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**A delineation of the strata of England and Wales, with part of  
Scotland**

**Smith, William**

**London, 1815**

**ETH-Bibliothek Zürich**

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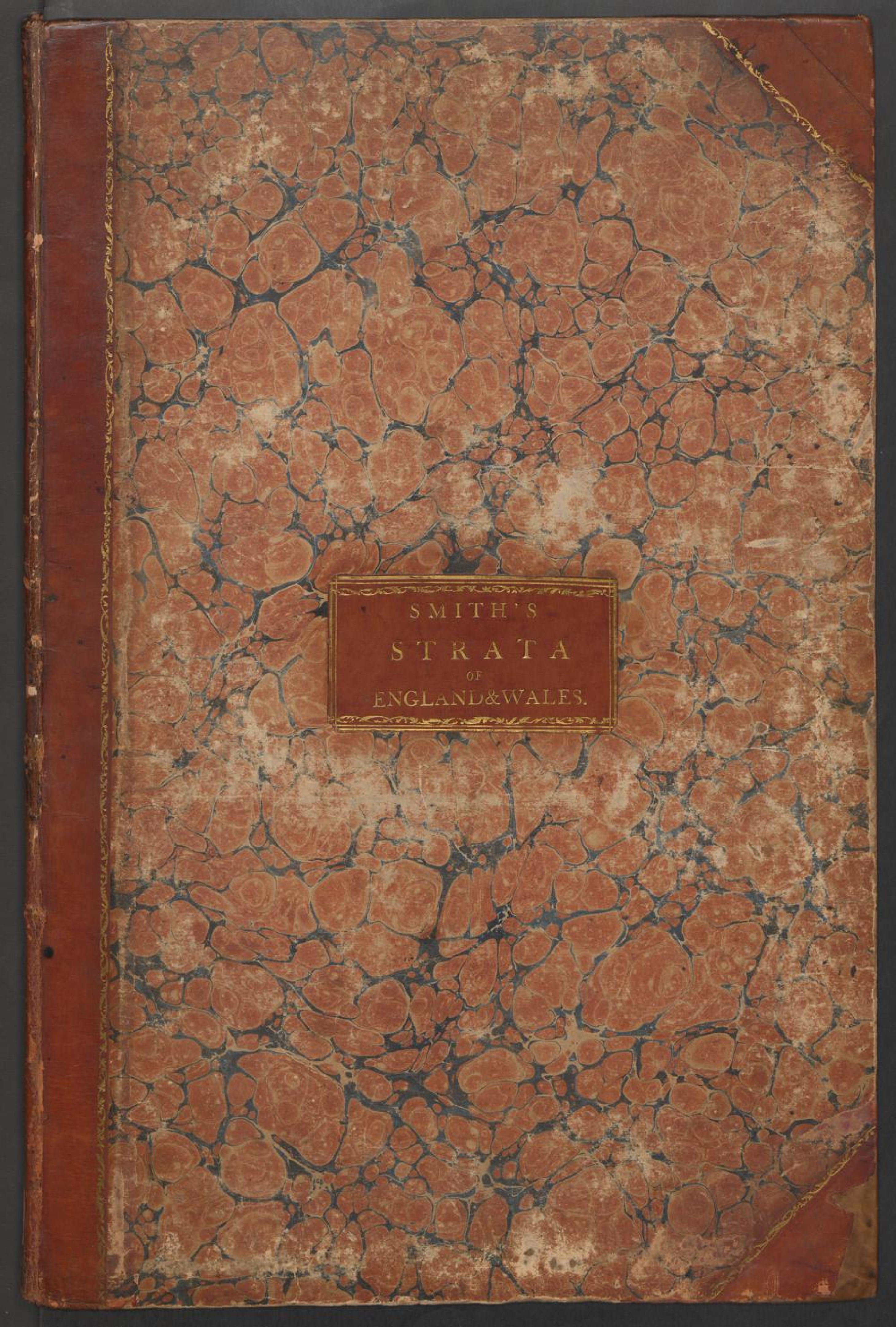
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The image shows the front cover of an antique book. The cover is decorated with a marbled paper pattern in shades of brown, tan, and dark blue, featuring a cellular or 'stone' pattern. The spine of the book is bound in dark reddish-brown leather. A central rectangular label with a gold border contains the title in gold lettering. The text on the label is: SMITH'S STRATA OF ENGLAND & WALES.

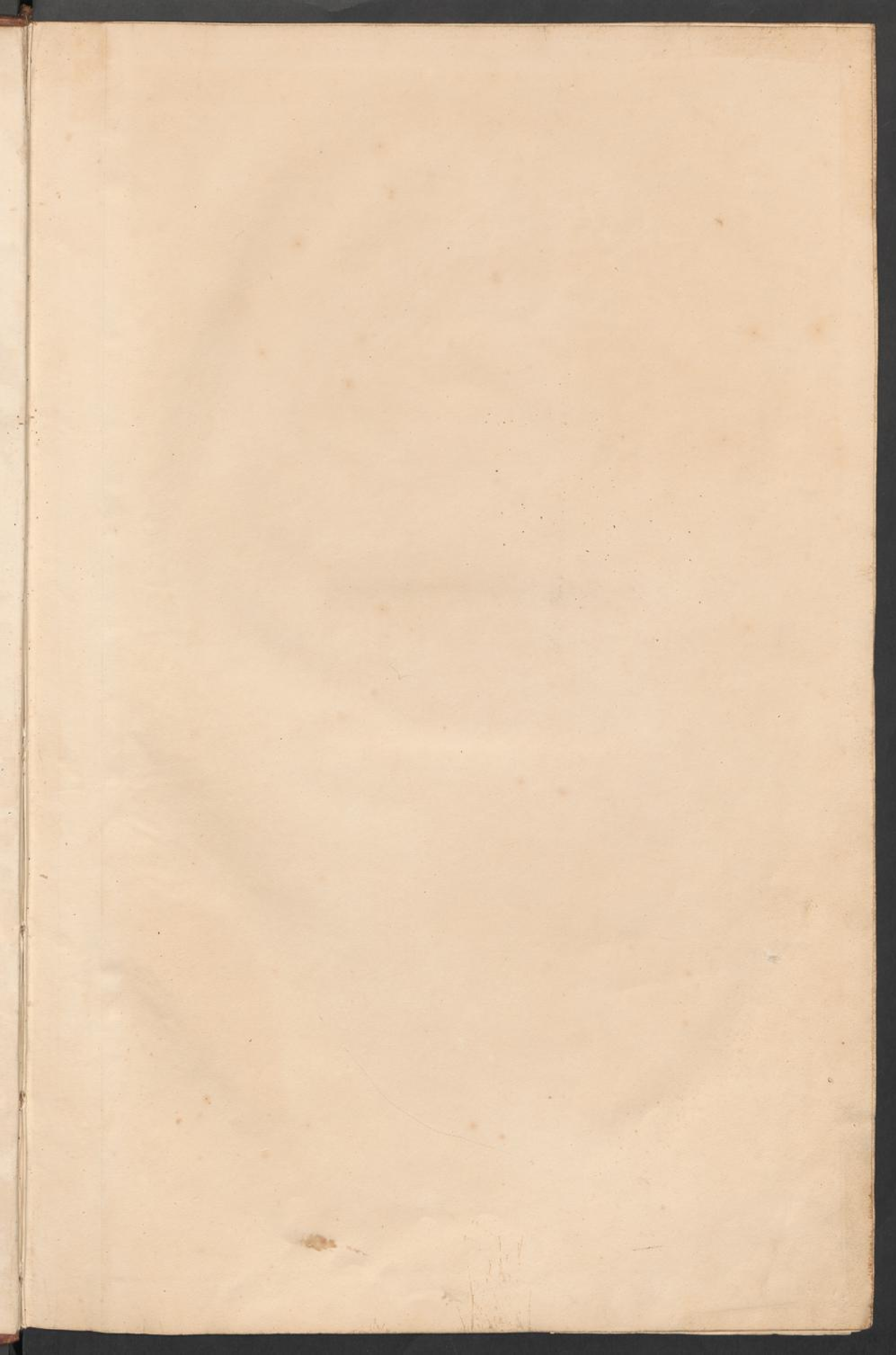
SMITH'S  
STRATA  
OF  
ENGLAND & WALES.

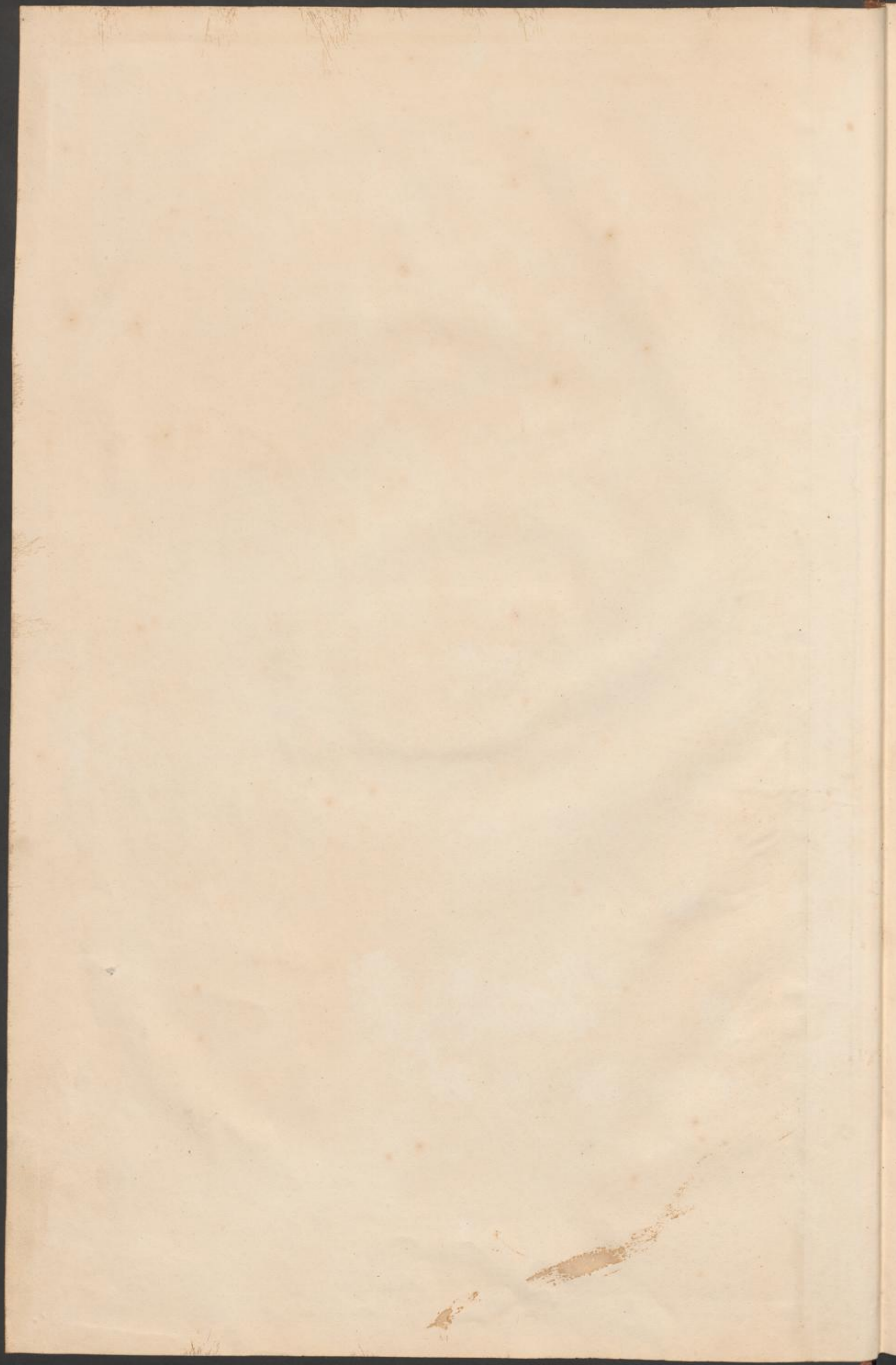
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Sheet 6 signed 'Wm Smith A4'

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A  
DELINEATION  
OF THE  
S T R A T A  
OF  
ENGLAND AND WALES,  
WITH PART OF  
S C O T L A N D :  
EXHIBITING  
THE COLLIERIES AND MINES.

THE MARSHES AND FEN LANDS *ORIGINALLY OVERFLOWED* BY THE SEA,  
AND THE  
*VARIETIES OF SOIL*

*ACCORDING TO THE VARIATIONS IN THE SUBSTRATA.*

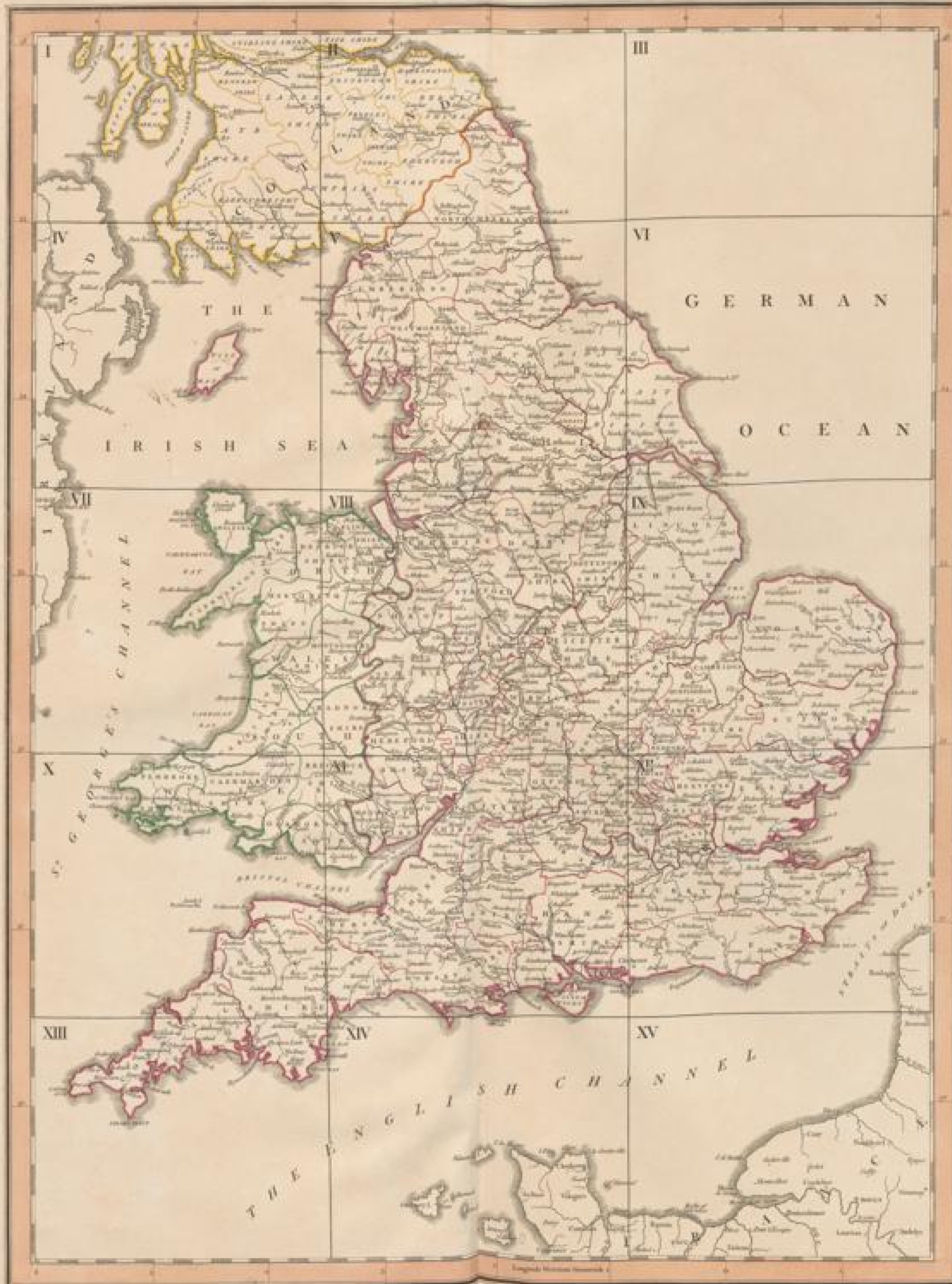
ILLUSTRATED by the MOST DESCRIPTIVE NAMES

BY W. SMITH.

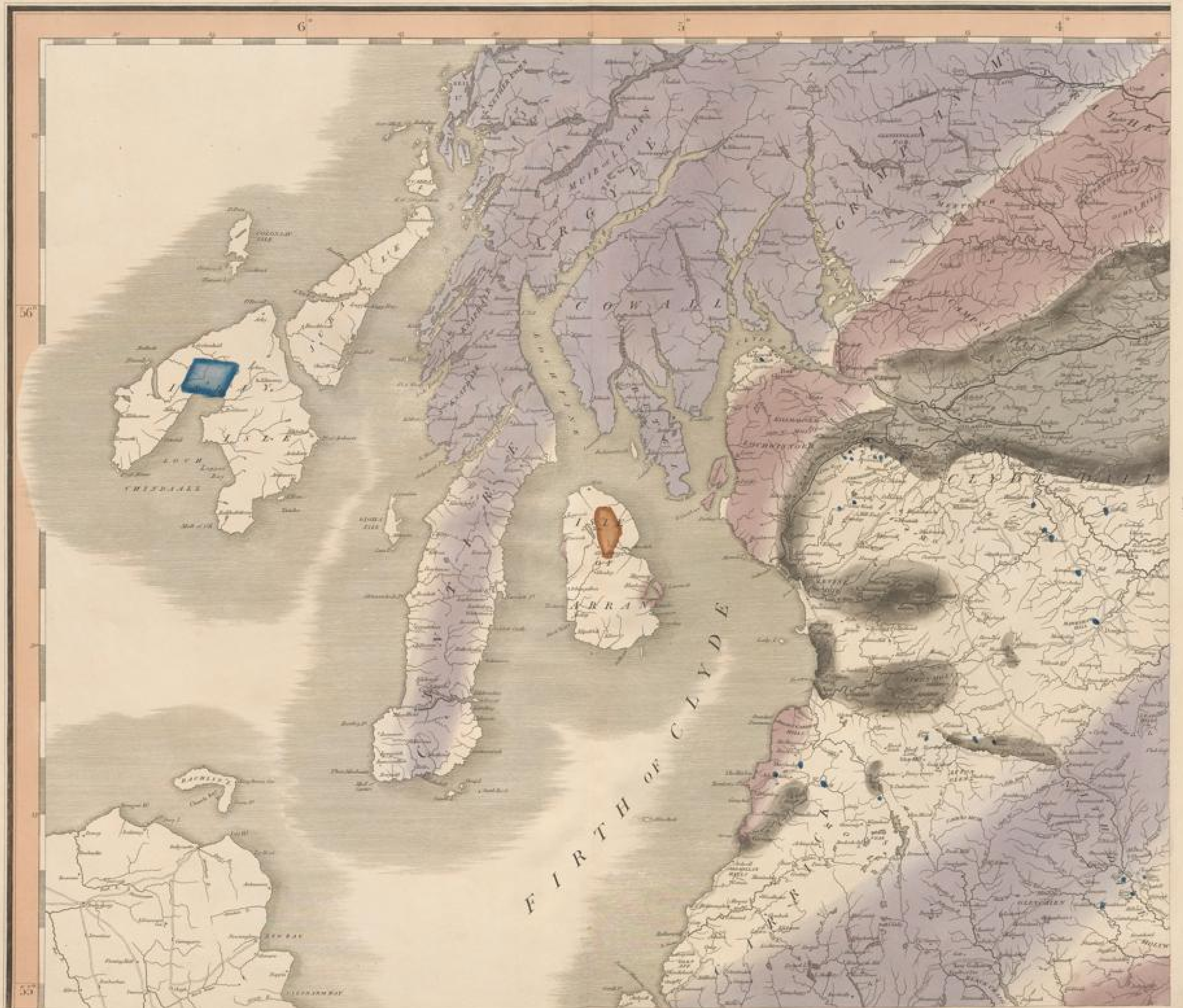
To the Right Hon<sup>ble</sup> Sir Joseph Banks Bart. P. R. S.  
This MAP is by Permission most respectfully dedicated  
by his much obliged Servant  
W. Smith.

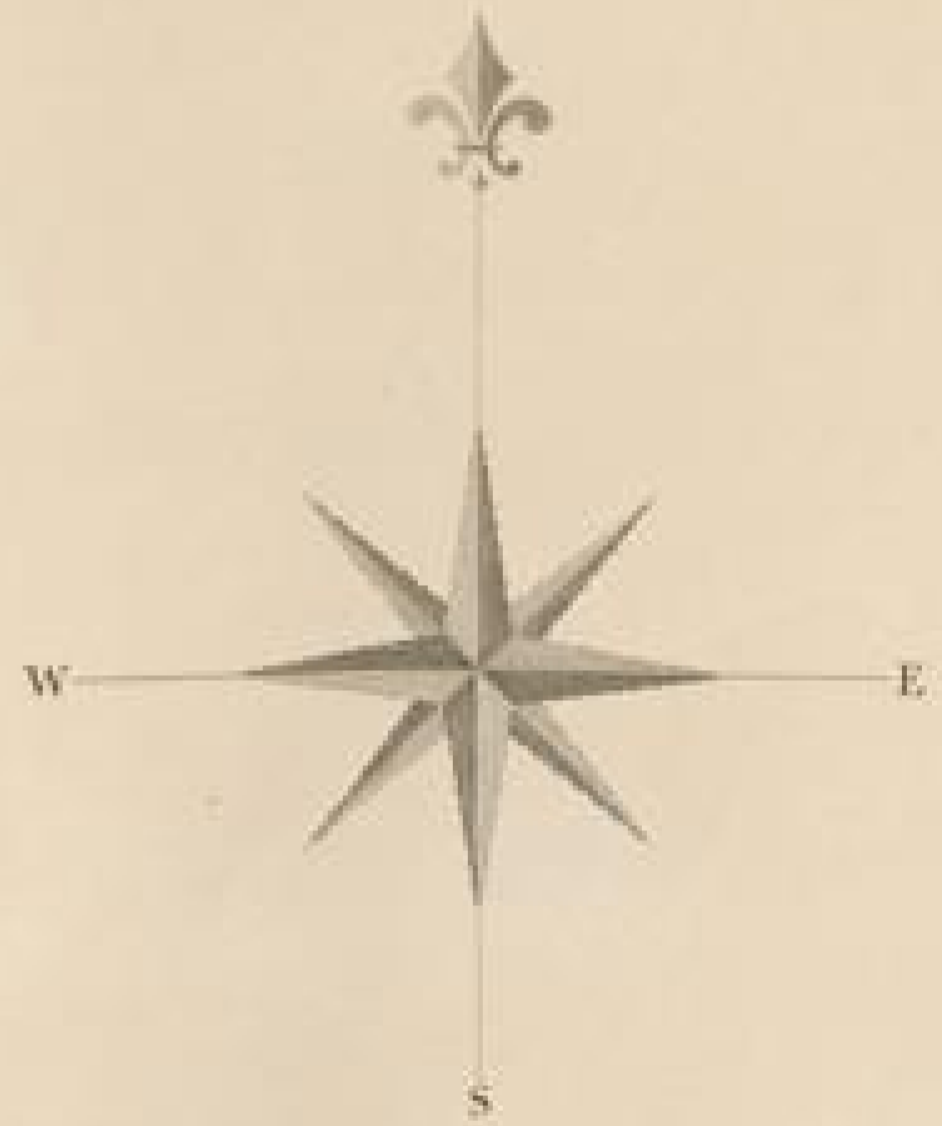
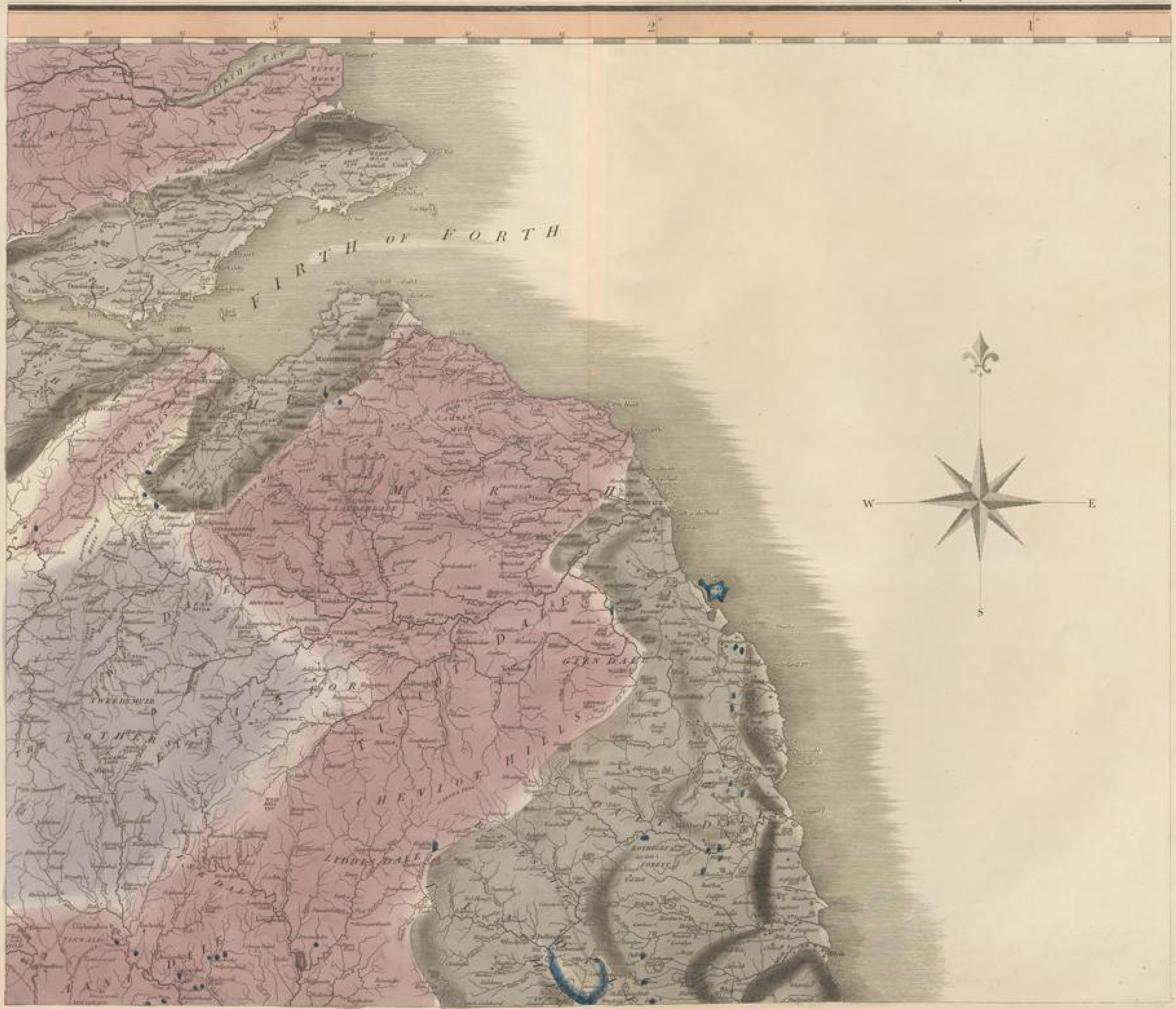
Aug<sup>r</sup> 1. 1815.

GENERAL MAP











I R I S H S E A

T H E



T H E

G E R M A N

O C E A N



Sketch of the Succession of STRATA and their relative Altitudes. M<sup>r</sup> Smith - a. 81



G E O R G E S C H A N N E L














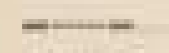
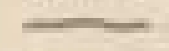
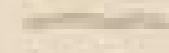







S.

EXPLANATION.

-  London Clay of Eastern Highlands and Western Hills.
-  Clay and Breckworth, with some sand and gravel.
-  Sand and light loam.
-  Chalk.
-  Green sand, parallel to the Chalk.
-  Blue Marl, or Chalked Soil.
-  Portland Stone, Kimble Bay, and Limestone of the Vale of Pickering.
-  Iron sand or Gossans.
-  Chalk Clay and Shale, Vale of South Wales and Bedford.
-  Gredonish Limestone.
-  Forest Marble and Clay.
-  Great Oolite, or Bath Stratum.
-  Under Oolite.
-  Blue Marl Portions of the Midland Counties.
-  Blue and White Lias Limestone.
-  Red Marl, Millstone and Breckford Limestone.
-  Magnesian Limestone.
-  Carboniferous - Forest passing Crinoidiferous and Millstone.
-  The Sea.

Notes on Symbols.

-  Perforated Limestone.
-  Red and Stratum Devon and the south-Eastern Part of Scotland.
-  Various strata of Yorkshire, Lancashire and Derby.
-  Blue and Slate of Cornwall, Devon, Wales, Westmorland, and Scotland.
-  Granite, Gneiss and Quartz.
-  Roads marked by strong lines thin.
-  Roads.
-  Rail Roads.
-  Other Roads.
-  Villages.
-  Lead Mine.
-  Copper D.
-  Tin D.
-  Ash and
-  Alum Works.

The Figures show the Altitude in Feet above the Level of the Sea.

ash Works in the Bedford of Cheshire. — Derbyshire iron, Millstone, and Breckford near Worcester.

Alum Works. — North West Mine.



BRISTOL CHANNEL



N E L

MOUTH OF THE SEVERN

HARLOR DOWN

LIMBOROUGH DOWN

WIMBORNE DOWN

ISLE OF WIGHT

STUDLAND BAY





50

British Statute Miles 69 1/2 to a Degree.

T H E

XIII

1788  
W. MASON  
1788

# E N G L I S H

XIV





C

H

A

N

N

E

XV

NORTH OF THE CHINE RIVER

Longitude East from Greenwich

50

