

AccessionIndex: TCD-SCSS-V.20121208.640

Accession Date: 8-Dec-2012

Accession By: Prof.J.G.Byrne

Object name: Table of the logarithms of the natural numbers from 1 to 108000, 4th Edition

Vintage: c.1844

Synopsis: Babbage, C., Murray: London, contains a printed inscription from Babbage to Lt-Colonel Colby of the Royal Engineers.

Description:

In 1827, prompted by his friend Lt.Col.Thomas Frederick Colby of the Irish Ordnance Survey (like Babbage also a founder of the Astronomical Society), who wanted a compact set of field tables, Babbage created a greatly improved table of logarithms, a major achievement in itself, by comparing many existing tables, and where different, recalculating the correct value. The book in this collection is a 4th Edition, printed in 1844, and inscribed "W^m Davis, Coniston Cold, 1847". This collection also has a proof copy to the 1st Edition, see elsewhere in this catalog.

For the front and rear covers, title pages, table of contents, selected content, etc, see Figure 1 onwards below.

The homepage for this catalog is at: <https://www.scss.tcd.ie/SCSSTreasuresCatalog/>
Click 'Accession Index' (1st column listed) for related folder, or 'About' for further guidance.
Some of the items below may be more properly part of other categories of this catalog, but are listed here for convenience.

Accession Index	Object with Identification
TCD-SCSS-V.20121208.640	Table of the logarithms of the natural numbers from 1 to 108000, 4th Edition, Babbage, C., Murray: London, contains a printed inscription from Babbage to Lt-Colonel Colby of the Royal Engineers, c.1844.
TCD-SCSS-V.20161219.001	Table of the logarithms of the natural numbers from 1 to 108000, proof copy to the 1st Edition, Babbage, C., Murray: London, contains a printed inscription from Babbage to Lt-Colonel Colby of the Royal Engineers, c.1827.

References:

1. Babbage, Charles, *Table of the Logarithms of the Natural Numbers from 1 to 108000*, J. Mawman, Ludgate-Street, London, 1827.
2. Roegel, Denis, *A reconstruction of Charles Babbage's table of logarithms (1827)*, LOCOMAT project, 9-Oct-2012, see:
<http://locomat.loria.fr/babbage1827/babbage1827doc.pdf>
Last browsed to on 7-Dec-2016.
3. Wikipedia, *Charles Babbage*, see:
https://en.wikipedia.org/wiki/Charles_Babbage
Last browsed to on 7-Dec-2016.

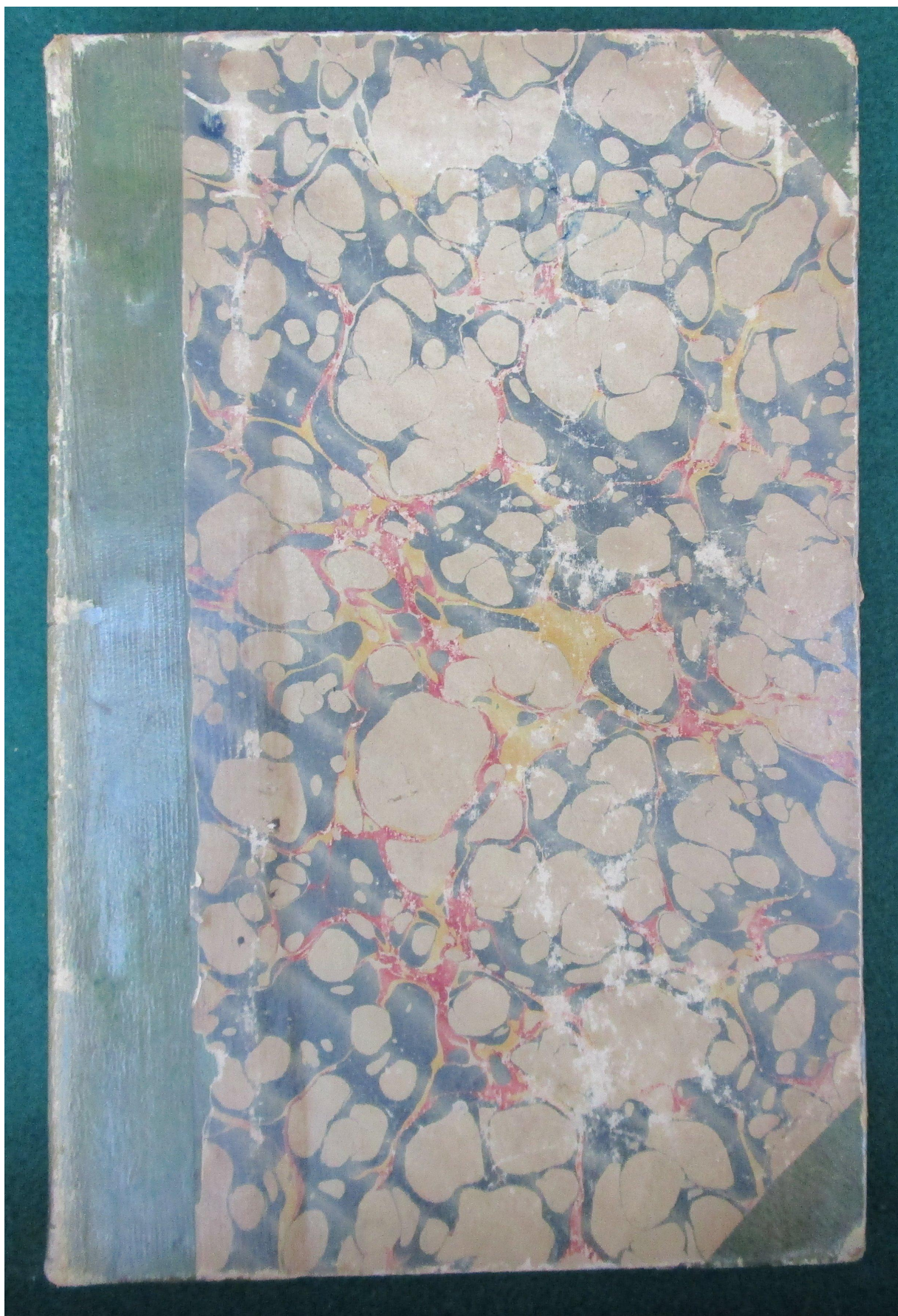


Figure 1: Babbage's Table of Logarithms, Front Cover



Figure 2: Babbage's Table of Logarithms, Rear Cover

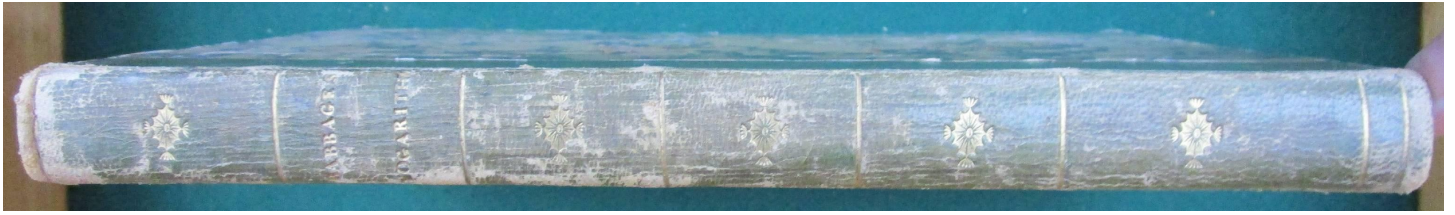
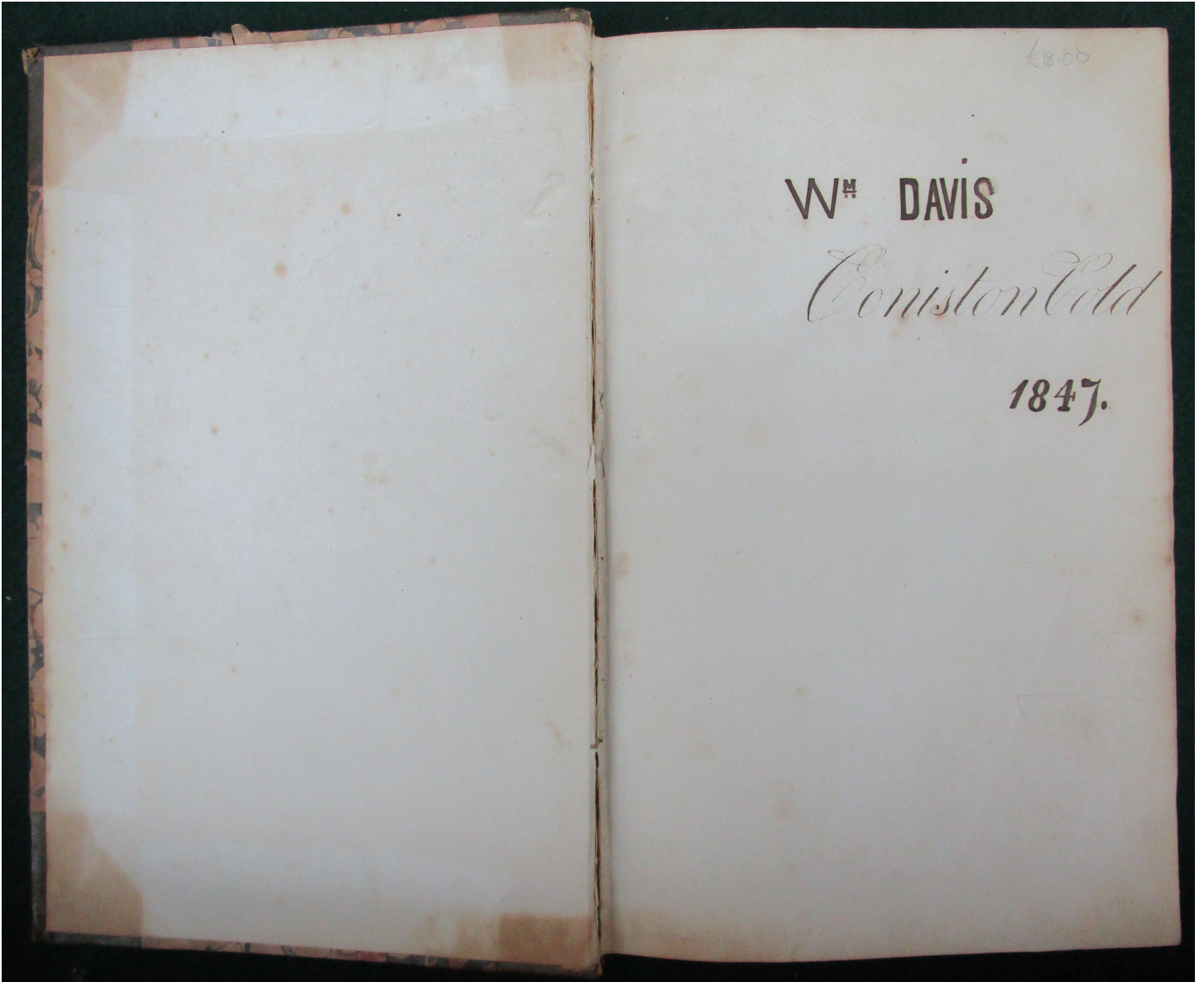


Figure 3: Babbage's Table of Logarithms, Binding



*Figure 4: Babbage's Table of Logarithms, annotation on blank page opposite front cover
"W^m Davis, Coniston Cold, 1847"*

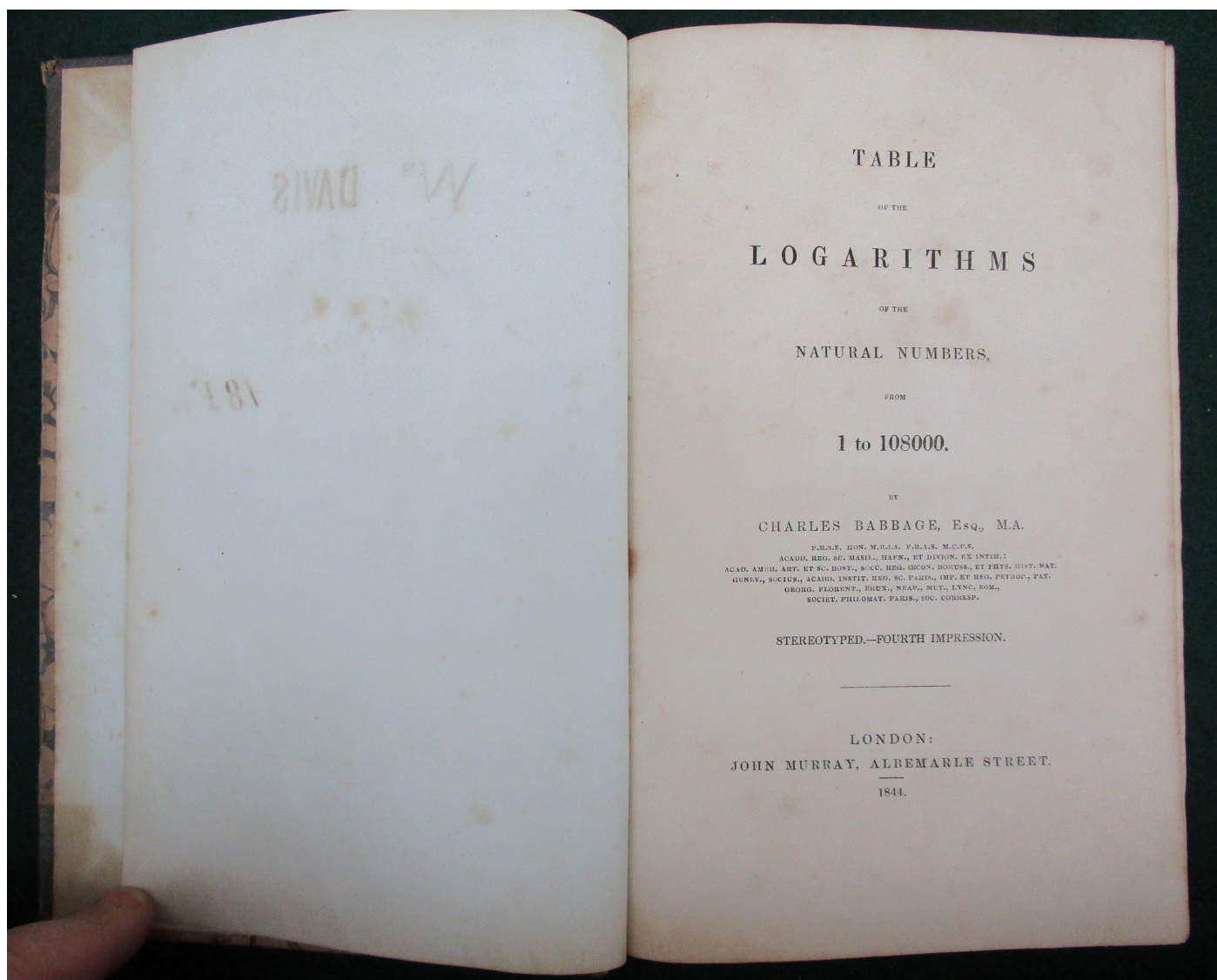


Figure 5: Babbage's Table of Logarithms, Title Pages page 1

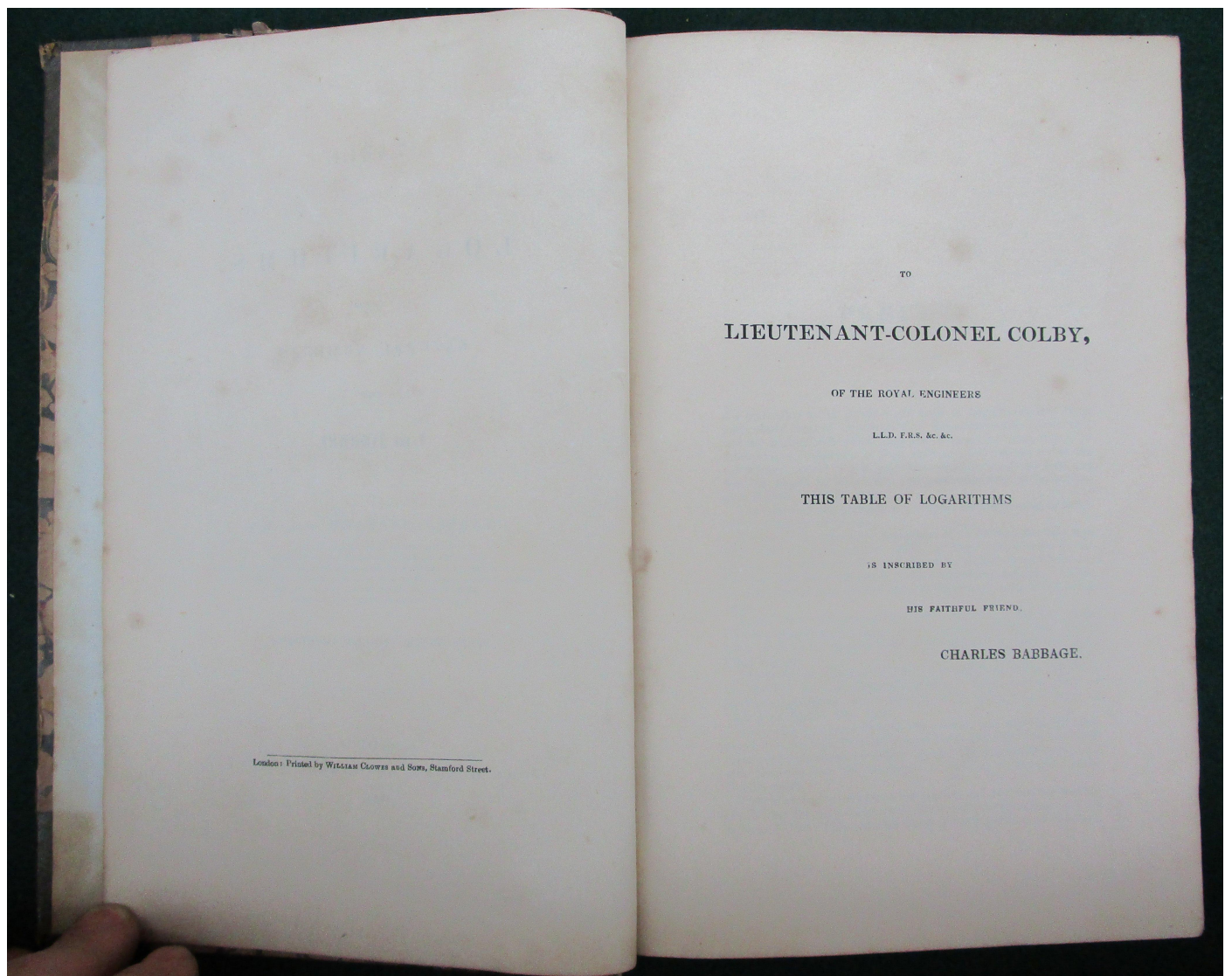


Figure 6: Babbage's Table of Logarithms, Dedication Page

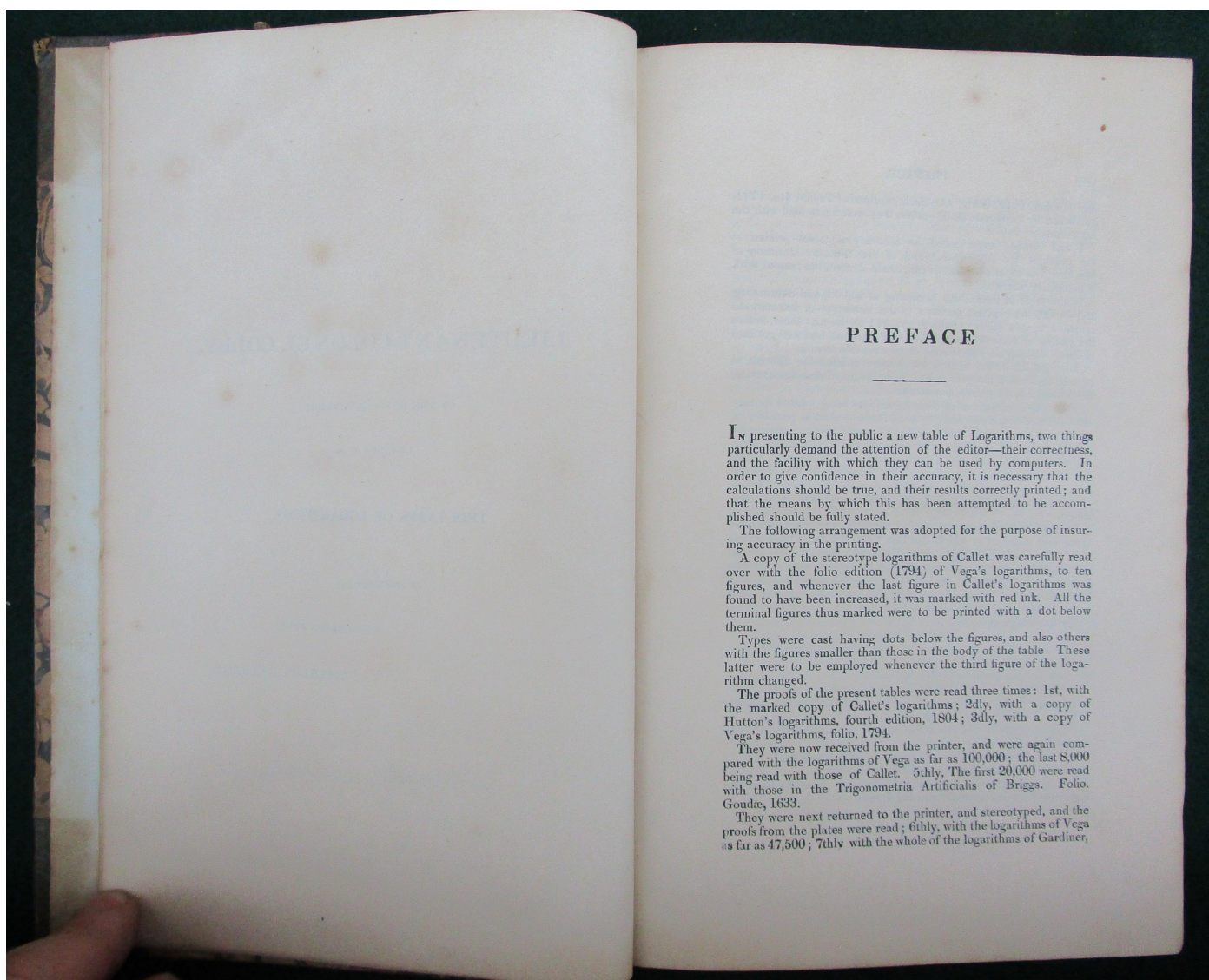


Figure 7: Babbage's Table of Logarithms, Preface Pages page 1