



British Geological Survey

A Catalogue of Archive Material Associated with John Milne



British Geological Survey
Murchison House
West Mains Road
Edinburgh EH9 3LA
Scotland

Tel: 0131-667-1000
Fax: 0131-667-1877
Internet: <http://www.gsr.org.nmh.ac.uk/>

FRONT COVER DESCRIPTION

Photo of John Milne taken from a glass negative in the ATJ Dollar collection, held in the NSA

BRITISH GEOLOGICAL SURVEY

Global Seismology & Geomagnetism Group

TECHNICAL REPORT WL/99/14

**A CATALOGUE OF ARCHIVE MATERIAL
ASSOCIATED WITH JOHN MILNE, F.R.S.**

J.H. Lovell

March 1999

**Copyright is reserved for the contents of this report,
no part of which may be reproduced without
permission from the Director of the British Geological
Survey.**

**Global Seismology & Geomagnetism Group
British Geological Survey
Murchison House
West Mains Road
Edinburgh EH9 3LA
Scotland, UK**

Tel: 0131-667-1000

Fax: 0131-667-1877

Internet: <http://www.gserg.nmh.ac.uk/>

© NERC 1999

CONTENTS

Abstract.....	1
1. Introduction.....	1
2. Locations of Milne archive material.....	1
2.1 Carisbrooke Castle Museum.....	2
2.2 Isle of Wight County Record Office	2
2.3 Lord Louis Library.....	2
2.4 Private collections of Messrs. L. Herbert-Gustar and P.A. Nott.....	3
2.5 The Science Museum	3
2.6 The National Seismological Archive, British Geological Survey.....	3
3. Acknowledgements.....	4
4. References.....	5

Table 1. Summary of results

Appendix 1: Carisbrooke Castle Museum Holdings of John Milne Material

Appendix 2: Isle of Wight County Record Office Holdings of John Milne

Material

Appendix 3: Lord Louis Library Holdings of John Milne Material

Appendix 4: Private Collections of Milne Lantern Slides

A CATALOGUE OF ARCHIVE MATERIAL ASSOCIATED WITH JOHN MILNE, F.R.S.

Abstract

A search has been made for archive material associated with John Milne. His archives are dispersed throughout the UK, and have been augmented by additional collections from later workers. A catalogue has been made of these surviving archives, and is presented as a guide to researchers, in the hope of stimulating interest in Milne and finding hitherto unknown material.

1. Introduction

After his return to England from Japan in 1895, John Milne operated a seismograph station and conducted many other seismological experiments at his home, Shide Hill House, and elsewhere on the Isle of Wight. After his death in 1913, Milne's assistants managed the Shide observatory until 1918, and in 1919 operations were finally transferred to Oxford University under the supervision of Prof. H.H. Turner. Milne's property was auctioned in September 1919, and his library was eventually housed in the Science Museum, London, where a listing was made. Burton & Neilson's (1978) catalogue of some of this library material augmented the Science Museum listing.

Much of Milne's photographic and paper material has found its way into various collections on the Isle of Wight. A short visit was made by the author in order to assess and catalogue as far as possible these archives. The findings have been assembled into a report, which will provide a basic catalogue of surviving and accessible Milne material on the Island, and draw attention to Milne archive material available elsewhere.

Several finds of considerable scientific and historical interest were made amongst the material examined, and are discussed in the text below. They have also been marked with an asterisk in the Appendices.

The National Seismological Archive (NSA), maintained by the British Geological Survey, is the United Kingdom national repository for seismologically related material, and is described more fully in Section 2.6. NSA studies are being undertaken of the history of seismology in the UK, for example Lovell & Henni (1998) in order to improve understanding of the historical data available, and in the hope of discovering lost archival material. This report on surviving Milne material is presented as part of this initiative.

2. Locations of Milne archive material

The results of the search are discussed below, and summarised in Table 1. Where possible, fuller catalogues are given as Appendices to this Report.

2.1 Carisbrooke Castle Museum

Three boxes of Milne documents and associated material, and a large collection of glass negatives are held here.

The 2700 black and white glass negatives of various sizes are all consecutively numbered and archived into protective plastic wallets, and stored in a dark room. They have come from different sources; some are undoubtedly Milne's work, some the work of his assistant, Hirota, and of others associated with Milne on the Island like W.H. Bullock (himself a fine photographer in his own right) and possibly J.H. Burgess. A wide variety of subjects is represented, and includes Milne's travels, his work in Japan and Shide, visitors to Shide, land- and sea-scapes and natural history, earthquake damage, seismograms, and lecture notes and published material. These slides represent a collection of considerable historical and scientific importance and interest, and funding is being sought so that they can be copied and catalogued, and this archive thus made fully available to researchers. Two hundred of the glass negatives were catalogued by the author in the time available.

Two archive boxes containing a model of a Milne seismograph donated by E.W. Pollard (a colleague of Milne's and amateur seismologist) and various papers of Milne's, including some seismograms, are also held in the Museum, and have been catalogued by Mr. P.A. Nott.

A further box of papers donated by the descendants of E.W. Pollard contains chiefly scientific articles by him together with some correspondence, and his station log book which was used also as a scrapbook for press cuttings. This material has been listed by Mr. P.A. Nott.

The Carisbrooke Castle Museum holding of Milne archival material is presented in Appendix 1.

2.2 Isle of Wight County Record Office

Four archive boxes of Milne papers are held here, and contain chiefly scientific correspondence, biographical articles, press cuttings, paper proofs, reprints and a large number of original manuscripts and notebooks. Some of this material also post-dates Milne's death, and came from either E.W. Pollard or W.H. Bullock, both of whom were influenced by Milne's work on the Island and who carried out their own seismological work until the 1950s.

A find of considerable seismological interest here was the second seismogram so far known to survive from the Oxford Observatory (1918-1947) – that for the great Kanto event in Japan, on 1st September 1923, and one of this century's most devastating earthquakes. The County Record Office holdings are catalogued by the author in Appendix 2.

2.3 Lord Louis Library

Although no original Milne papers held, some biographical works on Milne and references to him in other publications are held here, and are detailed in Appendix 3.

2.4 Private collections of Messrs. L. Herbert-Gustar and P.A. Nott

Together, these authors have written numerous biographical works on John Milne and his work in Japan and at Shide, and thus possess an unrivalled knowledge of Milne's life. Through their interest in the Island's history and contacts in the Japanese Embassy in London, they have maintained links with Japan where there is still great interest in Milne. They were also instrumental in the arrangement of a visit to the Island in 1974 by the Japanese Ambassador, who unveiled commemorative plaques and planted trees as a tribute to Milne.

Both have accumulated papers, interview tapes, and other material associated with Milne, including a collection of over 300 glass lantern slides. The majority of these slides are hand tinted, and show predominantly Japanese scenes, but many represent Milne's seismological and other interests. Some are the work of Milne's assistant, Hirota, and are designated 'H' in the Appendix. Many have been used as book and paper illustrations. Amongst these slides were found the only known photographs of damage due to the magnitude 5.2 ML Hereford earthquake of 17 December 1896 and its foreshocks. These photos were taken by Alfred Watkins, a celebrated Hereford photographic pioneer, who also contributed to a macroseismic survey of the event's effects (the Watkins photographic collection is housed in the Hereford Library). Mr. Nott has the original set of drawings of the Milne seismograph by its manufacturer, R.W. Munro of London, detailing many of the modifications made to the instrument, and Mr. Herbert-Gustar has a copy of the Shide visitor's book.

Appendix 4 is a précis of Messrs. Herbert-Gustar and Nott's slide catalogue. Their collections must be regarded as private, but both have indicated that they will willingly share their knowledge with those interested, and have enthusiastically collaborated with the author in this work.

2.5 The Science Museum

The John Milne Library was moved to the Science Museum via Imperial College after the British Association moved out of Down House, Kent, in 1953. It includes most of Milne's works on a very wide range of subjects, and his copies of the works of many of his contemporaries. The Shide Visitor's Book and Milne's album of photographs from many seismograph stations worldwide are also held, as well as the display collection of seismographs.

Recently, owing to building works, the John Milne Library was stored outside London and was temporarily inaccessible. With the completion of the works, the Milne Library has now been reinstated and the Science Museum intends to make a full catalogue. The former Science Museum listing (around 100 pages in length and too long to reproduce here) was augmented in certain areas by Burton & Neilson's (1978) catalogue, but the new cataloguing will make all previous work obsolete.

2.6 The National Seismological Archive, British Geological Survey

The National Seismological Archive (NSA) is maintained by the British Geological Survey (BGS) in Edinburgh. It is supported by a group of organisations under the chairmanship of the Department of the Environment, Transport and the Regions (DETR), (formerly the Department of the Environment (DoE)), with major financial input from the Natural Environment Research Council (NERC). It houses a very large collection of seismological material including observatory bulletins, seismograms,

paper references and books, all of which are available for consultation. Links to material held in the NSA are provided on the Seismology Web Pages at: <http://www.gsrg.nmh.ac.uk/hazard/nsahome.htm>

Many of Milne's works are held, together with most other recent works dealing with his life. In addition, the Archive contains a copy of Milne's Visitors Book, from which an abstract of known scientific visitors to Shide has been made (Lovell 1999). About 120 glass negatives attributable to the Milne era between 1875 and 1895 in Japan and his time at Shide between 1895 and 1913 are held too. It is hoped that funding for their digitisation and publication will become available, but because of their nature they will not be handled unnecessarily at the moment. Many other lantern slides dating from the Milne period and some later lecture-type material are held; they represent the collections of Prof H.H. Turner of Oxford and Dr A.T.J. Dollar of Cambridge with some additional material from Dr G. Tyrrell of Glasgow University. They show chiefly illustrative and lecture material although some seismological images undoubtedly originating from Milne are also present.

Location	Address	Material held	Appendix
Carisbrooke Castle Museum	Carisbrooke, IoW PO30 1XY	glass negatives, books, papers, model seismograph, seismograms	Appendix 1
County Record Office	26 Hillside, Newport, IoW PO30 2EB	correspondence, manuscripts, notebooks, reprints, seismograms	Appendix 2
Lord Louis Library	Orchard Street, Newport, IoW PO30 1LL	reference books	Appendix 3
Mr. L. Herbert-Gustar	4 Glebe Gardens, Wootton Bridge, IoW PO33 4QG	glass slides, papers, tapes, technical drawings, Shide visitor's book	Appendix 4
Mr. P. Nott	21 Solent Court, The Esplanade, Ryde, IoW PO33 2AL		
Science Museum	Exhibition Road, South Kensington, London SW7 2DD	The Milne Library, Shide Visitors' Book, album of station photographs	Currently being catalogued
National Seismological Archive	British Geological Survey, West Mains Road, Edinburgh EH9 3LA	Books, papers, seismograms, glass negatives and lantern slides	Available at GSGG Web Site (see section 2.6)

Table 1. Summary of results

3. Acknowledgements

For hospitality and facilities during his visit to the Island the author is indebted to: Ms. R. Cooper, Curator of the Carisbrooke Castle Museum, and her staff; to Mr. R. Smout, County Archivist, and his staff at the County Record Office; to the staff of the

Lord Louis Library, with whom correspondence was chiefly by E-mail; and to Messrs. L. Herbert-Gustar and P. Nott, whose enthusiasm and knowledge have kept Milne's memory very much alive on the Island.

The continuing study of archival material is supported by a DETR-led Customer Group. This report is published with the permission of the Director of the British Geological Survey (NERC).

4. References

Burton, P.W & G. Neilson, 1978. Historical Seismological Archives: 1. The Milne Library, *Institute of Geological Sciences, Geophysical Division, Global Seismology Unit Report No.100*.

Lovell, J.H, 1999. Scientific Visitors to John Milne's Observatory at Shide, Isle of Wight, *Brit. Geol. Survey, Technical Report WL/99/17, Global Seismology Series*.

Lovell, J.H. & Henni, P.H.O., 1998. UK Historical Seismological Observatories (pre-1970), *British Geological Survey, Global Seismology and Geomagnetism Group, Technical Report WL/98/11*.

APPENDIX 1: CARISBROOKE CASTLE MUSEUM HOLDINGS OF JOHN MILNE MATERIAL

<u>REF NO</u>	<u>NUMBER</u>	<u>DESCRIPTION</u>
BOX 271		Incomplete model of a Milne Horizontal Seismograph (used in an exhibition at Castle 1950 - given by E.W. Pollard)
NETCC 1985.4753/	1	Vertical mast for seismograph
NETCC 1985.4753/	2	Wooden box representing housing for recording drum
NETCC 1985.4753/	3	Mirror on base
NETCC 1985.4753/	4	Adapted oil cycle lamp as light source.
NETCC 1985.4753/	5	Stops for beam.
NETCC 1985.4753/	6	Base-plate for the model.
NETCC 1985.4753/	7	Electrodes (for crystal wireless set ?)
NETCC 1985.4753/	8	Electrolytic points with gold contacts
NETCC 1985.4753/	9	Simple diagram of the seismograph.
NETCC 1985.4753/	10	Notes explaining how seismograph works.
BOX 272		Journals etc. belonging or related to John Milne
NETCC 1985.4753/	11	Water colour showing scene from Iceland visit 1871 intended as cover for the account of his trip (see Record Office), painted by Milne.
NETCC 1985.4753/	12	Water colour of geysers from Iceland visit of 1871 painted by Milne.
NETCC 1985.4753/	13	Seismogram numbered 7, and dated 1897-02-20.
NETCC 1985.4753/	14	Seismogram numbered 11.
NETCC 1985.4753/	15	Print of seismogram dated 1916-08-06, Chilean earthquake (post Milne)
NETCC 1985.4753/	16	Torn page (2 parts) from London Illustrated News 18 August 1934 "Waterfalls of Iceland".
NETCC 1985.4753/		Transactions of the Seismological Society of Japan. Published Japan Mail Yokohama
NETCC 1985.4753/	17	Vol 1 Parts I & II Apr/June 1880
NETCC 1985.4753/	18	" Vol II Jul/Dec 1880
NETCC 1985.4753/	19	" Vol III Jan/Dec 1881
NETCC 1985.4753/	20	" Vol IV Jan/June 1882
NETCC 1985.4753/	21	" Vol V May/Dec 1882
NETCC 1985.4753/	22	" Vol VI Jan/June 1883
NETCC 1985.4753/	23	" Vol VII 1883-1884 Part I
NETCC 1985.4753/	24	" " 1884 Part 2
NETCC 1985.4753/	25	" Vol IX 1886 Part 1
NETCC 1985.4753/	26	" Vol X 1887
NETCC 1985.4753/	27	" Vol XI 1887
NETCC 1985.4753/	28	" Vol XII 1888 Fire damaged poor condition (assumed from Milne's 1895 fire in Japan) includes index card for volumes 1-12 and flyer advertising volume V.
NETCC 1985.4753/	29	" Vol XIII 1889 Part 1
NETCC 1985.4753/	30	" Vol XIII 1890 Part 2
NETCC 1985.4753/	31	" Vol XV 1890
NETCC 1985.4753/	32	" Vol XVI 1892
NETCC 1985.4753/		Seismological Journal of Japan, Japan Mail, Yokohama Editor J Milne.
NETCC 1985.4753/	33	Vol I 1893
NETCC 1985.4753/	34	" Vol IV 1895
NETCC 1985.4753/	35	Construction in Earthquake Countries. Very badly fire damaged (assumed salvaged from Milne's Tokyo fire).

APPENDIX 1: CARISBROOKE CASTLE MUSEUM HOLDINGS OF JOHN MILNE MATERIAL

REF NO	NUMBER	DESCRIPTION
NETCC 1985.4753/	36	Book 'Modern Seismology' by G.W. Walker 1913. W.H. Bullock's signature inside front cover. Alternatives to vertical seismograph drawn in pencil inside back cover and dated 1916 (post Milne). Contains also NS component of Zikawei seismogram of earthquake 17:22, 5 June 1913 used as bookmark.
NETCC 1985.4753/	37	A catalogue of Destructive earthquakes AD 7 - 1899. Prepared by J Milne for British Ass Meeting in 1911 at Portsmouth.
NETCC 1985.4753/	38	Radiation charts for the time signal transmitted from the Eiffel Tower, Paris.
NETCC 1985.4753/	39	Collection of Seismograms:-
NETCC 1985.4753/		19 Jan 1901, 16:30, - Victoria BC (two copies)
NETCC 1985.4753/		29 Dec 1897 Toronto ~ 6-7am.
NETCC 1985.4753/		3/4 Sept 1899, 11.50pm, Shide station -shows boom caught on eclipse plate of watch.
NETCC 1985.4753/		24 Nov 1900, 8am, Shide
NETCC 1985.4753/		5 June 1899, 15:30, Mauritius earthquake.
NETCC 1985.4753/		23 Feb 1899 Calcutta earthquake.
NETCC 1985.4753/		24 Jan 1899 11:50 GMT, Mexican Earthquake (Toronto)
NETCC 1985.4753/		3/4 Sept 1899, 00:30GMT & 04:48GMT (Toronto)
NETCC 1985.4753/		13 Sept 1898, 06:21 GMT, Toronto station.
NETCC 1985.4753/		29 June 1890 at Shide Station, duration 3 hours
NETCC 1985.4753/		24 July 1901, 19:30, Edinburgh station.
NETCC 1985.4753/		April 6 1901, 23:30, Bidston.
NETCC 1985.4753/		7 Oct 1901 Victoria BC of Nicaraguan earthquake.
NETCC 1985.4753/		4 Sept, no year, 01:00hrs, copy Cape of Good Hope seismogram lent by Shide who requested its return.
NETCC 1985.4753/		Tokio July 19 1891, from Duplex pendulum (probably Ewing) (copy) used as Fig 5 - Japanese writing on slide
NETCC 1985.4753/		14 June 1899, 11:08, Shide Station, tracing
NETCC 1985.4753/		24 June 1901 07:18 Royal Obs, Edinburgh, tracing
NEGATIVES		Collection of 2700 Black and white glass negatives, numbered and in protective envelopes; only 200 catalogue
N1986.1-182	1	Church interior.
N1986.1-182	2	Flower.
N1986.1-182	3	Seismogram, unidentified.
N1986.1-182	4	Figure 'Origin of earthquakes recorded by the 'Discovery', 1902-03', - world map.
N1986.1-182	5	Time Curves for Guatemala earthquake, April 19 1902, 02:22pm.
N1986.1-182	6	"Movements of Depressions" - European meteorological map
N1986.1-182	7	Duplicate of 5.
N1986.1-182	8	Duplicate of 4.
N1986.1-182	9	Duplicate of 4.
N1986.1-182	10	Horizontal Pendulum movement at Edinburgh, Bidston & Shide in relation to barometric gradients, 1901 (diagram).
N1986.1-182	11	Diagram 'Pendulum written at Shide & Edinburgh'.
N1986.1-182	12	Isoseists for certain 'Discovery' records.
N1986.1-182	13	Seismogram, unidentified.
N1986.1-182	14	Shide Seismogram Jan 31 1906, Duration - 5 hours, 5m, 21 secs.
N1986.1-182	15	'The large earthquakes of 1900' world map.
N1986.1-182	16	Pendulum movements at Shide.
N1986.1-182	17	? Mrs Milne.
N1986.1-182	18	Four Japanese gentlemen (? Milne's Students).

APPENDIX 1: CARISBROOKE CASTLE MUSEUM HOLDINGS OF JOHN MILNE MATERIAL

<u>REF NO</u>	<u>NUMBER</u>	<u>DESCRIPTION</u>
N1986.1-182	19	Trees, very poor quality.
N1986.1-182	20	Flowers on plant in pot (very pretty), looks like daisies.
N1986.1-182	21	" " " "
N1986.1-182	22	Bunch of grapes on vine.
N1986.1-182	23	Daisies in pot.
N1986.1-182	24	Daisies in pot.
N1986.1-182	25	Tree.
N1986.1-182	26	Seascape.
N1986.1-182	27	Two figures + ? donkey against low trees - ? Japan, very blurred.
N1986.1-182	28	Loaded donkeys against trees.
N1986.1-182	29	Dock with steamers and high rise buildings.
N1986.1-182	30	Japanese + 1 bearded British man at tea/sake ceremony.
N1986.1-182	31	Distant view of coast.
N1986.1-182	32	Woman (Western).
N1986.1-182	33	Woman (Western) with collie against trees.
N1986.1-182	34	Family group outside house.
N1986.1-182	35	Woman (duplicate of 32).
N1986.1-182	36	Woman & collie.
N1986.1-182	37	Woman & collie.
N1986.1-182	38	Man outside house as in 35.
N1986.1-182	39	Woman as in 38.
N1986.1-182	40	Woman
N1986.1-182	41	Group of men with builders' tools, scaffold in background (building at Shide?).
N1986.1-182	42	Woman & little girl outside house as in 35.
N1986.1-182	43	Man as in 35.
N1986.1-182	44	Map of Vinland.
N1986.1-182	45	Chart of world according to Icelandic mss - book page.
N1986.1-182	46	" "
N1986.1-182	47	Chart exhibiting tracks of the Northern Navigators.
N1986.1-182	48	? An eclipse of moon.
N1986.1-182	49	Inscriptions of the Assonet Rock.
N1986.1-182	50	"A bill, the Seismograph Act 1911", Bermuda.
N1986.1-182	51	Shide chart for pendulum - poor quality.
N1986.1-182	52	Eclipse.
N1986.1-182	53	Shide pendulum chart - poor quality.
N1986.1-182	54	Duplicate of 50.
N1986.1-182	55	Two ladies with fez-like white hats - ? A national dress.
N1986.1-182	56	Harbour scene with floating bridge.
N1986.1-182	57	Setting sun.
N1986.1-182	58	Seascape.
N1986.1-182	59	Paddy fields?
N1986.1-182	60	Japanese temple.
N1986.1-182	61	Trees.

APPENDIX 1: CARISBROOKE CASTLE MUSEUM HOLDINGS OF JOHN MILNE MATERIAL

<u>REF NO</u>	<u>NUMBER</u>	<u>DESCRIPTION</u>
N1986.1-182	62	Woman with hat as in 55.
N1986.1-182	63	Japanese family.
N1986.1-182	64	City & Harbour scene, ? Japan.
N1986.1-182	65	Japanese youth at writing desk.
N1986.1-182	66	Japanese garden with storks.
N1986.1-182	67	Japanese courtyard, & man and woman.
N1986.1-182	68	Loaded donkeys.
N1986.1-182	69	Trees.
N1986.1-182	70	Duckpond, probably Japan.
N1986.1-182	71	Slide titled 'Narihira contemplating Fuji-San'.
N1986.1-182	72	Seismogram, unidentified.
N1986.1-182	73	Seismogram, unidentified.
N1986.1-182	74	Citadel, Cairo, and Arab school.
N1986.1-182	75	Mountains, unidentified but probably Himalayas.
N1986.1-182	76	Geological Survey India pics of Mechoi Glacier and Sonamarg moraines, slide or book illustration.
N1986.1-182	77	Geol.Surv. India, Gorge of the Zoji La.
N1986.1-182	78	Geol.Surv. India, views up Shokdar Valley, & Sind Valley.
N1986.1-182	89	? Ice floes.
N1986.1-182	80	Glacier and river.
N1986.1-182	81	Tree reflected in pool.
N1986.1-182	82	Duckpond, people at end of building with weather vane (not UK).
N1986.1-182	83	Ornate Country House.
N1986.1-182	84	Wooden rustic bridge ?Japan.
N1986.1-182	85	Man with sieve in garden.
N1986.1-182	86	Woman with cows and chickens.
N1986.1-182	87*	Woman by garden gate (? Milne's mother).
N1986.1-182	88*	Japanese woman (? Milne's wife).
N1986.1-182	89	Old Japanese woman and 2 girls.
N1986.1-182	90	Garden and storks, Japan.
N1986.1-182	91	Two girls as in 87, man and youth, Japan.
N1986.1-182	92	Japan, city and harbour view.
N1986.1-182	93	Japanese couple.
N1986.1-182	94	Tree.
N1986.1-182	95	High brick wall or building with view through arches.
N1986.1-182	96	High brick wall or building with view through arches.
N1986.1-182	97	Tree, similar to 94.
N1986.1-182	98	Japanese youth with book.
N1986.1-182	99	Tree, similar to 94.
N1986.1-182	100*	Small town ?Newport taken from Shide Hill.
N1986.1-182	101	Ecclesiastical archway, poor quality.
N1986.1-182	102	People on lawn, not Shide.
N1986.1-182	103	Ornate arched door in church or ? castle.
N1986.1-182	104	Destructive earthquakes graphs.

APPENDIX 1: CARISBROOKE CASTLE MUSEUM HOLDINGS OF JOHN MILNE MATERIAL

<u>REF NO</u>	<u>NUMBER</u>	<u>DESCRIPTION</u>
N1986.1-182	105	?Seismogram with many air tremors & spots.
N1986.1-182	106	?Seismogram with many air tremors & spots.
N1986.1-182	107	Outline maps of America & Africa ?early plot of Atlantic opening?.
N1986.1-182	108	Seismogram, Alipore, Jan 3/4th ~ 11:30, no year.
N1986.1-182	109	? Seismogram, similar to 105 & 106, with earthquakes as spots, 28 Sept 1906 at 18:15, & 29 Sept 1906 at 00:16.
N1986.1-182	110	? Seismogram, similar to 105 & 106, with earthquakes as spots, 28 Sept 1906 at 18:15, & 29 Sept 1906 at 00:16.
N1986.1-182	111	Seismogram, Lima Sept 2 1907.
N1986.1-182	112	Seismogram with earthquakes as spots, Sept 28/29 1906, probably as in 109.
N1986.1-182	113	Seismogram of Jamaica earthquake recorded at Toronto, Jan 14 1907, 20:00.
N1986.1-182	114	Shide seismogram of Valparaiso earthquake Aug 17, 1906 00:20.
N1986.1-182	115	Seismogram Toronto Jan 14 1907 20:00 - Duplicate of 113.
N1986.1-182	116	Seismogram from Shide of Jamaica earthquake Jan 14, 1907.
N1986.1-182	117	Seismogram from Shide of Jamaica earthquake Jan 14, 1907 (nice pic)
N1986.1-182	118	Seismograms of Aug 17, 1906 ?Iran earthquake at Paisley and 2 other stations,
N1986.1-182	119	Diagram of N & S hemispheres, in Japanese.
N1986.1-182	120	Diagram of N & S hemispheres, in Japanese.
N1986.1-182	121	Megaseisms (Milne & Hirota) 1889-1909 (a yearly bar chart).
N1986.1-182	122	Unidentified waterfall.
N1986.1-182	123	Japanese family group in ornamental garden.
N1986.1-182	124	Trees in wood (? cherry trees).
N1986.1-182	125	Japanese ornamental garden.
N1986.1-182	126	Japanese ornamental garden.
N1986.1-182	127	Woodland Path.
N1986.1-182	128	Pond in ornamental garden.
N1986.1-182	129	Tree fungus/bark or ?gold nugget ??unidentifiable in negative
N1986.1-182	130	Duplicate of 129.
N1986.1-182	131	? Field party on ferry crossing a river.
N1986.1-182	132	Island with summer houses in lake.
N1986.1-182	133	Garden in Japan, with Japanese and British men.
N1986.1-182	134	Blank slide.
N1986.1-182	135	Swollen river with debris.
N1986.1-182	136	Setting sun.
N1986.1-182	137	River, swollen.
N1986.1-182	138	Flower, bit faded.
N1986.1-182	139	Woodland, very faded.
N1986.1-182	140	Plant in pot.
N1986.1-182	141	Plant in pot.
N1986.1-182	142	Track & horse & cart, very faded.
N1986.1-182	143	? Earthquake damage - bulging brick wall on stone course.
N1986.1-182	144	Man with horse & cart on track, very faded.
N1986.1-182	145	Japanese woman.
N1986.1-182	146	Flower.
N1986.1-182	147	Japanese woman or youth, same as in 145.

APPENDIX 1: CARISBROOKE CASTLE MUSEUM HOLDINGS OF JOHN MILNE MATERIAL

<u>REF NO</u>	<u>NUMBER</u>	<u>DESCRIPTION</u>
N1986.1-182	148	Japanese woman with book.
N1986.1-182	149	Flower as 146.
N1986.1-182	150	Japanese woman with book.
N1986.1-182	151	Japanese woman with book.
N1986.1-182	152	Flowers in pot.
N1986.1-182	153	Plant in pot as 140 & 141.
N1986.1-182	154	Japanese people in garden.
N1986.1-182	155	View of Carisbrooke Castle from behind trees, ?taken from Shide.
N1986.1-182	156	View of a port from ship.
N1986.1-182	157	Harbour scene from ship.
N1986.1-182	158	Large steamer in dock.
N1986.1-182	159	View of harbour, as 156 & 157.
N1986.1-182	160	View of harbour as 156 & 157, and many sea birds.
N1986.1-182	161	Large steamers and same harbour as 156 & 157.
N1986.1-182	162	Statue on waterfront.
N1986.1-182	163	Activity at side of large steamer 'China'.
N1986.1-182	164	Waterway.
N1986.1-182	165	Steamer.
N1986.1-182	166	Steamer.
N1986.1-182	167	Dockside with passing steamer.
N1986.1-182	168	Little girl ? Japanese.
N1986.1-182	169	Duplicate of 168.
		ALL ABOVE SLIDES APPROX 4.25 x 3.5".
		NUMBER 170 ON - 5 x 4".
N1986.1-182	170	Milne, wife & ?Galitzin at Shide.
N1986.1-182	171	Milne & ?unidentified man at Shide.
N1986.1-182	172	Milne, wife & ?Japanese couple at Shide.
N1986.1-182	173	Milne & 2 others at Shide, faded.
N1986.1-182	174	Bearded gent in top hat, reclining in deck chair at Shide - this may be Harboe of Copenhagen.
N1986.1-182	175	? Local Parish Church where Milne buried.
N1986.1-182	176	Seascape with sailing ships.
N1986.1-182	177	Busy harbour, loW or mainland.
N1986.1-182	178	Busy harbour, loW or mainland.
N1986.1-182	179	Ornate wrought iron gateway - ?gatehouse to large house, perhaps Osborne House.
N1986.1-182	180	Two ladies (British).
N1986.1-182	181	Ruined walls - ? Carisbrooke Castle.
N1986.1-182	182	Woman, seated, younger of the two in 180, same location.
		SLIDES 6.5 x 5" NOW
N1986.1-182	183	Japanese couple - ? Toné's parents.
N1986.1-182	184	Japanese woman - Toné?
N1986.1-182	185	Japanese man - ?Toné's father.
N1986.1-182	186	Japanese man ? a monk.
N1986.1-182	187	Japanese captain & crew on ship's bridge.

APPENDIX 1: CARISBROOKE CASTLE MUSEUM HOLDINGS OF JOHN MILNE MATERIAL

REF NO	NUMBER	DESCRIPTION
N1986.1-182	188	3 Japanese - ?Toné, mother and youth.
N1986.1-182	189	Same people as in 188, Toné, mother and ? youth.
N1986.1-182	190	Japanese family group - note Milne's boots on step.
N1986.1-182	191	2 Japanese ladies - ? Toné & mother?
N1986.1-182	192	Crew and officers on bridge of 'Iyo Maru' (Tokio) same location as 187.
N1986.1-182	193	Japanese man - ?Toné's father.
N1986.1-182	194	Japanese woman.
N1986.1-182	195	Japanese group, bit faded.
N1986.1-182	196	Milne, Toné and ?stepfather at Shide.
N1986.1-182	197	Seismograms from Shide & Potsdam, of Feb 6, 1897 19:50 hrs earthquake.
N1986.1-182	198	Cows grazing, very faded.
N1986.1-182	199	Unrecognizable - too faded.
N1986.1-182	200	Seismogram from Shide; end of Calcutta earthquake of June 12, 1897 ~1:00 hrs.
N1986.1-182	201	Milne & large group on verandah at Shide.
N1986.1-182	202	Milne & others on lawn at Shide.
N1986.1-182	203	View of Shide Hill House with 3 figures.
N1986.1-182	204	Milne & Toné at door of Shide.
N1986.1-182	205	Woman in black - ? is this Toné in mourning clothes after Milne's death?
		NOTE - 183-205 INCLUSIVE FORM A SPLENDID SERIES OF NEGS.

APPENDIX 2: ISLE OF WIGHT COUNTY RECORD OFFICE HOLDINGS OF JOHN MILNE MATERIAL

<u>REF NO</u>	<u>NUMBER</u>	<u>DESCRIPTION</u>
BOX 1	1	Translation of original 1974 Japanese article on planting of trees on IoW; story of when Mr. Mori (Japanese Ambassador) was placing flowers on Milne's grave an old lady came forward from crowd with picture of her taken with Toné Milne.
BOX 1	2	Article "A cherry tree in memory of John Milne", Japan Embassy Bull. 4/4/1974 vol XXI, No 4, 2 copies.
BOX 1	3	Biographical notes on John Milne by L Herbert-Gustar & P A Nott, Oct 30 1973, 2 copies.
BOX 1	4	"Earthquake Milne and the Isle of Wight" -pamphlet by L Herbert-Gustar & Patrick A Nott, published by Vectis Biographies 1974.
BOX 1	5	"Earthquake Milne, the father of modern Seismology". A chronology covering the life and work of Prof John Milne 1850-1913 by A.L.K.D. Herbert-Gustar & Patrick A Nott - IoW College of Arts & Technology.
BOX 1	6	Xerox copies of press cuttings:- Rochdale Observer Sat 19 July 1975 "What do you learn about Earthquake Milne". " Sat 26 July 1975 "The man they're calling Earthquake Milne". " Sat 2 Aug 1975 "Earthquake Milne II". " Sat 9 Aug 1975 "Earthquake Milne III". " Sat 16 Aug 1975 "Earthquake Milne IV".
BOX 1	7	Article from The Times, Fri March 15 1974, "Japanese tribute of 3 cherry trees to British Pioneer in Seismology" xerox copy.
BOX 1	8	Correspondence between Japanese Embassy Second Secretary Miyake, IoW Tech College & Tokyo University, about planting cherry trees.
BOX 1	9	Copy of speech made by Japanese Ambassador His Excellency Mr. Haruki Mori at tree planting ceremony.
BOX 1	10	Article by Herbert-Gustar & Nott "John Milne (1850-1913) -the man who becomes the father of modern Seismology".
BOX 1	11	Notebook full of 1881 press cuttings on chiefly Japanese stories and travel articles - some by Milne - on typhoon experiences, some scientific explanations of common phenomena, experiments of John Henry Fizzles, the chemist, including one "Natives who have left Rochdale and became celebrities" - noting that Milne's hat was pierced by bullets during his travels in the Franco-German War (no date) - Provenance unknown but suspect Rochdale Observer.
BOX 1	12	Publication of Japan Information Centre, Japanese Embassy - "Britain and Japan 1600-1975, 2: British Personalities", one of a series of three booklets published in 1974 or 75 to commemorate Queen Elizabeth II's visit to Japan.
BOX 1	13	Notebook "JM's writings, Index, Reviews, Lectures, Sealing...illegible" contains cuttings & reviews of various articles on earthquakes, Kuriles, surveying, etc.
BOX 1	14	"The Stone Age in Japan" by John Milne, London, Harrison & Sons, St Martins House, 1881.
BOX 1	15	"Eminent Living Seismologists - Prof John Milne" - Reprint from Geol. Mag. Decade V, Vol IX, No 337-46, Aug 1912
BOX 1	16	Certificates awarded to Milne - 1. Liverpool College Middle School - for mathematics June 1865, 2. Oct 1864 Class 4, monthly report - states French - very fair, singing - moderate, arithmetic - good etc, etc.
BOX 1	17	Letter dated Sept 30 1876 from Emma Arnott to her son John Milne - re Xmas Pudding, boundary fence pulled down, & other chit-chat.
BOX 1	18	Catalogue of books and papers written by John Milne, Shide, I.W. January 1897.
BOX 1	19	Postcard of Shide Hill House with Milne & Toné on steps of lawn (another in Box 4).
BOX 1	20	"On the velocities with which disturbances are propagated on the surface of and through the Earth's core". A computation by John Milne FRS, 1895, Tokyo.
BOX 1	21	Handwritten notebooks numbered 3-12 entitled "Iceland".
BOX 1	22	Unsigned correspondence 1871-72 regarding Milne's candidature for Royal Exhibition at Royal School of Mines in which it is noted that "his modesty has not allowed him to give a list of his honours which I copy from King's College calendar for 1870 & 1871", then follows list of academic prizes and certificates.
BOX 2	1	"Mrs. Milne and Shide Earthquake Observatory" article from The Times on auction of Shide Hill House on Sept 13 1919, dated Aug 23, 1919.
BOX 2	2*	"Earthquake records from Cairo sent to Prof Milne" - bundle of handwritten Milne seismograph bulletins including 1906 Jan-June Cape of Good Hope, Jul - Dec 1910 Helwan, Jul Aug Sept & Oct 1910 Helwan, Jan March & April 1911 Helwan. Copied to NSA
BOX 2	3	Correspondence between Foreign Office & BA Seismological Committee (secretary Milne) on earthquake information sent from Egypt, Cuba, Athens to Seismological Committee via F.O. Channels.
BOX 2	4	Notebook "Notes on Iceland Continent" by Milne, handwritten in poor hand, poor state.
BOX 2	5	Handwritten notes on natural phenomena, etc etc, later written up in papers by Milne.
BOX 2	6*	Seismogram "record of earthquakes on March 1st 1882" - circular record - looks like a "Ewing".
BOX 2	7	Notebook - "Second Report to BA on earthquake investigations made in Japan, June 1882".
BOX 2	8	Batavia Observations - 2 seismograms from 'Ewing' machine, 21 Aug 1895 4:24pm & 21 Sept 1895 9.29pm - used as plates for a paper.
BOX 2	9	Handwritten list of times of volcanic eruptions in Japan 1660-1870 & 1528-1660.

APPENDIX 2: ISLE OF WIGHT COUNTY RECORD OFFICE HOLDINGS OF JOHN MILNE MATERIAL

<u>REF NO</u>	<u>NUMBER</u>	<u>DESCRIPTION</u>
BOX 2	10*	Seismogram at Accra Gold Coast Colony, event 07:00, 13.1.15. ?Original Milne Seismogram, copied to NSA
BOX 2	11	Notes, handwritten, on Japanese event times.
BOX 2	12	Unsigned note (not by Milne) criticizing mechanical imperfections of machine (unspecified).
BOX 2	13	Milne's handwritten notes on preparations for Iceland trip.
BOX 2	14	Milne's handwritten notes on journey from Kiachta to Kalgan 1875-1876 - poor writing.
BOX 2	15	One page of illustration "Results of explosions of dynamite in boreholes - stations 71-250 & 400 ft distant" (presumably experimental results)
BOX 2	16	Milne's exam pass certificate, mathematics, Kings College London, 1869-70.
BOX 2	17	Page proof (P52) of untitled paper.
BOX 2	18	Reprint sent to Milne with author's kind regards "Horizontal Pendulums for registering mechanically earthquakes and other earth movements" by F Omori D.Sc. J. Sci. Coll., Imp. Univ. Tokyo, vol XI, Pl. II-XII, Tokyo 1899.
BOX 2	19	Milne's foolscap handwritten notes on Tremors, slow earthquakes, seismograph types.
BOX 2	20	List of rocks collected by Prof G F Mundy - handwritten, poor condition
BOX 2	21	Report by Milne on his work in Japan to BA for annual report 1879.
BOX 2	22	Notes entitled 'Predictions', - observations of behaviour of wells & springs.
BOX 2	23	Foolscap notes for a long paper on earthquakes - some pages missing.
BOX 2	24	BA 1909 Winnipeg meeting report.
BOX 3	1	8" x 6" photo of Milne, Toné, father-in-law, 1 other person & Capt R F Scott, taken at Shide c1900.
BOX 3	2	Reprint of "Description of the Skeleton of the Great Auk, or Garfowl, (Alca Impennis, L.)" by Prof Owen, F.R.S., F.Z.S.
BOX 3	3	Daily weather report from Met Office, London, 14 March 1951 - (this must be Bullock's??).
BOX 3	4	Reprint of "The Gare-fowl and its historians", from the Natural History Review, October 1865.
BOX 3	5	Copy of "Canadian Scenery, Illustrated", undated with prints of native American life.
BOX 3	6*	Oxford seismogram of Sept 1 1923 Japan Event, Milne-Shaw EW Component, mounted but broken in half. **NB this is one of only two surviving seismograms from this observatory and is of the great Kanto event**
BOX 3	7	One page of 'Discovery' containing photo of meteor crater in Arizona, undated.
BOX 3	8	Newspaper cutting, June 2 but no year (but post 1953) "Further study of the Coelacanth" by Prof J Millot.
BOX 3	9	BA Portsmouth 1911 Ann Report, 2 copies.
BOX 3	10	Two watercolours, "Fireland, & Iceland, on the Scrambles of a lunatic" by J.M.
BOX 3	11	Book in Japanese - appears to be on seismic zones in E Asia esp China - probably dates from Japanese occupation of China.
BOX 3	12	"Hills in Kobe" - book of coloured prints from Japan.
BOX 3	13	Trans.Asiaic Society of Japan, vol VII Pt 1, Feb 1879, 3 copies.
BOX 3	14	Reprint sent to John Perry with the writer's compliments Yedo 1880, "Notes on stone implements from Otaru and Hakodate, with a few general remarks on the prehistoric remains of Japan" by John Milne, [read Nov 11, 1879].
BOX 3	15	Reprint "The Stone Age in Japan" by John Milne, London, Harrison & Son, 1881, 2 copies.
BOX 3	16	Two reprints from Geol. Magazine NS Decade V, Vol IX, pp 337-46 Aug 1912, "Eminent living geologists - Prof John Milne" and "Memorial edition" edged in black published later (duplicates in Box 1). This one contains inserted poem "The Disenchanted Gopher, Twenty Strokes to No 8" by M.E., Newport, I.W. Golf Club, Dec 28 1910.
BOX 3	17	Page from "The Listener", May 27, 1931 - containing article on Wegener's theory of Continental Drift. Similar letter to The Times from Prof E.W. Macbride.
BOX 3	18	Article on Wegener's theory of Continental Drift from Daily Sketch, Moon March 22 1937.
BOX 3	19	Article, "England is sinking" by F.H. Mackintosh, from 'Discovery' magazine.
BOX 3	20	Five exercise books of notes "Iceland", MSS.
BOX 3	21	Milne-Shaw Seismograph Handbook, marked Shide Observatory, 9.10.1918.
BOX 3	22	'Across Europe and Asia, Travelling notes by John Milne', 3 copies.
BOX 3	23	Reprint "Geological notes on the Sinaitic Peninsula and northwestern Arabia" by John Milne, from Q.J.G.S., Feb 1875.
BOX 4	1	BA Fifteenth Report of Seismological Investigations, Sheffield 1910.
BOX 4	2	BA Bristol 1898 Report.

APPENDIX 2: ISLE OF WIGHT COUNTY RECORD OFFICE HOLDINGS OF JOHN MILNE MATERIAL

<u>REF NO</u>	<u>NUMBER</u>	<u>DESCRIPTION</u>
BOX 4	3*	White envelope marked "John Milne FRS" containing numerous tracings of seismograms, timed and numbered, but not dated.
BOX 4	4	Several copies of Milne's CV, dated 1894, giving his date of birth as 1849, not 1850
BOX 4	5	Letter to Milne from Bernard Fisher (?), Cambridge, dated 23 April 1894, re earth's crustal movements.
BOX 4	6	Letter re Milne's horizontal pendulum from JP, 31 Brunswick Square, London WC dated 25/4/1894 (is this John Perry?).
BOX 4	7	Letter to Mrs. Arnott (Milne's mother) dated 20 March 1879 from Henry Woodward of British Museum re binding of Milne's "Crystallography".
BOX 4	8	Liverpool College Middle School certificates of Milne's progress 1865 (some 1864 & 1865 certificates in Box 1) 'Very fair' in natural philosophy, still 'moderate' in singing.
BOX 4	9	Postcard of Shide Hill House (Duplicate in Box 1).
BOX 4	10	'In memoriam' issue of Geol. Mag. Decade V, Vol IX No 578 pp 337-46 August 1912 paper 'Eminent living geologists' (duplicates in Box 1 & 3).
BOX 4	11	Handbook "On the installation and working of Milne's Horizontal Pendulum" by John Milne - Jan 1901
BOX 4	12	Letter from A. J. Munro of R.W. Munro (London makers of Milne seismographs) to Carisbrooke Castle Museum curator re 'another pamphlet', dated 10 April 1953.
BOX 4	13	Corrected proof of paper on Bradyseisms (1) and oceanic methy psois (II) ? by Milne, undated.
BOX 4	14	Milne's notes on eruptions of earthquakes, 8 pages.
BOX 4	15	Milne's notebook on Iceland.
BOX 4	16	Milne's notes on Thomas Gray's rolling cylinder seismograph, bracket seismograph, earthquakes, various types of seismographs - ? Part of book MS, corrected proofs of undated paper.
BOX 4	17	Two certificates from King's College London 1869-70 - for passing of drawing & maths exams by Milne.
BOX 4	18	Ledger, entitled "VENTILATION" with pages cut out, containing notes on building in earthquake countries .
BOX 4	19	Ledger entitled "Drawings" - MS of paper on Bradyseisms etc (not examined owing to condition).
BOX 4	20	Ledger entitled "I Japan - geological excursions" - not examined owing to very poor and fire damaged condition.

APPENDIX 3: LORD LOUIS LIBRARY HOLDINGS OF JOHN MILNE MATERIAL

REF NO	NUMBER	DESCRIPTION
		Books and articles
	1	Milne, J., 1886, 'Earthquakes and other Earth Movements', International Scientific Series, Vol LVI
	2	Milne, J., 1898, 'Seismology', International Scientific Series, Vol LXXXV
	3	Herbert-Gustar, L & Knott, P.A., 1983. 'Was seismology lucky to acquire John Milne?' in USGS Earthquake Information Bulletin, Volume 15, no.5, pp 164-176.
	4	Herbert-Gustar, L.K. & Nott, P.A., 1980. 'John Milne, father of modern seismology', Paul Norbury, Tenterden, Kent.
	5	Knott, C.G., 1908. 'The physics of earthquake phenomena', publisher unknown.

APPENDIX 4: PRIVATE COLLECTIONS OF MILNE LANTERN SLIDES

BOX	REFERENCE	TITLE	COLOUR	QUALITY	TYPE	AREA	NOTES
1	001	Ainu village	colour	very good	village scene	Ainu	Used in book as slide 7; also used in paper 02-08-85
1	002	Ladle seller in street	colour	very good	street scene	Japan	Used newspaper 02-08-85
1	003	Erection of telegraph posts	colour	very good	street scene	Japan	newspaper 02-08-85
1	004	Barbers shop from outside	colour	very good	street scene	Japan	newspaper 02-08-85:
1	005	Boat sailing on waterway, town in the background	colour	very good	water scene	Japan	
1	006	Military type cadet scene	b/w	very good	people	Japan	sports gear: some girls in foreground
1	007	Seismograph on bridge structure	colour	very good	seismology	Japan	Used in Asahi Simbun 02-08-85
1	008	Earthquake ground movement:Burton's book	colour	very good	seismology	Japan	Used in Asahi Shimbun 02-08-85
1	009	Watergarden scene with mountains in background	colour	very good	landscape	Japan	
1	010	Landscape red bridge,cliff and rock with chalet/shrine	colour	very good	landscape	Japan	
1	011	Flower arranging, plant on stand on stool	colour	good	flower arranging	Japan	slight deterioration of plate
1	012	Landscape gardening,book illustration	colour	very good	landscape	Japan	Milne title 'Flower arrangement' number 9
1	013	Plant on stand on stool	colour	very good	flower arranging	Japan	Shop sticker
1	014	Lake scene with wooden bridge,shore foreground, temple back	colour	very good	landscape	Japan	
1	015	Pond with woodland and field	colour	very good	landscape	Japan	
1	016	Garden view with bushes and trees	colour	very good	landscape	Japan	
1	017	Bridges copied from book	colour	very good	landscape	Japan	Milne title landscape gardening number 13
1	018	Lake scene, small rowing boat in foreground, wood in rear	colour	very good	landscape	Japan	
1	019	Lake scene with trees, house in background	colour	very good	landscape	Japan	
1	020	Landscape view of stream with house in wooded country	colour	excellent	landscape	Japan	note the cherry blossom
1	021	Lake with water lilies, temple in background	colour	very good	landscape	Japan	Can this temple be identified?
1	022	A scene in Asakusa Tokyo	colour	excellent	street scene	Japan	Book cover, slide 2 in J.M., used in Asahi Shimbun
1	023	Garden scene with house and pond	b/w	excellent	landscape	Japan	
1	024	Buying umbrellas in the street	colour	excellent	street scene	Japan	Note new and old styles together. Used in Asahi Shimbun
1	025	Western style factory scene	colour	excellent	industry	Japan	Note space in front of building and chimney smoke
1	026	Japanese woman in garden or shrine	colour	excellent	temple	Japan	Japanese text
1	027	Man fishing in tree lined lake or river	colour	very good	landscape	not known	
1	028	Market square with rickshaw	colour	excellent	street scene	Japan	Used as slide 3 in JM
1	029	Woman weaving outside sitting on mat	colour	excellent	activity	not known	
1	030	Operation with leg being cut off	colour	good	activity	not known	significance ?
1	031	Scribe sitting on animal rug at desk	b/w	excellent	portrait	Japan	Identify ?
1	032	Girl having hair done by another	colour	good	culture	Japan	Note mats and door also make-up kit
1	033	Man carrying portable shop/stall down street	colour	excellent	street scene	Japan	Note red umbrella
1	034	Sumo wrestlers at practice	colour	excellent	culture	Japan	Crack across glass. Used as slide 1 in JM
1	035	Rickshaw in street	colour	excellent	street scene	Japan	Japanese text
1	036	Carpenters at work	colour	excellent	activity	Japan	Used as slide 4 in JM
1	037	Picnic scene in woods	colour	excellent	activity	Japan	crack in glass
1	038	Girl and boy fishing on bank of river in a town	colour	excellent	landscape	Japan	
1	039	Terraced dwelling on steep gradient	colour	excellent	village scene	Japan	Used as slide 6 in JM
1	040	Industrial scene - charcoal burning ?	colour	excellent	industry	Japan	
1	041	Girl standing on bridge in wooded surroundings	colour	excellent	landscape	Japan	
1	042	Seismology lecture slide - map showing earthquake distribution	b/w	good	seismology	UK	
1	043	Johannesburg Gold Fields	colour	excellent	street scene	Africa	

APPENDIX 4: PRIVATE COLLECTIONS OF MILNE LANTERN SLIDES

BOX	REFERENCE	TITLE	COLOUR	QUALITY	TYPE	AREA	NOTES
1	044	Chicago City	colour	excellent	street scene	USA	
1	045	Town with mountain on island in distance over water	colour	excellent	landscape	Japan	Identify ?
1	046	Sports ground or open space	colour	excellent	landscape	Japan	
1	047	Weathered rock in wooded area	colour	excellent	landscape	not known	
1	048	Industrial scene	colour	excellent	industry	Japan	
1	049	Town or village in hilly and wooded country	colour	excellent	landscape	Japan	
1	050	Deer in a park under trees	colour	excellent	landscape	Japan	Japanese text
2	051	Sailing boat on lake surrounded by hills	colour	excellent	landscape	Japan	Crack in glass; Milne slide no 54
2	052	Man with gun being slain by one with lance	colour	good	war	Japan	Japanese text
2	053	Surrender of a gun battery	colour	good	war	Japan	Japanese text
2	054	Warships being fired upon from hillside gun battery	colour	good	war	Japan	Japanese text
2	055	Platoon of men in uniform	colour	excellent	war	Japan	Japanese text
2	056	Ceremonial arch and banners - victory parade	colour	good	war	Japan	Japanese text
2	057	Troops meeting the public	colour	good	war	Japan	Japanese text
2	058	Recreational scene men playing board games	colour	excellent	culture	Japan	Japanese text
2	059	Entrance to temple via shrines	colour	good	temple	Japan	
2	060	Woman carrying mats talking to friend	colour	excellent	street scene	Japan	
2	061	Cherry blossom with crowd in park	colour	excellent	activity	Japan	
2	062	Unveiling a statue	b/w	excellent	activity	not known	
2	063	Crowd going up steps from road to somewhere	colour	excellent	temple	Japan	
2	064	Two girls sitting at a shrine overlooking village	colour	good	temple	Japan	
2	065	Outdoor meeting with youngsters	colour	excellent	activity	Japan	
2	066	Two men practising martial arts	colour	very good	culture	Japan	
2	067	Village scene with fire poles at top of hill	colour	excellent	village scene	Japan	
2	068	Tea being taken on open matted area	colour	very good	culture	Japan	
2	069	Battle scene in a street	colour	excellent	war	Japan	Japanese text
2	070	Surrender of naval ships	colour	excellent	war	Japan	Japanese text
2	071	Group outside Shide laboratory with Tone & John Milne	b/w	good	seismology	UK	
2	072	Naval battle	colour	excellent	war	Japan	Japanese text
2	073	Gathering of women	colour	excellent	culture	Japan	Japanese text
2	074	Young woman playing multistringed instrument	colour	excellent	culture	Japan	Shop sticker
2	075	Three girls relaxing on carpet in room, two of them reading	colour	excellent	culture	Japan	
2	076	Two girls in costume holding cherry blossom	colour	excellent	culture	Japan	Shop sticker
2	077	Portrait of Japanese woman reading	colour	excellent	portrait	Japan	Shop sticker
2	078	Four girls in park, two playing music and two with blossom	colour	excellent	culture	Japan	
2	079	Three girls in garden	colour	excellent	landscape	Japan	
2	080	Japanese woman standing with hand against archway	colour	very good	portrait	Japan	
2	081	Girls being dressed by older woman	colour	excellent	culture	Japan	Shop sticker
2	082	Group of girls round mirror	colour	excellent	culture	Japan	Japanese text
2	083	Group of girls outside on matted area with lanterns	colour	excellent	culture	Japan	Japanese text
2	084	Two girls playing musical instruments	colour	excellent	culture	Japan	Shop sticker
2	085	Portrait of Japanese woman	colour	excellent	portrait	Japan	
2	086	Man outside the Shide Hill House stables	b/w	very good	seismology	UK	

APPENDIX 4: PRIVATE COLLECTIONS OF MILNE LANTERN SLIDES

BOX	REFERENCE	TITLE	COLOUR	QUALITY	TYPE	AREA	NOTES
2	087	Japanese woman standing by shed in wooded garden	colour	excellent	portrait	not known	Mrs Milne ?
2	088	John and Tone Milne with ? at Shide	b/w	poor	group	UK	Part of slide destroyed
2	089	Preparing the extension for the laboratory at Shide	b/w	poor	seismology	UK	Historically important although damaged
2	090	Woman standing in front of chair	colour	excellent	portrait	not known	Shop sticker
2	091	IW photographic society at Shide Hill House	b/w	good	activity	UK	
2	092	J & T Milne with three others in garden	b/w	good	portrait	UK	
2	093	Photograph of Billie, Milne's dog	b/w	good	misc.	UK	
2	094	Woman and gentleman photographed in garden	b/w	good	portrait	UK	
2	095	Earthquake damage after a tsunami	colour	excellent	seismology	Japan	
2	096	Earthquake resistant building, Tokyo University	colour	excellent	seismology	Japan	
2	097	Dead on beach after tidal wave	colour	excellent	seismology	Japan	Japanese text
2	098	Scene of destroyed village after an earthquake	colour	excellent	seismology	Japan	
2	099	Scene after an earthquake or tsunami	colour	excellent	seismology	Japan	
2	100	Dead bodies recovered from sea and covered with mats	colour	excellent	seismology	Japan	Japanese text
2	101	A body being recovered from the water	colour	excellent	seismology	Japan	Japanese text
2	102	Earthquake damage to buildings	b/w	good	seismology	not known	Needs binding
2	103	Bridge piers damaged by an earthquake	colour	excellent	seismology	Japan	
2	104	Damage on shore after an earthquake	colour	excellent	seismology	Japan	Japanese text
2	105	Railway embankment lost after earthquake	colour	excellent	seismology	Japan	
2	106	Two flower arrangements from book	colour	poor	flower arranging	Japan	Needs binding
2	107	Ainu outside thatched building	colour	excellent	village scene	Ainu	
2	108	Flower arranging illustrations from book	colour	excellent	flower arranging	Japan	
2	109	Rocks used in landscape gardening	colour	excellent	flower arranging	Japan	
2	110	Portrait of Japanese woman with book	colour	excellent	portrait	Japan	Shop sticker
2	111	Industrial buildings by a river	colour	excellent	industry	not known	
2	112	Building damage in Manila after an earthquake	colour	very good	seismology	Asia	
2	113	Chinese court scene	colour	excellent	journey	China	Japanese text
2	114	Two women and a boy on plank bridge in water garden	colour	excellent	landscape	Japan	
2	115	Man with cart loaded with two barrels	colour	very good	street scene	Japan	
2	116	No slide with this number					
2	117	No slide with this number					
2	118	No slide with this number					
2	119	No slide with this number					
2	120	No slide with this number					
3	121	Public building -perhaps college	colour	excellent	building	Japan	See slide 122
3	122	Public type brick building of two storeys	colour	excellent	building	Japan	See slide 121
3	123	Party on beach at edge of sea or lake	colour	very good	landscape	Japan	H
2	124	Ainu village showing thatched huts and inhabitants	colour	excellent	village scene	Ainu	
3	125	Photograph of painting of bearded and robed figure	colour	excellent	portrait	not known	Note the odd wall behind picture
3	126	Two women standing in front of village	colour	very good	village scene	Ainu	
3	127	Two men and cart with interesting street scene	colour	excellent	street scene	Japan	
3	128	Street scene with cherry blossom	colour	very good	street scene	Japan	Flag with single character by stalls
3	129	Man with cart of wood on track by wooded hillside	colour	excellent	landscape	Japan	Same man appears in other slides

APPENDIX 4: PRIVATE COLLECTIONS OF MILNE LANTERN SLIDES

BOX	REFERENCE	TITLE	COLOUR	QUALITY	TYPE	AREA	NOTES
3	130	Man leading donkey down street past houses	colour	excellent	street scene	Japan	
3	131	Inside of a 'wash house'	colour	excellent	activity	Japan	
3	132	Pack-horse being led along track with load of logs	colour	good	street scene	Japan	note the rail track at the side of road
3	133	Rickshaw being used as a cart	colour	excellent	street scene	Japan	Unusual wall and fence at side of road
3	134	Cart loaded with wood being pulled along street	colour	excellent	street scene	Japan	Similar to other slides
3	135	Men with towels round them in what might be a bath-house	colour	very good	activity	Japan	Unusual array of boards and use of planks
3	136	Party arriving on shore from canoes or punts	colour	excellent	activity	Japan	
3	137	Village scene with many thatched huts along central track	colour	excellent	village scene	Ainu	
3	138	Blue green suited man by experimental rig ?	colour	good	seismology	not known	Needs explanation
3	139	Man seated outside house with feet near camera	colour	excellent	misc.	not known	Fun slide
3	140	Japanese dressed woman in garden by large brick wall	b/w	very good	portrait	not known	
3	141	Man and woman in temple/garden pavilion	b/w	very good	temple	Japan	
3	142	Portrait of youngish man with stiff collar	b/w	excellent	portrait	not known	Unusual mounting of this slide
3	143	Japanese woman in pink dress and grey shawl holding a cat	colour	excellent	portrait	not known	
3	144	From Thames to Siberia -Russian family in cabin	colour	excellent	journey	Russia	Commercial
3	145	From Thames to Siberia - Russian prisoners	colour	excellent	journey	Russia	Commercial
3	146	From Thames to Siberia - Snowy street scene	colour	excellent	journey	Russia	Commercial
3	147	From Thames to Siberia - Posthouse with sleigh	colour	excellent	journey	Russia	Commercial
3	148	From Thames to Siberia - Prisoner inspection	colour	excellent	journey	Russia	Commercial
3	149	View of Stockholm	colour	excellent	journey	Europe	Commercial
3	150	Vadstena Castle, Stockholm	b/w	excellent	journey	Europe	Commercial
3	151	The Royal Palace, Stockholm	b/w	excellent	journey	Europe	Commercial
3	152	General View Stockholm	b/w	excellent	journey	Europe	Commercial
3	153	Bourke Street looking east - Melbourne	colour	excellent	journey	Australia	Commercial
3	154	Queen Street - Melbourne	colour	excellent	journey	Australia	Commercial
3	155	Archaeological site, stones with mountain in background	colour	very good	misc.	Japan	H
3	156	Lecture slide Volcanic Eruptions in Central America	b/w	good	seismology	not known	
3	157	Collapsed wing of a house	b/w	good	seismology	not known	Needs binding
3	158	Naples and Vesuvius 1898 or 90	b/w	good	seismology	Europe	
3	159	Guatemala and Martinique - height and spread of ash	b/w	good	seismology	America	
3	160	Vesuvius with snow cap seen across bay	b/w	excellent	seismology	Europe	Commercial
3	161	The chimney that falls at 4.45 6th Dec 1880 -Northwich	b/w	very good	misc.	UK	Needs binding
3	162	Lecture slide 28th March 1902 origin Banda	b/w	good	seismology	UK	H
3	163	Map showing earthquake stations and register numbers 1905	b/w	good	seismology	UK	H
3	164	*St Martin Street, Hereford, after quake 17-12-1896	b/w	good	seismology	UK	Note - this is only known photo of damage due to this event
3	165	*Poor photograph of roof damage	b/w	poor	seismology	not known	possibly related to 164
3	166	Chinese prisoners with punishment boards round neck	colour	good	journey	China	Broken glass
3	167	We are very fond of Tennis	b/w	excellent	misc.	UK	Fun slide
3	168	Line drawing of interior of "study"	b/w	excellent	misc.	not known	
3	169	Dog jumping over frame twice man's height	b/w	very good	misc.	UK	
3	170	Broken tombstones, Shillong	b/w	very good	seismology	India	Needs binding
3	171	Victoria Falls	b/w	poor	misc.	Africa	H
3	172	Quay scene on edge by boat	b/w	very good	activity	not known	

APPENDIX 4: PRIVATE COLLECTIONS OF MILNE LANTERN SLIDES

BOX	REFERENCE	TITLE	COLOUR	QUALITY	TYPE	AREA	NOTES
3	173	Failure of Barrack system of Construction	b/w	excellent	seismology	not known	
3	174	Woman showing dress style	colour	very good	portrait	Japan	Japanese text
3	175	Man with pigtail	colour	excellent	personality	Japan	Japanese text
3	176	Portrait of Man with Japanese title	colour	excellent	personality	Japan	Japanese text
3	177	Seven men in elaborate headgear and robes	colour	excellent	personality	Japan	Japanese text
3	178	Great Wall of China	colour	very good	journey	China	
3	179	Walled town with two large buildings	colour	excellent	temple	Japan	Japanese text
3	180	The making and selling of Chinese lanterns	colour	excellent	journey	China	H
3	181	Group in Chinese dress	colour	excellent	journey	China	
3	182	Man and woman in Chinese wheelbarrow	colour	excellent	journey	China	Commercial
3	183	River and town in front of wall	colour	very good	journey	China	
3	184	Double headed train in snow drift	colour	very good	industry	not known	Crack in glass
3	185	Man by shed in salt market garden type area	colour	excellent	misc.	not known	
4	186	Large stone ornamental gateway	b/w	good	building	not known	
4	187	Group of men out on plain	colour	good	misc.	not known	one glass of slide has been cut to a circle
4	188	Woman sitting in elaborate room with flowers and plants	colour	excellent	portrait	not known	
4	189	Strasbourg University	b/w	good	building	Europe	H
4	190	Scotch lakes and mountains	colour	very good	landscape	UK	
4	191	SS Roraima at St Pierre	b/w	good	seismology	Caribbean	After eruption of Mt Pelée, 1902
4	192	Vesuvius crater smoking	b/w	very good	seismology	Europe	Needs binding
4	193	Observatory at Catania	b/w	excellent	seismology	Europe	Sicily
4	194	Tree in foreground with bridge and village in the background	b/w	very good	landscape	not known	
4	195	Estuary with flats and sailing boats, hills in background	b/w	very good	landscape	not known	Oval mounting
4	196	Woman sitting in chair and wearing red dress	colour	excellent	portrait	Japan	Japanese text
4	197	Myrtle Bank Hotel with earthquake damage	b/w	good	seismology	not known	Milne's typewritten title - probably San Francisco
4	198	Scene of a temple court with elephant carvings	b/w	very good	temple	not known	Needs binding
4	199	Train in snow drift	colour	very good	industry	not known	
4	200	Near view of an Iceberg	b/w	very good	misc.	not known	H
4	201	Lattice tower twice height of tree	b/w	poor	seismology	not known	
4	202	Chinese scene	b/w	very good	journey	China	
4	203	Vancouver from Stanley Park	b/w	excellent	journey	Canada	Commercial
4	204	Family seated in room	b/w	very good	portrait	Japan	
4	205	Quay scene with building on the side	b/w	very good	activity	not known	
4	206	Single line railway track crossing plain	b/w	good	seismology	Japan	Slight crack
4	207	Single line railway crossing bridge with man on walkway	colour	excellent	seismology	Japan	
4	208	Great Wall of China	colour	excellent	journey	China	Japanese text
4	209	China and Chinese	b/w	excellent	journey	China	Commercial
4	210	St Pierre 1902, eruption of Mt Pelée	b/w	very good	seismology	Caribbean	
4	211	Decorated train crossing road	b/w	very good	industry	UK	
4	212	Fleet in harbour with mountains in background	b/w	good	activity	not known	Single sheet of glass
4	213	Billy	b/w	poor	portrait	UK	Milne's dog
4	214	Troops on exercise	b/w	very good	activity	UK	H
4	215	Portrait of Captain/Prince Arisugawa ?	colour	excellent	personality	Japan	Japanese text

APPENDIX 4: PRIVATE COLLECTIONS OF MILNE LANTERN SLIDES

BOX	REFERENCE	TITLE	COLOUR	QUALITY	TYPE	AREA	NOTES
4	216	Execution of King Gyoku Kin ?	colour	very good	personality	Japan	Japanese text
4	217	Execution scene with beheaded corpse	colour	very good	activity	Japan	Japanese text
4	218	Head and shoulders of man wearing bowler hat	colour	excellent	personality	Japan	Japanese text
4	219	House shrine	colour	very good	temple	Japan	
4	220	Japanese policeman	colour	excellent	culture	Japan	Shop sticker
4	221	Portrait of woman (queen) wearing crown	colour	excellent	personality	Japan	Japanese text
4	222	Portrait of man wearing medals- Admiral Nitre ?	colour	excellent	personality	Japan	Japanese text
4	223	Portrait of man wearing sash and other decorations	colour	excellent	personality	Japan	Japanese text
4	224	Portrait of man in uniform and with high decorations	colour	excellent	personality	Japan	Japanese text
4	225	Portrait of man wearing medals	colour	excellent	personality	Japan	Japanese text
4	226	Portrait of younger man wearing sash and medals	colour	excellent	personality	Japan	Japanese text
4	227	White walled building with tower and outer wall	b/w	very good	seismology	Europe	
4	228	St Pierre - eruption of Mt Pelée	b/w	good	seismology	Caribbean	
4	229	View of very large building - white timber framed	colour	excellent	building	Japan	
4	230	Bearded man in uniform and with medals	colour	excellent	personality	Japan	Japanese text
4	231	Lighthouse at end of breakwater/spit	b/w	very good	seismology	not known	
4	232	Horseman jousting at show	b/w	very good	activity	not known	Crack in glass
4	233	Etna from observatory	b/w	very good	seismology	Europe	
4	234	Snow scene with men by open ended wooden structure - train?	colour	excellent	activity	not known	
4	235	Interior at Pocca di Paha	b/w	poor	building	not known	Half lost
4	236	Woman with green veil	colour	excellent	portrait	not known	
4	237	Hay making scene with town or village in valley	b/w	poor	village scene	UK	Half lost
4	238	Group 'acting' in garden area	colour	excellent	activity	not known	
4	239	Pack of hounds with huntsman in field	b/w	good	activity	UK	
4	240	Portrait of negro type girl	colour	excellent	portrait	not known	
4	241	Harbour scene, lads playing in water	colour	excellent	activity	not known	
4	242	View of fisherman's yard	b/w	excellent	activity	UK	
4	243	View of laboratory	b/w	poor	seismology	UK	H
4	244	Red wooden bridge over gorge	colour	good	landscape	Japan	Needs binding
4	245	Mogal Hat Chur Bridge	b/w	good	seismology	Japan	
4	246	Vesuvius	b/w	very good	seismology	Europe	
4	247	Statue in Belgian town square	colour	excellent	personality	Europe	Slight chip in glass
4	248	Vesuvius	b/w	excellent	seismology	Europe	
4	249	Men working in garden	b/w	poor	activity	UK	
4	250	Woman being carried on expedition - others similar	colour	poor	journey	Japan	Single sheet of glass
5	251	The Baring Seely cartoon	b/w	poor	cartoon	UK	
5	252	Woman and girl sitting on bench in front of hedge	b/w	poor	portrait	UK	H
5	253	Figure in mayor's robes	b/w	very good	personality	UK	H
5	254	Child in large tin bath	b/w	good	portrait	UK	
5	255	Three young girls out in fields	b/w	good	portrait	UK	
5	256	Man in front of house, girl with baby in pram	b/w	good	portrait	UK	
5	257	Temporary/boat bridge across river	colour	excellent	seismology	Japan	
5	258	River scene with bridge in background	colour	excellent	landscape	Japan	

APPENDIX 4: PRIVATE COLLECTIONS OF MILNE LANTERN SLIDES

BOX	REFERENCE	TITLE	COLOUR	QUALITY	TYPE	AREA	NOTES
5	259	Party crossing bridge over river	colour	excellent	journey	Japan	
5	260	River scene with boats and bridge in the distance	colour	very good	landscape	Japan	
5	261	Mountain scene	colour	excellent	landscape	Japan	
5	262	View of large building in a wooded area	colour	excellent	landscape	Japan	
5	263	Oshima	colour	good	seismology	Japan	
5	264	Industrial site	colour	excellent	industry	Japan	
5	265	Cherry blossom time	colour	very good	culture	Japan	
5	266	Little boy in open space in front of station ?	colour	excellent	portrait	Japan	
5	267	Ceremonial arch being built ?	colour	very good	activity	Japan	
5	268	Large arched bridge	colour	excellent	building	Japan	Compare 314
5	269	Large waterfall with several stages	colour	excellent	landscape	Japan	Japanese text
5	270	Crater of Asama	colour	excellent	seismology	Japan	
5	271	Woman on end of stone breakwater at entrance to lake	colour	very good	landscape	Japan	Needs binding
5	272	Large Buddha out in open	colour	excellent	culture	not known	
5	273	View of shrine with pillar	b/w	good	temple	Japan	Japanese text
5	274	Moat with tall wall, houses within	colour	excellent	building	not known	
5	275	View through entrance to temple or shrine	colour	excellent	temple	Japan	
5	276	River scene with boats and bridge in distance	colour	excellent	landscape	Japan	
5	277	View of lake or sea with little islands	colour	excellent	landscape	Japan	
5	278	View of trees at edge of lake or sea	colour	excellent	landscape	Japan	
5	279	12 storey tower at Asakusa Tokio	colour	excellent	building	Japan	
5	280	Pagoda with two levels	b/w	very good	building	Japan	
5	281	Thatched village seen from bungalow	colour	excellent	village scene	Japan	
5	282	Open space with small market	colour	excellent	activity	Japan	
5	283	Buddha cut into rocks	colour	excellent	temple	Japan	H
5	284	View of trees in parkland	colour	excellent	landscape	Japan	
5	285	Two children with their mother sitting on edge of platform	b/w	good	portrait	Japan	
5	286	Child near bottom of steps	colour	excellent	portrait	Japan	
5	287	Child in costume standing outside house	colour	good	portrait	Japan	
5	288	Washing by the river with child	colour	excellent	activity	Japan	
5	289	Two poor figures looking downcast	colour	good	portrait	Ainu	
5	290	Volcanic scene	b/w	good	seismology	not known	Notes on slide difficult to read
5	291	S.Hirota - burning stubble	b/w	poor	landscape	UK	H
5	292	Brine subsidence in Cheshire	b/w	good	misc.	UK	
5	293	Zoo scene ?	b/w	good	misc.	UK	
5	294	Seven men on geological outing	b/w	good	activity	not known	Labelling needs to be read
5	295	Path through garden to thatched building	b/w	good	building	Japan	
5	296	Cherry blossom time by shrine	colour	excellent	temple	Japan	
5	297	Pagoda by side of lake	b/w	good	building	Japan	
5	298	Path to shrine with bells	b/w	good	temple	Japan	
5	299	Entrance to shrine through arch	colour	good	temple	Japan	
5	300	View of temple structure	b/w	very good	temple	Japan	Chip out of corner
5	301	Two pagodas	colour	good	building	Japan	

APPENDIX 4: PRIVATE COLLECTIONS OF MILNE LANTERN SLIDES

BOX	REFERENCE	TITLE	COLOUR	QUALITY	TYPE	AREA	NOTES
5	302	Temple or pagoda structure	b/w	very good	building	Japan	
5	303	Portrait of military man well decorated	colour	very good	personality	Japan	Japanese text
5	304	Emperor being shown a hawk	colour	good	personality	Japan	Japanese text
5	305	Railway station	colour	excellent	building	Japan	Used as book illustration
5	306	Boy in green wearing peaked cap	colour	excellent	personality	Japan	Japanese text
5	307	View over rooftops of town	colour	very good	street scene	Japan	Cracked glass
5	308	Factory building with rickshaw	colour	excellent	industry	Japan	Crack in one glass
5	309	Three girls playing Japanese instruments	colour	excellent	culture	Japan	Shop sticker
5	310	Group of men and women by unusual rock	colour	excellent	activity	Japan	Shop sticker
5	311	Woman carrying baby on back - Ainu	colour	excellent	portrait	Ainu	Note rail track
5	312	Garden scene with many people	colour	excellent	culture	Japan	
5	313	Distant view on conical snow capped volcano	colour	excellent	landscape	Japan	
5	314	Bridge with many high arches over river	colour	excellent	building	Japan	H
5	315	Red bridge in wooded background much activity	colour	excellent	landscape	Japan	
5	316	Largeish boat full of people being rowed	colour	excellent	activity	Japan	H
5	317	Two children one with fingers to his nose	colour	excellent	portrait	Japan	H
5	318	Very beautiful lake scene	colour	excellent	landscape	Japan	H
5	319	Ritual bathing	colour	excellent	culture	Japan	H
5	320	River harbour scene	colour	very good	activity	Japan	H
5	321	Mother with children outside house	colour	excellent	portrait	Japan	H
5	322	China and Chinese 20- Feast scene	colour	very good	journey	China	H
5	323	Prisoner in head board being fed	colour	excellent	journey	China	H
5	324	View of village from water with pagoda	colour	very good	landscape	Japan	H
5	325	Kites being flown	colour	excellent	journey	China	H
5	326	Picture of earthquake damage to a tower	b/w	good	seismology	not known	H
5	327	Picture showing roof of temple	b/w	good	building	Japan	H
5	328	River edge with bamboo traps ?	colour	very good	activity	Japan	H
5	329	View of large gateway	b/w	poor	building	not known	H
5	330	View of sea boats and cliff	colour	excellent	landscape	not known	H
6	331	Town scene in festive mood, wooden houses, procession	b/w	very good	activity	Japan	H
6	332	Capt M.J.Snow, seated in chair	b/w	very good	portrait	UK	H
6	333	Seaside scene, mother and daughter paddling	b/w	good	portrait	UK	H
6	334	Cricket ground with team photograph	b/w	excellent	activity	not known	H
6	335	Two men in Japanese dress, elder with stick, in garden	b/w	poor	portrait	not known	H
6	336	Distinctive large building by wide road	b/w	good	street scene	Japan	H
6	337	Two men and a woman on board ship. Milne	b/w	good	portrait	not known	H
6	338	Cleaning horse harness in camp	b/w	good	activity	not known	H
6	339	Covered wagon by thatched house, mountain in background	b/w	good	village scene	Ainu	H
6	340	St Pierre time 7.50 am	b/w	good	seismology	Caribbean	H
6	341	Undamaged reinforced structure at Mills College, nr Oakland	b/w	poor	seismology	USA	H
6	342	Seven sitting on shore by a fishing boat	b/w	good	portrait	not known	H
6	343	Photograph of moon surface	b/w	poor	misc.	not known	H
6	344	University of Strassburg 1898	b/w	good	street scene	Europe	H

APPENDIX 4: PRIVATE COLLECTIONS OF MILNE LANTERN SLIDES

BOX	REFERENCE	TITLE	COLOUR	QUALITY	TYPE	AREA	NOTES
6	345	Camp scene with white bell-tents	b/w	good	activity	UK	H
6	346	Two ladies in grass field with background woods	b/w	good	portrait	UK	H
6	347	Church and churchyard	b/w	good	village scene	UK	H
6	348	Man ploughing in County Antrim	b/w	poor	village scene	Europe	H
6	349	Head and shoulders portrait of man	b/w	very good	portrait	not known	H
6	350	Young lad with flag in white collar coat and wide brim hat	b/w	poor	portrait	UK	H
6	351	Three girls outside in garden	b/w	good	portrait	UK	H
6	352	Young girl/maid by outside door to house	b/w	good	portrait	UK	H
6	353	Kaffirs, Boers and Britons in South Africa	colour	excellent	landscape	Africa	H
6	354	Sphinx in Egypt with pyramids in sunset	colour	excellent	landscape	Africa	Commercial
6	355	Steps up to shrine in a wooded area	b/w	poor	temple	Japan	H
6	356	Temple complex with gate	b/w	good	temple	Japan	H
6	357	Q Battery saving the guns at Korn Spruit	colour	excellent	activity	Africa	H
6	358	Watch face reading 1 54 30, American Waltham watch Co	b/w	good	seismology	UK	H
6	359	K Dahlia by S.Hirota	b/w	good	flower arranging	UK	H
6	360	Paddle steamer with two stacks	b/w	poor	landscape	UK	H
6	361	Indian temple scene, fountain in the centre	colour	excellent	temple	Asia	H
6	362	Japanese street scene	b/w	good	street scene	Japan	H
6	363	Rivers and Streams (K) Rivers cutting back their beds	b/w	excellent	misc.	America	H
6	366	Troops with horses on parade in rural setting	b/w	poor	activity	UK	H
6	365	Church and trams in city of Melbourne	b/w	excellent	street scene	Australia	Commercial
6	366	Man in loincloth sitting outside	colour	excellent	portrait	not known	H
6	367	Portrait of distinguished looking man	b/w	poor	portrait	not known	H
6	368	Young lad with dog looking into window	b/w	good	portrait	UK	H



John Milne (foreground) with his Japanese assistant Shinobu Hirota in the Stable Block at Shide, the site of the earliest seismographs and experiments.