universities in the UK and overseas. He was created Knight Bachelor in 1984 and became a Deputy Lieutenant for Oxfordshire in 1993. He has received the Forbes and Huxley Medals of Imperial College, the Scientific Medal of the Zoological Society and the Gold Medal of the Linnean Society. He has served on many public bodies as a member, or, frequently, as Chairman. At the time of writing several of these continue as ongoing activities.

DESCRIPTION OF THE COLLECTION

The material is presented as shown in the List of Contents. It covers the period 1914 - September 1997.

The collection provides a full account of Southwood's career to date, and illustrates his development from a youthful - even precocious - interest in natural history and especially entomology, via research in population dynamics, insect-plant relationships and pest control to ecological principles, biodiversity and matters of general environmental concern.

Much of the material is of recent date and has been received piecemeal; thus several sections have Addenda which break the intended chronological or topical sequence. It is, however, much enriched by Southwood's own autobiographical accounts of his early life and the formative influences on him up to about 1955, and his reflections on key episodes, committees or events in his later career.

Several of these accounts, many written specially for the collection, are to be found in the Biographical Section A, but others are in the sections to which they refer.

Several of the accounts^{*}, supported as they are by documentation, provide interesting evidence of changing social structure and attitudes during this period - competition in research, the decline of paternalism and the growth of rights (employee and student), attitudes to safety and risk (home laboratories, exposure to bombing, a boy wandering in the countryside, etc), the "gentlefolk" class.

Additional explanatory notes, information and cross-references are appended where appropriate to the separate sections, sub-sections and individual entries in the body of the catalogue. The following paragraphs are intended only to draw attention to items which may be of particular interest.

Section A, Biographical and personal, furnishes a full overview of Southwood's career from schooldays onward and includes some family material and his very early diaries and notebooks of natural history observations. There are also press-cuttings and photographs (the majority dated and described on the verso by Southwood) extending over the whole period. The numerous letters of congratulation on his appointments and honours are balanced by affectionate messages of goodwill when his health, never strong, led to periods of illness.

Section B, Imperial College London, also includes a little material relating to Rothamsted Experimental Station. The sequences of correspondence and papers deal with Southwood's own career at Imperial College 1955 - 1979, appointments, promotions etc., and with the general work of the Department of Zoology and Silwood Park. There is also a sequence of notes and notebooks of his undergraduate lectures, notes and essays 1949 - 1952, and of his own lecture and teaching courses from 1956.

Section C, Oxford University, offers good coverage of Southwood's career from 1979 - 1997, as Linacre Professor of Zoology, Fellow of Merton College, and Vice-Chancellor - the first non 'Head of House' to be appointed for several centuries. His period as Vice-Chancellor overlapped with the international fund-raising 'Campaign for Oxford', of which he became President in 1990. His memoranda and notebooks on Oxford affairs are included in this section.

Section D, Research, is relatively short, since Southwood retained many of his notes and data, not all of which are published. There is, however, a full account of his work in the 1960s on the ecology of the partridge.

^{*} not all these accounts may yet be available (see p.2).

Section E, Lectures, speeches, addresses, begins in 1944 with the teenage Southwood's talks on natural history to school societies and extends to 1995 covering the full range of his ecological and environmental interests, given to professional and learned societies and to less specialised audiences. Of interest are the extensive lectures given during Southwood's year in Mexico and California 1964 - 1965. It should be noted that other lectures and addresses at conferences or meetings are to be found in the relevant sections.

Section F, Publications and editorial, does not offer a full coverage of Southwood's publications, which number 220 to date, but it includes useful material on his books: *Land and water bugs of the British Isles*, *Life of the wayside and woodland*, and especially of his influential *Ecological methods* first published in 1966. There is also correspondence, comment, advice etc. exchanged with publishers and journals, some having a long association with Southwood such as the *Entomologist's Monthly Magazine*, the *Journal of Animal Ecology* and Oxford University Press, of which he was a Delegate for fourteen years.

Section G, Societies and organisations, contains material relating to 34 organisations, some of it very brief or formal, but some representing long connections with Southwood as member, officer, contributor or advisor; these include the British Ecological Society, the British Empire Naturalists' Association, the Field Studies Council, the Rhodes Trust, the Royal Entomological Society, the Royal Society and many others.

Section H, Visits and conferences, covers both UK and overseas conferences 1960 - 1995, and includes major extended visits as Visiting Professor in Mexico, California, South Africa and at Cornell University, as well as shorter visits to give papers or invitation lectures or to chair meetings. Southwood's public service commitments on boards and committees, and as Vice-Chancellor, also entailed extensive travel which is documented in the relevant sections.

Sections J - N deal specifically with Southwood's service on official bodies or specific projects.

Section J, Royal Commission on Environmental Pollution, covers the period from 1974 when Southwood was appointed a Commissioner to 1985 when he took up his appointment as Chairman of the National Radiological Protection Board, the main concentration of the papers being 1981 - 1985 when he was Chairman of the Commission. Three major Reports were published during his Chairmanship, and several research projects launched. The 1983 Report 'Lead in the Environment' was influential, being immediately accepted as the basis for public policy.

Section K, National Radiological Protection Board, covers the period 1984 - 1995. Southwood was a member of the Board from 1980 and served as Chairman from 1985 to 1994. He established an

'Environmental Issues Panel' with a wider membership including 'Green' organisations, and chaired an International Conference on the Biological Effects of Ionising Radiation organised by Friends of the Earth and Greenpeace International, which is documented here.

Section L, Surface Water Acidification Programme, relates to a tripartite research programme, conducted by the Norwegian and Swedish Academies of Sciences and the Royal Society (for the UK), set up to investigate claims that sulphur emissions ('acid rain') emitted by UK industry and especially by the Central Electricity Generating Board were adversely affecting fish in Scandinavian surface waters. Southwood became Chairman of the Management Group on the death of Sir Maurice Sugden. The papers cover the period 1983 - 1990 and include correspondence with colleagues and officials of the three academies involved, research projects, reports and position papers.

Section M, Working Party on Bovine Spongiform Encephalopathy. The section deals with the working party, chaired by Southwood, set up jointly by the Ministry of Agriculture, Fisheries and Food (MAFF) and the Department of Health and Social Security (DHSS) later Department of Health (DOH) to report on the recently identified cattle disease commonly known as BSE. The working party made recommendations in 1988 and 1989, and reported in 1989, but the continuing incidence of the disease and the increasing public concern extend the material to 1997. This remains an ongoing factor of Southwood's activity.

Section N, Round Table on Sustainable Development. This relates to one of several initiatives in 1994 by the Conservative Government to advise on environmental matters, and maintained after the 1997 General Election by the incoming Labour Government. The Round Table has a wide remit, to identify issues of sustainable development, evaluate progress, inform and provide recommendations. Southwood was Co-Chairman from 1994 together with J.S. Gummer, then Secretary of State for the Environment; from June 1997 he became sole Chairman, with J.M. Prescott, Deputy Prime Minister and Secretary of State for the Environment, Transport and the Regions, as President. The Round Table continues as an active commitment.

Section O, Glaxo-Wellcome plc, is a relatively short section. Southwood was appointed a non-executive director in 1992 and continues active involvement, in particular as Chairman of the panel for the Chief Executive's Awards for health, safety and environmental management and Chairman of the Group Appeals Committee.

Section P, Central European University, is also a relatively short section covering Southwood's association with this initiative by G. Soros to develop a network of advanced education in Eastern Europe with a main campus in Budapest. Southwood was Head of the Department of

Environmental Studies and Policy, in which capacity he devised courses and schedules as well as lecturing and taking part in committees and administration and the CEU Press.

Section R, Correspondence, is an extensive section, including some exchanges from an early date with formative influences such as C.G. Johnson, A.M. Massee and H.K.A. Shaw.

Section S, References and recommendations, is also a substantial section, with material relating to UK and overseas academic and public life.

LOCATIONS OF OTHER MATERIAL

Southwood's copies of official papers, minutes etc relating to the Royal Commission on Environmental Pollution 1974-1985 were deposited at the Imperial College Centre for Environmental Technology (prior to 1981) and at the Environmental Change Unit, Oxford.

ACKNOWLEDGEMENTS

Thanks are primarily due to Sir Richard for allowing his papers to go forward for cataloguing and for making additional material available on a continuing basis. He has been generous with his time and attention in identifying and clarifying material, in commenting helpfully on the catalogue drafts throughout the lengthy process of compilation, and in agreeing to write personal accounts of important episodes in his life.

Mrs Belinda Wood, Southwood's secretary, has been unfailingly helpful.

We should like to thank Sir Edward Abraham and the Trustees of the E.P.A. Cephalosporin Fund for their financial support of this project.

J. B. Alton
T.E. Powell
Oxford, December 1997

SECTION A

BIOGRAPHICAL AND PERSONAL

A.1-A.251

A.1-A.12	BIOGRAPHICAL AND AUTOBIOGRAPHICAL
A.13-A.22	FAMILY
A.23-A.33	GRAVESEND
A.34-A.38	EARLY SCIENTIFIC INFLUENCES
A.39-A.43	UNIVERSITY
A.44-A.167	CAREER, HONOURS AND AWARDS
A.168-A.178	MISCELLANEOUS BIOGRAPHICAL CORRESPONDENCE AND MATERIAL
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Biographical and personal

A.1-A.12 BIOGRAPHICAL AND AUTOBIOGRAPHICAL 1963-1997

- A.1, A.2 Curricula vitae and bibliography
- A.3-A.5 Articles and interviews
- A.6-A.12 Autobiographical notes and reflections

A.1, A.2 Curricula vitae and bibliography 1963-1997

A.1 Miscellaneous curricula vitae prepared for various dates and occasions: 1963 (for Lancaster University see A.48); 1964; 1981 (for American Academy of Arts and Sciences); 1981; 1993 (for Chambers Dictionary of Scientists).

A.2 Curriculum vitae and list of publications prepared September 1997. All references in the catalogue to Southwood's publications are to this list. Included here is a separate 3pp list of 'Environmental Publications', September 1997.

A.3-A.5 Articles and interviews 1981-1991

Additional material appears in the press-cuttings at A.179-A.183.

A.3 Natural History Museum House journal (on becoming Chairman of Trustees of the Museum). 1981.

Interview on Australian radio on occasion of Sabath Memorial Lecture, Griffith University. 1983.

Radiation Protection Bulletin (on becoming Chairman, National Radiological Protection Board). 1983.

Oxford University Mansfield Road Club *News* (on Knighthood, and Presidency of Club). 1984.

Biographical and personal

- A.4 *ca* 1986.
- Oxford Today* (on Oxford Department of Zoology. Draft with manuscript corrections). 1988.
- Country-Side* (interview on natural history and the environment). 1989.
- A.5 *Oxford Times* (on Vice-Chancellorship). 1989.
- Gravesend Reporter* (on career at Gravesend School). 1991.
- A.6-A.12 Autobiographical notes and reflections 1977-1997**
- These are short accounts by Southwood on various aspects of his career and work, some personal, others historical. Many of the latter were written specifically for this collection.
- Similar material relating to Oxford 1989-1995 is at C.118-C.125A.
- A.6 Imperial College Silwood Park: 'The challenges to Directors', 'From paternalism to rights' [1997].
- A.7 The 'Hering Fund', the British Entomological and Natural History Society and the Royal Entomological Society [1997].
- A.8 Partridge Research [July 1997].
- A.9 'Prion Taming' (on BSE), *Parliamentary Review* April 1997 (*Bibliog.* 219).
- A.9A Royal Society [December 1997].
- A.10 Personal accounts 1977-1991. Includes family letter 1977; on serendipity 1988; most influential book 1991.

Biographical and personal

A.11 Personal accounts 1992-1993.

Includes summary of achievements in science and public life 1992; brief autobiographical account prepared for Pontifical Academy 1992; 'Recollections of my school days', written for Gravesend School Centenary 1993 (also at A.29).

A.12 'From natural history to biology: the foundations of a career.'

Southwood's personal account, written July-October 1997, of his early years, homes, family, relatives and friends, school and university, amateur naturalists and first professional contacts. 51pp typescript.

A.13-A.22

FAMILY

A.13-A.15 Edmund William Southwood

A.16 Mary Southwood, née Regg

A.17 Alison Southwood, née Harden

A.18-A.20 Mark and Charles Southwood

A.21 Other relatives and connections

A.22 Juvenilia

A.13-A.15 Edmund William Southwood (father of Southwood)

A.13 Gravesend County School for Boys.

Report Book 1914-1918 and Headmaster's leaving testimonial.

A.14 South-eastern Agricultural College, Wye, Kent.

Reports and awards 1918-1920; testimonials 1922, 1936.

Biographical and personal

- A.15 Letters to Southwood from his father and uncle after his Inaugural Lecture 1968.
- Letters sent to Edmund Southwood from relatives and friends on Southwood's Knighthood, 1984.
-
- A.16 Mary Southwood, née Regg (mother) 1931-1983**
- Mary Regg, born in Australia, was a jewellery designer who came to Britain as part of a world tour in 1928.
-
- A.16 Letters to and from Gwen and Mylis Laffer, friends met in 1928 on S.S. 'Nestor', on the voyage to London from Australia (to which the Laffers later returned). Their strong and lasting friendship extended widely to later generations.
- Mary Southwood's letters are dated 1931, 1932, 1944. Mylis Laffer's letters to Southwood and his wife are 1982 and 1983 and include early photographs, and recollections of early meetings.
- A biographical note by Southwood is included here, as well as his fuller account at A.12.
-
- A.17 Alison Southwood, née Harden (Lady Southwood)**
-
- A.17 Brief memorabilia and information on the Harden family.
-
- A.18-A.20 Mark and Charles Southwood (sons)**
-
- A.18 Mark Southwood.
-
- A.19 Charles Southwood.
-
- A.20 Miscellaneous material on Licensed Victuallers School, Slough (attended by both boys).

Biographical and personal

A.21 Other relatives and connections

A.21 Memorabilia and correspondence, with explanatory biographical notes supplied by Southwood.

A.22 Juvenilia

A.22 Early letters home, from Southwood on holiday 1937, 1939.

A.23-A.33 GRAVESEND 1937-1996

The town of Gravesend in Kent was where Southwood spent his early years and went to school. It was also the cradle of his earliest interest in the natural world, in the grounds of his home Parrock Manor, and further afield. He was lucky always to receive encouragement, from his own family, from family friends, from schoolmasters at Gravesend School, from his membership of local natural history societies, and from encounters with practising entomologists such as C.G. Johnson of Rothamsted Experimental Station. He has repaid the debt by his continuing affection for the town and interest in its affairs, particularly those of the School.

Southwood has himself written an account of the early life and the formative influences upon him (A.12), and supplied biographical notes and information on the correspondence.

A.23 Bronté School, Gravesend

A.24-A.32 Gravesend School

A.33 Gravesend miscellaneous

A.23 Bronté School, Gravesend 1937-1942

A.23 Reports 1937-1942.

As a child, Southwood was not strong; his school reports both here and at his later school (A.24 below) show a large tally of absences, particularly, but not only, in the winter terms. Almost all of these are upper respiratory tract infections, from which he continues to suffer, though his school absences fell dramatically in the sixth form.

Biographical and personal

A.24-A.32	Gravesend School	1942-1996
	<p>Gravesend Grammar School for Boys (previously Gravesend Grammar School and, earlier, in Southwood's father's day Gravesend County School for Boys).</p> <p>Southwood attended the school 1942-1949 and retains as many links as possible with it and its staff. His teachers and their successors for their part follow his career and achievements with interest and pride.</p>	
A.24	School reports 1942-1949.	
A.25	Examination scripts in History and French 1945; examination papers in Latin and French 1945.	
A.26	Correspondence with Headmaster, staff and former teachers at Gravesend (several with identifications and information by Southwood), with news, congratulations on academic career, arrangements for visits or lectures by Southwood, recollections, letters on retirements etc. 1950-1968.	
A.27	Correspondence with Headmaster, contemporaries, staff and former teachers, with news, congratulations, recollections, arrangements for Southwood to perform Prizegivings, open new buildings etc. 1973-1988.	
A.28	Centenary of Gravesend School 1993.	
	Invitation and arrangements for Southwood to present prizes at Centenary Prizegiving September 1993. Includes Southwood's 3pp. manuscript notes for his speech on the occasion.	
A.29	Miscellaneous correspondence on Centenary arrangements 1992-1993. Includes Southwood's 'Recollections of my school days' prepared for Centenary Supplement (another copy is at A.11).	
A.30	Letters from some of Southwood's former teachers who had been unable by reason of age to attend the Centenary celebrations and to whom he had written personally 1993.	
A.31	Printed matter about the Centenary, history and Prizegiving.	

Biographical and personal

A.32 Correspondence 1994-1996.

A.33 Gravesend miscellaneous 1949-1987

A.33 Miscellaneous correspondence on Gravesend affairs (not School): arrangements to lecture, historical society, miscellaneous personal contacts. 1949-1987.

A.34-A.38 EARLY SCIENTIFIC INFLUENCES 1941-1954, 1993

The earliest letter here (A.34) dates from 1941 and several are dated in the 1940s when Southwood was in his teens. Some of the items have explanatory notes supplied by Southwood, and the correspondents are also referred to at more length in his autobiographical account at A.12

A.34 Longstaff, T.G. ('Uncle' Tom) 1941-1952. Includes Southwood's list of birds he has seen - 58 of them in their own garden at Parrock Manor.

A.35 1943-1947. Identifications, visits, references, publications.

A.36 1948-1951. Identifications, specimens, exchanges of papers.

A.37 'Sun-bathing by birds'. Photocopy of article by J. Gibb in *British Birds* **XL**, 1947, quoting an observation by Southwood in 1946. This is his earliest 'published work' (*Bibliog. O*) and is included here for interest.

Brief correspondence 1993 with Gibb is also included.

A.38 Correspondence 1950-1954 (and some later letters), mainly with friends and fellow naturalists in Kent, met or put in contact through membership of British Empire Naturalists Association (B.E.N.A) (*q.v.*). See also A.12.

Enquiries, specimens, identifications, letters of thanks, personal congratulations.

Biographical and personal

A.39-A.43

UNIVERSITY

1949-1967

For other material on Southwood's career at Imperial College London, and his doctoral studies at Rothamsted Experimental Station, see Section B.

A.39

Imperial College London.

Notification of admission 1949.

Letter *re* Natural History Society lecture 1951.

Class List 1952 (Southwood obtained first class honours in Zoology).

Award of Forbes Medal 1952.

A.40

Applications (all successful) 1948-1949 to University College of Southampton, University College & Queen Mary College London, withdrawn on acceptance of place at Imperial College.

Southwood's reasons for his choice of universities are given in his account at A.12.

A.41

Correspondence with undergraduate contemporaries at Imperial College, with brief biographical information by Southwood (see R.43, R.143, R.201).

N.G.M. Hague 1950-1967.

C. Wright 1951.

R.H. Simons 1952-1954.

A.42

Correspondence 1952-1955 on Southwood's research studentship, funded by Agricultural Research Council, tenable at Rothamsted Experimental Station under C.B. Williams. Includes certificate of exemption from military service. See Section B for later career at Imperial College.

A.43

Correspondence and enquiries 1953-1955 about posts in UK and overseas, made towards the end of Southwood's period at Rothamsted and before his ARC grant at Imperial College was made.

Biographical and personal

A.44-A.167	CAREER, HONOURS AND AWARDS	1954-1995
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For material on Southwood's appointment to the Linacre Chair Oxford, in 1977 and his service at Oxford University, see B.18, B.19 and Section C.

A.44	Membership of the Society for Experimental Biology 1954.
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A.45	Correspondence 1960 on identification of specimens and <i>Cleptriola southwoodi</i> , named after Southwood.
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A.46	Correspondence etc. 1962 on Readership in Animal Ecology, University of Otago, New Zealand. (Southwood did not take up the invitation to apply).
------	--

A.47	Correspondence 1963 - 1964 on Headship of Department of Zoology and Entomology, University of Connecticut. (Southwood declined the invitation to apply).
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A.48	Correspondence 1963 - 1964 on Southwood's application for Chair of Biology, University of Lancaster. Includes correspondence with referees and Southwood's 'Outline of possible lines of development in biology at Lancaster'.
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A.49	Letter from Southwood declining to apply for post in pest management at University of California Berkeley 1967. (No other surviving documentation).
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A.50	Correspondence etc. 1966-1967 on Chair in Research School of Biological Sciences, Australian National University. Southwood withdrew his candidature on his appointment to the Chair of Zoology at Imperial College.
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Biographical and personal

- A.51-A.59 Illness 1967.
- In November 1967, shortly after taking up the Chair of Zoology in addition to other heavy administrative duties at Imperial College, Southwood suffered a coronary attack. This proved relatively minor, but required hospitalisation until Christmas of that year and elicited a torrent of letters and messages (some via Alison Southwood) testifying to the affection in which he and his family were held. Some of the letters and messages at A.54-A.59 have biographical identifications or information supplied by Southwood.
- A.51 Southwood's farewell 'poem' to the night nurses at the hospital when he was discharged.
- A.52 Letters and messages from family and relatives.
- A.53 Group greetings and messages from staff, overseas students, classes etc. from Imperial College and World Health Organisation Geneva.
- A.54-A.59 Other letters and messages from colleagues and friends.
- A.54 A - D.
- A.55 F - I.
- A.56 J - M.
- A.57 P.
- A.58 R - V.
- A.59 W.

Biographical and personal

- A.60 The Athenaeum.
- Southwood was elected to the Athenaeum in 1970. Correspondence includes Southwood's nomination by K. Mellanby 1967, election 1970, miscellaneous later correspondence 1984-1987, 1994.
- A.61 Offer of Visiting Professorship, San Diego State College, California, USA, February 1971.
- A.62 Offer of Visiting Professorship, University of Ghana, Legon (declined), October 1973.
- A.63 Correspondence etc. 1976-1977 on the Professorship of Zoology at Cambridge. The Chair was offered to Southwood, but after a visit, discussions and correspondence with colleagues he declined.
- A.64 Fellowship of the Royal Society 1977.
- Election, letters of congratulation (some with replies by Southwood).
- A.65 Correspondence 1977 about post in ecology, University of New Mexico, Albuquerque, USA (declined).
- A.66 Correspondence 1977 about Directorship, Research School of Biological Sciences, Australian National University.
- A.67 Correspondence 1977 inviting Southwood to act as Consultant Director, Commonwealth Institute of Entomology (declined).
- A.68 Fellowship of the Royal Society of Tropical Medicine and Hygiene, 1980.
- A.69 Citation for Honorary D.Sc., Griffith University, Australia, 1983.

Biographical and personal

A.70-A.77	Correspondence on invitations to be considered for senior academic posts (Heads of House, Chancellor and Vice-Chancellorships etc.) in UK and overseas (declined), 1983-1984.
A.70-A.72	1983. 3 folders.
A.73-A.77	1984. 5 folders.
A.78-A.105	Knighthood 1984. This honour was conferred on Southwood in the New Year List January 1984.
A.78	Official notification, investiture arrangements, Southwood's lists of telephone callers and guests for celebration party.
A.79	Letters and messages from family, relatives, personal friends and neighbours from Gravesend, Ascot, Oxford etc., some sent to Southwood's father and passed on by him.
A.80-A.105	Letters and messages from colleagues and friends.
A.80	A.
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A.93	L.
A.94	M.
A.95	N.
A.96	O.
A.97	P.
A.98	R.
A.99	Sa - Sm.

Biographical and personal

A.100	So - Sw.
A.101	T.
A.102	U, V.
A.103	Wa - Wh.
A.104	Wi - Wy.
A.105	Y, Z.
A.106-A.108	Correspondence on senior appointments (declined) 1985. 3 folders.
A.109	Correspondence on Southwood's resignation from Council, Royal Holloway and Bedford Colleges, University of London, 1985.
A.110-A.114	Correspondence on senior appointments in UK and overseas (declined), 1986. 5 folders.
A.115, A.116	Correspondence on senior appointments in UK and overseas (declined), 1987. 2 folders.
A.117	Honorary D.Sc., University of East Anglia, July 1987. Brief correspondence only.

Biographical and personal

- A.118 Award of D.Sc. Oxford, planned for 1987 but deferred to January 1988.
- Includes Southwood's 'Evidence submitted for permission to supplicate',
 brief correspondence.
- A.119-A.133 Vice-Chancellorship, Oxford University.
- A.119 Nomination 1987. Southwood's letter of 18 March 1987 (included with
 permission) written from Port Moresby Papua New Guinea to his wife and
 Wendy Laffer, describing his first reactions to his nomination. Also included
 here is a copy of his letter of 29 April to R. Root of Cornell University
 describing the episode (the original is at H.54).
- See C.39, C.40 for further material.
- A.120-A.128 Letters and messages of congratulation on appointment. 1987.
- A.120 A, B.
- A.121 C - E.
- A.122 F, G.
- A.123 H, J.
- A.124 K - M.
- A.125 N - P.
- A.126 R.
- A.127 S, T.

Biographical and personal

A.128	V, W.
A.129, A.130	Formal installation as Vice-Chancellor, October 1989.
A.129	Luncheon seating plan, letters and messages of goodwill.
A.130	Letters and messages (first-name signatures).
A.131	Miscellaneous letters of thanks and appreciation 1991-1992, on various aspects of Southwood's Vice-Chancellorship.
A.132, A.133	Valedictory letters and messages on retirement from Vice-Chancellorship and Presidency of the Campaign for Oxford, 1993-1994.
A.132	A - J.
A.133	L - W.
A.134-A.137	Election as Foreign Associate Member, National Academy of Sciences, Washington D.C., 1988. See H.76 for formal introduction ceremony.
A.134	Correspondence 1985 with C. Huffaker on nomination, notification of election 1988, list of new elections, citations, programme of presentation ceremony 1989.
A.135-A.137	Letters and messages of congratulation, several with copies of Southwood's reply.
A.135	A - G.
A.136	H - R.

Biographical and personal

- | | |
|--------------|---|
| A.137 | S -W. |
| A.138 | Conferral of Honorary D.Sc., McGill University, Montreal, Canada, 1988.
Brief correspondence only. |
| A.139 | Tyler Prize. 1988.
Brief correspondence only. |
| A.140 | Correspondence on senior appointment (declined) 1988. |
| A.141 | Correspondence on senior appointment (declined) 1989. |
| A.142, A.143 | Correspondence on senior appointments (declined) 1991.
2 folders. |
| A.144 | Award of the Order of Merit of the Italian Republic, February 1991. |
| A.145 | Conferral of Honorary Doctorate of Laws, University of London, November 1991.
Correspondence, citation. |
| A.146-A.149 | Correspondence on senior appointments (declined) 1993.
4 folders. |
| A.150 | Correspondence and papers 1993 on Southwood's nomination as Royal Society Representative on the Governing Body, Eton College. |
| A.151 | Award of Order of Merit of the Portuguese Republic, April 1993. |

A.152	Conferral of Honorary Doctorate of Law, Oxford Brookes University, September 1993. Brief correspondence only.
A.153	Correspondence on appointment of Southwood as a Deputy Lieutenant for Oxfordshire, 1993 and one letter 1995.
A.154	Correspondence 1993 on Presidency of European Science Foundation.
A.155	Correspondence and papers 1993 - 1994 on conferral of Honorary Doctorate of Laws, University of Bristol, February 1994. Southwood spoke at the Graduation Dinner. Also includes membership of University Convocation July 1994.
A.156	Correspondence 1993 - 1994 on conferral of Honorary D.Sc., University of Durham, June 1994.
A.157	Correspondence 1993 - 1994 on conferral of Honorary D.Sc., University of Sussex, July 1994. Southwood spoke at the Graduation Dinner.
A.158	Correspondence 1993 - 1994 on conferral of Honorary D.Sc., University of Victoria, British Columbia, Canada, November 1994.
A.159	Distinguished Guest membership, Century Association New York, January 1994.
A.160	Resignation from Lloyd's Tercentenary Foundation, February 1994.
A.161	Award of Distinguished Statistical Ecologist Award of INTECOL, conferred August 1994. Brief notification only.

Biographical and personal

- A.162 Correspondence 1994 on Gold Medal of International Congress of Entomology.
- A.163 Correspondence 1994-1995 on Honorary Fellowship, Westminster College Oxford, conferred May 1995. Includes request to Southwood to give keynote address at Higher Education Foundation Conference, March 1996.
- A.164 Correspondence 1995 on Honorary Fellowship, Royal College of Radiologists, conferred September 1995.
- A.165 Invitation to serve on Entomological Foundation Board of Councilors, Entomological Society of America, October 1995.
- A. 166 Election as Foreign Member, Royal Netherlands Academy of Arts and Sciences, October 1995.
- A.167 Correspondence on National Trust, December 1995.
- A.168-A.178 MISCELLANEOUS BIOGRAPHICAL CORRESPONDENCE 1952-1996 AND MATERIAL**
- A.168-A.171 Letters, communications, expressions of views etc. on various topics.
- A.168 1961-1969.
- A.169 1973-1977.
- A.170 1987-1989.
- A.171 1990-1997.

Biographical and personal

A.172, A.173	Invitations (declined) to join, chair, adjudicate on various organisations, projects etc.
A.172	1977-1993.
A.173	1994-1995.
A.174-A.176	Miscellaneous letters and messages of congratulations, thanks, valediction etc. sent or received by Southwood 1952-1996.
A.174	1952-1978.
A.175	1982-1989.
A.176	1990-1996.
A.177	Subscriptions and donations.
A.178	'Poems' on various occasions.
A.179-A.183	PRESS CUTTINGS
A.179	Personal, knighthood, Vatican, TV film reviews etc.
A.180	Lectures and visits.
A.181	Imperial College and Silwood Park.
A.182	Oxford University and Campaign.

Biographical and personal

- A.183 National Radiological Protection Board.
Royal Commission on Environmental Protection.
See M.61 for press-cuttings on BSE.

A.184-A.203 PHOTOGRAPHS

Many of the early photographs were taken by Mary Southwood for her friends the Laffers in Australia and returned by them in 1982 and 1983. There are often notes and identifications by Mary Southwood or the Laffers.

See A.222-A.251 for additional photographs made available at a later date.

- A.184-A.188 Family and personal
A.189-A.192 Imperial College/Silwood Park
A.193, A.194 Oxford
A.195-A.203 Visits and occasions

A.184-A.188 Family and personal

- A.184 Southwood as an infant.
- A.185 Southwood as a youth, with parents and relatives.
- A.186 The Southwoods on their boat 1948.
- A.187 Parrock Manor, Marlborough Cottage and their gardens.
- A.188 'Grandpa' (W.E.W. Southwood), Mark Southwood (1960).

Biographical and personal

A.189-A.192 Imperial College/Silwood Park

A.189 Silwood Park, house, farm and grounds.

A.190 Group photographs of Silwood Park staff and students 1967, 1973, 1979.

A.191 Silwood Park, dinner in Hall 1957, 1978.

A.192 Southwood as Dean, Albert Hall ceremony 1971.

A.193, A.194 Oxford

A.193 Oxford. In Department of Zoology 1979, 1981.

A.194 Oxford. D.Sc. 1988.

A.195-A.203 Visits and occasions

A.195 Mexico City, 1964.

A.196 Meeting on mosquito vectors, Geneva, Switzerland 1966.

A.197, A.198 Cornell University Centennial Celebration, 1974.

A.199, A.200 British Naturalists' Association (BNA, formerly B.E.N.A) meeting 1989. See A.4 for an interview given by Southwood on this occasion.

A.201 Opening of Rothamsted Insectary 24 September 1990 (with T. Lewis and P. Lilley).

Biographical and personal

A.202 Coimbra Group meetings 1991-1993.

A.203 British Japan Society, Tokyo, 1993.

A.204-A.251 ADDENDUM

A.204-A.221 Early notebooks and diaries

A.222-A.251 Photographs

A.204-A.221 Early notebooks and diaries 1941-1967

A.204 Small black notebook, 'Notebook of birds', numbered 'NB/1'.
Entries begin Christmas week 1941 and continue through 1942 and 1943.

A.205 Loose pages from 'NB/4' 1943, 'NB/6' n.d. (observations in Parrock Manor Garden), 'NB/8', and other undated notes.

A.206 Southwood's note September 1997 on his 'Notebooks and Diaries', explaining his system of numbering, and drawing attention to entries of significance. The references are to A.207 - A.218.

A.207-A.209 Notebooks

A.207 'Book of bird notes' February 1942.

A.208 'NB/3' 1942 - 1946.

A.209 'NB/5 Diagrams Rocks'.

Biographical and personal

A.210-A.218 Diaries

A.210 1943.

A.211 1944 (i).

A.212 1944 (ii).

A.213 1945.

A.214 1946.

A.215 1947.

A.216 1948.

A.217 1949.

A.218 1950.

A.219, A.220 Two notebooks on Heteroptera.

A.219 'Notes on Hem-Het'. Miscellaneous notes, begun 1948 but mainly dated 1952 - 1954.

A note by Southwood September 1997, on the origins and contents of both books, is included here.

A.220 'Systematic notes', mostly made on visits to the British Museum (Natural History).

Biographical and personal

- A.221 Small hardback notebook, various dates 1952-1967, notes and press-cuttings pasted in, mainly biographical, career, appointments, elections to societies, marriage and family. Also items on the history of Parrock Manor (Southwood's childhood home) and the family dairy business.
- A.222-A.251 Photographs 1930-1997**
- These are additional items made available at a late date by Southwood and with dates and identifications by him.
- A.222-A.230 Family and personal 1930-1994**
- A.222 Marriage of E.W. Southwood and A. Mary Regg (Southwood's parents) 1930.
- A.223 Southwood as an infant.
- A.224 Southwood by the water garden at Parrock Manor *ca* 1944.
- A.225 Southwood *ca* 1948.
- A.226 B.Sc. September 1952.
- A.227 Investiture, Buckingham Palace (with family) 1984.
- A.228 Admission as Vice-Chancellor Oxford, October 1989.
- A.229 Hon. LL.D., London University 1991.
- A.230 Hon. D.Sc. Durham University 1994.

Biographical and personal

A.231, A.232	Rothamsted Experimental Station	1953, 1993
A.231	With colleagues 1953.	
A.232	Welcoming H.M. The Queen 1993.	
A.233, A.234	Flatford Mill, Suffolk	1955
A.233, A.234	Photographs on University of London Natural History and Insect Ecology courses 1955.	
A.235, A.236	In the field	1982, 1983
A.235	New Forest 1982.	
A.236	Queensland, Australia 1983.	
A.237-A.240	Committees and boards	ca 1982-1993
A.237	Board of Trustees, British Museum (Natural History) ca 1982.	
A.238	Royal Commission on Environmental Pollution Press Conference 1983.	
A.239, A.240	National Radiological Protection Board 1987, 1993.	
A.241-A.247	Oxford University and Campaign	1985-1997
A.241	With a student 1985.	
A.242	At Somerville College, with Mrs Thatcher.	

Biographical and personal

A.243	In Japan 1990.	
A.244	In Vice-Chancellor's room Oxford.	
A.245	Oxford/Cambridge meeting 1993.	
A.246	Oxford Reunions; South Korea 1991, Washington D.C. 1993.	
A.247	As 'Pro-Chancellor', Guildhall, London 1997.	
A.248, A.249	Central European University, Budapest, Hungary	1993, 1994
A.248	Lecturing 1993.	
A.249	Senate and Trustees 1994.	
A.250, A.251	Occasions	1992
A.250	At Pontifical Academy.	
A.251	Visiting European Parliament, Strasbourg, France, 1992.	

SECTION B

**IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY,
LONDON**

B.1-B.72

Southwood entered Imperial College to read Zoology as an undergraduate in 1949. After graduating with first-class honours in 1952 he went as a research scholar funded by the Agricultural Research Council to Rothamsted Experimental Station, Hertfordshire where he undertook doctoral research under the nominal supervision of C.B. Williams, though working closely with C.G. Johnson. In 1955 he returned to Imperial College as a Research Assistant in the Department of Zoology and Applied Entomology, initially still funded by the ARC. He became successively Lecturer, Reader in Insect Ecology and Professor of Zoology and Applied Entomology and Head of the Department, as well as Warden, later Director of the Field Station at Silwood Park at Ascot, Surrey. He also served the College as Dean, Founder-Chairman of the Division of Life Sciences and as temporary Head of the Department of Biochemistry 1973-1974.

Southwood left Imperial College in 1979 to take up the Linacre Chair of Zoology at Oxford, but continued to maintain academic and personal contact.

Early correspondence on Southwood's application to Imperial College and other universities is at A.39, A.40; undergraduate notebooks, lecture notes and doctoral thesis are at B.32A-B.50.

A small amount of lecture material relating to Southwood's period at Rothamsted, which came late to hand, has been added at B.70-B.72.

B.1-B.22	SOUTHWOOD'S CAREER AT IMPERIAL COLLEGE
B.23-B.32	DEPARTMENT OF ZOOLOGY AND SILWOOD PARK FIELD STATION
B.32A-B.69	LECTURES AND TEACHING
B.70 - B.72	LECTURES ATTENDED AT ROTHAMSTED EXPERIMENTAL STATION

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B.1-B.22

SOUTHWOOD'S CAREER AT IMPERIAL COLLEGE

1955-1995

This is a chronological sequence of personal and official correspondence and documents. Many of the early exchanges are with O.W. Richards, Southwood's predecessor in the Department and at the Field Station.

- B.1 March - July 1955. Correspondence on career, possible Demonstratorship at Cambridge, notification of conferral of doctorate (presented January 1956), appointment as Research Assistant in Imperial College Department of Zoology and Applied Entomology.
- B.2 September 1955 - October 1956. Southwood was married in September 1955 and became ill with acute appendicitis on his honeymoon. Complications arose, three operations were necessary and he remained in hospital until Christmas.
- Correspondence on illness, work and salary arrangements.
- B.3 1957-1958. Includes appointment as Lecturer in Imperial College Department from September 1957 concurrent with Acting Wardenship of Silwood Park.
- B.4 1960. Includes appointment as permanent Lecturer in Imperial College Department from September 1960, award of Huxley Memorial Medal and Prize.
- B.5 1961. Southwood's possible visit to University of California at Berkeley (achieved in 1964), grants for partridge work, consultancy arrangements.
- B.6 1961. Southwood's consultant's report on damage to goatskins by bacon beetles in transit from India.
- B.7 1961-1962. Correspondence and reports on infestation of dried and canned fruit, by Southwood and by R.E. Blackith, and Southwood's notes and calculations on the case.
- B.8 1962-1963. Election to Committee of Imperial College branch of Association of University Teachers, conferral of D.Sc. London.

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- B.9 1963-1964. Mainly arrangements for Southwood and his family to visit Mexico and Berkeley, and for his appointment as Reader in Insect Ecology at Imperial College from October 1964.
- B.10 Southwood's letters to departmental colleagues, and to Richards, from Mexico and Berkeley, August 1964 - March 1965 (some refer to events on Berkeley Campus).
- See also E.45-E.53 , H.3, H.4 for lectures and other material relating to this visit.
- B.11 1966-1967. Brief correspondence on applications for leave of absence, salary award etc.
- B.12 1967-1968. Appointment to Chair of Zoology and Applied Entomology, Head of Department and Director of Silwood Park Field Station from 1 October 1967.
- Correspondence, notification of appointment, discussion of staff and equipment, letters of congratulation. Southwood suffered a mild coronary attack in November which is referred to briefly here.
- See A.50 for material relating to Chair in the Research School of Biological Sciences, Australian National University at Canberra, which Southwood had been offered.
- See A.51-A.59 for further letters about Southwood's illness.
- B.13 1968. Inaugural Lecture, 9th October 1968, on 'The abundance of animals' (*Bibliog.* 75).
- Correspondence, guest lists.
- B.14 1969. Brief correspondence on salary awards.
- Comments on Southwood's Inaugural Lecture, by W.F. Jepson, who was technically Southwood's boss when a Research Assistant (1955-1957), October 1969.
- B.15 1969. Correspondence and papers on Southwood's professional advice on infestation of potato dice by spider beetles, on behalf of Brown and Polson.

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- B.16 1974. 'A proposal for a national interdisciplinary environment "Think-Tank", the British Environment Institute.'
- Proposal drawn up by Southwood and dated 24 January 1974. Folder includes an explanatory note about the origins and subsequent history of the proposal, written for inclusion with the papers by Southwood (1996).
- B.17 Miscellaneous correspondence and papers on superannuation, life insurance, 1956-1979.
- Miscellaneous applications for leave of absence for conferences, external examinations etc. 1970-1978.
- B.18 1977-1979. Leaving Imperial College. Correspondence and papers on departmental organisation, staffing and finance, Southwood's letters to Rector and colleagues on his appointment to Oxford, arrangements.
- See also C.1.
- B.19 1979. Leaving Imperial College. Letters, greetings cards and telegrams. Drafts and notes for various speeches at student dinners, humorous 'ode' sung at Field course 1979.
- B.19A Letters and messages (photocopies) from a valedictory book presented to Southwood from staff and students on his departure.
- B.20 1982-1983. Correspondence on Silwood Centre for Pest Management. Southwood served on the Advisory Board.
- B.21 1982-1984. Invitation to the opening of 'Southwood Hall' at Silwood Park, and manuscript of Southwood's speech June 1983; conferral of Honorary Fellowship of Imperial College and Staff Orator's Citation on Commemoration Day, October 1984.
- B.22 1983-1995 and undated. Continuing correspondence with former colleagues, departments and divisions at Imperial College. All topics.
- B.22A 'Memories of B.G. Peters'. 4pp manuscript and typescript recollections of Peters and colleagues at Imperial College, written by Southwood at the request of a colleague in Canada. ca 1970s.

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B.23-B.32	DEPARTMENT OF ZOOLOGY AND SILWOOD PARK FIELD STATION	1950s-1979
B.23-B.29	A chronological sequence of general correspondence and papers on Departmental and College matters: research projects, requests to work or visit, students and staff, travel grants, consultancies etc.	
B.23	1950s.	
B.24	1960-1962.	
B.25	1963-1966.	
B.26	1967-1969.	
B.27	1970-1973.	
B.28	1977-1978.	
B.29	Miscellaneous correspondence on Imperial College Workshops 1972-1973.	
B.30	Staff and student lists for Department and Silwood Park, with course and lecture titles, research interests etc. 1956-1958, 1961-1963, 1967-1979.	
B.31	Imperial College Zoology Department - News Miscellany, nos. 1-12, 1969-1974. This was a newsheet initiated by Southwood and issued 'to all teaching and other senior staff so that they may be kept informed of the many developments and changes in the University scene.'	
B.32	Miscellaneous material, including outline history of Silwood compiled by Southwood and J.S. Porter, information brochure, formal dinners.	

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B.32A-B.69 LECTURES AND TEACHING *ca* 1946-1978

- B.32A-B.49 Southwood's school and student notes
- B.50 Thesis
- B.51-B.69 Lectures and courses given by Southwood.

B.32A-B.49 Southwood's school and student notes *ca* 1946-1958

Southwood entered Imperial College in October 1949, graduating in 1952. B.32A dates from Gravesend School; other notes and notebooks are presented in order of academic year, undated notes having been identified in consultation with Southwood.

B.32A-B.35A are hard-backed notebooks. The remainder are loose notes originally held in claw binders. Titles and information have been reproduced and the material relocated in standard folders.

The contents are heterogeneous, and may include notes, diagrams and essays by Southwood, course handouts, instructions for practicals (some very extensive), examination questions, reading lists and the like. In this way, they constitute a useful guide to teaching methods of the time.

Some of the second-year handouts are headed 'Third Year Zoology Lectures', but Southwood has confirmed to the compiler of the present list that they were used in his second year. (Prior to 1949 the course had lasted four years, the first being the intermediate year mainly followed by ex-servicemen. In 1949 the intermediate year was discontinued and the years were renumbered).

B.32A and B.35A are late material.

- B.32A-B.36 School and First Year Material
- B.37-B.45 Second Year Material
- B.46-B.49 Third Year Material

B.32A-B.36 School and First Year Material *ca* 1946-1950

- B.32A Hard-backed notebook 'Botany Morphology'. Notes and diagrams made by Southwood as a schoolboy *ca* 1946.

B.33	Hard-backed notebook 'Zoology Practical', 5 October 1949.
B.34	Hard-backed notebook 'Zoology (Practical)' 28 November 1949.
B.35	Hard-backed notebook 'Zoology (Vertebrate)' 9 February 1950.
B.35A	Hard-backed notebook 'Zoology (Special Subject)'. Notes and diagrams made at various periods including Sixth Form 'Pond Life' 1947-1949, Third Year undergraduate work at Silwood Park 1952, and work on population estimates at Flatford Mill during Southwood's teaching of field studies course 1952-1958.
B.36	'Economic botany, plant geography, ecology. Dr. C.A. Pratt.' Contents of a folder so inscribed. 1949.
B.37-B.45	Second Year Material 1950-1951
B.37	'Invertebrata 1 Protozoa.' Contents of a folder so inscribed. Notes, essays, examination questions, lecture handouts.
B.38	'Invertebrata 2 and 4 Vermes.' Contents of a folder so inscribed. Notes, including lectures by Miss B. Jacobs, essays, examination questions, lecture handouts.
B.39	'Invertebrata 3 Arthropoda.' Contents of a folder so inscribed. Charts and diagrams, notes, essays, lecture handouts.
B.40, B.41	'Advanced invertebrate zoology - Practicals.' Contents of extensive folder so inscribed. Work begun May 1950 and continued in third year.
B.40	Drawings and diagrams.
B.41	Instructions for 90 sessions of practicals.

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- B.42 'Advanced Vertebrate Zoology - Practicals.' Drawings and diagrams.
- B.43 Advanced Vertebrate Zoology. Work begun Summer Term 1950 and continued in second year. Contents of unlabelled folder. Extensive notes, diagrams, essays and examination papers, reading lists, dissection and practical instructions, extensive teaching material and handouts. Includes notes of lecture by D.M.S. Watson (University College London).
- B.44 Lectures on plant physiology, by O.V.S. Heath, and on plant pathology, by W. Brown. Includes 1p notes on ecology by L.E. Wagge (later Mrs E. Brown), with a note by Southwood 'Notes made at Silwood May - June 1950 (first visit)'. This was actually Southwood's first extended stay at Silwood; he had made a previous visit in autumn 1949.
- B.45 'Marine Zoology - Drs. Orr, Pike, Gould and others. General and comparative physiology and organic chemistry - Drs. Murray and Waloff.'
- Contents of a folder so inscribed. Work on marine zoology took place at Millport, Cumbrae, Scotland, in the Easter vacation 1951; lectures on general physiology were at Imperial College, Summer Term 1951.
- Notes, diagrams, practicals instructions, reading lists. The material was originally contained in a folder used by Southwood's father E.W. Southwood when a student at Wye College and labelled 'Fruit Growing'.
- B.46-B.49 Third Year Material 1951-1952**
- B.46 Contents of unlabelled folder. Lectures on systematics and morphology of insects, mainly by O.W. Richards.
- Notes, diagrams, teaching material.
- B.47 Drawings and diagrams for entomology practical class run by R.G. Davies and K. Boratynski.
- B.48 Contents of unlabelled folder.
- Lectures on 'Genetics and Cytology' by F. Howarth, 'Zoogeography' by H.R. Hewer and on 'Evolution' by O.W. Richards. All 1951-1952.
- Also included are notes of lectures on statistics by C.B. Williams, taken at Rothamsted when Southwood was a research student 1952-1953.

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- B.48A 'Insect morphology and applied entomology'. Contents of a folder so inscribed. Notes, diagrams, lectures by J.W. Munro, R.E. Blackith, C. Lewis, A.B.P. Page, A.E.H. Higgins, W.F. Jepson, K. Boratynski, O.W. Richards. Final (post-examination) term at Silwood Park, April - June 1952.
- B.49 Notes of lectures on biometrics, given by R.E. Blackith at Imperial College 1963.
- B.50 Thesis 1955**
- B.50 'Some studies on the systematics and ecology of heteroptera', Southwood's Ph.D. thesis, University of London, June 1955.
- B.51-B.69 Lectures and courses given by Southwood 1956-1978**
- Many of these courses were ongoing and hence frequently updated and revised. They are presented in the order of the earliest date, and with Southwood's advice.
- B.51 'The preparation of theses and papers'. Manuscript notes for M.Sc. students at Silwood Park, 1956 and ongoing.
- B.52-B.56 Lectures on 'Ecological Methods'. This was Southwood's principal course, and the title of his best-known book. He gave the course at Imperial College from 1959 and also used some of the material in Mexico and California 1964-1965.
- B.52 'Ecological Methods' ca 1959-1964. References, notes for practicals, manuscript drafts for lectures paginated 1-30, with some intercalated pages.
- B.53 'Ecological aspects of insect control' and 'Ecological aspects of applied entomology', ca 1959-1964.
- References, manuscript drafts for lectures on 'Ecological aspects of insect control' paginated 1-18, and for 'The environment' paginated 1-17.

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- B.54 'Synopsis and bibliography of lectures on applied ecology', latest reference 1965.

Notes and handouts for 'Ecology practical'. Continuation of B.53
- B.55 References and drafts for lectures on population estimates, sampling methods, dispersal etc. Latest references 1965 but probably used to ca 1970.
- B.56 Notes, drafts and teaching material on population estimates, sampling methods, mark and recapture, nearest neighbour techniques. Similar to B.55.
- B.57 Courses in Field Ecology 1960-1968. These were first and second year courses, based at Silwood Park but working on various sites.

Timetabling, arrangements, Southwood's notes, letters of thanks from students.
- B.58 Field work at Thursley Common and Nature Reserve, Surrey.

Arrangements 1966-1970, brief correspondence, map of site, Southwood's notes.
- B.59 Notes for two short lectures given by Southwood as Head of Department ca 1967-1973. Welcome to M.Sc. students at Silwood Park. Lecture on careers for third-year finalists.
- B.60-B.62 Postgraduate course in applied entomology (later 'applied ecology'), 1965-1975.
- B.60 1965-1967. Arrangements for course and for examination, timetabling, references for Southwood's lectures, syllabuses, question papers, students' comments on lectures.
- B.61 1972. Timetable, brief notes on careers by Southwood.

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- B.62 1974-1975. Timetable, drafts for Southwood's lectures paginated 36-52 with intercalated pages.
- B.63 Outlines of lectures on 'Human population growth', given as part of interdepartmental 'Environment and Man' course ca.1970.
- B.64 First-year lectures on 'Pattern and process in populations and communities'. 1969, 1977-1978.
- This was a course begun in collaboration with A.J. Rutter. Folder includes first outline and ideas for course 1969, extensive summaries of Southwood's lectures 1977-1978.
- B.65 Lectures for third-year course on social biology and population ecology. Latest reference 1977.
- B.66 'Biology of organisms'. This was a major course of lectures begun at Imperial College and, considerably modified, also used at Oxford.
- Folder includes notes and drafts, 'lecture sheets' (many with extensive manuscript amendments and additions), examination papers on the subject 1975-1978.
- B.67, B.68 Insect biology and taxonomy. Extensive notes, drafts, reading lists, classification tables for lectures for M.Sc. course at Imperial College 1970s and also used for entomology option at Oxford. 2 folders.
- B.69 Miscellaneous shorter ideas for lecture courses and examination papers at Imperial College.

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B.70-B.72

**LECTURES ATTENDED AT ROTHAMSTED
EXPERIMENTAL STATION**

1952-1953

Southwood's first visit to Rothamsted was on a school outing (which he organised); following that he worked there as a voluntary vacation worker leading to *Bibliog 2*. After his period as a research student he maintained personal and research contacts with colleagues there (see *Bibliog 51*). He also had administrative links at Rothamsted, as a member of two Agricultural Research Council visiting groups, and later as a member, later Chairman, of the Lawes Trust.

The following lecture and conference notes are the surviving documentation of Southwood's years as a research student 1952-1955 under the supervision of C.B. Williams. See also B.48.

- | | |
|------|--|
| B.70 | Manuscript notes of lectures by C.B. Williams, M.J. Hely, and unidentified notes dated March 1953. |
| B.71 | Programme, participants, abstracts, Southwood's notes of Symposium on Insect Population Problems, organised by Comité Européen de Zoologie Agricole (CEZA), at Rothamsted and Cambridge 9-12 September 1952. |
| B.72 | 'The Causes of Insect Abundance', manuscript notes of lecture by C.G. Varley given at Royal Institution, March 1953. |

SECTION C

OXFORD UNIVERSITY

C.1-C.144

Southwood came to Oxford in 1979 as Linacre Professor of Zoology. He had been invited in July 1977 to serve on the Board of Electors to the Chair, and also on that of the Hope Professor of Zoology (Entomology). By October he was already being informally sounded out about his own availability and after various exchanges of views, principally with H. Harris, he resigned as an Elector on 30 November and was invited in January 1978 to accept election to the Linacre Chair. See C.1 for the relevant correspondence and papers. The Chair carried with it Fellowship of Merton College; see C.23-C.38.

In 1987 Southwood was invited to accept nomination as Vice-Chancellor. This had several unusual aspects. For one thing he was in Papua New Guinea at the time and much of the negotiation to overcome his initial reluctance was conducted at long range by fax, telephone and letter. His appointment also broke with a tradition of several centuries that the Vice-Chancellor should be a 'Head of House'.

Southwood's years as Vice-Chancellor, 1989-1993, coincided with the major fund-raising 'Campaign for Oxford' which had been launched in 1988. This project, of which he became President in 1990, occupied much time and energy, necessitating many social and speaking engagements and much international travel. An attempt has been made in the items below to distinguish Vice-Cancellarian affairs and correspondence from those more specifically relating to Campaign matters, but there is inevitably some overlap in the topics and the participants involved.

On completion of his term as Vice-Chancellor Southwood continued as President of the Campaign for one year and until 1998 to act as Pro-Vice-Chancellor and take part in many University affairs. He was President of the Coimbra Group of European Universities 1992-1993. He returned to the Department of Zoology as Professor under statute and continued to give his First Year lecture course as he had done throughout his period as Vice-Chancellor. His successor as Linacre Professor was R.M. Anderson, appointed in 1992.

C.1-C.22	LINACRE CHAIR AND DEPARTMENT OF ZOOLOGY
C.23-C.38	MERTON COLLEGE
C.39-C.77	VICE-CHANCELLORSHIP

Oxford University

C.78-C.110 CAMPAIGN FOR OXFORD

C.111-C.117A SPEECHES AND ADDRESSES

C.118-C.125A SOUTHWOOD'S MEMORANDA

C.126-C.129 NOTEBOOKS

C.130-C.144 ADDENDUM

Oxford University

C.1-C.22	LINACRE CHAIR AND DEPARTMENT OF ZOOLOGY	1977-1995
C.1-C.5	Appointment and career	
C.6-C.10	Departmental organisation	
C.11-C.16	Departmental correspondence	
C.17-C.22	Lectures and teaching	
C.1-C.5	Appointment and career	1977-1988
C.1	Correspondence 1977-1978. Includes invitation to serve on Board of Electors to Linacre Chair, discussions and negotiation, offer and acceptance of chair. Also one letter of congratulation 1979. See B.18-B.19A for material on Southwood's leaving Imperial College.	
C.2	1979-1980. Conferral of M.A. Brief correspondence <i>re</i> removal of Southwood's grandfather clock from Silwood Park.	
C.3	1983. Re-assignment to Southwood of Headship of Department of Zoology for second five-year period.	
C.4	1987. Supplication and evidence submitted for D.Sc. (taken as a result of election as Vice-Chancellor).	
C.5	1988. Application for Professorial award.	
C.6-C.10	Departmental organisation	1978-1995
C.6	1978-1980. Correspondence and papers on plans and recruitment for the department.	
C.7	1982. Correspondence and papers on proposed research project on sorghum and on brown planthopper flight.	

Oxford University

- C.8 1982-1988. Open Days at Zoology Department. Information, manuscript notes for Southwood's speeches of welcome.
- C.9 1989-1995. Correspondence and papers exchanged with colleagues and University Surveyor's department on reorganisation and re-building.
- C.10 Miscellaneous material on examinations and on 'life after finals'. Includes Southwood's notes, brief correspondence 1986 and undated.
- C.11-C.16 Departmental correspondence 1980-1995**
- These are miscellaneous items on all topics involving Southwood directly and do not claim to be representative of the general administration of the Department.
- C.11 Correspondence with colleagues proposing to visit or spend sabbatical leave in Department. Various dates 1980-1989.
- C.12 1984, 1988.
- C.13 1989, 1990.
- C.14 1993-1994. Includes a little correspondence on Southwood's return to the Department after service as Vice-Chancellor, and his continuing lectures.
- C.15 1994.
- C.16 1995.

Oxford University

C.17-C.22	Lectures and teaching	1978-1988
C.17	'General zoology - an evolutionary framework'. 3pp. draft. Southwood's plan for Oxford Zoology 1978, rejected by the 'Departmental Teaching Committee' (private communication 1996).	
C.18	Notes, drafts, references for lectures on insect biology and taxonomy, given for Entomology Option at Oxford. Begun at Imperial College and continuing into 1980s. See also B.67-B.68.	
C.19	Notes, references, information for 'Biology of Organisms' component of Prelims course 1981. See also B.66.	
C.20	Notes and drafts for lectures given to M.Sc. Forestry students, early 1980s.	
C.21	Extensive notes, drafts, information for Ecology Option in honours course. Continuing to 1988.	
C.22	Notes and references for lectures on 'Pests and diseases' in honours course 1985.	
C.23-C.38	MERTON COLLEGE	1978-1996
C.23-C.25	Appointment and career	
C.26-C.30	Merton committees	
C.31-C.38	Correspondence	
C.23-C.25	Appointment and career	1978-1996
C.23	Coming to Merton 1978-1979; election to professorial fellowship on vacation of the Linacre Chair 1992.	

Oxford University

- C.24 Vice-Chancellorship 1987-1993, 1996. Arrangements for Southwood's official entertainment at Merton during his service as Vice-Chancellor and as President of the Campaign. Includes a letter 1987 on the historical precedents for the Vice-Chancellor not being a 'Head of House'.
- C.25 Southwood's portrait at Merton by Mark Wickham; choice of artist, items to be included etc. 1988-1989, 1995.
- C.26-C.30 Merton committees 1983-1987, n.d**
- C.26 Tutors' Committee - joint Lecturership 1983.
- C.27 Working Party on tutorial resources 1985-1986. Papers and submissions, some annotated by Southwood.
- C.28 Warden's Progress (of the College Estates in Cambridgeshire and Leicestershire) 1987.
- C.29 Picture Committee 1987.
- C.30 Educational Policy Committee, n.d.
- C.31-C.38 Correspondence 1981-1995**
- C.31-C.34 Correspondence on miscellaneous items of natural history referred to Southwood.
- C.31 Turtles and turtle soup 1980.
- C.32 Butterflies in railway cutting 1991.
- C.33 Midges 1992.

Oxford University

C.34 Silk 1993.

C.35-C.38 General correspondence and papers.

C.35 1984-1986.

C.36 1988-1989.

C.37 1993-1995.

C.38 Miscellaneous correspondence on appointments and staff, 1984-1994.

C.39-C.77 VICE-CHANCELLORSHIP 1987-1995

C.39-C.42 Appointment and personal

C.43-C.71 Committees and activities

C.72-C.77 Correspondence

C.39-C.42 Appointment and personal 1987-1994

Letters of congratulation on Southwood's election as Vice-Chancellor (1987), his installation (1989), his leaving office (1993) and on various occasions during his tenure of office are in Section A.

C.39 Appointment 1987.

Southwood was the first holder of the office who was not also a 'Head of House' since the Laudian Statutes of 1636. At the time he was officially approached he was on an extended visit to Madang, Papua New Guinea and Singapore and negotiations were conducted by fax and telephone as well as by letter. See A.119, H.54 for Southwood's contemporary accounts of this episode.

Oxford University

Correspondence and papers March-November 1987, with Vice-Chancellor and Registrar, radio and press arrangements, Southwood's manuscript notes assessing the requirements of University, college, departmental and outside commitments on his time.

C.40 Brief correspondence about formal ceremony of nomination, May 1987.

C.41 Correspondence 1987-1994 about arrangements for sabbatical leave, and Southwood's return to the Department of Zoology at the end of his Vice-Chancellorship.

C.42 Vice-Chancellor's weekly work schedule, guest lists for entertainment.

C.43-C.71 Committees and activities 1987-1995

Official records are held by the University. The following material, in chronological order, represents Southwood's own records of matters of special interest to him.

C.43-C.45 Higher Education Reform Bill

Papers and correspondence 1987-1988.

C.43 Drafts, amendments, comments on the Bill, 11, 21, 23 December 1987, and a copy of Oxford University *Gazette* 28 January 1988 containing Hebdomadal Council's Statement on the Bill.

C.44 Correspondence and representations by and to others January-March 1988. Included here is Southwood's article 'Right to mistrust reform', *The Times* 3 February 1988 (*Bibliog.* 163A) (press-cutting only).

C.45 Press-cuttings of letters and articles on the Bill.

C.46-C.51 Relations with Europe

Papers and correspondence on various initiatives for collaboration 1988-1995.

Oxford University

- C.46 1988. Padua University; Standing Conference of rectors, presidents and vice-chancellors of the European Universities (CRE); Consultants in Economic Regeneration in Europe (CERES); Comité National de la Recherche Scientifique, Paris.
- C.47 1989. COPERNICUS scheme for European collaboration on environmental issues; ERASMUS scheme for academic exchanges.
- C.48 1990. OUP European publishing; Foundation for Science and Technology meeting on 'New European Challenges for Education'.
- C.49 1991. European Studies Working Party; Students for Educational Exchange (SEE); miscellaneous manuscript notes by Southwood on European co-operation.
- C.50 1993. 'Oxford Carrefour', 18-20 February 1993, on 'Science, conscience and culture'. This was one of the series of 'Carrefours Européens' organised by the European Commission.
- Information, discussion themes, participants, abstracts, letter of thanks from J. Delors (President).
- C.51 1994-1995. Carrefour at Leiden 22-23 October 1994. Programme, participants, letters of thanks.
- C.52 Universities Funding Council.
- Papers and correspondence on UFC's visit to Oxford 8 December 1989.
- Arrangements, plans, programmes, timetables, guest-lists, information and statistics on admissions, finance, income etc. Notes and 'thoughts' by Southwood.
- C.53-C.58 Working Party into Provision for Graduate Students.
- The Working Party was set up in February 1989. Southwood was Chairman. The Secretary was M.D. Sibly with whom much of the correspondence is exchanged.

Oxford University

- C.53 Correspondence, Southwood's notes on requirements (based on earlier 'Roberts report'), papers for 1st meeting on 20 March 1989 (annotated and highlighted by Southwood), copy of 'Roberts report' (some annotations).
- C.54 Correspondence, papers for meeting on 10 April 1989 (some annotations).
- C.55 Correspondence, papers for meeting on 12 May 1989 (extensive annotations by Southwood).
- C.56 Drafts for 'communication' from the Working Party to the General Board, May 1989 (extensive annotations by Southwood).
- C.57 Replies by colleges to Working Party's request for views on various recommendations for graduate provision, May-June 1989 (some annotations by Southwood), for consideration at meeting on 2 June 1989.
- C.58 Draft interim report, heavily annotated by Southwood.
Notice of meeting to consider final draft 2 October 1989.
- C.59-C.66 All Souls Group Seminars on Higher Education.

Correspondence and papers 1989-1990. The seminars, organised by R. Jackson (then Parliamentary Under-Secretary of State for Education and Science) on some aspect of higher education, had been given regularly in Oxford. Most of the material below refers to the series 'Seminars on the future of higher education' held January-March 1990, organised jointly by R. Jackson, C. Booth, Director of Oxford Polytechnic (later Oxford Brookes University) and Southwood; they also jointly led the final summing up and discussion at the last meeting on 9 March.

The seminars were held in the Old Library of All Souls where only 80 persons could be accommodated. The series attracted great interest, the demand for tickets was heavy and there were many unsuccessful applicants.
- C.59 Correspondence October 1989 inviting Southwood to the Autumn Meeting of All Souls Group on 'Approaches to the funding of higher education'. Includes Southwood's notes on speeches and discussion.

Oxford University

- C.60 Correspondence and papers September 1989 - February 1990, principally with R. Jackson and C. Booth on arrangements for their joint series; draft programmes and speakers, arrangements for dinners etc.
- C.61 Lists of participants, programme.
- C.62 Requests for tickets, many unsuccessful.
- C.63 Miscellaneous introductions to, or summaries of, seminars for 19, 26 January, 2, 9 February, 2 March.
- C.64 Notes and drafts (by Southwood and C. Booth) for final summing up and discussion on 9 March.
- C.65 Correspondence arising from seminars, with Council for Industry and Higher Education 1990.
- C.66 Southwood's notes of papers and discussions.
- C.67 Relations with Oxford City Council.

Correspondence and papers on joint meeting of Vice-Chancellor, Director, Oxford Polytechnic and Principal, Oxford College of Further Education with members of the City Council 13 July 1990. The purpose of the meeting and of the associated exhibition was to explain the development plans and the benefits to the city of the higher education sector. Includes arrangements, notes for Southwood's presentation, lists of participants, information.
- C.68-C.71 Miscellaneous notes and meetings on Higher Education.
- C.68 1989. Southwood's manuscript notes of informal discussions with Secretary of State (K. Baker) and others, on funding and numbers for higher education, at Balliol College 11 July.
- C.69 1991. Miscellaneous higher education policy events and discussions, with notes by Southwood.

Oxford University

- C.70 1993. Notes on meeting with Minister 22 July.
- Correspondence, notes, report on meeting at Higher Education Funding Council for England (HEFCE) 30 September.
- C.71 Information, articles, speeches on funding and development of further education and universities, sent to Southwood, often with accompanying correspondence, various dates 1988-1991.
- C.72-C.77 Correspondence 1988-1995**
- General correspondence on all topics, some related to specific University issues, some arising from Southwood's period as Vice-Chancellor and his continuing involvement. Includes some notes and memoranda.
- C.72 1988-1989. Manchester College.
- C.73 1988-1989.
- C.74 1991. Includes draft and material relating to Southwood's speech in Congregation 5 November 1991, on 'Three-site strategy'. Unpublished but listed by Southwood in his list of publications as *Bibliog.* 184b.
- C.74A 1992.
- C.75 1993. Includes press-cutting of Southwood's letter to *The Times* 2 October on 'University Research' (*Bibliog.* 200a).
- C.75A 1993. Includes notes and material on proposed 'recognition of distinction' scheme.
- C.76 1994.
- C.77 1995.

Oxford University

C.78-C.110 CAMPAIGN FOR OXFORD 1988-1996

This major international fund-raising initiative was launched in 1988. Southwood became its President in 1990, and President of the Europaeum in 1992.

C.78-C.81 Ethics Committee
C.82 Chancellor's Court of Benefactors
C.83-C.86 Europaeum
C.87-C.100 Visits and travel
C.101-C.110 Correspondence

C.78-C.81 Ethics Committee 1988-1995

Papers and correspondence, many annotated by Southwood.

C.78 1988.

C.79 1989.

C.80 1990.

C.81 1995.

C.82 Chancellor's Court of Benefactors 1988, 1994

C.82 Shorter correspondence and papers 1988, 1994.

Southwood chaired the committee that planned the Court and, with Mr. Venables of Shepherd and Woodward, designed the robes. (Private communication). Papers missing.

Oxford University

C.83-C.86

Europaeum

1991-1994

This was a network of institutions in some of the leading universities of Europe for collaborative research and graduate teaching.

C.83

1991.

C.84

1992. Southwood's speech of welcome for meeting of Budget Committee.

C.85

1993. Co-operation with Bonn University.

C.86

1994. Correspondence, reports, recommendations and papers on Europaeum activities, with special reference to the Committee, Council and Board of Management meetings at Oxford 13 December.

C.87-C.100

Visits and travel

1990-1994

This was one of the principal components of the Presidency of the Campaign, which Southwood undertook enthusiastically. Detailed records of his many visits survive only for Hong Kong 1990 (C.92-C.94) and for Japan (C.96-C.100).

C.87

Travel schedules 1990-1991, 1993-1994.

C.88-C.100

Reports, by Southwood and others, on visits

C.88

1990.

April: Portugal.

November-December: Los Angeles, Japan, Hong Kong, Taiwan, Singapore.

Oxford University

- C.89 1991.
- January: New York and Canada.
- March: USA.
- November-December: Canada, USA, Japan, Korea, Taiwan, Hong Kong, Singapore.
- C.90 1992.
- January: West Indies, New York, Boston.
- C.91 1993.
- April: Los Angeles, San Francisco, New York.
- C.92-C.95 Visit to Hong Kong, February-March 1990.
- C.92 Schedule, arrangements, correspondence 1990, including confirmation of Shaw Foundation donation for Institute of Chinese Studies.
- C.93 Earlier correspondence and reports on visits to Hong Kong 1982-1989.
- C.94 Correspondence and information on Chinese Studies at Oxford.
- C.95 Visit to Friends of Oxford in Belgium, December 1993.
- Correspondence only. Also included is correspondence *re* proposed visit to India and Pakistan 1994 (not by Southwood).
- C.96-C.100 Visit to Tokyo, Japan, 3-8 December 1993, and matters arising.
- C.96 Schedules, engagements, guest-lists, information.
- Included here is manuscript of Southwood's address at annual dinner of Japan-Britain Society on 'Life as a student, teacher and administrator in British Universities'.

C.97	Correspondence and papers, November-December 1993.	
	Arrangements for visit and matters arising, including correspondence and information from D.M. Morris (University of Oxford Japan Office). Includes outline programme of Osaka Trade Fair Symposium at which Southwood spoke April 1994.	
	See E.154.	
C.98	UK/Japan New Century Scholarships at Oxford. Launched 6 December 1993 during Southwood's visit.	
	Information, report on scheme.	
C.99	Southwood's reports on his visits.	
C.100	Continuing correspondence February-September 1994, mainly with D.M. Morris, on various Oxford-Japan projects, New Century Scholarships, benefactions, Osaka Trade Fair Symposium.	
C.101-C.110	Correspondence	1988-1996
	Includes memos and discussion notes. All topics.	
C.101	1988.	
C.102	1989.	
C.103	1990.	
C.104	1991.	

Oxford University

- | | | |
|---------------------|--------------------------------|---|
| C.105 | 1992. | |
| | | Includes Southwood's address at the 'Earth Summit Preview' discussion of the Oxford University North American Reunion 21 March (<i>Bibliog.</i> 192), his preface to 'Oxford in North America III' and his article for <i>The American Oxonian</i> (<i>Bibliog.</i> 200). |
| C.106 | 1993. | |
| C.107 | 1993. Future organisation. | |
| C.108 | 1994 January-May. | |
| C.109 | 1994 June-December. | |
| C.110 | 1995, 1996. | |
| C.111-C.117A | SPEECHES AND ADDRESSES | 1988-1997 |
| | | These are all Oxford-related, delivered at ceremonies, openings, dinners, or at specific Campaign events. |
| C.111 | 1988. | |
| | Campaign launch. | |
| C.112 | 1989. | |
| | Lincoln College Appeal launch. | |

Oxford University

- C.113 1990.
- Air Squadron Dinner.
- Rhodes Scholars.
- Oxford Society.
- International Association of Consultants in Higher Education Institutes.
- OUP North Carolina.
- Wheatley Park School.
- Vice-Chancellor's oration (*Bibliog.* 180)
- Chancellor's Court meeting (*Bibliog.* 181c)
- Michaelmas dinner.
-
- C.114 1991.
- Environmental Change Unit launch.
- Matriculation.
-
- C.115 1992.
- Orientation for overseas students.
- Opening of Thatcher Building Somerville College.
- Association of Italian Bankers Magdalen College.
-
- C.116 1993.
- Writings and addresses as President of the Coimbra Group (*Bibliog.* 197, 198, 198a).
- First Europaeum Conference Dinner.
-
- C.117 1997.
- Rhodes Scholars Dinner.

Oxford University

C.117A Shorter undated notes and outlines.

C.118-C.125A SOUTHWOOD'S MEMORANDA 1989-1995

These comprise notes, ideas, draft letters, representations etc. prepared by Southwood on his home computer and printed out for this collection. There are also manuscript notes, additions and annotations and sometimes a headnote by Southwood on the occasion or importance of the document.

The content relates to all aspects of University organisation and administration, and sometimes to specific institutions. It reflects Southwood's thinking from his installation in 1989, throughout his period as Vice-Chancellor and President of the Campaign, and as he looked ahead after the completion of his official service.

C.118 Folder inscribed 'Failed attempt to reform overall cttee structure'. Memoranda, notes, diagrams, various dates 1989-1992.

C.119 1989.

C.120 1990.

C.121 1991.

C.122 1992.

C.123 1993 (1)

C.124 1993 (2)

C.125 1994

C.125A 1995.

Oxford University

C.126-C.129 NOTEBOOKS 1991-1994

These are spiral-bound notebooks, A4 size, presented in chronological order. Most, but not all, of the entries are dated.

The content is Oxford-related, comprising the affairs of the University and Campaign with their national and international ramifications, the University Press and Central European University. It includes Southwood's notes or summaries of his discussions with officials, Heads of Houses, potential benefactors etc., notes for speeches or articles, notes on conferences, people met, future plans. The sequence thus constitutes a journal of considerable interest for the period.

C.126 8 March - 25 November 1991. Both ends of book used.

C.127 25 January - 8 December 1992. Not all entries dated.

C.128 25 February - 24 September 1993.

C.129 28 October 1993 - 26 August 1994. Both ends of book used.

C.130-C.144 ADDENDUM 1995-1997

The following items, many of recent date, were received at too late a stage for inclusion in the main sequence.

C.130-C.134 Pro-Vice-Chancellorship

C.135-C.144 School of Management Studies

C.130-C.134 Pro-Vice-Chancellorship 1995-1997

Southwood was *ex officio* a Pro-Vice-Chancellor until the end of the academic year 1994-1995. Since then he has continued to serve in a personal capacity.

Oxford University

- C.130 Correspondence March 1995 - July 1997 with Vice-Chancellor, Vice-Chancellor Elect and officials. Requests for Southwood to continue to serve, arrangements for him to officiate at University functions, inaugural lectures, University sermons, serve on electoral boards, advisory committees etc.
- C.131 Advisory Board for the Littlemore Fund 1996, 1997.
- C.132 Correspondence and arrangements for academic and social events attended or hosted by Southwood as Pro-Vice-Chancellor 1996-1997.

Includes Southwood's tribute to Diana, Princess of Wales, at the Informal Civic Tribute, Oxford Town Hall, 9 September 1997.
- C.133 Shorter correspondence, mainly letters of thanks.
- C.134 Miscellaneous correspondence and papers.
- C.135-C.144 School of Management Studies 1996-1997**
- Correspondence, reports, speeches and articles, meetings and discussions, press reports etc.
- C.135 July 1996.
- C.136 August - September 1996.
- C.137 September 1996.
- C.138 October 1996.
- C.139 October 1996.

Oxford University

C.140 November 1996.

C.141 May 1997.

C.142 June 1997.

C.143 June 1997.

C.144 Press cuttings.

SECTION D

RESEARCH

D.1-D.44

Southwood currently retains the major part of his research notes and data, not all of which is published.

The material in this section is therefore relatively scanty, though there is a full account of his work on the ecology of the partridge (D.3-D.37). The correspondence on his long-term work on oak insect communities (D.41) is also of interest.

D.1	WING POLYMORPHISM
D.2	MIRIDS
D.3-D.37	ECOLOGY OF GAME-BIRDS
D.38	POPULATION CHANGE
D.39	POLLINATION EXPERIMENTS
D.40	FLOOD-PLAIN SITES
D.41	OAK INSECT COMMUNITIES
D.42	CANOPY FOGGING
D.43	GRASSLAND MANAGEMENT
D.44	ILLUSTRATIVE RESEARCH MATERIAL

Research

D.1 WING POLYMORPHISM ca 1957

D.1 Diagrams, 3pp 'Notes on alary polymorphism in Heteroptera' 1957. Related to *Bibliog.* 40.

D.2 MIRIDS ca 1960

D.2 Data and tables, ca 1960, related to *Bibliog.* 34.

D.3-D.37 ECOLOGY OF GAME-BIRDS 1961-1985

Southwood became involved in this work in 1961 through the Animal Health Trust whose Executive Committee Chairman, Lord Rank, was interested in the problem of insect food and the rearing of game-birds, and the possible harmful effects on wildlife of toxic pesticide spraying.

The Animal Health Trust sponsored a Research Training Scholarship at Imperial College to support a postgraduate student (D.J. Cross) to undertake field studies under Southwood's direction. It was originally intended that the work should include the grouse moors on Rank's Scottish estates, and Southwood and Cross made a preliminary visit and report in 1961, but from March 1963 it was decided to discontinue the work in Scotland and to concentrate on the partridge stocks at Rank's Hampshire estate at Sutton Scotney.

A series of five papers was planned (see D.18) but only three were published, all in the *Journal of Animal Ecology* under the generic title 'The ecology of the partridge'. They are *Bibliog.* 69 (with T.H. Blank and D.J. Cross) on population processes, *Bibliog.* 70 on pre-hatching influences, and *Bibliog.* 76 (with D.J. Cross) on the abundance of insects.

The correspondence is conducted principally with Rank, R.F.H. Cowen (Rank's estate manager and son-in-law who regularly refers to him as 'the Guv'nor'), and W.R. Wooldridge, Scientific Director of the Animal Health Trust. Other organisations involved include the Eley Game Advisory Service, the Game Research Association and the Nature Conservancy. There is also correspondence with Imperial College.

A fuller account of this work, written by Southwood for the collection, is at A.9.

/...

Research

/...

The material is arranged as follows:

D.3-D.17 Correspondence

D.18-D.35 Drafts for publications

D.36, D.37 Notes and working papers

D.3-D.17

Correspondence

1961-1985

D.3

February - June 1961

Includes report by F. Raw on heather moorland insects, negotiations and organisation of project with Animal Health Trust and Rank Estates, 'Preliminary report on grouse and insects - Cawdor Moor 1961' by Southwood and Cross.

D.4

July - December 1961

Includes 'Provisional report on partridge chicks and insects at Sutton Scotney - 1961' by Southwood and Cross.

D.5

January - June 1962

Includes 5pp paper 'An approach to the problem of grouse populations from the aspect of food requirements - in terms of quality of protein and overall energy' by Southwood and Cross, information from colleagues etc.

D.6

July - December 1962

Includes Southwood's notes of 'further land requirement' (for work on the project at Silwood Park) and 'Example of proposed calculation' (of diet intake and constitution).

D.7

February - August 1963

Includes correspondence on discontinuation of work on Scottish grouse moors, Southwood's plan of work for 1963, 'Progress report for 1962' by Southwood and Cross, and 'Progress Report on the partridge and grouse problems' by Cross, some notes on the literature by Southwood.

Research

- D.8 February - June 1964
Includes data and information from colleagues.
- D.9 December 1965 - June 1966
Includes correspondence and data from colleagues at Game Research Association Laboratories, and on use of telemetry (radio-tracking) for partridge research.
- D.10 D.J. Cross's thesis: 'Approaches toward an assessment of the role of insect food in the ecology of game-birds, especially the partridge', with brief correspondence 1965, 1966. The thesis is not fully complete, a few pages having been removed to the working papers and drafts.
- D.11 March 1967-1968
Includes annual reports on partridge rearing on Sutton Manor Estate 1967 and 1968.
- D.12 1968-1970
Correspondence relating to Imperial College and Rank funding.
- D.13 1970
Includes annual report on partridge rearing on Sutton Manor Estate 1969.
- D.14 1971
Correspondence and data from G.R. Potts, including earlier data by P. Huband.
- D.15 1974
On 'shoot-fly' on Sutton Manor Estate.

Research

D.16 1975

On a proposal for a Rank Chair at Imperial College.

D.17 1985

Papers on partridge ecology by G.R. Potts and others.

D.18-D.35

Drafts for publications

1962-1969

D.18

Note of 'Suggested titles of series of papers for *J. appl. [sic] Ecol.*' (2 copies). The five proposed titles were:

1. Outline of population processes with particular reference to the roles of chick mortality and nesting density.
2. The food requirements of young chicks and the effects of diet.
3. Hatching and chick survival in captivity.
4. The insect populations of various agricultural habitats.
5. Insect abundance and weather in relation to chick survival.

D.19

'Outline of population processes....', listed as paper 1 in D.18, in collaboration with T.H. Blank and D.J. Cross, published in *J. Anim. Ecol.* **36**, 1967 (*Bibliog.* 69).

Drafts, all with emendations and corrections, brief correspondence from co-authors.

D.20

Data, graphs, calculations for paper.

D.21-D.30

'The role of pre-hatching influences' (*Bibliog.* 70), listed in D.18 as No.3: 'Hatching and chick survival in captivity'.

Extensive notes, working papers and data, based on hatching and survival rates of partridge chicks on different beats of the Sutton Manor estate.

D.21

'Analysis of Sutton Scotney partridge egg hatch 1962 (in wild) and 1963 (in incubators)'.

Report by Southwood, graph, tables and calculations.

Research

- D.22 'Analysis of Sutton Scotney partridge chick rearing data 1963'.
Report, notes, tables and calculations.
- D.23 Notes and calculations on hatchability and survival rates on beats on the Sutton Scotney estate, 1963 - 1966.
- D.24 Notes, tables, graphs on hatchability and fertility.
- D.25 Notes, graphs and diagrams relating nests and hatchings to various beats on the Sutton Scotney estate.
- D.26 Correspondence from R.F.H. Cowen on the geology and agricultural history of the beats on the estate, with detailed Beats Maps showing crops etc.
- D.27 2pp. only draft for paper, with brief comment from editor *J. Anim. Ecol.* 1967.
- D.28-D.30 Reports on partridge rearing on the Sutton Manor estate, Sutton Scotney, 1964, 1965, 1966, some with annotations by Southwood, or pages removed for use with notes and working papers.
- D.31-D.35 'The food requirements of young chicks and the effects of diet' listed as paper 2 in D.18, in collaboration with D.J. Cross.
- D.31 Extensive manuscript draft by Southwood.
- D.32 Typescript drafts for the paper: three versions all with different corrections.
- D.33 Manuscript draft (by Cross), tables, graphs, figures etc.

Research

D.34 Correspondence and referee's comments 1966, 1968 with co-author and with editors of *Journal of Animal Ecology* to which the paper was first submitted.

D.35 Correspondence 1969 with editor, *Journal of Wildlife Management*, and revised shortened version prepared for that journal.

D.36, D.37 Notes and working papers

D.36 Southwood's notes, data, work schedules.

D.37 Diagrams and graphs.

D.38 POPULATION CHANGE ca 1967

D.38 Notes, data, calculations ca 1967, related to *Bibliog.* 68.

D.39 POLLINATION EXPERIMENTS 1977-1979

D.39 Correspondence, research plans, notes etc. exchanged with D.W. Davidson 1977-1979. Includes sequence of 'notes to R.M. May' by Southwood, kept with this material.

D.40 FLOOD-PLAIN SITES 1992

D.40 Correspondence 1992 on proposed research on ancient hay-meadows on flood-plain sites.

Research

- | | | |
|-------------|---|---------------------|
| D.41 | OAK INSECT COMMUNITIES | 1997 |
| D.41 | Correspondence 1997. Southwood's letter of 27 May describes in detail this major research project on Wytham Wood Oaks, the results of which were not fully published. | |
| D.42 | CANOPY FOGGING | 1991 |
| D.42 | Correspondence 1991. Includes description of Southwood's work on the subject. | |
| D.43 | GRASSLAND MANAGEMENT | from 1956 |
| D.43 | <p>'Notes and data records for the study of the effect of different management systems of grassland field margins on the invertebrate fauna'.</p> <p>This substantial sequence dates from 1956 and the early days of Southwood's appointment at Silwood Park; it was received too late to be incorporated in the chronological order of the section.</p> <p>In an explanatory attached note dated 23 September 1997, Southwood describes the work, which formed the basis of his collaborative paper with H.F. van Emden (<i>Bibliog.</i> 67), and also explains the inclusion of some preliminary data on the movement of Lily beetles, based on observations in his own garden.</p> | |
| D.44 | ILLUSTRATIVE RESEARCH MATERIAL | ca 1949-1963 |
| D.44 | <p>Folder of illustrative research material, selected by Southwood for the collection and with a descriptive note by him, 9 December 1997.</p> <p>There are seven items, including hand-drawn illustrations for papers, photographs of field research sites at Rothamsted Experimental Station and Imperial College Silwood Park, and a folder of notes on the first study to investigate the impact of herbicides on insects, carried out in 1954.</p> | |

SECTION E

LECTURES, SPEECHES, ADDRESSES

E.1-E.161

This substantial section reflects Southwood's career in several ways. It begins in May 1944, when he was twelve, an indication both of his precocious interest in natural history and his confidence in handling and transmitting his finds. From these early talks to school societies at Gravesend or to local natural history groups he moved on to give major lecture and practical courses for London University and the Workers' Educational Association (WEA) while still in his early twenties. As his career developed he became in great demand as guest or invitation lecturer in the UK and internationally.

The topics of the lectures also evolve, from descriptive accounts of natural history phenomena and 'bugs' in his home locality, through studies of habitat and population dynamics to matters of general environmental and ecological concern such as pesticide usage, radiation, biodiversity and 'risk'. There are also less technical lectures and talks, some with a personal or historical element, intended for less specialist audiences.

Some of these lectures were given to the learned or professional societies listed in section G, or at conferences listed in section H. References to these are given in the appropriate sections, where possible.

University lectures given at Imperial College are in section B.

Lectures and speeches at Oxford including those given as Vice-Chancellor and President of the Campaign, are in section C.

The material is presented in chronological order. Titles or notes on the manuscripts are given in inverted commas.

Lectures, speeches, addresses

- E.1 'Sea animals of a rocky coast', 'to school Nature Study Club 12 May 1944.'
- E.2 'Pond Life (I) and (ii)', 'Lecture given to N.S. [Nature Study] and Z.C. [Zoology Club] in two parts'. 6 October 1944.
- E.3 'A list of plants flowering during August in the Yalding region of the river Medway...' published in British Empire Naturalists' Association, (B.E.N.A.) Mid-Kent Portfolio November 1946.
- E.4 'Notes from Gravesend' and 'Notes from the Medway area' (on birds), also published in B.E.N.A. Mid-Kent Portfolio November 1946.
- E.5 'Insects', talk to Mid-Kent B.E.N.A., at Ightham, 1947.
- E.6 'Economic Entomology', 'talk given to L.6 Sc. [Lower Sixth Science] Spring Term 1948'.
- E.7 'Work at Rothamsted - a problem and how the scientists tackle it', published in B.E.N.A. Portfolio, November 1948.
- E.8 'Insects', given to 'Junior B.E.N.A.', at Ightham, September 1949.
- E.9 'Lecture given to the Junior Natural History Society, G.C.G.S. [Gravesend County Grammar School] 1949'.
- E.10 Talk to Hartley Social Centre (Dartford, Kent), February 1950. This is an ambitious full-scale draft for a slide lecture.
- E.11 Lecture to B.E.N.A., Ightham, April 1950.
- E.12 'Some common plant bugs', published in B.E.N.A. Mid-Kent Portfolio, November 1950.

Lectures, speeches, addresses

- E.13 'Clubmosses', published in B.E.N.A. Mid-Kent Portfolio, November 1950.
- E.14 'Insect homes', talk to Hartley Young Naturalists Club, March 1951.
- E.15 'Insect homes and habits', Gravesend Boys Brigade, April 1951.
- E.16 'Insect habits', Gravesend Society, September 1951.
- E.17 'Aquatic insects and their adaptations', Entomology Club, Gravesend Grammar School, April 1952.
- E.18 'Mud-dwellers', slide lecture , n.d., ca 1952.
- E.19 'The lives of some bugs', slide lecture to Bishop's Stortford Natural History Society, February 1953. Correspondence, manuscript text.
- E.20 'Scientific bug-hunting', Science Society, Gravesend Grammar School, March 1953.
- E.21 'Bug-hunting', Gravesend Rotary Club, March 1953.
- E.22 'How do aquatic insects obtain their oxygen?', B.E.N.A. Portfolio, May 1953.
- E.23 'Flatford Mill Field Centre', B.E.N.A. Portfolio, May 1953.
- E.24-E.26 'Natural History of the Eastern Counties', course of seventeen lectures in twenty-one meetings, given at Dunstable for the Workers' Educational Association, September 1953 - April 1954.
- E.24 Correspondence, arrangements. Includes invitations to give further courses in 1954, 1959 (both declined).

Lectures, speeches, addresses

- E.25 Soft-backed exercise book of Southwood's outline plans for the course.
- E.26 Syllabus and manuscript drafts of lectures. Topics include: classification of living things; hibernation and migration; aquatic life; hedgerow; woodland; colouring and protection; relationships of living organisms; social life; man and living things.
- E.27 'Biology of some land and water bugs', British Ecological Society, June 1955.
- E.28 'Introduction to land and water bugs', 10 pp. draft, n.d. but ca 1955.
- E.29 'Insects of our gardens - friends and foes', talk to local gardening club at Ascot 1956 (information from Southwood 1996).
- E.30 'The spread of the Balsams along the Medway', note by E.W. Southwood (father) and Southwood, probably for B.E.N.A. Portfolio, 1957.
- E.31 'The principles of insect control', course of eleven weekly University Extension lectures for University of London Extra-Mural Department, given by Southwood and P.T. Haskell, January - March 1958.
- Correspondence, participants, drafts for Southwood's lectures and his report on the course.
- Also included is correspondence 1956 - 1957 on University Extension course 'The natural history of insects' given by Southwood, O.W. Richards and P.T. Haskell. No lecture drafts survive.
- E.32 'Ecological approach to the control of insect pests', Gravesend Grammar School, March 1959.
- E.33 'The frit fly - a denizen of grasslands and a pest of oats', conference lecture 1960. The published version appeared in *Ann. Appl. Biol.* 4, 1961 (*Bibliog.* 43).

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Lectures, speeches, addresses

- /... The frit fly (*Oscinella frit* (L)) was one of the main topics of Southwood's early research at Imperial College, (from 1955-1957 he was employed on an Agricultural Research Council grant to study this pest). The work continued, in collaboration, to the early 1960s and was the subject of many lectures and publications.
- E.34 'Changes in range and food plant in some British Heteroptera', paper given at Twelfth Congress of British Entomologists organised by Society for British Entomology, Nottingham, July 1961.

Programme, notes and draft.
- E.35 'Ecological aspects of cultivation, especially pesticide application', seminar talk for Conservation Course, University of London, February 1963.
- E.36 'The dispersal of crop insects especially the frit fly', talk at British Ecological Society Meeting, October 1963.

Included here is correspondence arranging talk on similar topic to be given at Liverpool, November 1963.
- E.37 'Migration and population change in *Oscinella frit* L on the oatcrop', paper at International Congress of Entomology London, June-July 1963 related to *Bibliog.* 63.
- E.38 'The invasion of crops by pests - especially *O.frit*', undated talk *ca* 1963 - 1964.
- E.39 'The behaviour and population dynamics of frit fly', undated talk, perhaps given at Imperial College *ca* 1964.
- E.40 'Some aspects of the ecology of the frit fly', undated talk probably given at Bureau of Animal Population, Oxford *ca* 1964.
- E.41-E.44A Lectures and courses at the Escuela Nacional de Agricultura, Chapingo, Mexico, July-September 1964.

See also H.2.

Lectures, speeches, addresses

- E.41 Information, arrangements, Southwood's report on field trip.
- E.42 Southwood's manuscript drafts for course of 27 lectures on applied ecology, with synopses, bibliography and references.
- E.43 Typed version, variously paginated, with many manuscript corrections and additions.
- E.44 Another corrected version paginated 1-92, with synopses, references etc. in Spanish and English.
- E.44A Materials for practicals: synopses, data etc.
- E.45-E.53 Lectures and courses at University of California, Berkeley, USA, 1964-1965.

See also H.3, H.4.
- E.45 Teaching materials, abstracts, synopses etc. for 'Seminar in Insect Ecology' (Southwood gave the introduction), Spring Semester 1965. Includes 'discussion grades' of students.
- E.46 Manuscript drafts for Southwood's lectures, including 'Introduction' to seminar referred to in E.45.
- E.47 Notes, draft, bibliography for lecture on 'Sampling'.

Draft lecture on 'Ecosystems', for 3rd year zoology students.
- E.48 Notes, draft for lecture on 'The analysis of budgets'.

Miscellaneous notes on population density.
- E.49 C.B. Huffaker's draft lectures for course on Population Ecology, sent to Southwood for comment, with syllabus.

Lectures, speeches, addresses

- E.50 Examination questions.
- E.51 'Social and cultural adaptations - the ecological perspective', Southwood's notes of lectures by J.N. Anderson for anthropology courses.
- E.52 'The ecology of pest invasion of crops with special reference to the frit fly', given at various locations, including Berkeley and Davis, and various dates 1964-1965.
- E.53 Two general lectures given during American visit:

'An Englishman at large in N. America' (at Berkeley).

'The changing fauna of Britain' (at California Academy of Sciences, San Francisco).
- E.54, E.55 'The experimental approach to animal ecology', paper given at British Ecological Society Symposium on 'The teaching of ecology', 13 - 16 April 1966, published (with N. Waloff) in *Teaching of Ecology* (Bibliog. 72).
- E.54 Correspondence 1964-1966 with conference organiser, arrangements, information. Includes report by Southwood on Sixth-form biology courses at Preston Mountford Field Centre 1963.
- E.55 Draft of Southwood's paper.

Miscellaneous notes and data.
- E.56 'Some recent trends and methods in animal ecology', given as part of British Association Project for Colleges of Further Education, at Maria Grey College Twickenham, 29 November 1966.

Correspondence, arrangements, draft of lecture.
- E.57-E.60 'The natural and manipulated control of animal populations', contribution to an Institute of Biology Symposium September 1969 published in *The Optimum population for Britain* ed. L.R. Taylor (Bibliog. 77)

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Lectures, speeches, addresses

- /... Consequently, Southwood was invited to address the Parliamentary and Scientific Committee on 'Problems of population control' at the House of Commons, 10 February 1970.
- E.57 Manuscript speaking version given at Institute of Biology Symposium September 1969, and also at Georgia Southern College March 1970.
- Full typed version prepared for publication (*Bibliog.* 77); brief correspondence.
- E.58 Correspondence November 1969 - August 1970 on Parliamentary and Scientific Committee meeting: invitation, arrangements, press notice, letters of thanks, correspondence arising.
- E.59 'Problems of man's population', drafts for Southwood's speech to Parliamentary and Scientific Committee.
- E.60 Correspondence with L.R. Taylor, including his draft for his speech to the Committee.
- E.61 'Ecological background to pest management', paper (with M.J. Way) given at Conference at North Carolina State University at Raleigh, USA, March 1970 and published in *Concepts of pest management* (*Bibliog* 79).
- See H.5, H.6.
- Draft speaking version of paper. Also included is a note by Southwood on the conference, prepared for *Nature* and dated 10 April (1970). Not listed in *Bibliog*.
- E.62 'The regulation of animal numbers', talk at Civil Service Staff College, November 1970.
- E.63 'Animal and human populations', talk at Royal Holloway College, London, December 1970.
- E.64-E.66 Three lectures on ecology, n.d. (ca 1970) and given at St. George's House, Windsor (private information from Southwood).

Lectures, speeches, addresses

- E.64 'Ecology - facts and problems' (refers to Sir Eric (later Lord) Ashby as fellow-participant).
- E.65 'Ecology and GNP' (refers to K. Mellanby as fellow-participant).
- E.66 'Ecology and conservation'.
- E.67 'Farm management in Britain and its effect on animal populations', paper given at Tall Timbers Conference, February 1971 (*Bibliog.* 81).

Manuscript draft.

See also H.7, H.8.
- E.68 Women's Corona Society Conference on 'Pollution: Life or Money - Man's Dilemma', London 18 - 20 May 1971.

Correspondence, arrangements, information. Southwood spoke on 'Human population growth - problems and control'. There is no surviving text but see E.73 for a follow-up meeting in February 1972 at which he gave a similar address.
- E.69 'Migration and dispersal in relation to crop pests', undated outline notes for talk or paper *ca* 1971, related to *Bibliog.* 80.
- E.70 Opening speech at Buckinghamshire Schools' Countryside Studies Exhibition, June 1971.
- E.71 'The insect-plant relationship - an evolutionary perspective', given at Royal Entomological Society Symposium 16-17 September 1971, published in *Insect/Plant Relationships* (*Bibliog.* 84).

Participants, draft, shorter speaking version.
- E.72 'The principles of population estimates', paper for WHO conference on vector ecology, December 1971, published as *Tech. Rep. Ser.* 501.

See also H.10.

Lectures, speeches, addresses

- E.73 'The phenomenon and problems of human population growth', talk to Women's Corona Society Conference on population, London, 8 February 1972 (a follow-up to their conference of May 1971 at which Southwood also spoke. See E.68).
- Brief correspondence, report of conference, several versions (not identical) of Southwood's paper.
- E.74 'Ecology and the "Blueprint for survival" ', talk to Civil Service College Seminar on 'Problems of Environment Management', 7-10 February 1972. Southwood's talk was scheduled for 16.15 on 8 February presumably allowing him to travel from London after the previous conference (E.73).
- Brief correspondence, programme, participants, notes and drafts for talk.
- E.75 Contribution to Royal Geographical Society Symposium on 'Human environment - the impending crisis', London, 10 April 1972, published in *Geographical J.* **134** (*Bibliog.* 82a).
- Programme, draft remarks, brief correspondence.
- E.76 'The environmental complaint - its cause, prognosis and treatment', paper published in *J. Inst Biol.* **19**, 1972 (*Bibliog.* 82).
- Includes correspondence 1972 - 1973 with A.N. Duckham.
- E.77 'Economic aspects of pest management strategies and decisions', paper given (with G.A. Norton) at 14th International Congress of Entomology, Canberra, Australia (*Bibliog.* 85).
- See H.12-H.16.
- Drafts and synopses.
- E.78 'An ecologist's view of the environmental complaint', lecture given as part of University of London Extra-Mural Department Extension Lectures on 'Aspects of the population problem', 15 November 1972.
- Correspondence, drafts.

Lectures, speeches, addresses

- E.79 Lecture on bird ecology, to be given at Edward Grey Institute Oxford, January 1973.
- Correspondence 1972 only. The lecture was on the theme of the importance of insect food in bird population dynamics, with particular reference to Southwood's work on the partridge. He published a series of papers on this research in the 1960s (*Bibliog.* 69, 70, 76).
- E.80 'The relevance and scope of environmental biology', lecture at Institute of Biology meeting on 'Environmental Biology', London, November 1973.
- Programme, draft.
- E.81 'The dynamics of insect populations', paper given at Cornell University, USA, October 1974 (*Bibliog.* 90).
- See also H.18.
- E.82 'Environmental problems - today and tomorrow', the Chiltern Region lecture of the Pharmaceutical Society, March 1975, published in *Pharm. J.* **214** (*Bibliog.* 88).
- Brief correspondence, programme, draft.
- E.83 'A synoptic model of animal population dynamics', talk at Reading University, 18 November 1975.
- Notes for talk.
- E.84-E.87 Undated lectures and notes on aspects of population dynamics, all ca 1975.
- E.84 'Animal numbers - stability or Boom and Bust', headed 'Leeds 8 Jan'. No year.
- E.85 'A framework for population dynamics', notes for lecture to university audience.
- E.86 'Stability and change in insect populations'.

Lectures, speeches, addresses

- E.87 'Diversity and stability in agroecosystems'.
- E.88 'The relevance of population dynamic theory to pest control', given at British Ecological Society Symposium on 'Origins of Pest, Parasite, Disease and Weed Problems', Bangor, 12-14 April 1976 published in Symposium volume 1977 (*Bibliog.* 98).
- Programme, information, draft, notes.
- Also included are notes for a lecture of the same title, given at College Station, Texas A & M University, USA, March.
- E.89 'Entomology and mankind', Plenary Address at 15th International Congress of Entomology, Washington D.C., USA, August 1976 (*Bibliog.* 97).
- See also H.19-H.21.
- An introductory page indicates that the lecture was also given during Southwood's visit to Rhodes University, South Africa in 1979.
- See H.32, H.33A.
- E.90 'The importance of population ecology for pest control', Benaki Institute, Athens, Greece, November 1979.
- Talk given during Southwood's FAO consultancy on Olive Pests in Greece, and also during his visit to Austin, Texas, February - March 1977.
- See also E.88, H.25-H.28 and H.29.
- E.91 'The components of diversity', talk at Royal Entomological Society symposium (1977) published in *Diversity of Insect Faunas* 1978 (*Bibliog.* 104).
- E.92 'Man, steward of the biosphere', talk at St. George's House, Windsor, January 1977.
- E.93-E.95 Three lectures given on Southwood's visit to Texas, USA, February - March 1977. See also H.29.
- E.93 'Evolution and habitat characteristics'.

Lectures, speeches, addresses

- E.94 'Movements - ecological aspects'.
- E.95 'Insect host plant relationships - some patterns'.
- E.96 'Some patterns of nature', talk given in Zoology Department Oxford as Linacre Professor - Elect (after January 1978).
- E.97 'Some patterns of nature', fuller manuscript version given as the Spencer Memorial Lecture, University of British Columbia, Vancouver, Canada, March 1978.

See also H.31.
- E.98 Drafts, notes, teaching outlines for Southwood's lectures - undergraduate and general - at Rhodes University, South Africa, January - March 1979.

See also H.32.
- E.99, E.100 'Pesticide usage, prodigal or precise', Seventh Bawden Lecture, given at British Crop Protection Council Conference on Pests and Diseases, Brighton, November 1979, published in the *Proceedings*, 1980 (*Bibliog.* 111).
- E.99 Correspondence, invitation, arrangements, letters of thanks etc., including information on seminar on Pest Management, Cambridge, July 1979.
- E.100 Draft of lecture.
- E.101 Lecture on ecological aspects of insect migration, to be given at Society for Experimental Biology meeting, Lancaster, December 1979, published in *Animal Migration* 1981, (*Bibliog.* 114).

Correspondence and programme only.
- E.102 'Mankind and ecosystems: perturbation and resilience', first Sabath Memorial Lecture, given at Griffith University, Queensland, Australia, March 1983, and published as a Working Paper of the University (*Bibliog.* 131).

/...

Lectures, speeches, addresses

- /... Also included is Southwood's address on the award of an Honorary Doctorate at Griffith.

See also H.40-H.42.
- E.103 'Insect-plant adaptation', paper given at Ciba Foundation Symposium, London, April 1983, published in *Origins and development of adaptation* 1984 (*Bibliog.* 134).

Manuscript draft.

See also H.43.
- E.104 'Interactions of plants and animals: patterns and processes', introductory paper at third European Ecological Symposium, Lund, Sweden, August 1983, published in *Oikos* **44**, 1985 (*Bibliog.* 146).

Manuscript and typescript drafts.

See also H.44.
- E.105 'Insects as models', Biological Council Award Lecture of the Royal Entomological Society, London, October 1983, published in *Antenna*, **8**, 1984 (*Bibliog.* 135).

Heavily-corrected manuscript draft.
- E.106 Speech on retirement of P.T. Haskell from Overseas Development Administration's Centre for Pest Research, n.d. (1983).
- E.107, E.108 'Risk through environmental change', lecture in series 'Risk - manmade hazards to man' given at Wolfson College Oxford, March 1984, published by OUP, 1985 (*Bibliog.* 141).
- E.107 Correspondence, arrangements. Includes draft of D.E. Broadbent's lecture 'The psychology of risk' also given in the series.
- E.108 Draft of Southwood's lecture, with some emendations suggested by T.E. Radice.

Lectures, speeches, addresses

- E.109 'The structure of insect communities on plants - especially on trees', lecture perhaps given on Southwood's visit to USA March 1984. Lecture refers to his forthcoming publication on the subject with C.J. Kennedy in *J. Anim. Ecol.* **53**, 1984 (*Bibliog.* 139).
- Two drafts (not identical).
- See also H.45.
- E.110, E.111 'Plant surfaces and insects; an overview', introductory paper at a joint symposium of Linnean Society of London and Botany School and Department of Zoology Oxford, 15-17 July 1984, published in *Insects and plant surfaces*, edited by Southwood and B.E. Juniper, 1986 (*Bibliog.* 148a).
- E.110 Programme (annotated), abstracts, participants.
- E.111 Correspondence, drafts and diagrams, typescript of paper.
- E.112 Speech at Prize Presentation, Gravesend School, September 1984. Includes some autobiographical reflections.
- E.113 Talk at Winchester College, 16 October 1984 (on 'Risk' - a version of Wolfson College Lecture, E. 108).
- Correspondence only.
- E.114 'Insect communities', Southwood's Presidential address to the Royal Entomological Society, June 1985, published in *Antenna*, **9** 1985 (*Bibliog.* 145).
- Manuscript and typescript drafts, brief correspondence.
- See also G.75, G.76.
- E.115 'The biology of the devil', talk given at 'Theological Wine' meeting, Campion Hall Oxford, 14 February 1986.
- Draft, a little correspondence.

Lectures, speeches, addresses

- E.116 'Industry and the Environment', talk to British Institute of Management All-party Parliamentary Group on Management, London, November 1985.
- Participants, manuscript draft.
- See also J.26.
- E.117, E.118 'The concept and nature of the community', opening address of British Ecological Society's Annual Symposium, on 'Organisation of communities: past and present', Aberystwyth, 2-5 April 1986, published in *Organisation of communities*, 1987 (*Bibliog.* 159).
- E.117 Correspondence, programme, participants, abstracts.
- E.118 Southwood's manuscript notes on papers given at meeting, manuscript draft of his address.
- E.119 'Tactics, strategies and templets', the Per Brinck Lecture given at Lund, Sweden, May 1986 and published in *Oikos* 52, 1988 (*Bibliog.* 165).
- Manuscript draft, data, correspondence.
- See also H.51.
- E.120 'Scientific proof and public concern in environmental decisions', Southwood's inaugural lecture as A.D. White Professor, Cornell University, USA, September 1986.
- Manuscript draft.
- See also H.53 - H.58.
- E.121, E.122 'The environment in which the industry works', Southwood's keynote address at Electricity Council National Joint Co-ordinating Council's Annual Conference, London, November 1986, published as 'Energy - Britain's most pressing problem' in *Electricity Supply News* 1384, 1986 (*Bibliog.* 154).
- E.121 Correspondence, arrangements, programme, participants.
- E.122 Manuscript draft.

Lectures, speeches, addresses

- E.123 'The natural environment and disease - an evolutionary perspective', lecture given at Green College Oxford, February 1987, and also at the Institute of Medical Research Madang, Papua New Guinea, March 1987, and at Cornell University, September 1987. The lecture was published in *Brit. Med. J.* **294**, 1987 (*Bibliog.* 155), and formed the basis of Southwood's LeConte lecture at Georgia April 1989 (E.136) and of his F.E. Williams lecture in London, July 1990. (E.142).
- Two heavily-corrected manuscript drafts, brief correspondence.
- See also H.62, H.66.
- E.124-E.128 Drafts and notes for lectures on insect-plant relationships, only two dated (1987) but perhaps all of similar date.
- E.124, E.124A 'Insect-plant relationships'. Two manuscript and typescript drafts, not identical, dated February 1987. 2 folders.
- E.125, E.125A 'Insect-plant relationships in secondary succession: an illustration of the habitat templet'. Two heavily corrected manuscript drafts, not identical, n.d. but describing work started at Silwood Park 1977 and in progress after Southwood's move to Oxford (perhaps related to *Bibliog.* 166).
- E.126 'Insect-plant relationships', n.d.
- E.127 'Insect-plant relationships', n.d.
- E.128 'Feeding on plants - an ecological framework', nd.
- E.129 'Science and decisions in environmental policy', notes and draft for lecture at Muscat, Oman, March 1987.
- See also H.61.
- E.130 Speech at University of East Anglia on behalf of honorands at Honorary Degree Ceremony, July 1987.

Lectures, speeches, addresses

- E.131 Notes for seminar on secondary succession, given at University of Papua New Guinea, March 1988.
- E.132 'The impact of agriculture on the partridge', lecture given at Cornell University, USA, as A.D. White Professor, September 1988.
- See also H.69.
- E.133 Opening remarks at Institution of Environmental Health Officers Conference on 'Food poisoning: its origins, prevention and cure' (on salmonella), London, February 1989.
- Correspondence, programme, participants, abstracts, manuscript of Southwood's contribution.
- E.134 'The role and contribution of field science', contribution to seminar on 'The global challenge for field science' organised by Earthwatch Europe, Royal Society London, February 1989, published 1990 (*Bibliog.* 176).
- Brief correspondence, manuscript draft.
- See also G.30.
- E.135 'Tactics, strategies and templets', lecture at Institute of Ecology, Athens, Georgia, USA, April 1989 (a version of *Bibliog.* 165, see also E.119).
- Manuscript outline notes.
- E.136 'Disease and the environment - an evolutionary perspective', Southwood's LeConte lecture at Georgia Southern College, April 1989 (a version of *Bibliog.* 155, see also E.123).
- See also H.75.
- E.137 Address at Founders' Day Service. St. Mary's School, Calne, Wiltshire, July 1989.
- E.138, E.139 'Risk in the natural world and human society', Royal Society Public Lecture, November 1989, published in *Science and Public Affairs*, 5, 1990 (*Bibliog.* 174).

Lectures, speeches, addresses

- E.138 Correspondence, arrangements, letters of thanks, requests for copies of lecture etc.
- E.139 Manuscript draft.
- E.140 After-dinner speech at Wolfson College, Cambridge, 1989.
- E.141 'The countryside under challenge', the twelfth Claydon Lecture, July 1990.

Correspondence with Sir Ralph Verney (founder of the lectures) and others, manuscript draft.
- E.142 'Animals and the genesis of human disease', the F.E. Williams lecture given at the Royal College of Physicians, London, July 1990 (an updated version of Southwood's Green College lecture E.123).

Correspondence 1989-1991, draft of lecture.
- E.142A Speech at opening of the Rothamsted Insectary, 24 September 1990.

Manuscript draft with corrections.
- E.143 'Environment: problems and prospects', inaugural lecture in the first series of Linacre Lectures, Oxford, October 1990, published in *Monitoring the Environment*, OUP, 1992 (*Bibliog.* 188).

Correspondence 1989-1992, information, text of lecture.
- E.144 Speech at conferral of Honorary Degree, Liverpool University, July 1992.
- E.145 Lectures in Taiwan.

'Science and the challenge of environmental problems in the modern world', given at National Taiwan University during Vice-Chancellor's visit December 1991.

Manuscript draft.

Lectures, speeches, addresses

- /... 'Environment Lecture - Taiwan', n.d. Typescript outline.
- 'Government's role in solving environmental problems', with manuscript note 'Lecture in Taiwan 92'.
- Manuscript draft.
- E.146 'The environment', lecture in South Korea, November/December 1992.
- Typescript draft.
- E.147-E.149 'Risks from radiation: perceptions and reality', the 1993 Crookshank Lecture of the Royal College of Radiologists, given 21 May 1993 and published in *Clinical Oncology*, **5** 1993 and *Clinical Radiology*, **49**, 1994 (*Bibliog.* 201, 201a).
- E.147 Correspondence, arrangements 1992-1994.
- E.148 Drafts.
- E.149 Information and data for lecture from colleagues and staff of National Radiological Protection Board, of which Southwood was then Chairman, and his letters of thanks.
- E.150, E.151 'The importance of long-term experimentation', address given at 150th Anniversary Conference, Rothamsted Experimental Station, July 1993, published in *Long-term Experiments in Agricultural and Ecological Sciences* 1994 (*Bibliog.* 203).
- E.150 Correspondence, arrangements, background papers on Rothamsted long-term experiments.
- E.151 Drafts for Southwood's paper, and for his speech of welcome to H.M. The Queen.

Lectures, speeches, addresses

- E.152 Speech on the retirement of T. Lewis (Director) from Rothamsted, n.d. (late 1993).

 Manuscript draft.
- E.153 Talk to Oxford Management Club, 6 April 1994.

 Correspondence, information, manuscript notes for talk, with autobiographical reflections.
- E.154 'Environmental considerations in the management of coastal water-systems', paper given at Osaka, Japan, 25 April 1994.

 Draft.
- E.155 'History of ecology', lecture given as part of a historical series organised by the Royal Entomological Society, 9 March 1994 and published in *Antenna*, **19 (1)**, 1995 (*Bibliog.* 205).

 Correspondence, drafts.
- E.156 Speech at Rhodes Scholars Dinner, Oxford, 23 November 1994.

 Manuscript draft.
- E.157 Address to Convocation, University of Victoria, Canada, after conferral of Honorary Degree, 26 November 1994.

 Draft.
- E.158 'Dependence/Independence for universities', notes for talk to Rotary Club of London, 22 May 1995.
- E.159 Miscellaneous shorter correspondence on lectures not otherwise identified, arrangements, letters of thanks. Various dates 1954-1995.
- E.160 Invitations to lecture declined. Various dates 1958-1996.

Lectures, speeches, addresses

E.161

Undated lectures.

'Rational pest control' [mid 1960s].

'Animal/plant interactions' given at Rewley House Oxford [early 1980s].

'Earth summit' [late 1980s].

SECTION F

PUBLICATIONS AND EDITORIAL

F.1-F.108

F.1-F.48 relate to Southwood's own publications, on all topics, in the order in which they appear in his list of publications (A.2). Reference to this is made in the form *Bibliog.* ... The material may be relatively slight, or, in the case of his major books (*Land and Water Bugs*, and especially *Ecological Methods*) it may include substantial drafts and publishers' correspondence, and letters from colleagues and readers preceding and following publication. Generally speaking, however, Southwood would not retain drafts and correspondence when a paper was finally published, and although efforts have been made to identify and include minor works, the surviving material is by no means complete. It should be noted that material relating to a publication in a specific area of interest may be found in the relevant section of the catalogue.

The earliest entry in Southwood's list of publications dates from 1947 and relates to observations made in 1946. Some of these early works and correspondence have been placed in Section A, in view of their biographical interest for his formative years.

Some early observations and notes, circulated in the B.E.N.A. Mid-Kent Portfolio on various dates 1946-1957, can be found in Section E.

F.1-F.48 OWN PUBLICATIONS

In order of publication

F.49-F.108 CORRESPONDENCE WITH PUBLISHERS AND EDITORS

In alphabetical order

Publications and editorial

F.1-F.48	OWN PUBLICATIONS	1956-1996
F.1	'The bionomics... of the thistle lace bugs', collaborative paper with G.G.E. Scudder 1956 (<i>Bibliog.</i> 17). Correspondence, referee's comments 1954-1955.	
F.2-F.7	<i>Land and water bugs of the British Isles</i> , with D. Leston (London: Warne) 1959 (<i>Bibliog.</i> 31).	
F.2	Manuscript drafts and outlines, lists of coloured plates, correspondence with H.D. Swain who produced the highly-praised coloured illustrations, and with H.W. Daltry, an amateur entomologist who supplied specimens of certain rare Heteroptera (which Southwood had not found) necessary for the preparation of the book.	
F.3	Correspondence from colleagues with thanks and congratulations on publication 1959-1960. In alphabetical order.	
F.4	Correspondence from colleagues with suggestions and corrections for subsequent editions 1959-1965. In alphabetical order.	
F.5	Correspondence 1954-1967 with F. Warne & Co., on publication, errata slips etc.	
F.6	Correspondence from readers and colleagues on possible reprinted or updated edition 1981-1988.	
F.7	Correspondence 1988-1989 on possible revised edition, to be published by Harley Books.	
F.8	Review of: Nesta Pain: <i>Lesser Worlds</i> , <i>Entomologist</i> 86 , 1953 (<i>Bibliog.</i> 8B).	

Publications and editorial

- F.8A 'The abundance of the Hawaiian trees...', 1960 (*Bibliog.* 36).

Brief correspondence on referees' comments 1960.
- F.9, F.10 'Migration of terrestrial arthropods in relation to habitat', 1962 (*Bibliog.* 48).

This was an important paper, developing ideas put forward in Southwood's paper at the Congress of Entomology, Vienna in 1960 (See H.1).
- F.9 Manuscript drafts. Included here is correspondence 1982-1983 on arrangements to reprint parts of 1962 paper in a Benchmark book on 'Dispersal and Migration'.
- F.10 Data and tables; includes also manuscript papers on migration by C.G. Johnson, T. Lewis.
- F.11-F.13 *Life of the Wayside and Woodland* (London: Warne) 1963 (*Bibliog.* 57).

Southwood originally agreed to provide a revised edition of the book by T.A. Coward first published in 1923 and last reprinted in 1948. He found, however, that much rewriting was required to incorporate recent advances in research; furthermore, the photographs for the original publication had been destroyed by enemy action during the Second World War. As a result, the new publication was to be regarded (in the publishers' words) 'for all practical purposes as an entirely new book', though it followed the original plan indicated by the sub-title 'A seasonal guide to the natural history of the British Isles'.
- F.11 Correspondence 1959-1965 with F. Warne & Co. on publication, agreement etc.
- F.12 Reviews and correspondence 1963.
- F.13 Manuscript drafts and outline for 'Insects of the Wayside and Woodland', also prepared for Warne series but not completed.

Publications and editorial

- F.14-F.19A *Ecological Methods* (London: Methuen), 1966 (*Bibliog.* 65).
- This was one of Southwood's most important publications. The first edition of 1966 was reprinted in 1968, 1971, 1975, 1976.
- The second edition was published in 1978 by Chapman & Hall, consequent on a reorganisation with Associated Book Publishers, with subsequent reprints, 1980, 1984, 1987, 1989, 1991, 1994 and translations into Hungarian and Chinese (see F.20-F.29).
- F.14 First outline for book, provisionally titled 'Handbook of techniques in field ecology for entomologists', n.d. ca 1956.
- F.15 Correspondence 1964-1975 with publishers and colleagues on publication, promotion of book in UK, USA and internationally, permission to quote etc. Correspondence 18 October 1966 includes outline for proposed book on 'The ecology of agricultural pests', not proceeded with.
- F.16 Correspondence from colleagues, with thanks and congratulations on publication 1966 - 1967. In alphabetical order.
- F.17, F.18 Correspondence from colleagues with suggestions and corrections for subsequent editions 1966-1973. In alphabetical order.
- F.17 D-M.
- F.18 P-W.
- F.19 Reviews of *Ecological Methods*.
- F.19A Correspondence and papers 1965-1966 on research programme and accompanying methodological handbook on pest control proposed as part of the International Biological Programme. C.B. Huffaker was responsible, on behalf of the IBP Working Party, for the development of the work. After consultations and correspondence it was decided that *Ecological Methods* covered the ground, and the IBP project was not proceeded with.
- Correspondence, outline contents of proposed book etc.

Publications and editorial

- F.20-F.29 *Ecological Methods* (London: Chapman & Hall) 1978 (*Bibliog.* 105).
- This was a substantial revision of the 1966 text, incorporating current advances in theory and practice. The new edition was first discussed in 1971 but Southwood's many engagements led to several postponements and delays in publication.
- F.20-F.25 Correspondence.
- F.20 Correspondence 1971-1979 with publishers on preparation and publication of new edition, promotion and costing etc.
- F.21 Continuing correspondence 1983-1986 with publishers, including arrangements for Hungarian translation, amendments and corrections for 1984 reprint, Chinese (pirated) translation.
- F.22 Continuing correspondence 1986-1992 with publishers, mainly about possibility of producing a third edition, with collaborators, also reprints 1989, 1992.
- F.23 Correspondence with colleagues with comments, corrections, references and suggestions for second edition 1974-1977. In alphabetical order.
- F.24, F.25 Correspondence with readers and colleagues with thanks for book, suggestions for new edition etc. 1979-1992. In alphabetical order.
- F.24 B-H.
- F.25 K-T.
- F.26-F.29 Drafts and revisions.
- F.26 Notes, questions and corrections by R.M. May and M.P. Hassell.
- F.27 Notes for corrections, additions, redrawn figures.

Publications and editorial

- F.28 Southwood's manuscript revisions and rewrites, papers numbered 11-368.
- F.29 Miscellaneous manuscript rewrites by chapers.
- F.29A Review of J. Maynard Smith: *Models in Ecology*, *J. Ecol*, **63**, 1975 (*Bibliog.* 89A).
- F.30 'A modification of the Lincoln index...', in collaboration, 1981 (*Bibliog.* 117).

Correspondence with collaborator, draft with Southwood's manuscript corrections.
- F.31 'The rise and fall of ecology', *New Scientist* 1981 (*Bibliog.* 119), article contributed for the 25th anniversary issue.

Correspondence, manuscript of article, submitted under title 'From arcane science to political party - the rise or fall of ecology?'.
- F.32 'Professor Howard Everest Hinton', manuscript draft obituary tribute, 8pp., related to *Bibliog.* 122A. Prepared shortly after Hinton's death in 1977 but publication delayed.
- F.33 'Ecological Methods', article for *Encyclopedia of Science and Technology*, 1982 (*Bibliog.* 124A).

Correspondence 1983-1984, draft. Also included is brief correspondence 1967 with publisher (McGraw Hill) on proposed publication.
- F.34 'The richness, abundance and biomass of the arthropod communities on trees', collaborative article for *J. Anim. Ecol.*, 1982 (*Bibliog.* 125).

Data, drafts, diagrams, proof.

Publications and editorial

- F.35 *Insects on plants* (with D.R. Strong and J.H. Lawton), Oxford: Blackwells 1984 (*Bibliog.* 136).
- Agreement 1979, correspondence with colleagues, co-authors and publishers 1981-1992. Includes a few reviews of published book and correspondence on a proposed revised edition 1991-1992.
- F.36 'Can an island stand alone on the environment', review of N. Haigh: *EEC Environmental Policy and Britain*, *New Scientist* 1984 (*Bibliog.* 137)
- Correspondence, draft.
- F.37 Review of D.R. Strong et al: *Ecological communities: conceptual issues and the evidence*, *Biologist* 1985 (*Bibliog.* 143A).
- Brief correspondence, draft.
- F.37A Review of: L.M. Cook (ed.): *Case studies in population biology*, *Quart. Rev. Biol.* 1986 (*Bibliog.* 153).
- Brief correspondence, draft.
- F.38 Obituary notice of T.E. Woodward (in collaboration), *Antenna* 1986 (*Bibliog.* 153A).
- Brief correspondence, draft.
- F.38A Review of: R.V. O'Neill et al: *A Hierarchical Concept of Ecosystems*, *Biologist* 1987 (*Bibliog.* 156A).
- F.39 'The dynamics of viburnum whitefly...', in collaboration, *J. Anim. Ecol.* 1987 (*Bibliog.* 158).
- This was the first of a series of papers on whitefly which Southwood published with Imperial College and other colleagues. *Bibliog.* 162 and 171 also refer. See also correspondence with P.M. Reader.
- Correspondence 1986-1989 with editor and colleagues; includes referees' reports.

Publications and editorial

- F.40 Obituary: O.W. Richards, *Biographical Memoirs of Fellows of the Royal Society*, 1987 (*Bibliog.* 160).
- Correspondence 1986-1992 with colleagues and members of Richards's family, and from readers of published Memoir (mainly photocopies or carbon copies of Southwood's letters).
- Other material is deposited at the Royal Society.
- F.41 'Citation Classic: Habitat, the templet for ecological strategies?', 1988 (*Bibliog.* 164, referring to *Bibliog.* 100).
- Correspondence, draft for Southwood's commentary on the earlier paper, with some biographical recollections.
- F.42 'Will Britons be Europe's elite or its peasantry?' *Independent*, 1989 (*Bibliog.* 169A).
- Photocopy of published letter, letters from colleagues.
- F.43 'Wilma Beryl Crowther', *Lady Margaret Hall Oxford, Brown Book*, 1989 (*Bibliog.* 173).
- Brief correspondence, proof, draft of Southwood's Address at Memorial Service, used as the basis of the obituary.
- F.44 Foreword to: *Scientific names of the British Lepidoptera...* Harley Books, 1991 (*Bibliog.* 183)
- Correspondence 1989-1991 with publisher, on this and other publishing projects (see also F.7).
- F.44A Review of: R. Barbault: *Abrégé d'Ecologie Générale*, *Acta Oecologica* 1991 (*Bibliog.* 185B).
- Brief correspondence, draft.
- F.45 Foreword to: *Scuttle Flies: The Phoridae* (R.H.L. Disney), London: Chapman & Hall 1995 (*Bibliog.* 204).
- Correspondence 1993-1994 with author and publisher.

F.46	Review of : R.T. Schuh: <i>Plant bugs of the world</i> , 1996 (<i>Bibliog.</i> 208). Brief correspondence, draft.	
F.47, F.48	Miscellaneous shorter correspondence on publications by Southwood and collaborators.	
F.47	1954 (<i>Bibliog.</i> 9) 1965 (<i>Bibliog.</i> 64) 1966 (<i>Bibliog.</i> 70) 1967 (<i>Bibliog.</i> 74) 1977 (<i>Bibliog.</i> 96) 1977 (<i>Bibliog.</i> 103)	
F.48	1979 (<i>Bibliog.</i> 112) 1985 (<i>Bibliog.</i> 143) 1985 (<i>Bibliog.</i> 144) 1986 (<i>Bibliog.</i> 147) 1987 (<i>Bibliog.</i> 155) 1987 (<i>Bibliog.</i> 175)	
F.49-F.108	CORRESPONDENCE WITH PUBLISHERS AND EDITORS	1960-1995
F.49	Academic Press Mainly Southwood's advice on various publication projects. Includes an invitation 1993 to contribute to Academic Press's <i>Encyclopedia of environmental biology</i> (declined).	1981-1992

Publications and editorial

F.50	<i>Acta Oecologica</i>	1989-1991, 1995
	This was an international journal of ecology, founded in 1980. The editor was R. Barbault. Southwood was on the Editorial Board.	
F.51	Allen & Unwin	1980
	Brief correspondence only.	
F.52	<i>Animal Behaviour</i>	1960
	Comment on paper.	
F.53	<i>Annual Review of Entomology</i>	1980
	Invitation to serve on the Advisory Board of Foreign Correspondents from 1980 to 1985.	
F.54, F.55	<i>Biological Journal of the Linnean Society</i>	1978-1987
	Correspondence with editor (R.J. Berry) and others on papers submitted for publication.	
F.54	1978 - 1981.	
F.55	1982-1987. Includes Southwood's endorsement of Berry's book <i>God and evolution</i> .	
F.56	Blackwells Scientific Publications	1962-1968, 1984, 1993
	Various publication projects.	
F.57	Butterworth - Heinemann	1992
	Proposed Oxford Management Series.	

Publications and editorial

F.58	Cambridge University Press	1985, 1988
	Proposed publications.	
F.59	Chapman & Hall	1982-1992
	Various proposed publications.	
F.60	Collins Publishers	1969
	Proposed 'Young Naturalist' series and Southwood's contribution, to be called 'Insects and their lives'. Includes Southwood's provisional outline.	
F.61	Cornell University Press	1986-1987
	Proposed publications.	
F.62	<i>Ecological Applications</i>	1988-1992
	This journal was launched in 1988 by the Ecological Society of America; the first editor was S.A. Levin. Southwood accepted an invitation to serve on the Editorial Board 1988-1992.	
	Invitation to serve, brief correspondence.	
F.63	<i>Ecological Entomology</i>	1983-1984
	Papers submitted.	
F.64-F.66	Edward Arnold	1976-1987
	Most of the material relates to the 'Resource and Environmental Sciences' series published by Edward Arnold. Southwood and A.H. Cottrell were General Editors. The series was discontinued in 1983.	
F.64	Agreement for series 1976, correspondence 1976-1978 (mainly carbon copies of Southwood's letters) on contributors and titles, correspondence 1983-1984 on discontinuation of series.	

F.65	Plan of series, agendas and minutes of editorial meetings, notes and schedules of work in progress August 1976 - November 1980.	
F.66	Agreement, correspondence 1984-1987 on <i>Insects and plant surfaces</i> , edited by Southwood and B.E. Juniper (<i>Bibliog.</i> 148A).	
F.67, F.68	Elsevier/North Holland	1979-1991
F.67	1979-1981, on proposed volumes 'Techniques in Ecology', a development of Elsevier's 'Techniques in the Life Sciences' series. Southwood was advisory editor, drawing up an outline of contents and possible volume editors. Material includes proposal, meetings, editor's agreement.	
F.68	1986-1991. Includes invitation 1991 to Southwood to serve on editorial board of <i>Agriculture, Ecosystems and Environment</i> (declined).	
F.69	<i>Entomologia</i>	1961-1963, 1975
F.70, F.71	<i>Entomologist's Monthly Magazine</i>	1949-1990
	Many of Southwood's early entomological papers were published in this journal. He served on the editorial board from 1962 and wrote a commemorative piece for the 125th issue (<i>Bibliog.</i> 170).	
F.70	1949-1967 on manuscripts and publications, appointments to editorial board and general affairs of journal. Early correspondence often refers to papers by Southwood including <i>Bibliog.</i> 1, 1949, though he had been publishing in the Magazine since 1947.	
F.71	1986-1990, mainly on financial and publishing arrangements for the journal and also for the <i>Entomologist's Gazette</i> .	
F.72	<i>Evolution</i>	1966
	Comments on paper.	

Publications and editorial

F.73	<i>Freshwater Ecology</i>	1993
	Comments on paper.	
F.74	<i>Functional Ecology</i>	1986
	Comments on paper.	
F.75	<i>Insect Science and its Application</i>	1986
	Comments on papers.	
F.76-F.78	<i>Journal of Animal Ecology</i>	1985-1988
	Southwood frequently published, and also reviewed papers submitted for publication in the journal, which is a publication of the British Ecological Society.	
	Correspondence on papers.	
F.76	1985-1986.	
F.77	1987.	
F.78	1988.	
F.79	<i>Journal of Applied Ecology</i>	1984
	Comments on paper.	
F.80	<i>Journal of Environmental Law</i>	1991-1994
	Meetings of Editorial Board, and paper submitted.	
F.81	<i>Journal of Natural History</i>	1969
	Brief correspondence on paper submitted.	

Publications and editorial

F.82	<i>Journal of Theoretical Biology</i>	1964, 1983
	Comments on papers.	
F.83	Methuen & Co.	1969
	Correspondence on various publication projects.	
F.84-F.87	<i>Nature</i>	1967-1987
	Correspondence and comments on letters and papers submitted.	
F.84	1967.	
F.85	1980-1981.	
F.86	1985-1986.	
F.87	1987.	
F.88	<i>New Scientist</i>	1983-1989
	Miscellaneous shorter correspondence, including comments on Southwood's Royal Society lecture on 'Risk' (<i>Bibliog.</i> 174).	
F.89, F.90	<i>Oecologia</i>	1985-1991
	Southwood was invited to join the editorial board in 1985, in succession to P.R. Ehrlich. He served from 1986 to 1989 when he stood down on taking up the Vice-Chancellorship.	
	Correspondence with editor and publisher on policy, papers submitted, board meetings and appointments.	
F.89	1985-1986.	

Publications and editorial

- F.90 1987-1991.
- F.91 *Oikos* 1967, 1983-1989
Correspondence and comments on papers. Includes letter 1986 on Southwood's paper (*Bibliog.* 165).
- F.92-F.97 Oxford University Press (OUP) 1967-1995
Southwood accepted an invitation to serve as a Delegate in 1980. He served until 1994. In 1986 he was elected Chairman of the Finance Committee (to serve from 1987) but did not take up the position on being nominated as Vice-Chancellor. As Vice-Chancellor he chaired the Delegates and served one further year (1993-1994) to complete the second five-year term.
General correspondence on publications and the affairs of the Press.
- F.92 Early correspondence 1967 on *The Oxford Book of Insects*.
- F.93 1983-1985, 1989. Includes draft of Southwood's Foreword to *Mechanisms in insect olfaction* (*Bibliog.* 150A), and correspondence 1989 on a proposed 'Natural History of Life' book which Southwood could not take forward at that time.
- F.94 European Editorial and Marketing Conference, May 1990. Correspondence, programme and information, including Southwood's opening remarks as Vice-Chancellor.
- F.95 1993. Miscellaneous book proposals. Also includes Southwood's introduction to *English from Oxford* series (*Bibliog.* 200C), and correspondence on a proposed *Biology of Habitats* series of which Southwood was to be a joint editor.
- F.96 1994-1995.
- F.97 Personal correspondence and material 1978-1994, Southwood's appointments at OUP, letters of congratulation, retirement as delegate.

Publications and editorial

F.98	Pergamon Press Publication.	1968
F.99	Princeton University Press Various publishing projects.	1980-1982
F.100-F.102	<i>Proceedings of the National Academy of Sciences (PNAS)</i> Correspondence, papers, referees' reports on papers communicated by Southwood for publication in PNAS.	1988-1995
F.100	1988.	
F.101	1991, 1992.	
F.102	1995.	
F.103	<i>Proceedings and Transactions of the Royal Society</i> Comments on papers submitted various dates 1977-1985.	1977-1985
F.104	<i>Science Progress</i> Brief correspondence.	1992
F.105	Wiley & Sons Ltd. Correspondence on proposed publication.	1984

Publications and editorial

F.106, F.107	Miscellaneous requests to write books or articles, or to review (declined).
F.106	1967-1984.
F.107	1992-1993.
F.108	Miscellaneous requests to advise on journals. 1985-1987.

SECTION G

SOCIETIES AND ORGANISATIONS

G.1-G.126

- | | |
|------------|--|
| G.1 | AMATEUR ENTOMOLOGISTS' SOCIETY |
| G.2 | AMERICAN ACADEMY OF ARTS AND SCIENCES |
| G.3 | AMERICAN SOCIETY OF NATURALISTS |
| G.4-G.9 | BRITISH ECOLOGICAL SOCIETY |
| G.10 | BRITISH EMPIRE NATURALISTS' ASSOCIATION
later BRITISH NATURALISTS' ASSOCIATION |
| G.11-G.13 | BRITISH MUSEUM (NATURAL HISTORY) |
| G.14-G.28 | CHRISTENSEN RESEARCH INSTITUTE |
| G.29 | CLUB OF EARTH |
| G.30 | EARTHWATCH EUROPE |
| G.31-G.34 | EAST MALLING RESEARCH STATION and EAST
MALLING TRUST FOR HORTICULTURAL RESEARCH |
| G.35 | ECOLOGICAL SOCIETY OF AMERICA |
| G.36 | ECOLOGICAL SOCIETY OF AUSTRALIA |
| G.37 | ECOLOGY INSTITUTE |
| G.38-G.43 | FIELD STUDIES COUNCIL previously COUNCIL FOR
THE PROMOTION OF FIELD STUDIES |
| G.44 | GAME CONSERVANCY TRUST |
| G.45 | HABITAT RESEARCH TRUST |
| G.46, G.47 | INSTITUTE OF BIOLOGY |

Societies and organisations

- | | |
|--------------|--|
| G.48 | INSTITUTION OF ENVIRONMENTAL HEALTH OFFICERS
later CHARTERED INSTITUTE OF ENVIRONMENTAL
HEALTH |
| G.49 | INTERNATIONAL ASSOCIATION FOR ECOLOGY |
| G.50 | INTERNATIONAL CENTRE OF INSECT PHYSIOLOGY
AND ECOLOGY |
| G.51 | LINNEAN SOCIETY OF LONDON |
| G.52-G.59 | NATURAL ENVIRONMENT RESEARCH COUNCIL |
| G.60 | NATURE CONSERVANCY COUNCIL |
| G.61 | NORWEGIAN ACADEMY OF SCIENCE AND LETTERS |
| G.62 | PONTIFICAL ACADEMY OF SCIENCES |
| G.63-G.71 | RHODES TRUST |
| G.72-G.81 | ROYAL ENTOMOLOGICAL SOCIETY OF LONDON |
| G.82-G.103 | ROYAL SOCIETY |
| G.104, G.105 | SOUTH LONDON ENTOMOLOGICAL AND NATURAL
HISTORY SOCIETY later BRITISH ENTOMOLOGICAL
AND NATURAL HISTORY SOCIETY |
| G.106 | SYSTEMATICS ASSOCIATION |
| G.107-G.109 | TEMPLETON COLLEGE OXFORD |
| G.110-G.124 | WILDLIFE CONSERVATION RESEARCH UNIT |
| G.125 | WORLD WILDLIFE FUND |
| G.126 | ZOOLOGICAL SOCIETY OF LONDON |

Societies and organisations

- G.1** **AMATEUR ENTOMOLOGISTS' SOCIETY** **1950-1956, 1972**
- Southwood was elected to the Council of the Society in 1950. He gave lectures, arranged courses, and also reviewed for the Society's *Bulletin*. He remained on its Advisory Panel on Heteroptera until 1972.
- General correspondence.
- G.2** **AMERICAN ACADEMY OF ARTS AND SCIENCES** **1981-1987**
- Southwood was elected a Foreign Honorary Member in May 1981
- Notification of election, letters of congratulation 1981, miscellaneous shorter correspondence, nomination.
- G.3** **AMERICAN SOCIETY OF NATURALISTS** **1970-1991**
- Southwood was invited to join the Society in June 1970 and was formally elected in December of that year.
- Correspondence on election, and on affairs of *The American Naturalist*; Southwood served on its Editorial Board 1972-1974. Includes comments on papers, and some policy matters.
- G.4-G.9** **BRITISH ECOLOGICAL SOCIETY (BES)** **1952-1992**
- Southwood was elected a member of the Society in 1952. He served as Membership Treasurer, latterly as Council Treasurer and *ex-officio* Council member from January 1961 to January 1968. He was Chairman of the Ecological Affairs committee, and President of the Society 1976-1978. He was elected an Honorary Member in 1988.
- The material, which may deal with all aspects of the Society's activities and its *Journal of Animal Ecology* (*q.v.*), is variable in date and extent. There is for example no direct documentation here for Southwood's service as President.
- The correspondence is conducted with successive Presidents, Secretaries and Editors, and with colleagues.
- BES conferences and symposia attended by Southwood are documented in Section H. Lectures are in Section E.

Societies and organisations

- G.4 1952-1968.
Includes election to membership, invitation to serve as Membership Treasurer.
- G.5 1974-1983.
Honorary memberships, proposed joint Symposium with Linnean Society.
- G.6 1983.
Correspondence and papers relating to *Journal of Animal Ecology*.
See F.76-F.78.
- G.7 1984-1986.
Topics for proposed 75th Anniversary Symposium to be held in 1988, AGM motion on 'Nuclear Winter'.
- G.8 1987-1988.
History of the Society, future policy, 75th Anniversary celebrations (Southwood gave the speech at the Anniversary dinner), Southwood's election as Honorary Member and his tribute to Per Brinck who was elected at the same time.
- G.9 1989-1992.
Proposed 'Ecological issues' series; environmental ethics and ecological science base; formation of European Ecological Federation and of Institute for Ecology and Environmental Management; other general correspondence.
- G.10 **BRITISH EMPIRE NATURALISTS' ASSOCIATION (B.E.N.A) 1949-1995**
later BRITISH NATURALISTS' ASSOCIATION (BNA)

In his letter of 28 January 1987 Southwood writes: 'I particularly value this link with the Association, the membership of which did so much to help me develop my interests in natural history when I was a youth. I joined the Association in the darkest days of the war, I think late 1942.'

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Societies and organisations

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The earliest extant surviving correspondence (1949) relates to Southwood (then aged 18) serving as 'Referee for Hemiptera-Heteroptera', responsible for enquiries on these species; much of the early correspondence at A.38 arises from this work. He was on the Council of B.E.N.A. from January 1952 and some of his early lectures were given at its meetings and published in its Mid-Kent Portfolio. See E.3-E.22.

Later correspondence 1987-1989 relates to the Society's becoming a charitable company limited by guarantee. Southwood was a Vice President, chairing the AGM in 1989. In 1995 he contributed a guest editorial for the 90th anniversary issue of *Country-side*, the Association's journal (*Bibliog.* 206).

See A.12 for Southwood's account of his links with the Association.

G.11-G.13

BRITISH MUSEUM (NATURAL HISTORY)

1967-1992

Southwood was a Trustee of the Museum 1974-1983 and Chairman of the Trustees 1980-1983 (*Bibliog.* 121, 122).

There is a little material relating to this in G.11 and G.11A but the main content postdates that period and relates to the research, staffing and general affairs of the Museum and principally to the Department of Entomology.

The correspondence and papers for 1990 at G.13 are concerned chiefly with plans for the reorganisation of the Museum, which attracted much adverse comment and various representations.

G.11

1967-1982.

Includes nomination of Southwood for the Cockayne Committee 1967, renewal of Trusteeship 1978, congratulations on election as Chairman 1979, letter of thanks from Prime Minister at end of Chairmanship 1983, Southwood's speech at opening of Centenary Exhibition 1981, issue of BM (NH) *Bulletin* 10 1982, commemorating Royal visit May 1981 (*Bibliog.* 126).

G11A

1981-1987

General correspondence on research and travel grants, staffing and general affairs of the Museum, principally the Department of Entomology.

G.12

1987-1990.

Societies and organisations

G.13 1990-1992.

G.14-G.28

CHRISTENSEN RESEARCH INSTITUTE (CRI)

1982-1996

CRI, a privately-funded research laboratory dedicated to marine and terrestrial biological research, was founded by Allen D. Christensen and funded by his California-based family Fund. Located in Madang Province Papua New Guinea, the Institute was sponsored by five academic institutions (Stanford University, California Academy of Science, CSIRO (Australia), Oxford University and the Universities of Papua New Guinea). Each of these nominated a member of the Scientific Advisory Board, Southwood being the Oxford representative. Twenty-five short-term Fellowships were offered annually, apportioned among the affiliated institutions.

After preliminary discussions, CRI was established in 1985 and officially opened in January 1986. General administration was conducted by Ms C. Diane Christiansen the Founder's daughter until the appointment of the first Scientific Director (M.Jebb) in 1987. A.D. Christensen died in April 1989, though his Foundation continued to support the CRI.

Christensen was a benefactor and Honorary Fellow of St. Catherine's College Oxford, whose then Master, Sir Patrick Nairne, was involved in the early negotiations.

G.14 December 1982 - January 1983.

A.D. Christensen's first Memorandum on his plans December 1982, correspondence with colleagues and University officials, Southwood's papers for submission to General Board and Council, information for members of the Biological Faculty, Southwood's notes on the requirements of the Institute based on his discussions with colleague in Brussels.

G.15 February - March 1983.

Correspondence with colleagues expressing interest in the scheme, and with university officials.

G.16 April - November 1983.

Revised Memorandum, meeting and discussion with A.D. Christensen, outline laboratory and equipment plans, formal acceptance of University participation.

Societies and organisations

- G.17 January - October 1984.
- Continuing negotiations, plans, layout, equipment lists for proposed laboratory.
- G.18 May - December 1985.
- Correspondence, arrangements for first meeting of scientific committee (September) and opening of Institute (January 1986).
- G.19 January 1986.
- Opening symposium, committee meeting, Southwood's draft of his speech at opening, list of bird species at Madang observed by Southwood and others during visit.
- G.20 February-December 1986.
- Correspondence and papers on prospective research fellowships or projects at CRI.
- G.21 January-November 1986.
- General correspondence, book-lists for CRI, visit to Oxford by A.D. Christensen, meetings, plans for CRI.
- G.22 January-September 1987
- Research projects, possible OUP publication, appointment of Director for CRI (M. Jebb).
- G.23 January-May 1988.
- G.24 June-December 1988.
- Future plans for CRI.

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|-------|---|------------------|
| G.25 | January-December 1989. | |
| | Includes notification of the death on 6 April of A.D. Christensen. | |
| | Research at CRI, future prospects. | |
| G.26 | 1990-1996. | |
| | Includes proposal September 1994 for management take-over of CRI by Royal Botanic Gardens, Kew. | |
| G.26A | 1991-1993 | |
| | Correspondence with M. Jebb, director of CRI. | |
| G.27 | Miscellaneous manuscript notes by Southwood on organisation and work of CRI, n.d. | |
| G.28 | Miscellaneous information on CRI, newsletters, Fellowship applications and research reports. | |
| G.29 | CLUB OF EARTH | 1989-1992 |
| | This was an informal pressure group of scientists concerned with environmental and kindred issues. | |
| | Correspondence, drafts and published statement on tropical forests. | |
| G.30 | EARTHWATCH EUROPE | 1988-1995 |
| | EARTHWATCH was founded in the USA and based in Boston; it aimed to support academic field research projects internationally. Its branch EARTHWATCH EUROPE was based in Oxford and Southwood was Chairman of its Science Advisors reviewing project proposals. | |

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Societies and organisations

/... General correspondence and papers on the launch of Earthwatch Europe (Southwood gave the introductory review at the initial seminar on field science held at the Royal Society on 17 February 1989. See E.134), information, project proposals and results, funding appeals and collaborative approaches.

G.31-G.34

EAST MALLING RESEARCH STATION and EAST MALLING TRUST FOR HORTICULTURAL RESEARCH

1978-1993

Southwood served on the Governing Body from 1978.

Southwood was a Trustee of the Development and Endowment Fund from 1985, though he was unable to attend a meeting until April 1988.

He also served from 1988 on the Scholarship Committee for the V.H. Blackman Research Studentships awarded annually from October 1988.

The material deals principally with funding and organisation problems, sales and property, changes in land use and research programmes.

Some committee papers, copies of leases and similar information relevant to the entries have been retained.

The Clerk to the Trustees at this time, with whom much of the correspondence is exchanged, was R.L. Oxley.

G.31

1978, 1984-1987.

G.32

1988.

Includes material on the (unpublished) Barnes Review on state funded research for horticulture and its implications for the Trust, restructuring plans for research stations. Includes correspondence on proposals for Blackman studentship.

G.33

1989-1990.

Similar material on the future of research at East Malling, property sales, Blackman studentship.

G.34

1991-1993.

Societies and organisations

G.35	ECOLOGICAL SOCIETY OF AMERICA	1957
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Election to membership 1957.

G.36	ECOLOGICAL SOCIETY OF AUSTRALIA	1984-1985
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Brief correspondence 1984-1985.

G.37	ECOLOGY INSTITUTE	1985-1992
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The Institute, located near Hamburg, was founded in 1985 by Otto Kinne. Its aims were to encourage the work of ecologists and fuller cooperation between them, by means of two annual prizes. The principal of these, the 'Ecology Institute Prize' carries prize money and also the requirement to write a book for publication in the series 'Excellence in Ecology'.

Southwood was invited to become a member of the Institute's terrestrial ecology staff in 1985, and was chairman of the jury for the 1987 prize.

Most of the material relates to this, and includes correspondence with colleagues and other jury members, nominations, election, Southwood's 'Laudatio' of the winner (E.O Wilson), which appeared in the prize book: 'Success and dominance in ecosystems: the case of the social insects' (*Bibliog.* 178).

G.38-G.43	FIELD STUDIES COUNCIL previously COUNCIL FOR THE PROMOTION OF FIELD STUDIES	1949-1977
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Southwood used the Council's Field Centre at Flatford Mill, Suffolk for his own field studies from his schooldays (earliest reference 1949, see G.41); a room there is still known as 'The Dickery'. From 1951-1963 he ran courses there and acted as tutor and examiner for the Certificate of Proficiency in Natural History awarded by the University of London Department of Extra-Mural Studies. Most of this work was conducted at Flatford Mill but other centres, mainly Juniper Hall Dorking were also involved. The success of the course is shown not only by the results but by the letters of thanks from participants some of whom were encouraged to embark on, or pursue with more commitment, advanced work in entomology (see G.43).

Southwood himself served on the Executive Committee of the Council, including (January 1966) its Treasurership, and on the Editorial Panel of its journal *Field Studies*. He also chaired the Working Group set up in 1969 to make recommendations on the Council's policy and organisation (see G.38). He became an Honorary Vice-President in 1992.

Societies and organisations

Some of the early correspondence is exchanged with Francis and Eleanor Butler, Founders of the Council, with whom Southwood was on affectionate terms.

A note by J.R. Parker (Br. Arachnological Society *Newsletter*, July 1984), on the early history of the Field Studies Council, is included at G.38.

- G.38 General correspondence 1959-1967 on Council matters, including Southwood's election to Executive Committee 1959 and correspondence 1967 on his illness and resignation as Treasurer. Also included are the Minutes of the Executive Committee meeting 6 July 1970 at which the Working Group's report was accepted with thanks, together with an explanatory note from Southwood November 1996.
- G.39 Correspondence 1958-1967 on *Field Studies*, Southwood's appointment to Editorial Panel and his draft for the Editorial of its first number (May 1959), correspondence on work submitted for publication etc.
- G.40 Correspondence with University of London Department of Extra-Mural Studies 1951-1963 on Natural History Courses, held mainly at Flatford Mill but also at Juniper Hall Dorking. Invitations and re-appointments, students' work for Certificate of Proficiency etc.
- G.41 Correspondence 1949-1963, 1977, principally with Wardens at Flatford Mill, on Insect Biology Courses, papers for publication in *Field Studies*.
- G.42 Correspondence with Wardens etc. at other Field Centres on courses, publications etc.
- Dale Fort, Pembrokeshire 1959-1964.
- Juniper Hall, Dorking 1956-1959.
- Orielton, Pembrokeshire 1979.
- Preston Montford, Shrewsbury 1963.
- Slapton le Field, Kingsbridge 1967.
- Miscellaneous.

Societies and organisations

G.43 Letters of thanks, requests for further advice and information from participants in Flatford Mill courses 1951-1970.

G.44 GAME CONSERVANCY TRUST 1977, 1982-1994

Southwood was a Trustee, elected a Vice-President in March 1986 and an Honorary Life Member in July 1986.

General correspondence on affairs of the Trust, Southwood's election as Vice-President and Honorary Life Member, meetings and publications, fund-raising campaign via Habitat Research Trust (*q.v.*) which Southwood was invited to join July 1990.

G.45 HABITAT RESEARCH TRUST 1990-1992

This was a registered charity set up in 1990 to collect and allocate funds arising from the Game Conservancy Trust's fund-raising campaign (*q.v.*).

Includes applications for research funding, proposals from Game Conservancy Trust, accounts and report for first year of Trust's work.

G.46, G.47 INSTITUTE OF BIOLOGY 1952-1991

Miscellaneous general correspondence and papers.

G.46 1952-1978.

Includes Southwood's election to student membership 1952, and to Fellowship (initially declined) 1967.

G.47 1981-1991.

Recruitment drives, statistics on UGC cuts in university biology, meetings, conferences, appointments etc.

Societies and organisations

**G.48 INSTITUTION OF ENVIRONMENTAL HEALTH OFFICERS, 1984-1994
 later CHARTERED INSTITUTE OF ENVIRONMENTAL
 HEALTH**

Southwood was an Honorary Vice-President from 1984 (renewed 1991).

He took an active interest in the affairs of the Institution, attending, chairing or speaking at its meetings and conferences whenever possible and commenting on its programmes and initiatives.

Correspondence with colleagues and with officers of the Institution on environmental matters in UK and Europe, courses in environmental health, seminars and meetings, invitation (declined) to chair the proposed Noise Council of the Institution 1986, notification September 1994 of change of name and status.

Conferences and symposia attended by Southwood are documented in Section H.

**G.49 INTERNATIONAL ASSOCIATION FOR ECOLOGY 1977, 1990-1994
 (INTECOL)**

Correspondence 1977 is on programme and speakers for Second International Congress of Ecology, New Zealand.

Correspondence and papers 1990-1994 include Southwood's election to Board of Intecol 1990, draft paper 'Reflections on the future of Intecol' by W. Haber (President) 1992, organisation of Sixth International Congress of Ecology, Manchester 21-26 August 1994. Southwood was on the Advisory Board and gave the opening address (manuscript draft included).

**G.50 INTERNATIONAL CENTRE OF INSECT PHYSIOLOGY 1982-1993
 AND ECOLOGY (ICIPE)**

Correspondence and papers on teaching programmes at ICIPE, and formation of 'Friends of ICIPE'.

Societies and organisations

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|------------------|---|-----------------------------|
| G.51 | LINNEAN SOCIETY OF LONDON | 1960-1967, 1984-1993 |
| | <p>Early correspondence includes Southwood's election to membership 1960, nomination for Council 1967 (declined from pressure of commitments). He later served on Council and as Vice-President 1982-1984.</p> <p>Later correspondence includes award to him of Linnean Medal for Zoology 1988.</p> | |
| G.52-G.59 | NATURAL ENVIRONMENT RESEARCH COUNCIL (NERC) | 1977-1993 |
| | <p>The material deals with several discrete aspects of the Council's affairs with which Southwood was concerned. They are presented in chronological order.</p> <p>Southwood served on the Terrestrial Life Sciences Grants Committee of NERC as Member 1971-1972 and Chairman 1972-1976; there are no papers relating to this in the present collection.</p> | |
| G.52-G.55 | <p>NERC Unit for Invertebrate Virology, later Institute of Virology Oxford 1977-1987.</p> <p>Southwood served on the Advisory Committee.</p> | |
| G.52 | <p>1977.</p> <p>Agenda, programme, information on personnel and research in hand, for Unit Advisory Committee meeting 1977.</p> | |
| G.53 | <p>1981-1983.</p> <p>Invitation to Southwood to act as chairman of re-organised Committee, naming of 'Tinsley Building' after recently-retired Institute Director.</p> | |
| G.54 | <p>1983-1985.</p> <p>Appointments.</p> | |
| G.55 | <p>1985-1987.</p> <p>Research at Institute, collaboration with other departments and with university.</p> | |

Societies and organisations

- G.56, G.57 Research Programmes
- G.56 Correspondence 1986-1987 with NERC and with colleagues in UK and abroad, on Council's support for ecological work.
- G.57 Correspondence 1987-1988 on joint Agriculture and Environment Research Programme 'Multidimensional modelling of a farm ecosystem,' and the possible relocation of an NERC staff member to the Department of Zoology (not proceeded with).
- G.58 Population Biology Review Group
- Correspondence and papers 1987-1993. Southwood was a member of the Group but was rarely able to attend meetings. Includes notes and comments on Review Group's findings.
- An Interdisciplinary Research Centre in Population Biology was set up at Silwood Park, and Southwood chaired its Advisory Board from 1993.
- G.59 General correspondence on NERC affairs 1977-1990
- G.60 **NATURE CONSERVANCY COUNCIL (NCC)** **1985, 1988-1990**
- Southwood served on the Council's Advisory Committee on Science 1981-1983 (see letter of January 1985) but no documents survive for this.
- Correspondence 1985 is renewed invitation to serve on Council (declined from pressure of work).
- Correspondence, drafts and papers 1989-1990 are on re-organisation of NCC, especially its science base, and submission to Secretary of State for Environment (C. Patten) and other bodies. The NCC was wound down in 1991 consequent upon the Environment Protection Act 1990.
- G.61 **NORWEGIAN ACADEMY OF SCIENCE AND LETTERS** **1987**
- Election to Membership 1987

Societies and organisations

G.62 PONTIFICAL ACADEMY OF SCIENCES 1991-1994

Southwood was nominated an Ordinary Member of the Academy in September 1992 and formally admitted at an Audience in October.

Letter of election, arrangements for Audience, biographical information, Southwood's note on his career and primary scientific concerns.

G.63-G.71 RHODES TRUST 1986-1995

Southwood was invited to become a Trustee in March 1986.

General correspondence with the Secretaries, Trustees and others on the affairs and policy of the Trust, relations with Rhodes Scholars Associations and Committees in USA and elsewhere, meetings, appointments etc. Notes of meetings, applications for support, reports on visits etc have been retained.

G.63 1986.

G.64 January - June 1987.

G.65 July - September 1987.

G.66 1988.

G.67 January - June 1989.

G.68 1990, 1992.

G.69 1993.

G.70 Not used.

Societies and organisations

G.71 1995, 1997.

G.72-G.81

ROYAL ENTOMOLOGICAL SOCIETY OF LONDON

1948-1995

Southwood was elected a Fellow in 1948, at the age of sixteen (see A.7, A.12). He published many papers in the *Proceedings* or *Transactions* of the Society, the earliest in 1949.

He was nominated President for 1983-1985, during which period the Society celebrated its 150th Anniversary and the Centenary of its Royal Charter. Southwood gave the opening and concluding remarks at the Commemorative Symposium (*Bibliog.* 140a, 140b) and the Centenary Lecture, on 'Insect communities' (*Bibliog.* 145).

Conferences and meetings of the Society attended by Southwood are in Section H. Lectures are in Section E.

G.72 1948-1957.

Southwood's election as Fellow 1948, correspondence on papers and publications.

G.73 1959-1963.

Publications by Southwood and others.

G.74 1965-1969, 1977-1978.

Insect conservation, Southwood's appointment as Chairman of symposium committee 1967.

G.75 July - August 1982, January - June 1983.

Invitation to give Biological Council Award lecture during commemorative celebrations, nomination as President.

G.76 July - December 1983.

Meetings, correspondence, manuscript of Southwood's opening and closing remarks at commemorative symposium (*Bibliog.* 140a, 140b), and of his Anniversary Lecture (*Bibliog.* 145).

Societies and organisations

- G.77 1984.
- Meetings, affairs of the Society's Library, letter from T. Lewis on his election to Presidency in succession to Southwood.
- G.78 Project Wallace.
- This was a major year-long scientific expedition, January-December 1985, in the forest of Sulawesi (Indonesia) by Royal Entomological Society in collaboration with the Indonesia Institute of Sciences (LIPI). It formed part of the activities to celebrate the Society's 150th Anniversary and Centenary of its Royal Charter, and also to commemorate Alfred Russell Wallace (1823-1913).
- As President of the Society, Southwood was *ex officio* a member of the Project Wallace Committee.
- The material runs 1981-1988 and includes feasibility studies, reconnaissance visits, preliminary planning and budgeting, fund-raising, committee meetings, correspondence on organisation and on scientific projects.
- G.79 December 1984 - February 1985.
- Correspondence and papers on the award of the Wigglesworth Medal, presented by H.M. the Queen at the Commemorative Reception jointly to J.S. Kennedy and M.L. Rothschild.
- G.80 January - August 1985.
- Correspondence, mainly on the Commemorative Reception and Royal visit 30 May (includes programme and letter of thanks), but also on general affairs of the Society.
- G.81 1986-1995.
- G.82-G.103 **ROYAL SOCIETY** **1977-1995**
- Southwood was elected to the Fellowship in 1977, served on Council and as Vice-President 1982-1984, and again on Council from 1996.
- See also A.64.

Societies and organisations

G.82-G.86	Correspondence and Committees, 1977-1993
G.82	General correspondence on Society affairs 1977, 1982-1983, including Southwood's election to Council.
G.83	<p>Correspondence, reports and papers relating to the Seychelles and especially to Aldabra 1983-1985.</p> <p>Southwood served on the Board of Trustees for the Seychelles Islands Foundation to December 1985.</p>
G.84	Correspondence 1985-1986 on possible visit by Southwood to China to study insects on <i>Buddleia davidii</i> .
G.85	Correspondence 1993 on setting-up of a Working Group of the ICSU Scientific Committee on Problems of the Environment, on radiation from Nuclear Test Explosions (SCOPE-RADTEST). Southwood accepted an invitation to chair the Group.
G.86	Brief correspondence on publications and meetings 1987-1994.
G.87-G.103	Elections, 1977-1995
G.87	1977.
G.87A	1977.
G.88	1978.
G.89	1979.
G.90	1980.
G.91	1981.

Societies and organisations

G.92 1982.

G.93 1983.

G.94 1984.

G.95 1985.

G.96 1986.

G.97 1987.

G.98 1988.

G.99 1989.

G.100 1990, 1991.

G.101 1993

G.102 1994

G.103 1995

G.103A SAVE BRITISH SCIENCE

1991-1992

Southwood was a member of the Advisory Council.

Brief correspondence only.

Societies and organisations

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| G.104, G.105 | SOUTH LONDON ENTOMOLOGICAL AND NATURAL HISTORY SOCIETY later BRITISH ENTOMOLOGICAL AND NATURAL HISTORY SOCIETY | 1947-1995 |
| | <p>The earliest surviving correspondence with officials of the Society dates from 1947 when Southwood, then sixteen, was already a member. In 1953 he was elected to the Publications Committee, serving for over forty years. In 1995 he became a 'Special Life Member' in acknowledgement of 50 years of membership.</p> | |
| G.104 | <p>1947-1964.</p> <p>General correspondence on the affairs of the Society, meetings, publications, specimens, lectures and papers by Southwood etc.</p> | |
| G.105 | <p>1980-1987, 1993, 1995.</p> <p>Mainly on the future and policy of the Society's <i>Proceedings</i> and <i>Transactions</i>.</p> <p>Letter of 1995 informs Southwood of his attaining the category of Special Life Member after 50 years of membership.</p> | |
| G.106 | SYSTEMATICS ASSOCIATION | 1982-1986 |
| | <p>The Association was founded in 1937, for the study of systematics in relation to general biology and evolution.</p> <p>Miscellaneous brief correspondence 1982-1986, including invitation (declined) to Southwood to serve as President for 1983.</p> | |
| G.107-G.109 | TEMPLETON COLLEGE OXFORD | 1988-1993 |
| | <p>Correspondence and papers 1988-1993, on management studies at Oxford University, based at Templeton College.</p> <p>See also C.135-C.144.</p> | |
| G.107 | <p>1988. Mainly comments on the 'Moser Report' on the future of Management Studies at Oxford.</p> | |

Societies and organisations

G.108 1989. Includes arrangements for visit by Sir John Templeton (chief benefactor of the College, after whom it was named) and the 'American Deans' who were to review the work of the College. Itinerary, reports, meetings.

G.109 1993. Council and Executive Committee meetings.

G.110-G.124

WILDLIFE CONSERVATION RESEARCH UNIT

1983-1996

The Unit, based in the Department of Zoology Oxford, aimed to 'undertake original research on aspects of fundamental biology relevant to solving problems of wildlife conservation and environmental management'.

D.W. Macdonald, Director of the Unit, had led a productive research team in the Department since 1982, working on local projects based at the University Field Station at Wytham and also at many overseas locations. Southwood played a significant role in the protracted fund-raising negotiations whose eventual success allowed in 1986 a Fellowship in Wildlife Management and Conservation to be established at Lady Margaret Hall, Oxford, Macdonald being appointed.

The material includes discussion papers, budgets, formal and informal applications, and correspondence mainly with Macdonald but also with colleagues, fund-holders, administrators of charitable trusts and foundations, college authorities and the like.

G.110 November-December 1983.

G.111 January - April 1984.

G.112 May - October 1984.

G.113 January - May 1985.

G.114 September - December 1985.

G.115 January - October 1986.

Societies and organisations

G.116 March - July 1987.

G.117 January - August 1988.

G.118 January - June 1989.

G.119 April - September 1990.

G.120 February - April 1991.

G.121 June - July 1992.

G.122 March - September 1993.

G.123 January - June 1994.

G.124 July - December 1995, 1996.

Includes Macdonald's introduction 'The WildCRU - a history', a ten-year review of the Unit's work, with an account of his and Southwood's fund-raising struggles. (Photocopy).

G.125 WORLD WILDLIFE FUND

1985, 1991

Correspondence 1985, 1991 on World Wildlife Fund projects and funding.

Societies and organisations

G.126

ZOOLOGICAL SOCIETY OF LONDON

1968-1989

Includes Southwood's election as Scientific Fellow 1968, the award to him of the Society's Scientific Medal 1970, research projects, service on Council 1984-1988, invitation to serve as President in succession to Sir William Henderson 1989 (declined from pressure of work as Oxford Vice-Chancellor).

Material relating to the Scientific Medal and T.H. Huxley Award of the Society is at S.237, S.238.

SECTION H

VISITS AND CONFERENCES

H.1-H.89

The material covers the period 1960-1995. It includes both UK and overseas conferences. It may comprise major extended visits as Visiting Professor involved in lectures and teaching such as those to Mexico (H.2), California (H.3, H.4), South Africa (H.32, H.33) or Cornell (H.53-H.58) or shorter visits to give papers or invitation lectures or to chair meetings.

Some of the folders include notes, information or drafts for lectures, but some deal primarily with practical arrangements for travel, lecture topics, or meetings preceding or following a conference, as well as correspondence with colleagues and organisers. Many of the drafts and texts in Section E relate to papers given at these conferences. Cross-references are given when known, as are references to published papers listed in Southwood's Bibliography at A.2.

Although the material here is considerable, it does not cover all Southwood's extensive travel arrangements. In particular, many of his official visits as member of advisory boards and committees are documented in the relevant sections.

Visits and conferences

H.1 11th International Congress of Entomology Vienna, Austria, 1960.

Drafts and papers for Southwood's contribution. His paper was published in the conference proceedings as 'The evolution of the insect-host tree relationship: a new approach' (*Bibliog.* 46) and is regarded by Southwood as one of his most important contributions to the subject.

The folder includes manuscript drafts for the published paper, a reading script on 'Migration - an evolutionary necessity for denizens of temporary habitats', and two shorter pieces on 'The relationship of the habitat to the frequency of dispersive movement in terrestrial arthropods' and 'Insect dispersal in relation to crop infestation' perhaps also related to *Bibliog.* 48.

H.2 Visit to Mexico, August - September 1964.

This was a British Council sponsored visit, by Southwood and P. Burt of Rothamsted Experimental Station, to the Colegio de Post-Graduados, Chapingo, comprising extended lecture courses and a field trip.

Correspondence 1964-1965 on arrangements, letters of thanks, Southwood's reports on his visit, to the British Council and, at his request, to the Director of the Colegio.

See E.41-E.44 for lectures, notes on field trip, etc.

H.3, H.4 Visit to California, USA, 1964-1965.

Southwood was Visiting Associate Professor in the Department of Entomology and Parasitology at the University of California at Berkeley, under the Fulbright Educational and Cultural Exchange Program.

See also B.4, B.10.

H.3 Correspondence 1964-1965 on financial arrangements.

H.4 Correspondence 1965 on arrangements for visits and lectures at various universities in USA and Canada, given by Southwood in course of his return journey from California. Includes offer to Southwood of Professorship at University of Kansas.

See E.45-E.53 for lecture and teaching material for period at California.

Visits and conferences

- H.5, H.6 Conference on 'Concepts of Pest Management', North Carolina State University at Raleigh, USA, 25-27 March 1970.
- Southwood gave a keynote paper with M.J. Way on 'Ecological background to pest management' which was published in the conference volume (*Bibliog.* 79).
- H.5 Correspondence 1969-1971 with organisers R.L. Rabb and F.E. Guthrie, invitation, programme, participants, travel and visa arrangements for Raleigh and for Southwood's visit to Georgia Southern College following the conference.
- H.6 Southwood's notes for his paper, and of contributions to discussions, manuscript and amended versions for published volume, publication arrangements.
- See also E.61.
- H.7, H.8 Third Annual Conference, on 'Ecological Animal Control by Habitat Management', Tall Timbers Research Station, Tallahassee, Florida, USA, 25-27 February 1971.
- Southwood gave a paper on 'Farm management in Britain and its effect on animal populations', which was published in the conference volume (*Bibliog.* 81).
- H.7 Correspondence 1970-1971 with organisers E.V. Komarek and W. Whitcomb, arrangements, conference programme annotated by Southwood, travel schedule.
- H.8 Correspondence 1970-1971 with colleagues, friends and former students on visits to Jamaica, Trinidad and Barbados after conference.
- See E.67 for manuscript of Southwood's lecture.
- H.9 Agricultural University of Wageningen, Netherlands, 3-4 May 1971.
- This was a British Council supported visit under the Foreign University Interchange Scheme, originally planned for 1970, but deferred to 1971. Correspondence 1969-1971 with colleagues and with British Council, choice of lecture topics, Southwood's report on his visit.

Visits and conferences

- H.10 World Health Organization (WHO) Scientific Group on Vector Ecology, Geneva, Switzerland, 6-10 December 1971.
- Southwood spoke on 'Principles of population assessment and its practical significance'.
- Correspondence, draft of Group's report, later published as *Tech. Rep. Ser.* 501, 1972.
- See also E.72.
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- H.11 Meeting on 'Regional Management of the Rhine', Royal Institute of International Affairs, Chatham House, London, 21 June 1971.
- Southwood and G.R. Conway presented a paper on 'Man's effect on the ecology of the Rhine basin' which was published after considerable delay in the published volume (*Bibliog.* 89).
- Programme of meeting, brief correspondence 1975 about publication.
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- H.12-H.16 14th International Congress of Entomology, Canberra, Australia, 22-30 August 1972.
- Southwood gave a paper on 'Economic aspects of pest management strategies and decisions', published in collaboration with G.A. Norton in the conference volume (*Bibliog.* 85).
- He undertook a complex itinerary of visits and lectures, going out via India to visit WHO Research Units in Delhi and Bangkok, and returning via Samoa to San Francisco and North Carolina.
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- H.12 Correspondence 1970-1974 with organisers on Conference arrangements, symposia and papers, information, programme, synopsis of Southwood and Norton's paper, publications arrangements.
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- H.13 Correspondence with colleagues to arrange visits on outward journey and in Australia, includes some invitations declined.
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- H.14 Similar material for visits to Samoa and USA, miscellaneous itineraries.

Visits and conferences

- H.15 Notes and draft for Southwood and Norton's paper. Also manuscript draft for a lecture by Southwood on 'Insects and birds'. (Given at a conference at Edward Grey Institute, Oxford but kept with Canberra material).
- See also E.77. E.79 may also refer.
- H.16 Correspondence with colleagues and information sent to Southwood in preparation for conference paper.
- H.17 Joint World Health Organisation/Food and Agriculture Organisation (WHO/FAO) meeting on Use of Insect Viruses, Geneva, Switzerland, 22-27 November 1972.
- Brief correspondence from Southwood about the meeting (not otherwise documented).
- H.17A Visit to Dar es Salaam, Tanzania, 26 April - 10 May 1973.
- Southwood was an external examiner at the University of Dar es Salaam, and also visited Cotton Research Corporation stations.
- Correspondence, including proposed later visits for 1974.
- H.18 Symposium on 'Insects, Science and Society', part of the Centennial Celebration of Entomology at Cornell University, New York, USA, 14-15 October 1974.
- Southwood's paper on 'Dynamics of insect populations', was published in the conference volume (*Bibliog.* 90).
- Correspondence 1974-1975 with colleagues, invitation, programme, participants, letters of thanks.
- See also E.81.
- H.19-H.21 15th International Congress of Entomology, Washington D.C., USA, 20-27 August 1976.
- Southwood gave the Opening Plenary Address, on 'Entomology and Mankind', which was published in the conference volume (*Bibliog.* 97). A shorter version appeared in *American Scientist*, **65** (*Bibliog.* 96). He also contributed a paper on 'Ecology of migration and diapause' to a conference symposium on 'Evolution of escape in space and time'.
- See E.89 for draft of lecture.

Visits and conferences

- H.19 Correspondence 1973-1976 with organisers and colleagues, invitation, funding and travel arrangements.
- H.20 Correspondence with editors and colleagues 1976-1977, on publications, including Southwood's concluding remarks on 'Escape in space and time'.
- H.21 Correspondence with colleagues, mainly requesting information in preparation for paper.
- H.22-H.24 International meeting on 'Insect behaviour and the signals coming from the trophic "milieu" ', organised by Centre National de la Recherche Scientifique, Tours, France, 13-18 September 1976.
- Southwood gave a paper on 'The stability of the trophic milieu, its influence on the evolution of behaviour and of responsiveness to trophic signals' which was published in the conference volume (*Bibliog.* 99).
- H.22 Correspondence 1975-1976 with organisers, invitation, programme, participants, arrangements, résumés of Southwood's paper (in English and French).
- H.23 Correspondence with colleagues, mainly sending information requested by Southwood in preparation for paper.
- H.24 Manuscript draft for speaking version of paper and of Southwood's concluding remarks; version prepared for publication; notes and data for paper.
- H.25-H.28 Visit to Greece, Corfu and Crete, 25 October-14 November 1976.
- Southwood was appointed consultant to the FAO project on 'Research on Control of Olive Pests and Diseases' in Continental Greece, Crete and Corfu. The Project Co-ordinator on site was E.C. Young.
- At the time of the visit E.C. Young had returned to New Zealand and B.S. Fletcher was the officer on site. (Private information from Southwood).
- See also E.90.

Visits and conferences

- H.25 Correspondence with colleagues and officials 1976-1979. Invitations, arrangements, letters of thanks and continuing correspondence on project, report, specimens etc. Southwood was asked to return as consultant in 1977 and 1979, but was unable to do so because of pressure of other commitments.
- H.26 Notes and drafts for paper on 'Sampling techniques ... for the olive fly', by Corfu colleagues, revised by Southwood and submitted by him for publication in *Ecological Entomology* (Bibliog. 117).
- H.27 Reviews and reports on the project, used as information and background material.
- H.28 Southwood's Report on the project, 42pp typescript, dated 16 November 1976. The visit ended only on 14 November and the report had to be written at great speed to be available at a review meeting.
- H.29 Visit to Texas, USA, 23 February - 18 March 1977.
- Southwood gave a course of lectures at the University of Texas at Austin, and also gave a lecture at Texas A & M University on population dynamics (postponed from 1976).
- Correspondence with colleagues 1976-1979, travel arrangements, lecture topics, letters of thanks, a few notes by Southwood and report on work in progress.
- See also E.90, E.93-E.95.
- H.30 Visit to Rio de Janeiro, Brazil, 14 February 1978.
- Brief correspondence only. The visit was part of a more extended visit to Brazil on behalf of the Wellcome Trust, to review the work of the Leishmaniasis Unit at Belem, Para. Visit not otherwise documented.
- H.31 Visit to Canada and USA, March 1978.
- Southwood gave the Spencer Memorial Lecture at the University of British Columbia Vancouver on 8 March, on 'Some patterns of nature'. He also lectured at Purdue University and visited Miami before visiting colleagues at Florida State University Tallahassee 16-20 March.

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Visits and conferences

- /... Correspondence 1976-1978 on lecture arrangements, proposed research and publication programmes, letters of thanks etc.
- See also E.97.
- H.32-H.33A Visit to South Africa, 22 January - 29 March 1979.
- Southwood, who was accompanied by his wife, visited Rhodes University Grahamstown as Visiting Professor, a number of other universities in Natal, Cape Province and Transvaal, and the Plant Protection Research Institutes in the Eastern Cape and Cape Provinces, including Game Parks where they had special opportunities provided by the resident research officers.
- H.32 Correspondence 1977-1979 on visit to Rhodes University; itinerary, plans for field trips, lectures, Ph.D. examination. Includes some research data and results.
- See also E.98.
- H.33 Correspondence and papers on visit to Pretoria; itinerary, reports by Southwood on discussions and work in progress.
- H.33A Arrangements for visit to South African Sugar Association Experiment Station, Mount Edgecombe, 14-23 March, to study and advise on work on *Eldana saccharina* pest. Includes itinerary, notes of committee meeting attended by Southwood, related background papers and map, some annotated.
- H.34 8th Latin-American Congress of Zoology, Mérida, Venezuela, 5-11 October 1980.
- Southwood agreed to be a 'Special Guest' and to give several lectures, but was obliged to cancel from pressure of other commitments.
- Correspondence 1980, programme.
- H.35 33rd International Symposium on Crop Protection, Ghent, Belgium, 5 May 1981.
- Southwood gave a paper at the Plenary Session, on 'Environmental considerations for pesticide usage' which was published in the conference volume (*Bibliog.* 116). He also spoke on the subject at the Interfaculty Center of Environmental Studies in Ghent.

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Visits and conferences

- /... Correspondence 1980-1981, manuscript drafts for lectures, programme, participants. Also includes programme for Royal Society Discussion Meeting on 'Crop protection chemicals: directions for future development', 18-19 February 1981 at which Southwood spoke on 'Environmental considerations' (*Bibliog.* 113).
- H.36, H.37 Institution of Environmental Health Officers 89th Environmental Health Congress, Scarborough, Yorkshire, 20-23 September 1982.
- Southwood opened the session on 'Environmental Pollution' with a paper on 'Environmental pollution - individual concern and public responsibility' (not published).
- H.36 Correspondence, invitations, arrangements, programme.
- H.37 Drafts for Southwood's speech, all with different corrections or additions.
- H.38, H.39 Conference on 'Britain, Europe and the Environment', Imperial College Centre for Environmental Technology (ICET), London, 24 September 1982.
- Southwood gave the closing paper, on 'Priorities for the future', which was published in the conference volume (*Bibliog.* 130).
- H.38 Correspondence with organiser (R. Macrory) 1982, information, programme, participants, text of opening address by Lord Flowers (Rector, Imperial College).
- H.39 Drafts of Southwood's speech, including additions made for delivery.
- Southwood's 5pp manuscript notes of papers and discussions at conference.
- H.40-H.42 Visit to Australia, 6 March - 2 April 1983.
- Southwood was invited to give the first Sabath Memorial Lecture (on 'Mankind and ecosystems: perturbation and resilience') at Griffith University School of Australian Environmental Studies, Queensland. He also received an Honorary Doctorate from the University and participated in field trips and seminars.

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Visits and conferences

- /... Additionally, he visited and lectured at James Cook University of North Queensland, and also visited Townsville where his mother's family had originated. (His great-grandfather had been Mayor, and the present Mayor gave a small reception and presented him with various photographs).
- Southwood's Sabath Lecture was published as a Working Paper of the University (*Bibliog.* 131).
- See E.102 for drafts of the lecture.
- H.40 Correspondence February 1982 - March 1983, arrangements, abstract of lecture, information.
- H.41 Correspondence after visit, April-May 1983, letters of thanks, continuing research. Also includes transcript of Southwood's interview broadcast on ABC 'Science Show', with emendations and corrections by him.
- H.42 Travel arrangements, schedules.
- H.43 CIBA Foundation Symposium, on 'The origins and development of adaptation', London, 12-14 April 1983.
- Southwood spoke on 'Insect-plant adaptations', his paper being published in the Symposium volume (*Bibliog.* 134).
- Correspondence 1982-1983, invitation, programme, arrangements.
- See also E.103.
- H.44 3rd European Ecological Symposium, on 'Plant-animal Interactions', Lund, Sweden, 22-26 August 1983.
- Southwood gave the introductory talk 'Interactions of plants and insects: patterns and processes', and chaired the opening session. His paper was published in the conference volume (*Bibliog.* 146).
- Correspondence 1983-1984, programme, conference and publication arrangements.
- See E.104 for drafts of lecture.

Visits and conferences

- H.44A European Communities Biologists Association Workshop on 'Biologists and Environment: The Role of the Professional', London, 19-23 September 1983.
- Report only. Southwood is listed as a participant. The event is not otherwise documented.
- H.45 Visit to Colorado State University, USA, as CSU Visiting Distinguished Professor of Ecology, and to the University of Wyoming, for Eminent Ecologists Lecture Program, 10-22 March 1984.
- As well as giving lectures and seminars at these centres, Southwood visited and lectured at Utah State University.
- Correspondence, travel arrangements, lecture topics and notes.
- See also E.109.
- H.46 17th International Congress of Entomology, Hamburg, West Germany, 20-26 August 1984.
- Southwood planned to attend, but declined invitations to present papers at symposia on 'Insect flight, dispersal and migration' and 'Classification, biology and ecology of Chloropidae (Diptera)' and eventually was unable to go.
- Correspondence 1983 with organisers.
- H.47 Institution of Environmental Health Officers, Kent Branch, Conference on 'Pollution in Perspective', Dartford, 27 February 1985.
- Southwood gave a paper on 'The work of the Royal Commission - the roles of proof and concern in pollution policy'.
- Correspondence, abstract of Southwood's paper. Also included is brief correspondence on 92nd Environmental Health Congress 23-26 September 1985 which Southwood was unable to attend.
- H.48 Confederation of British Industry Conference on 'Controlling Waste', London, 14 June 1985.
- Southwood chaired and introduced the conference as Chairman of the Royal Commission on Environmental Pollution.
- Correspondence, programme, participants, chairman's brief, Southwood's manuscript notes for his introductory speech and of other papers given.
- See also J.24.

Visits and conferences

- H.49 Conference on 'The assessment of environmental problems', Imperial College Centre for Environmental Technology (ICET) London, 16 December 1985.
- Southwood spoke on 'Lead in the environment' and his paper was published in the conference volume (*Bibliog.* 152).
- Programme, information, participants, reading text of Southwood's paper with underscorings and marginalia.
- H.50 Society for Environmental Geochemistry and Health, 4th Annual European Meeting, on 'Lead in the home environment: sources, transfer and exposure assessment', Imperial College London, 17-18 April 1986.
- Programme, participants, Southwood's notes on papers given and his 'Points for summary'.
- H.51 Visit to University of Lund, Sweden, 29 May-1 June 1986.
- Southwood gave the first Per Brinck Ecology Lecture, on 'Tactics, strategies and templets', and also received an Honorary Doctorate. He was accompanied by his wife.
- Invitations, correspondence 1986-1988 including arrangements for publication in *Oikos*, **52** (*Bibliog.* 165).
- See also E.119.
- H.52 Institut de Biocénétique Expérimentale des Agrosystèmes (IBEAS), 6th International Symposium, on 'Insect-plant Relationships', Pau, France, 1-5 July 1986.
- Southwood gave a paper on 'Plant variety and its interaction with Herbivorous insects', which was published in the conference volume (*Bibliog.* 156).
- Correspondence, programme, information, abstract, annotated and revised drafts of Southwood's paper.
- H.53-H.58 Visit to USA, 17 August - 29 September 1986.
- In December 1984 Southwood was asked to let his name go forward for nomination as 'A.D. White Professor-at-Large', Cornell University, Ithaca, New York. He accepted and was formally appointed in July 1985.

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Visits and conferences

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- The Professorships have a term of six years, requiring periods of residence of two or three weeks, lectures or 'contacts', and the opportunity for research. It was mutually most convenient for Southwood to make his visits September-October, though he was not able to do so every year. His first visit was in 1986, when he was accompanied by his wife; in 1987 and 1988 he visited on his own. See H.66, H.67, H.69, H.70. The visit planned for 1989 had to be cancelled because of the increasing claims on Southwood's time of the Oxford Vice-Chancellorship. See H.71.
- In addition to his Cornell visit in August-September Southwood also fulfilled an invitation (actually pre-dating that from Cornell, see H.55) from the University of Virginia, Charlottesville to give the Walton Lecture and to visit field stations.
- When travel arrangements allowed, Southwood tried to include a visit to Oxford University Press Offices in New York. See H.57, H.66, H.70.
- See E.120 for Southwood's inaugural lecture as White Professor.
- H.53 Correspondence 1984-1985 with colleagues and staff at Cornell, nomination and election, discussion of proposed first visit in 1985 (deferred until 1986), research and general affairs at Cornell.
- H.54 Correspondence 1985-1987 with colleagues and staff at Cornell on arrangements for Southwood's and Lady Southwood's visit September 1986, lectures and seminar topics, Southwood's election to Honorary Membership of the Ecological Society of America (December 1985, see G.35), accommodation, visa and tax, other lecture invitations, letters of thanks, draft for article on the visit.
- In his letter of 29 April 1987, Southwood recounts his unexpected nomination as Vice-Chancellor of Oxford during his visit to Papua New Guinea (see A.119), and the possible changes in his arrangements for Cornell consequent on his new responsibilities.
- H.55 Correspondence 1984-1987 with colleagues at University of Virginia about Walton Lecture, visits to field stations etc. August - September 1986.
- H.56 Schedules for visits, report on activities at Cornell 1986.
- H.57 Arrangements for visit to OUP New York and correspondence arising 1986.

Visits and conferences

- H.58 Correspondence 1984-1985 with colleague at University of Tennessee Knoxville, on proposed visit in 1986 and participation in INTECOL Symposium at Syracuse, New York. Southwood promised to give a paper but had to cancel both engagements
- H.59 33rd Annual Conference of the Entomological Society of America, Reno, Nevada, 7-12 December 1986.
- Southwood gave a Plenary Address on 'The significance of habitat on insect biology', which was published in *Bull. Ent. Soc. Amer.* **33** (4) (*Bibliog.* 163).
- In October 1986 Southwood was designated a Fellow of the Society and was formally admitted at the opening session of the conference.
- Correspondence 1986-1988. Invitation, arrangements, itinerary, letters of congratulation on election as Fellow, letters of thanks etc.
- H.60-H.62 Visit to Oman, Malaysia and Singapore, 7 March - 12 April 1987.
- Southwood undertook a complex series of engagements during this extended visit. He gave lectures or seminars at universities in Muscat Oman, Papua New Guinea, Kuala Lumpur and Singapore, as well as visiting Oxford University Press Offices in Singapore and Kuala Lumpur. (In Singapore he was joined by his wife, who had been on an extended visit to Australia). The visit also included an extended stay at the Christiansen Research Institute, Madang, Papua New Guinea (*q.v.*).
- H.60 Itineraries and schedules, correspondence with OUP 1986-1987.
- H.61 Correspondence with Sultan Qaboos University Muscat Oman 1986-1987.
- See also E.129.
- H.62 Correspondence with universities of Papua New Guinea, Malaysia and Singapore, 1986-1987.
- See also E.123.

Visits and conferences

- H.63 Hopkins Marine Station, Stanford University, California, Conference on Theoretical Ecology, Asilomar Conference Center, Pacific Grove, California, USA, 17-20 May 1987.
- Southwood participated but did not deliver a paper.
- Conference, participants, programme, 'Rationale', discussion papers (annotated by Southwood).
- H.64 Institution of Environmental Health Officers 94th Environmental Health Congress, Brighton, Sussex, 7-10 September 1987.
- Southwood, who was a Vice-President, chaired part of the Conference.
- Invitation, programme, brief correspondence.
- H.65 Royal College of Pathologists 25th Anniversary Banquet, London, 10 September 1987.
- Southwood proposed the toast to the College.
- Programme of event, participants, manuscript of Southwood's speech.
- H.66, H.67 Visit to New York and Cornell University, USA, 16 September - 4 October 1987.
- H.66 Correspondence with colleagues and staff at Cornell on Southwood's 'A.D. White Professor' visit, lecture topics, accommodation, other invitations, letters of thanks. Includes letter from Oxford University Press, New York about Southwood's visit there.
- See also E.123.
- H.67 Itinerary, 'Student-Faculty Contacts' at Cornell, information.
- H.68 'The Burning Issue' Conference, Wadham College Oxford, 16-20 December 1987.
- Southwood spoke at the conference.
- Correspondence, 'Agenda', sponsors.

Visits and conferences

- H.69-H.71 Visit to New York and Cornell University, USA, 11-29 September 1988.
- H.69 Correspondence 1987-1988 with colleagues and staff at Cornell on Southwood's 'A.D. White Professor' visit, lectures, colloquia, discussion groups, accommodation, other invitations. Includes some general discussion on affairs at Cornell, and at Oxford.
- See also E.132.
- H.70 Correspondence with OUP New York, on Southwood's visit on his way to Cornell, Southwood's report and correspondence arising.
- H.71 Correspondence 1988-1989 on Southwood's projected 'A.D. White Professor' visit 11-30 September 1989, which he was obliged to cancel because of pressure of commitments at Oxford.
- Includes a little continuing correspondence and letters of thanks 1990-1995.
- H.72 Visit to McGill University, Montreal, Canada, 5-8 November 1988.
- Southwood, who was accompanied by his wife, received an Honorary Degree at the Founder's Day Fall Convocation, 8 November, and delivered the Convocation Address.
- Correspondence 1988, invitation, arrangements, information, manuscript of Southwood's address, on 'The environment - yesterday, today and tomorrow'.
- H.73 Visit to Sweden, 28 December 1988.
- Southwood gave the Guest Lecture, on 'Environment and human disease - an evolutionary perspective', at the annual meeting of the Swedish Society for Developmental Biology at the Karolinska Institutet.
- Correspondence 1988, invitation, programme.
- H.74 Global Climate Change Conference (organised by Center for Environmental Research, Cornell University), New York, USA, 28 February - 3 March 1989.
- Southwood was in the 'Ecological effects group' of the conference.

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Visits and conferences

- /... Correspondence 1988-1989, invitation, arrangements, participants of 'ecological effects group', information, Southwood's manuscript notes of speeches and papers by others, drafts for statements or recommendations with manuscript additions or emendations by him.
- H.75 Visit to Georgia Southern College, Statesboro, Georgia, USA, 13-14 April 1989.
- Southwood gave the LeConte Lecture.
- Brief correspondence, travel schedule (combined with visits to North Carolina and National Academy of Sciences, Washington).
- See also E.136.
- H.76 126th Annual Meeting National Academy of Sciences, Washington D.C., USA, 23-26 April 1989.
- Southwood had been elected a Foreign Associate in 1988 and this was the occasion of the formal introduction.
- Programme, information. Includes notification of election 1988.
- See also A.134-A.137.
- H.76A Ciba Foundation Discussion Meeting on 'Biological Research after 1992', London, 7 June 1989.
- Southwood chaired the meeting and gave the introduction and concluding remarks (*Bibliog.* 173a).
- Programme, Southwood's manuscript notes for his introductory remarks and of papers given by others at the meeting, copy of Ciba *Bulletin* 24 in which a note of the meeting appeared.
- H.77 'Rainforest Dinner', with HRH The Prince of Wales, Highgrove House, 8 June 1989.
- Correspondence 1989, briefing statements, agenda, notes of discussions and future suggestions by Southwood and J. Porritt.

Visits and conferences

- H.78 Planet Earth Symposium, Paris, France, 12-13 June 1989.
- Southwood participated in Working Group VII 'Dynamics of ecosystems and living species: emergencies and sanctuaries', and in Panel 3 'Ecology and economy'.
- Invitation, programme, participants, Southwood's outline topics for working group, guidelines for working groups (ateliers) and panels (tables rondes), letter from Southwood reporting on meeting.
- H.79, H.80 Visit to Montpellier, France, 19-20 June 1989.
- Southwood was invited by Section 32 Comité National de la Recherche Scientifique (CNRS) to membership of the evaluating scientific committee for the CNRS Laboratory Centre d'Etudes Phytosociologiques et Ecologiques (CEPE) 'Louis Emberger' at Montpellier.
- H.79 Correspondence, arrangements, copy of committee's conclusions. Includes some continuing correspondence on *Acta Oecologica* (q.v.).
- H.80 Reports on CEPE.
- H.81 United Kingdom Atomic Energy Authority Conference on 'Medical response to effects of ionising radiation', London, 28-30 June 1989.
- Southwood chaired the session on 'Long-term effects - evidence for environmental causes'.
- Correspondence 1988-1989, programme.
- H.82 Departments of Plant Sciences and Zoology, Oxford and the Linnean Society of London, Symposium on 'Interactions between ants and plants', Oxford, 6-8 July 1989.
- Southwood spoke at the Symposium Dinner.
- Programme, participants, abstracts.

Visits and conferences

- H.83 Royal Society Discussion Meeting, on 'Regulation and relative abundance of plant and animal populations', London, 23-24 May 1990.
- The organisers were R.M. May and M.P. Hassell.
- Draft programme, invitation to Southwood to act as Chairman. His introductory remarks appeared in the published volume (*Bibliog.* 179).
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- H.84 Royal Society Discussion Meeting, on 'The Evolution of Reproductive Strategies', London, 17-18 October 1990.
- The organisers were Southwood, P.H. Harvey, Linda Partridge; T.H. Clutton-Brock had originally been included, but dropped out because of a conflict of dates.
- Correspondence 1989-1990 with colleagues and Royal Society, proposal and approval for conference, arrangements, invitations to speakers, programme, abstracts, participants, manuscript draft for Southwood's introductory remarks published in *Phil. Trans. B*, **332** (*Bibliog.* 185).
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- H.85 Aspen Institute Conference on 'Financing Environmental Reform in Eastern Europe', Berlin, Germany, 31 January - 2 February 1993.
- Invitation, participants, Southwood's manuscript notes of speeches and discussions.
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- H.86 Royal Society Discussion Meeting on 'Technology in the Third Millennium: the environment (Approaches to the handling and treatment of wastes)', London, 21-22 February 1990.
- The organisers, and editors of the published volume (Chapman & Hall 1992), were A.D. Bradshaw, Southwood and F. Warner.
- Brief correspondence only 1989-1990, with A.D. Bradshaw, draft of Southwood's concluding remarks (*Bibliog.* 187).
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- H.87 United Nations Environmental and Development - UK Committee (UNED-UK) Conference on 'Sustaining Developments since the Earth Summit', London, 27 November 1995.
- Correspondence only.

Visits and conferences

- H.88 Invitations to conferences, symposia, workshops etc declined 1977-1995.
- H.89 Southwood's 'Report on visit to Romania to review on behalf of British Council proposals for teaching Environmental Sciences 17-20 November 1993', brief correspondence.

SECTION J

ROYAL COMMISSION ON ENVIRONMENTAL POLLUTION

J.1-J.33

Southwood was a Commissioner on the Royal Commission on Environmental Pollution (RCEP) from July 1974 to 30 June 1981, and Chairman in succession to H.L. (Sir Hans) Kornberg from July 1981 to 31 December 1985, when he took up his appointment as Chairman of the National Radiological Protection Board (*q.v.*). His successor as Chairman was J. (Lord) Lewis.

The Secretary of the RCEP during Southwood's Chairmanship, with whom much of the correspondence is exchanged, was T.E. Radice.

The following major Reports were prepared and published during Southwood's Chairmanship:

Lead in the environment 1983

Tackling pollution - experience and prospects 1984

Managing waste - a duty of care 1985

In addition, several research projects were launched or in hand.

The material covers the period 1974-1996. Items J.6-J.32 are a sequence of general correspondence and papers, presented as far as possible in chronological order, conducted with officials, Commissioners, colleagues and others, dealing with all aspects of the Commission's activities. Attention is drawn in the individual entries to matters of specific interest.

A small group of committee papers relating to Southwood's Chairmanship, with briefings and annotations, is included at J.33.

Southwood's copies of official papers, minutes etc throughout this period were deposited at the Imperial College Centre for Environmental Technology (prior to 1981) and at the Environmental Change Unit, Oxford.

J.1-J.5 APPOINTMENTS AND PERSONAL

J.6-J.33 GENERAL CORRESPONDENCE AND PAPERS

Royal Commission on Environmental Pollution

J.1-J.5	APPOINTMENTS AND PERSONAL	1974-1988
J.1	<p>Correspondence 1974 on Southwood's appointment as Commissioner, and renewal 1978.</p> <p>Royal Warrant and correspondence 1981 on Southwood's appointment as Chairman. Includes Southwood's summary of his views on the independence, membership and staffing of the Commission.</p>	
J.2	Letters of congratulation on appointment.	
J.3	Correspondence with H.L. Kornberg (Southwood's predecessor as Chairman) 1981, 1983.	
J.4	Appointments, promotions of secretaries, scientific officers etc at RCEP and Department of the Environment 1981-1986.	
J.5	Correspondence with colleagues and officials on membership and appointments to RCEP. Includes membership lists, charts of service, biographical information 1981-1985, 1988.	
J.6-J.33	GENERAL CORRESPONDENCE AND PAPERS	1980-1996
J.6	<p>1980 (one letter only, on Cmnd. 7644).</p> <p>May 1981 - January 1982.</p>	
J.7	<p>November 1981 - January 1982.</p> <p>On 2, 4, 5-T.</p>	
J.8	Manuscript draft and notes for a lecture by Southwood on the work of the Commission, n.d. [early 1982].	

Royal Commission on Environmental Pollution

- J.9 July - September 1982.
- Residential meeting at Merton College Oxford, 6-8 September. Arrangements, information. The main purpose of the meeting was to discuss the form and content of RCEP's Ninth Report (Lead in the Environment).
- Letters of thanks received after meeting.
- J.10 Drafts, notes, comments for RCEP Report on lead. Various dates 1982-1983.
- J.11 Continuing correspondence and papers on lead 1983-1984. Includes press release on Ninth Report, press and official comment.
- J.12 September - October 1983.
- Previous, current and projected reports of RCEP, meetings, representations.
- J.13 November 1983.
- Includes drafts and revisions for concluding chapter of Tenth Report, topics for inclusion in Eleventh Report (on Waste).
- J.14 December 1983.
- Includes notes for meeting with Secretary of State (K. Baker) 1 December.
- J.15 January - February 1984.
- Includes draft press notice (revised by Southwood) for Tenth Report 'Tackling Pollution - Experience and Prospects', arrangements for press conference, early press reactions.
- J.16 March 1984.
- Mainly representations and suggestions for projects. Includes arrangements for visit to GLC Waste Management Facilities, 5 April 1984.

Royal Commission on Environmental Pollution

- J.17 Press reactions to Tenth Report 1984.
- J.18 April - September 1984.
Includes arrangements for visit to waste disposal sites in Essex, 5 July.
- J.19 Visit to West Midlands, 19-21 September 1984.
Arrangements, information, programme, press notice, Southwood's notes.
- J.20 October - December 1984.
Includes correspondence and arrangements for House of Lords debate on Tenth Report; meetings with members of Chinese Society of Environmental Scientists and with Royal Society of Canada's Commission on Lead in the Environment (in Toronto).
- J.21 February-March 1985.
Waste management, air pollution, possible visits to Germany and Brussels etc.
- J.22 April 1985
Papers and Southwood's notes for seminar 'A constitutional commission for Britain?' 3 April, Southwood's extensive notes on dustbin emptying in Germany (taken during visit), and other correspondence.
- J.23 May 1985.
- J.24 June 1985.
Various problems of waste management, letters on CBI Conference on 'Controlling Waste'.
See also H.48.

Royal Commission on Environmental Pollution

- J.25 July 1985.
- The Commission met at Oxford at the end of July but the visit is documented here only by a letter of thanks.
- J.26 August - October 1985.
- Includes Southwood's report to Departmental Chief Scientist (M.W. Holdgate) on review meeting at Oxford, arrangements for Southwood to address All-Party Parliamentary Group on Management. See also E.116.
- J.27 November - December 1985.
- Includes minutes of Commission's meeting of 5 December, the last under Southwood's Chairmanship; some press comments on Eleventh Report; draft for Southwood's speech on 'Lead in the Environment'. See H.49.
- J.28 Miscellaneous drafts and ideas for RCEP Eleventh Report on waste management.
- J.29 January-March 1986.
- Correspondence and comments on Eleventh Report. Includes ministerial letter of thanks.
- J.30 March-December 1986.
- Includes invitation (declined) to serve on UK Committee for European Year of the Environment.
- J.31 1987 (one letter only), February-October 1988.
- Includes note by Southwood on study of lead and swan mortality.

Royal Commission on Environmental Pollution

J.32

1989.

Includes correspondence on the future organisation of RCEP.

1993-1996.

Miscellaneous brief correspondence.

J.33

Agendas, chairman's briefings, comments on evidence, minutes annotated by Southwood etc. for RCEP meetings. Various dates April 1983-September 1985.

SECTION K

NATIONAL RADIOLOGICAL PROTECTION BOARD

K.1-K.19

Southwood was appointed Chairman (part-time) of the National Radiological Protection Board (NRPB), of which he had been a member since 1980, from 1 November 1985, in succession to F.S. (Lord) Dainton. The date was chosen to enable Southwood to complete his work as Chairman of the Royal Commission on Environmental Pollution (*q.v.*). His appointment expired in September 1993 but was extended for a further year, to 30 September 1994. His successor was Sir Keith Peters. The Directors of the NRPB during Southwood's Chairmanship were H.J. Dunster and R.H. Clarke.

Prior to 1986 there had been a measure of antagonism to 'Green' organisations at the NRPB, while those organisations were suspicious of NRPB's objectivity. See especially K.5. Southwood established an 'Environmental Issues Panel', to which were invited Friends of the Earth, Greenpeace International and other relevant organisations with a more professional basis (e.g. the Faculty of Occupational Health of the Royal College of Physicians, the British Ecological Society, The Institute of Biology, and the Institute of Environmental Health Officers). Initially the annual meetings were held at Imperial College as 'neutral' academic ground, but later were held at the Board.

The 'Green organisations' were especially concerned about the effect of low level radiations and planned a major 'International conference on the Biological Effects of Ionising Radiation', to be held at Hammersmith Hospital London 24-25 November 1986. Southwood agreed to be Chairman, and the Conference Organiser was R. Russell Jones of Friends of the Earth, who edited the proceedings in collaboration with Southwood. The volume was published in 1987 by John Wiley under the title *Radiation and Health* and includes Southwood's opening and concluding remarks. Material relating to this conference, including preliminary setting-up information, correspondence with colleagues and participants preceding and following the meeting, Southwood's notes, publication arrangements and the like, was kept by Southwood together with his papers on NRPB and has therefore been kept as an entity here at K.5-K.9.

Southwood attended many other conferences and discussion meetings on environmental concerns, both during and following his service with NRPB. These will be found at the appropriate date in sections E and H.

The material covers the period 1984-1995 and is presented as far as possible in a chronological sequence of correspondence and papers. It is conducted with officials, members of the Board or of other relevant committees and boards, and colleagues. It deals with many aspects of the Board's activities: appointments and renewals of membership; specific research projects launched or in hand; arrangements for meetings, notes of discussions etc. Attention is drawn in the individual entries to matters of specific interest.

National Radiological Protection Board

- K.1 August 1984 - November 1985.
- Invitation to serve as Chairman, from Secretary of State for Social Services (N. Fowler), Department of Health and Social Security, negotiations with Oxford University.
- K.2 November 1984 - November 1985
- General correspondence on organisation and membership; includes draft of NRPB's Corporate Plan 1985-1989.
- K.3 March - November 1986
- Includes arrangements for collaborative study by Imperial Cancer Research Fund (ICRF) Cancer Epidemiology and Clinical Trials Unit on matters of radiation epidemiology.
- K.4 August 1986 - March 1987
- Correspondence and papers exchanged principally with W. (Lord) Marshall on proposals for the organisation of regulatory bodies, and on research on low level radiation.
- K.5-K.9 International Conference on the Biological Effects of Ionising Radiation, organised by Friends of the Earth and Greenpeace International and held at Hammersmith Hospital London 24-25 November 1986.
- Southwood agreed to be Conference Chairman. The organiser, and co-editor with Southwood of the conference volume, was R. Russell Jones. The published volume, *Radiation and Health*, John Wiley 1987, included Southwood's opening and concluding remarks (*Bibliog.* 157).
- K.5 Correspondence March - May 1986 with Russell Jones after letters to the Press by the latter attacking NRPB and its officers. Includes reference to establishment of environmental issues panel, and to Southwood's chairmanship of the conference.
- K.6 Information, programme, press release, abstracts.
- Southwood's manuscript notes of papers given at meeting.

National Radiological Protection Board

- K.7 Correspondence with colleagues and organiser, arrangements, draft and amended programme, invitations to speakers, letters of thanks. Includes drafts of Southwood's opening and concluding remarks with comments by Russell Jones.
- K.8 Continuing correspondence, drafts, comments etc on Southwood's opening and concluding conference remarks, contributed to published volume *Radiation and Health*, 1987.
- K.9 Correspondence, drafts etc., on other contributions to the published volume.
- K.10 December 1986 - May 1987.

General correspondence, including research on radon, report on cancer incidence near nuclear installations.
- K.11 June - December 1987.

General correspondence, membership, resignations, research on childhood leukaemia, article on 'Who's Who on the Board'.
- K.12 March - October 1988.

Leukaemia research funding.
- K.13 Visit by Board members to British Nuclear Fuels, Sellafield, 10-11 July 1989.

Programmes, arrangements, participants, Southwood's notes.
- K.14 June - November 1990.

Radon research funding.
- K.15 1991.

Includes Southwood's Christmas message to NRPB staff.

National Radiological Protection Board

K.16 1992.

K.17 1993.

General correspondence, including membership and appointments (Southwood's Chairmanship was extended for a year, to September 1994, see letter of 8 October), waste disposal, Greenpeace, RADTEST, Armenian Nuclear Power Plant, etc.

Includes correspondence with R. Russell Jones on his film on ozone depletion, with comments by Southwood on the draft script.

K.18 1994-1995.

Appointments, radon research.

Includes ministerial letter of thanks from Secretary of State for Health (V. Bottomley).

K.19 1996.

Prior options.