History of Paper Timeline

200 BC
First steps
First parchment manufacture appeared in Ancient China, more precisely in Pergamon (Asia Minor)

105
Rag Paper in China
Ts'ai Lun (Chinese) invented paper making from mulberry and other barks, fish nets, hemp and rags. 300 Paper, superseded other materials, as the main writing material in China

390
Papyrus to parchment
Dying of papyrus as writing material and more general usage of parchment. 610 Papermaking introduced into Japan.

715
Arabs started producing paper after they learned its recipe from Chinese prisoners. 950 Paper being used in Spain..

1041
Pi Sheng (Chinese) invented the first movable type

1100-51
Paper moves into Europe
First use of paper in Constantinople & Italy. 1109 earliest European paper MS – deed of King Roger (Arabic & Greek). 1151 Rag started being manufactured in Europe (Spain).1228 earliest use of paper in Germany.

1282
First Watermarks in Europe
Watermarks started being used in Europe. 1309 First use of paper in England. 1322 First use of paper in the Netherlands. 1337 Earliest use of animal sizing for paper in Europe. 1423 The beginning of block printing in Europe.

1455
Gutenburg Bible
Gutenberg printed the first bible with moveable type.1486 First English book printed on paper with colour printed illustrations.

1550
Marbled Paper & Paste Board
1550 Probable earliest use of marbled paper, a Persian invention.1580 First pasteboard manufactured in Europe. 1590 Introduction of marbled paper into Europe.

1595
Paste Paper & Hollander Beater
First use of paste paper in Germany, France and Italy. 1597 First use of Mitsumata as a papermaking fibre in Japan. 1680 The invention of the "Hollander" beater for producing paper pulp.

1757
Wove Paper
James Whatman developed a woven wire fabric, leading to the first wove paper in Europe.

1798
First Machine Made Paper
Nicholas Robert invented the first paper making machine, it was a hand powered device where paper was made on a continuously moving screen belt to allow a continuous flow of wet paper to a pair of squeeze rolls.

CODEX CONSERVATION

CODEX
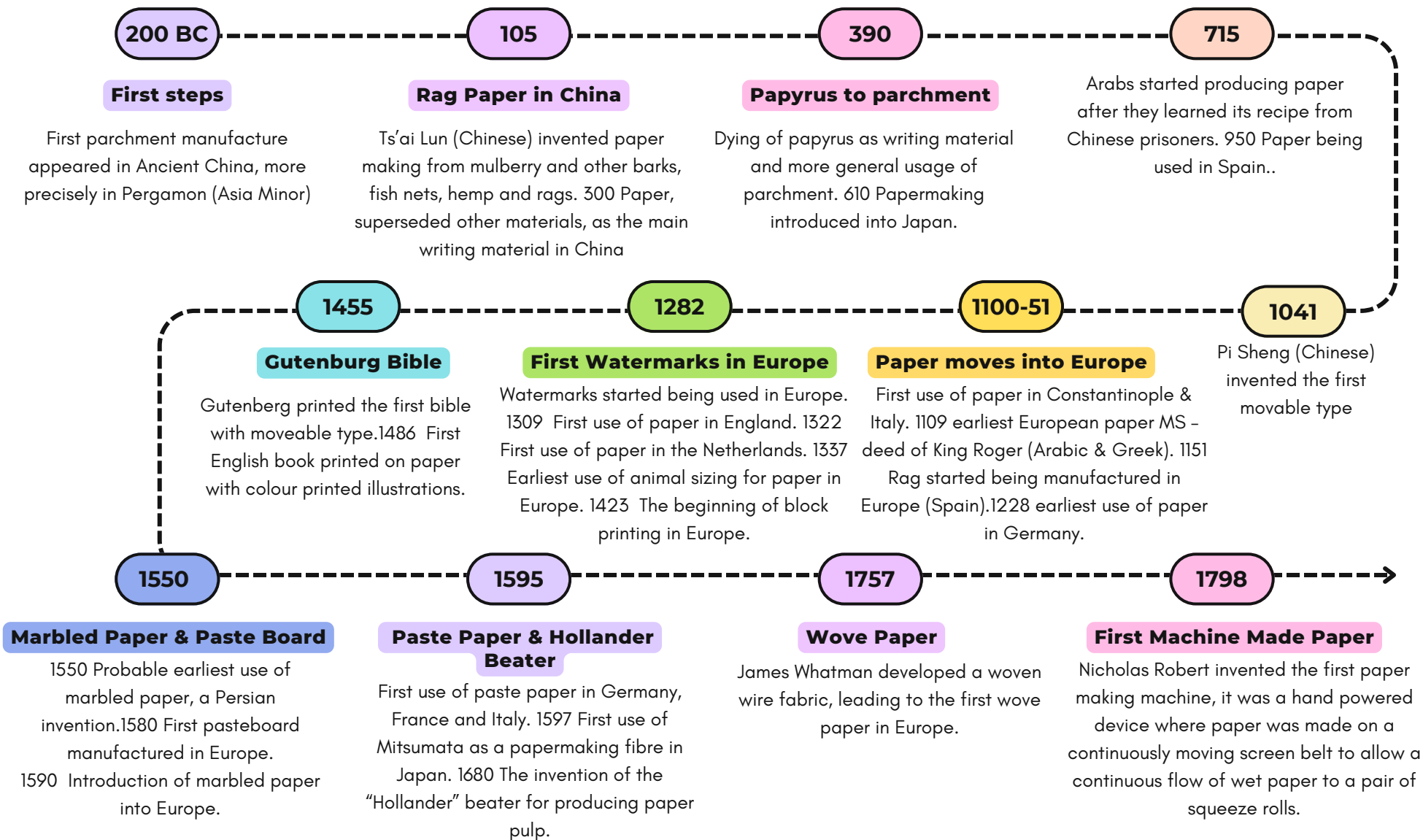CONSERVATION

1800
Blotting paper & First commercial paper-machine & Carbon Paper

Beginning of the general use of blotting paper. 1804 First commercial paper-machine installed at Frogmore Mill, Hertfordshire. 1806 Ralph Wedgwood (English) invented carbon paper.

1807
Fourdrinier & Alum Rosin Sizing & Clay-loaded Paper

1807, Fourdrinier brothers improved Robert's machine and the first successful Fourdrinier machine was built by Henry Donkin in England. The invention of alum rosin sizing for paper by Moritz Friedrich. First use of clay-loaded paper.

1809
Cylinder Mould Paper Machine

John Dickinson (English) invented the cylinder mould paper-machine.

1820
Heated Steam Cylinder

Thomas Crompton invented the heated steam cylinder to allow paper to be dried on machines.

1857
Improvement of Wood Pulp

Addition of calcium bisulfite in wood pulp is patented. 1867 C.B. Tilghman (American) improved paper made of wood pulp with sulfites. 1879 C.F. Dahl discovered the improvement of wood pulp with the addition of sodium sulphate.

1856
Corrugated paper

Corrugated paper patented.

1844
Wood Pulp

Friedrich Keller (German) invented paper making from groundwood pulp. 1851 First useful paper made from chemical wood fibre by Hugh Burgess (English). 1854 Paper being made from cellulose fibres extracted from timber with caustic soda.

1823
Gypsum & Dandy Roll

Gypsum (calcium sulphate) first used as filler. 1825 John and Christopher Phipps (English) invented the Dandy Roll.

1880
Pictorial Endpaper

First appearance of pictorial endpapers in books.

1884
Use of Sulfite in pulp

Kraft (sulphate) pulping process invented by Carl F. Dahl. 1900 Sulfite pulping becomes the dominant means of producing wood pulp.

1925
Calcium Carbonate Filler

Calcium carbonate first used as filler.

1930's
Recovery Boiler

Recovery boiler invented by G. H. to recycle almost all of their pulping chemicals. The process produces paper of superior strength and durability