

The Cosmic Elk

List of some publications from 1970

from 1970:

(as Heather Hellyer)

BOOK: The Astronomical Clock: Hampton Court Palace
(commissioned 1970) pub.1973 HMSO (with Brian Hellyer)

ARTICLE: The Astronomical Clock at Hampton Court Palace, Journal
of the British Astronomical Association, April 1971

ARTICLE: King Edward VI's Defense of Astronomy, Journal of the
British Astronomical Association, August, 1972

from 1977

(as Heather Hobden)

ARTICLE: Horological Museums of Switzerland, Clocks, August 1978
(with Mervyn Hobden)

ARTICLE: The Hampton Court Clock, Clocks, October 1978

ARTICLE: The St.Paul's Cathedral Clock Pt.1,Clocks, February 1979

ARTICLE: The St.Paul's Cathedral Clock, Pt.2, Clocks March 1979.

ARTICLE: Henry VIII's Clockmakers, Clocks August 1979

ARTICLE: Tudor Clocks and Watches, Clocks September 1979

ARTICLE: How They Built the Great Clock at Westminster, Pt.1,
Clocks, March, 1980.

ARTICLE: How They Built the Great Clock at Westminster, Pt.2,
Clocks, April 1980.

ARTICLE: The St.James's Palace Clock, Clocks, August, 1980.

ARTICLE: How to make a watch pocket, Clocks, October, 1980.

ARTICLE: Clocks in Brussels, Clocks, October 1981

ARTICLE: Looking at Clocks in Leningrad, Horological Journal,
September, 1982

ARTICLE: The Spassky Clock, Clocks, June, 1983

BOOKLET: Hampton Court Clock Guide, commissioned by the D.O.E.,

ARTICLE: Cosmic Influences, Clocks, December, 1983

ARTICLE: Direction Gods, Clocks, January, 1984

ARTICLE: A Watched Pot..., Clocks, February, 1984

ARTICLE: Heavenly Hunters, Clocks, March, 1984

ARTICLE: Clocks in the Hermitage, Clocks, June, 1985

ARTICLE: The Comet Is Coming! Lincolnshire Life, November, 1985

PAPER: The Cosmic Elk: Tracing the origins of cognitive time perception and the development of early methods of timekeeping, in, Archaeological Objectivity in Interpretation Vol.1, Pt.2, Section A, Preconference papers of the World Archaeological Congress 1986, Allen & Unwin.

ARTICLE: The Ticking Planet, Clocks, September, 1985

ARTICLE: A Nasty Little Ape, Clocks, October, 1985
World Cup Winners, Clocks, November, 1985

ARTICLE: Wheels of Time, Clocks, December 1985

ARTICLE: The River of Time, Clocks January 1986

ARTICLE: Numbers and Calendars, Clocks February, 1986

ARTICLE: The Captive Moon, Clocks, March 1986

ARTICLE: The Shaman's Curse! Clocks, April, 1986.

ARTICLE: Human Sacrifice, Clocks, May, 1986

ARTICLE: The Land of the Dead, Clocks, June, 1986

ARTICLE: The Calendar Makers, Clocks, July 1986

ARTICLE: Your Fate in the Stars, Clocks, August, 1986

ARTICLE: The Rising Sieve and the Path of the Birds, Clocks, September, 1986

ARTICLE: Disposable Ancestors, Clocks, October, 1986

ARTICLE: The Reaper, Clocks, November, 1986

ARTICLE: The Cosmic Machine, Clocks, December, 1986

ARTICLE: The World of Ptolemy, Clocks, January, 1987

ARTICLE: Clocks at Pavlovsk Palace, Clocks, August 1987

ARTICLE: The Observatory of Ulughbek, Astronomy Now, August, 1988. (Patrick Moore referee)

1988: SET UP : **The Cosmic Elk** small press
(included editing, printing, and website design, writing programming and updating)

ARTICLE: John Harrison and the Problem of Longitude, Clocks, October, 1988.

ARTICLE: The Sing Song Trade, Clocks December 1988.

ARTICLE: Turret Clocks at Kolomenskoye, Horological Journal, October, 1989

ARTICLE: clocks at the Polytechnic Museum Moscow, Horological Journal, March 1990

ARTICLE: Clockmakers of Rakovnik, Clocks, October, 1991

ARTICLE: Clocks in the Smithsonian, Horological Journal, October 1992

PAPER: Tracing the Origins of Cosmology and Timekeeping, paper for World Archaeological Congress 3 - India - New Delhi, December 1994

ARTICLE: for Space.com Reporters (then a member) following 11th September 2001, on Ulughbeg and how he was murdered by religious extremists. This was copied around the world – and there are still some (often widely inaccurate versions) around. Was paid with a CD and a big t-shirt.

Added Qualification in Internet Technologies 2000 to BA (hons) history: Also learned to drive. Last Adult Education Class that taught was on Siberia. Then had to retire as 60. Designed and maintained websites for others. Helped with grand-daughter. Still updating and adding material to own website: cosmicelk.net.

The Cosmic Elk Publications

ISBN 1871443

Edited and published by Heather Hobden

John Harrison and the Problem of Longitude: authors: Mervyn Hobden and Heather Hobden: 8 editions from 1988- latest edition now available as pdf download from cosmicelk site and others. Mervyn Hobden has added the technical research and information in published articles and still gives talks on this.

First Scientific Ideas on the Universe: author Heather Hobden, 1992. (out of print but updated on cosmicelk.net)

Law or War? Legal Aspects of the Cuban Missile Crisis: author Eddie Hobden, 1992 (out of print)

The Telescope Revolution: The Impact of the Telescope on Astronomy in the 17th and 18th centuries, 1992, 1993. (out of print but updated on cosmicelk.net)

Planets handbook: author Heather Hobden, 1996. (out of print but updates on each planet and rest of solar system on cosmicelk.net).

Red Shift and the Origin of the Universe, 1997. (out of print but updated on cosmicelk.net).

Life and Death According to the Traditional Beliefs of the Yakuts. Author: Rosa Bravina, 1995. (out of print)

Inside the Hampton Court Clock: from 2000, latest updated edition now available on Amazon ISBN: 9781871443141.

Ulughbeg and his Observatory in Samarkand, author: Heather Hobden, 1999. Now available as free PDF download.

The King of Siam's Eclipse, the total solar eclipse of August 18th, 1868, and other fateful eclipses in Thailand. 2002. Updated pdf. is free online.

Tudor Bastard, Henry VIII's Son, Henry Fitzroy, Duke of Richmond and Somerset and his mother, Elizabeth Blount. Author Heather Hobden. 2001.

This was a short version developed from an article, the full length edition is not yet complete and the unfinished draft complete with notes and references can be read at

<http://www.cosmicelk.net/tudorbastard.htm>. Feedback welcome.

Adult Education Tutor:

Part-time adult education tutor from 1983 to 2003. Astronomy.

Talks:

from 1971: on Hampton Court Clock, Harrison and finding longitude, History of Siberia, other talks based on the history of astronomy. Always illustrated, with slides, then powerpoint.

History (summary): born Hampton Court Palace, (maternity hospital moved there in WW2). 1954-1959 Walthamstow High School, est. 1512, (note possible Tudor influence in life).

1959, school entered me and another girl for St.Martins, parents made me do secretarial instead. 1960-1966 worked mainly for magazines (editorial) and television (programme planning). Was at Aeroplane and Astronautics when Gargarin made the first manned space flight, and helped put the story together. At ABC TV had met the Beatles twice at work, while my friends at school were still in the 6th form and collecting their photos. Also office had the red phone which kept giving news of the next space flights.

From 1966: Studied part-time while working part-time, and bringing up twins. (Early experience as shopgirl in fashion as well as being able to do office work was useful but not nearly as much as being able to write about history of science). Had a number of helpful friends and interesting contacts who helped with references to get access to libraries and manuscripts and other source material, as well as useful places of interest and people, to write articles on historic clocks, history of astronomy and timekeeping. Taught astronomy evening classes and did other part-time work. Retired. Married to Mervyn Hobden, one son works for British law firm in Thailand, the other works in local Engineering company, and has daughter.

Website: <http://www.cosmicelk.net/index.htm>

Has updates on former articles and other work, with relevant links and contributions to others. Still in progress.

Voluntary work includes helping to run local library readers group. We are currently trying to prevent the County Council closing our local libraries.

Can find **cosmicelk** on Google, Linkedin, Google+, Facebook, twitter, etc. And own expanding website: **cosmicelk.net**.