STRAIN.

THE SURVEYOR WHOSE MAP CHANGED THE WORLD!



WILLIAM "STRATA" **SMITH BORN AT CHURCHILL** MARCH 23, 1769





SIMON WINCHESTER

AUTHOR OF THE INTERNATIONAL BESTSELLER
THE PROFESSOR AND THE MADMAN

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MAP THAT CHANGED the WORLD



WILLIAM SMITH and the BIRTH of MODERN GEOLOGY

P.S.

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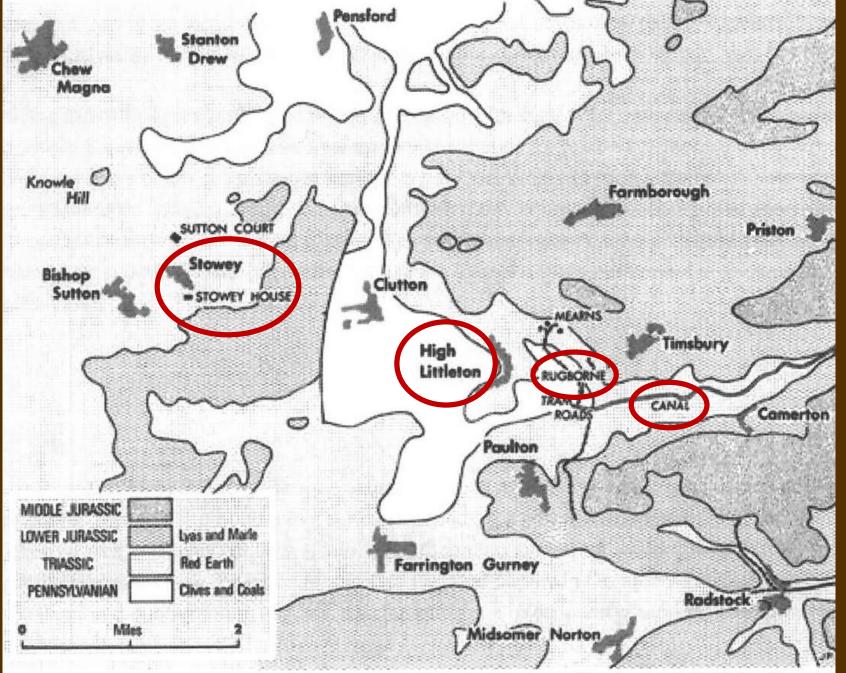
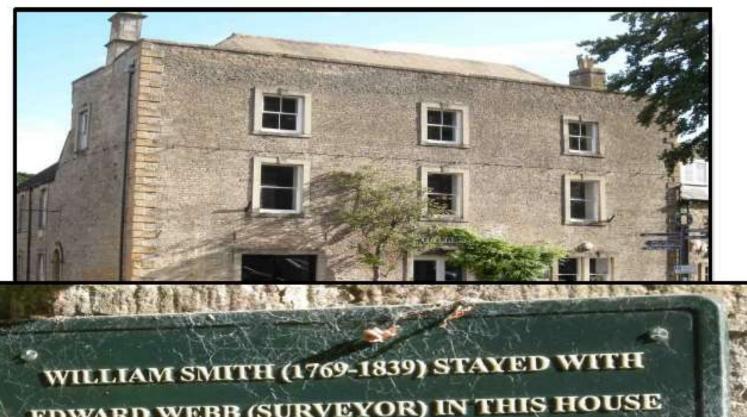


Figure 1. Reference map of the area around Sutton Court, Stowey, Farrington Gurney, and High Littleton, Somerse

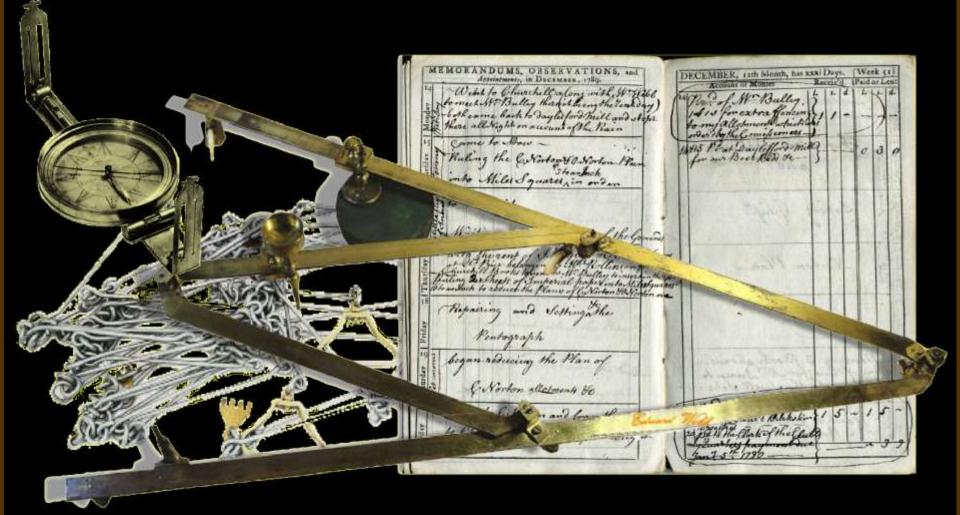


CHURCHILL, OXFORDSHIRE AND THE COTSWOLDS

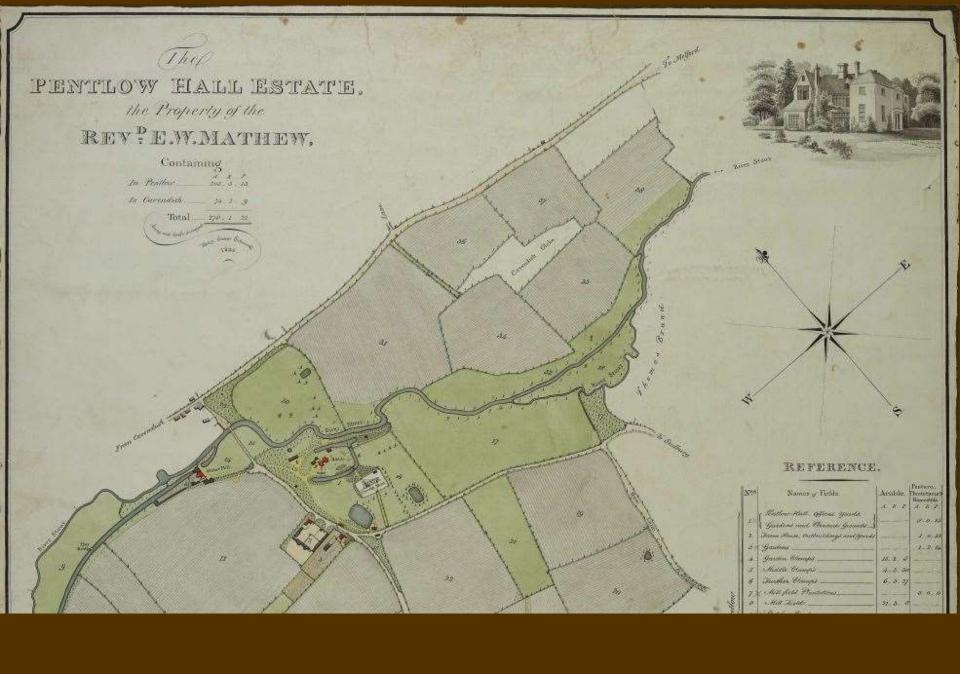


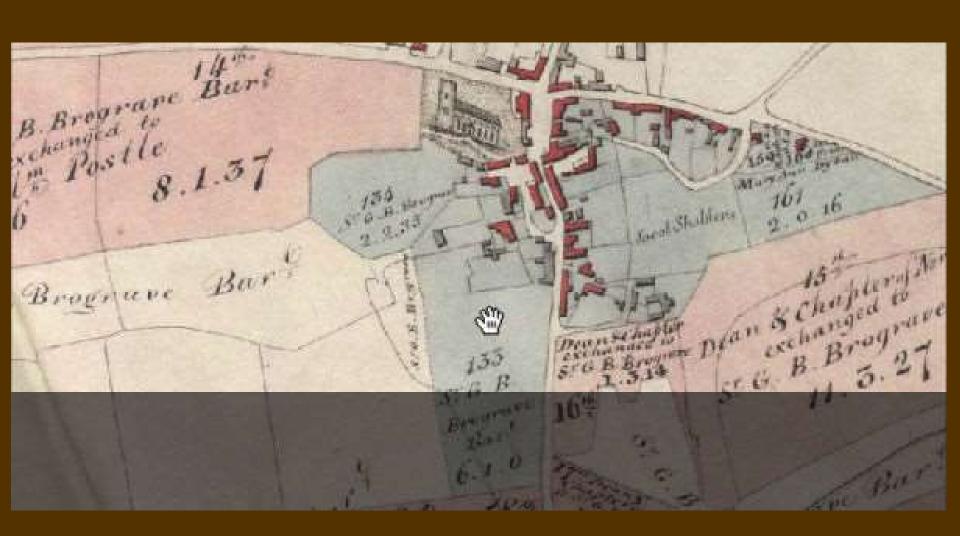
WILLIAM SMITH (1769-1839) STAYED WITH
EDWARD WEBB (SURVEYOR) IN THIS HOUSE
FROM 1787 TO 1791. SMITH'S PIONEERING
GEOLOGICAL MAP OF BRITAIN IN 1815
EARNED HIM THE TITLE
"FATHER OF ENGLISH GEOLOGY"
STOWAND DISTRICT CIVIC SOCIETY

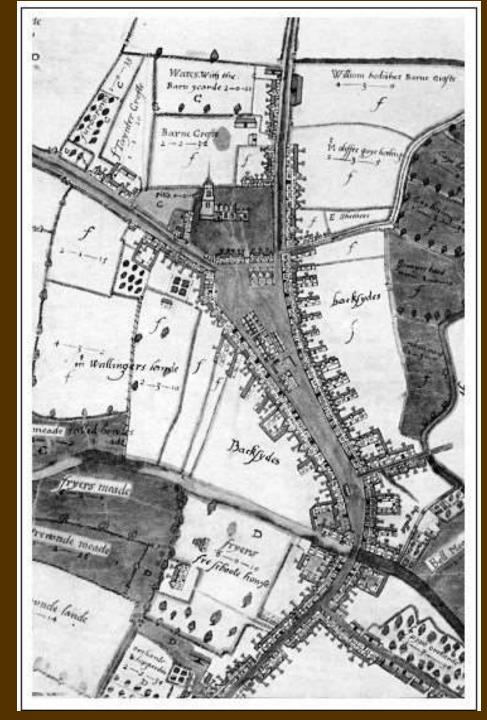




SMITH'S DIARY WITH EXAMPLES OF THE SURVEYING EQUIPMENT HE USED—CIRCUMFERENTOR, GUNTER'S CHAIN & PANTOGRAPH.







CHELMSFORD ESTATE PLAN (1591)

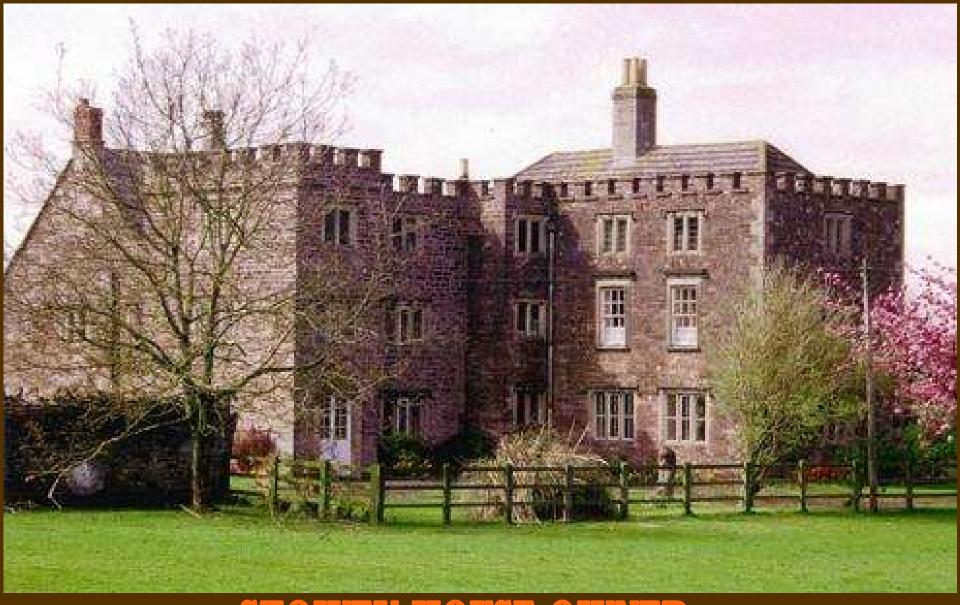






LADY ELIZABETH JONES, ONE **OF WEBB'S GLAMOROUS** CLIENTELE FOR WHOM **SMITH SURVEYED** HER VAST **ESTATE**

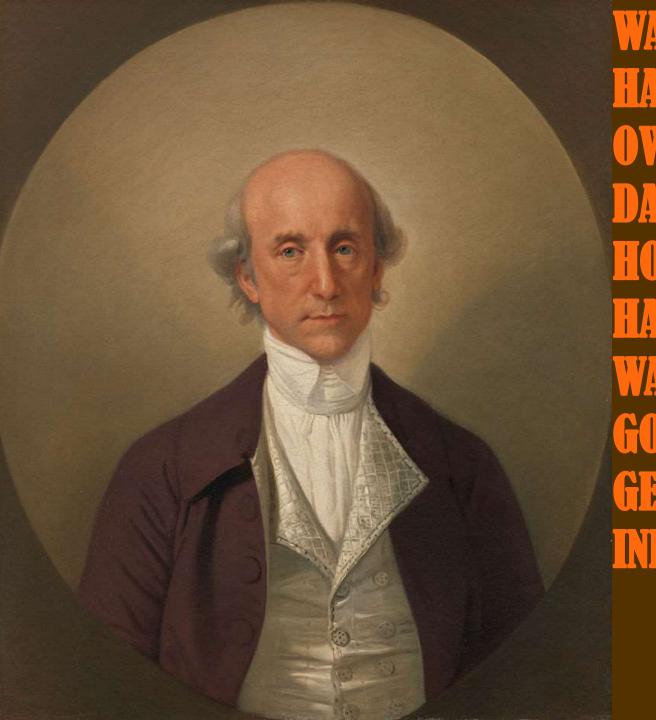




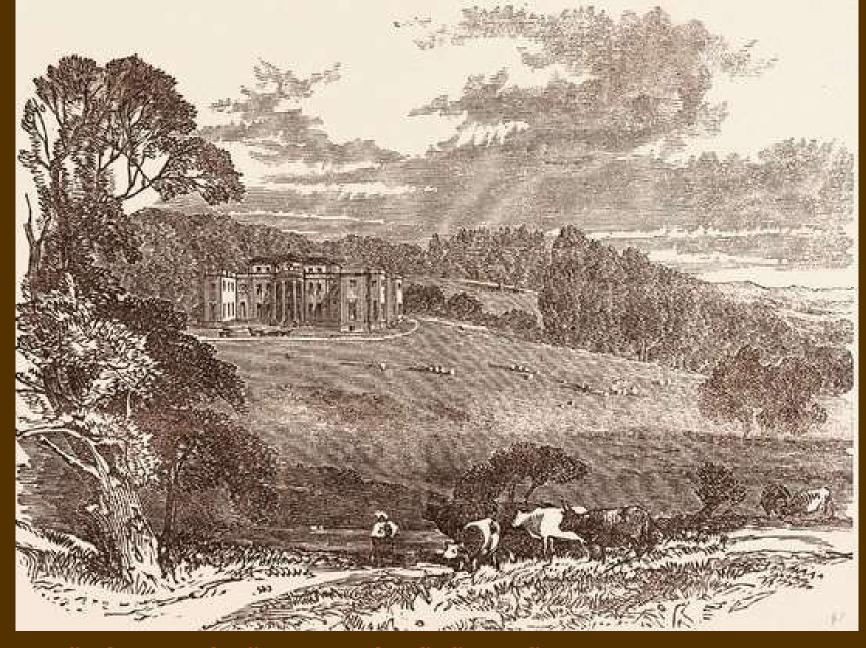
STOWEY HOUSE OWNED BY LADY ELIZABETH JONES



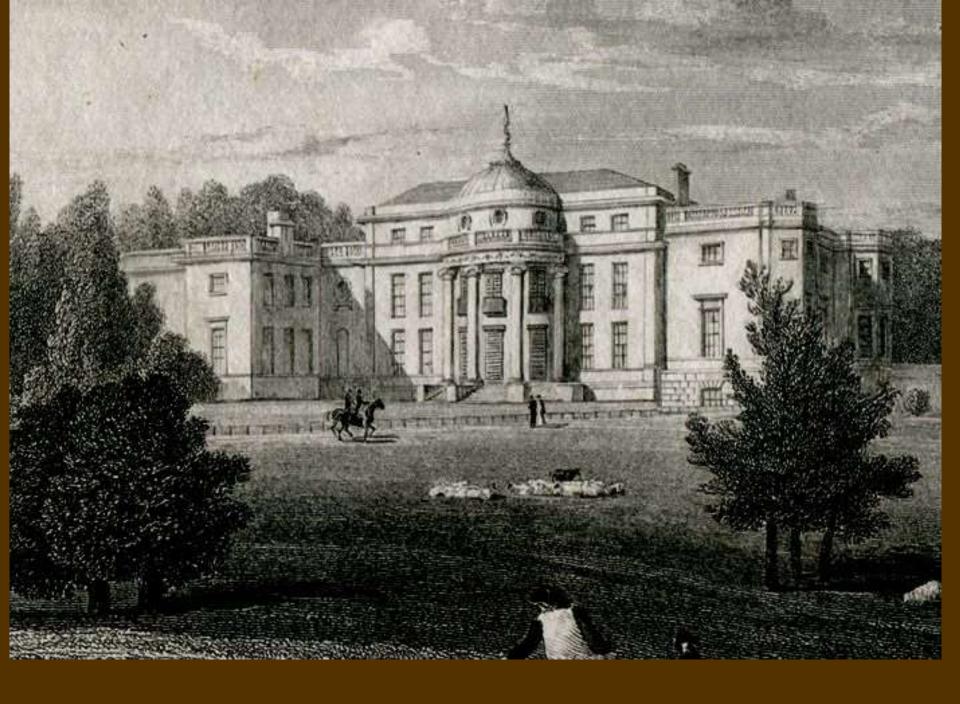
MARKET SQUARE AT STOW ON THE WOLD



WARREN HASTINGS, **OWNER OF DAYLESFORD** HOUSE. **HASTINGS** WAS GOVERNOR-**GENERAL OF** INDIA



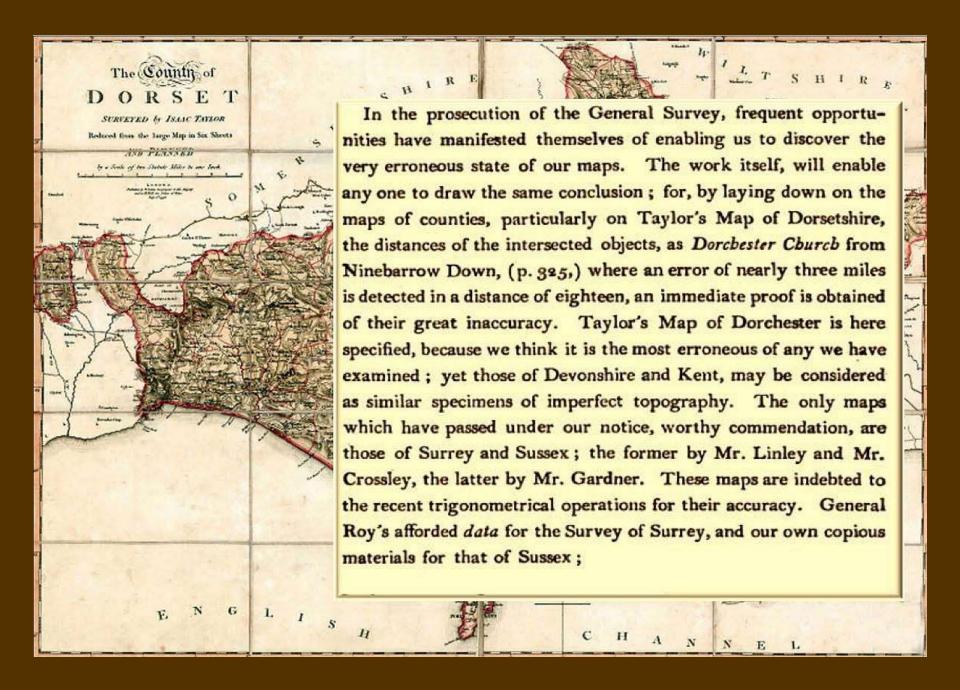
DAYLESFORD HOUSE AT WORCESTERSHIRE



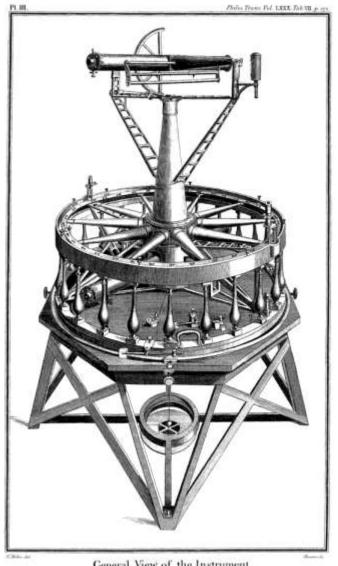


DAYLESFORD HOUSE

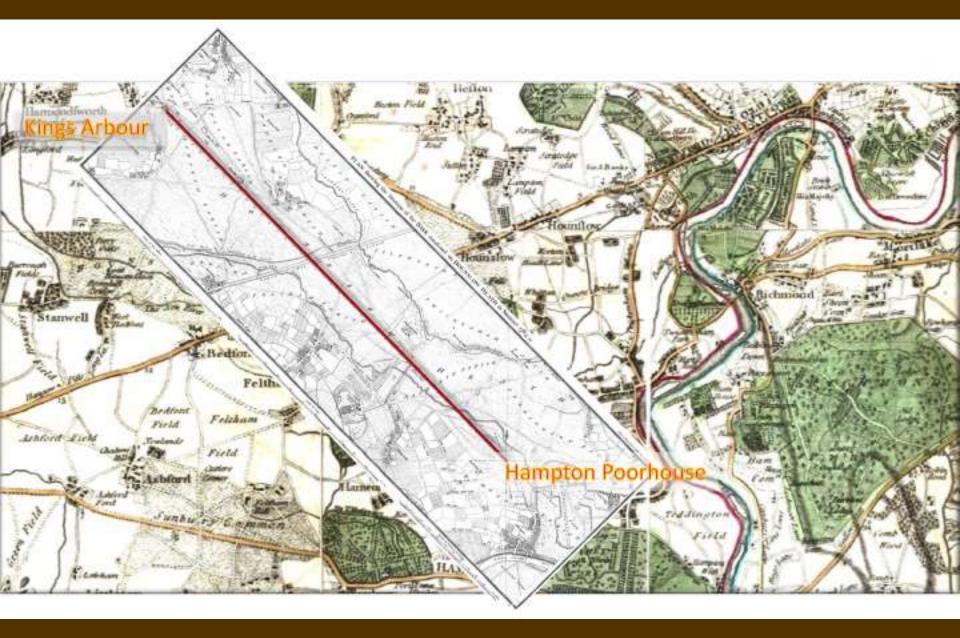




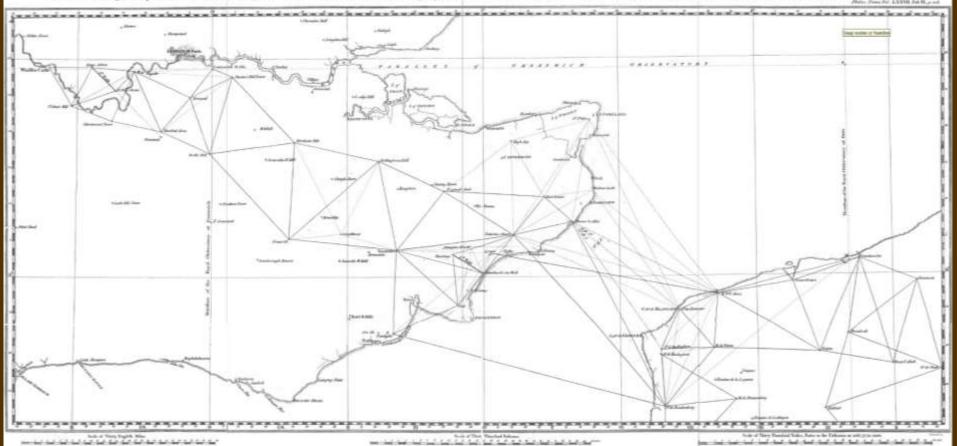


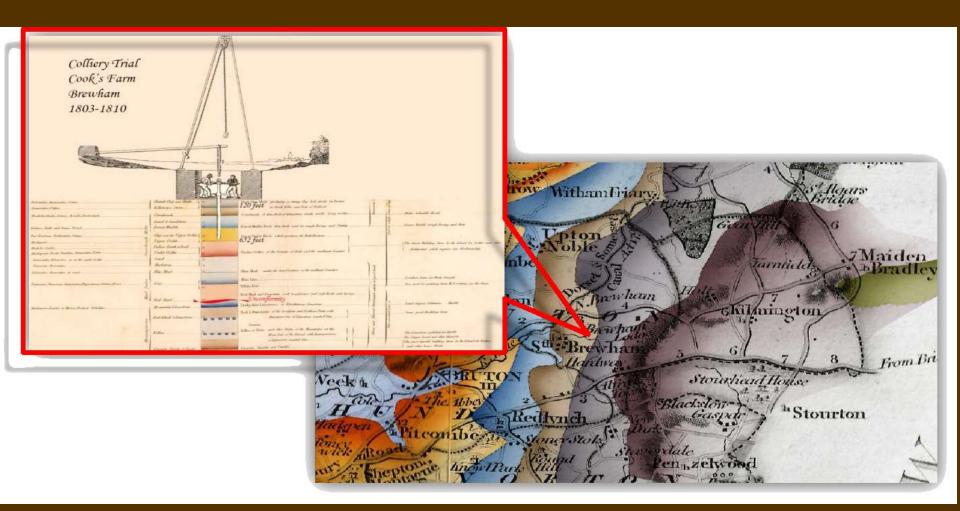


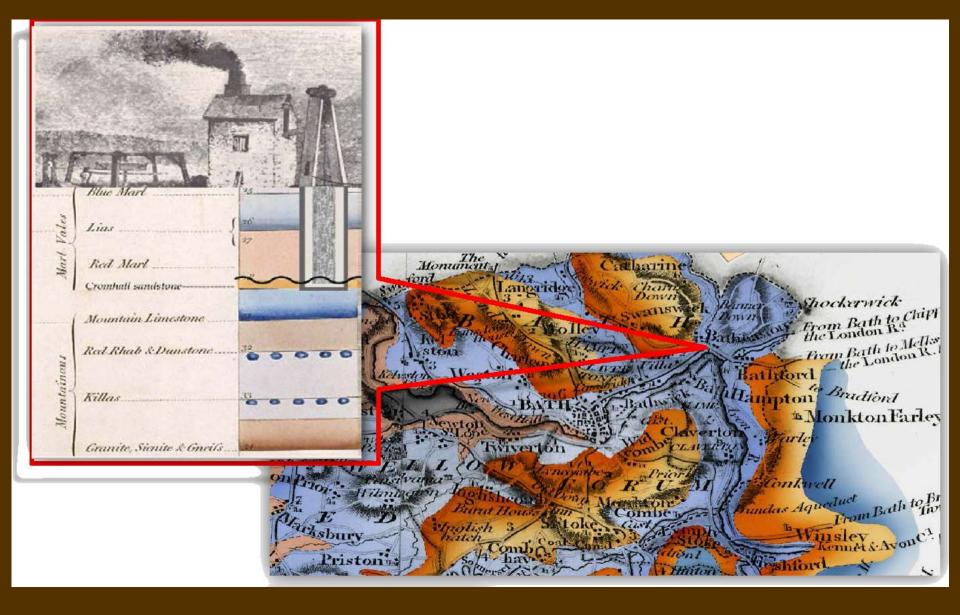
General View of the Instrument.

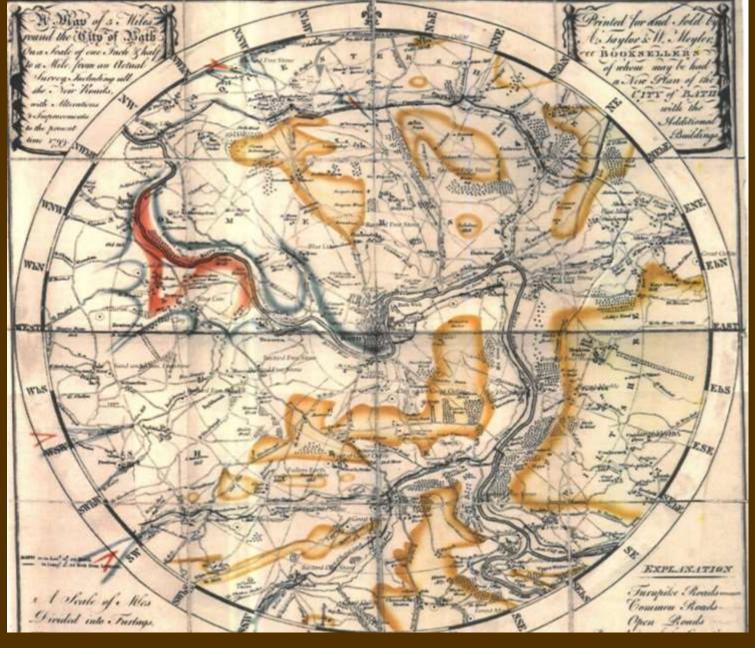


MAP shewing nearly the DISPOSITION of the TRIANGLES, whereby it is proposed to determine the Relative Situations of the Royal Observatories of GREENWICH and PARIS.





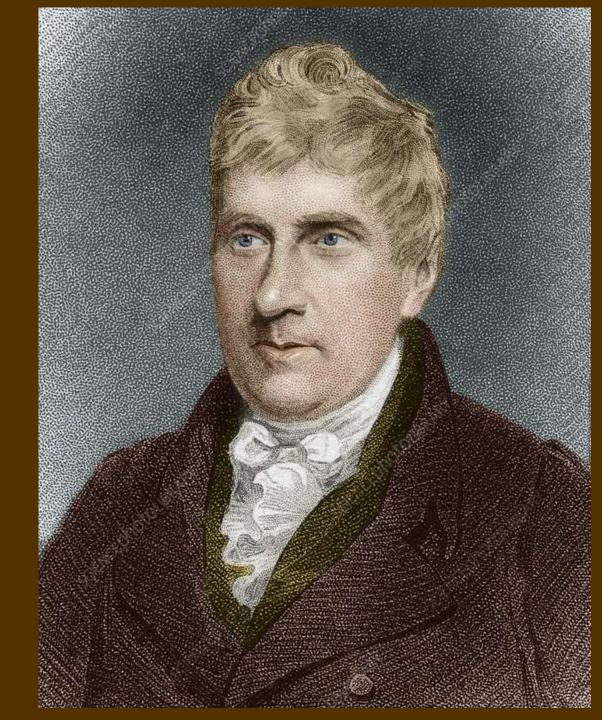




EARLY SMITH GEOLOGICAL MAP 1799

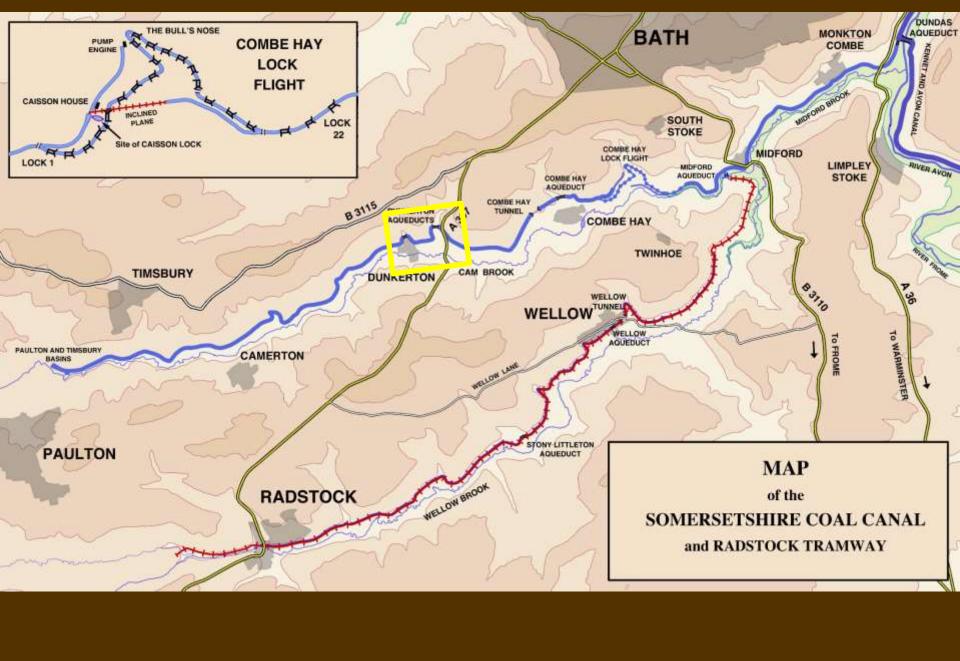


JOHN RENNIE, **NOTABLE CANAL ENGINEER WHO ENGAGED SMITH IN 1793 TO MAKE SURVEYS FOR** THE SOMERSET **COAL CANAL TO** JOIN UP WITH THE KENNET & AVON CANAL.





SURVEY PLAN OF SOMERSET COAL CANAL







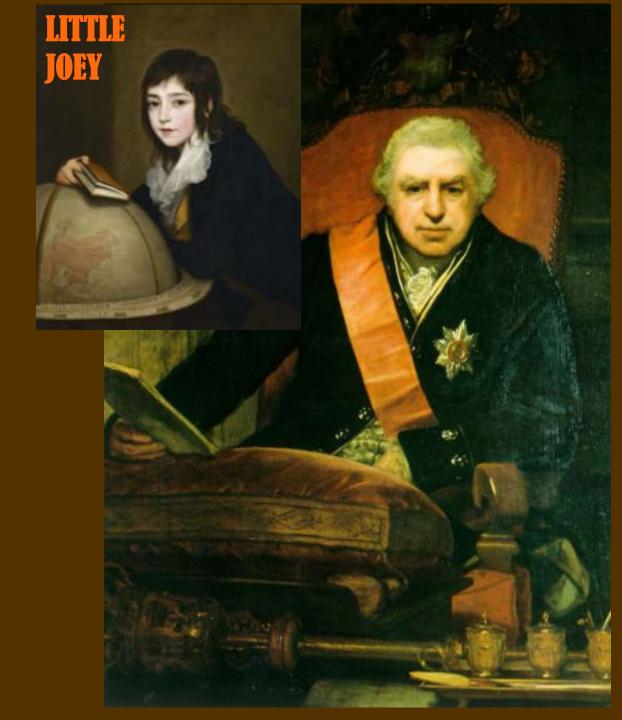
William 'Strata' Smith





The Map That Changed The World

SIR JOSEPH BANKS, **PRESIDENT OF** THE ROYAL **SOCIETY &** BENEFACTOR OF AUSTRALIAN **DISCOVERY ALSO** FIRMLY BACKED "STRATA" SMITH AND HIS FOSSIL **ID REVOLUTION!**



A DELINEATION

OF THE

STRATA

OF

ENGLAND AND WALES.

WITH PART OF

SCOTLAND:

EXHIBITING

THE COLLIERIES AND MINES.

THE MARSHES AND FEN LANDS ORIGINA LLY OVERFLOWED BY THE SEA.

AND THE

VARIETIES OF SOIL

ACCORDING TO THE VARIATIONS IN THE SUBSTRATA.

ILLUSTRATED by the MOST DESC RIPTIVE NAMES

BY W. SMITH.

To the Right Healt Sir Joseph Birks Bur LRG & This Max is by Beniefren most respectfully delicated by his much obliged Sercant & WeSmith &

MEMOIR

TO THE

MAP AND DELINEATION

OF THE

STRATA

OF

ENGLAND AND WALES,

WITH PART OF

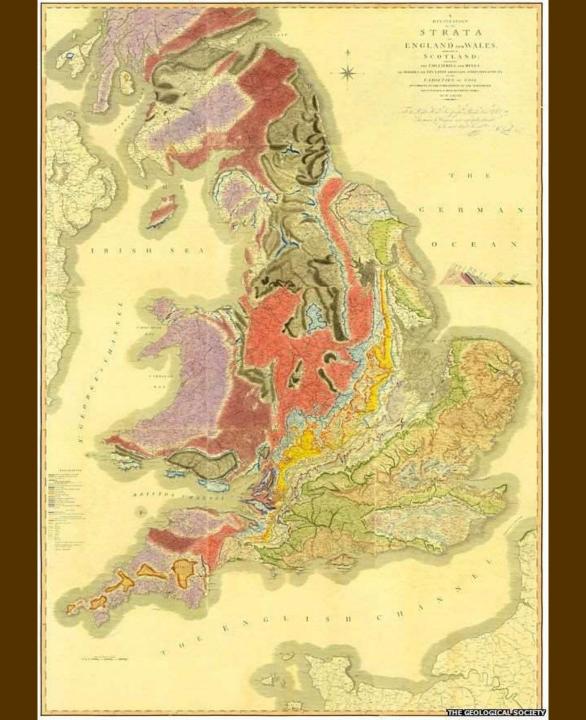
SCOTLAND.

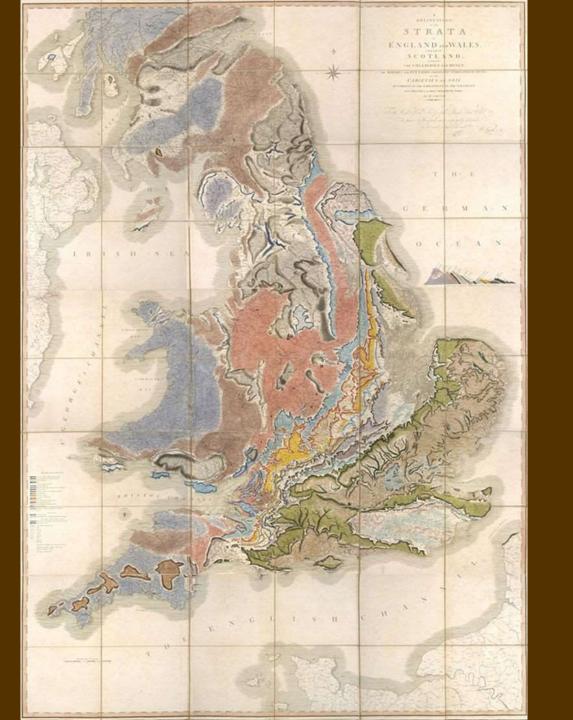
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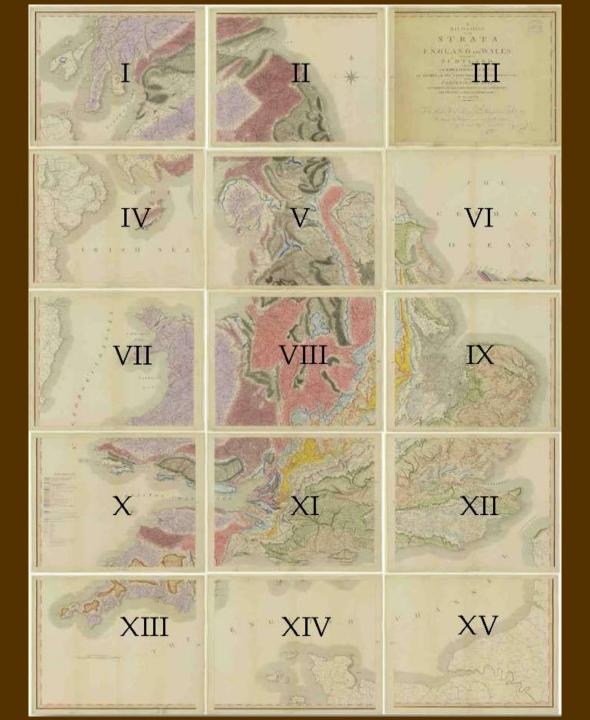
WILLIAM SMITH, ENGINEER AND MINERAL SURVEYOR.

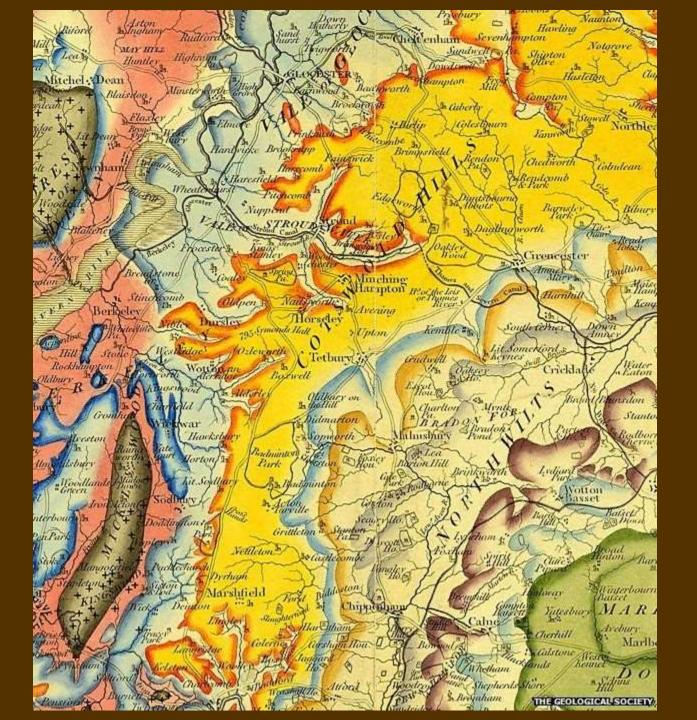
LONDON:

PRINTED FOR JOHN CARY, NO. 181, STRAND. 1815.

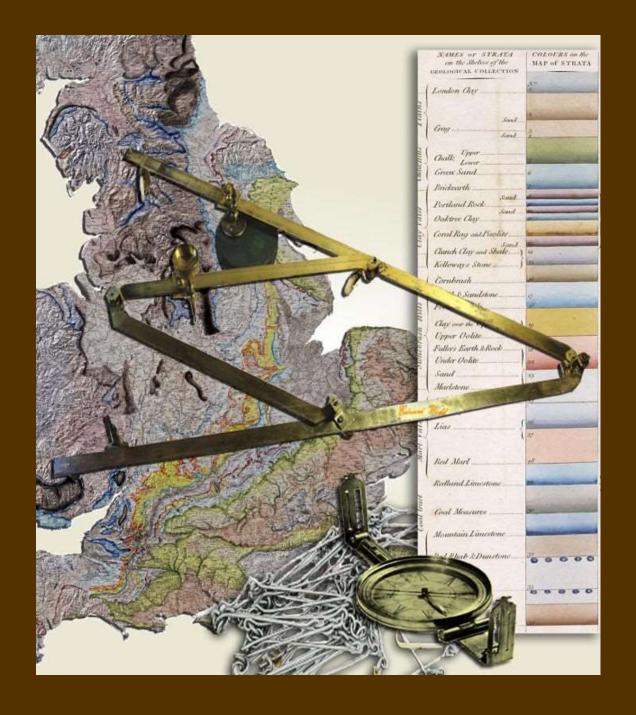












DELINEATION OF THE STRATA OF ENGLAND AND WALES WITH PART OF SCOTLAND "THE MAP THAT MIGHT HAVE BEEN" WILLIAM SMITH

A COMPILATION OF WILLIAM SMITH'S
GEOLOGICAL ATLASES OF ENGLISH COUNTIES
[INCLUDING THE UNFINISHED COUNTIES OF
CAMBRIDGESHIRE, CHESHIRE, DERBYSHIRE, HAMPSHIRE, HEREFORDSHIRE,
LINCOLNSHIRE, MONMOUTHSHIRE, NORTHAMTONSHIRE,
SOMERSETSHIRE AND STAFFORDSHIRE)
THE GEOLOGY OF WALES & PARTS OF SCOTLAND AND OTHER UNFINISHED
ENGLISH COUNTIES DERIVED FROM SMITH'S 1815 MAP
WILLIAM SMITH MAPS COURTESY OF THE GEOLOGICAL SOCIETY,
THE OXFORD UNIVERSITY MUSEUM OF NATURAL HISTORY AND
THE UNIVERSITY OF NOTTINGHAM
Peter Wigley (Compiler)

Peter Dolan, John Henry, Tom Sharpe, Hugh Torrens, Dave Williams

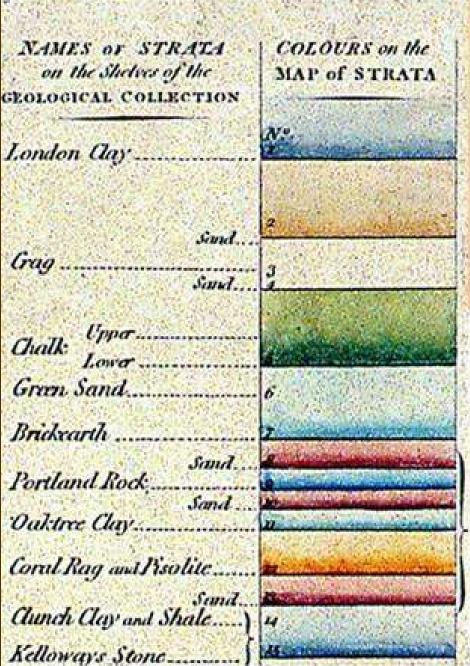
William Smith 1769-1839

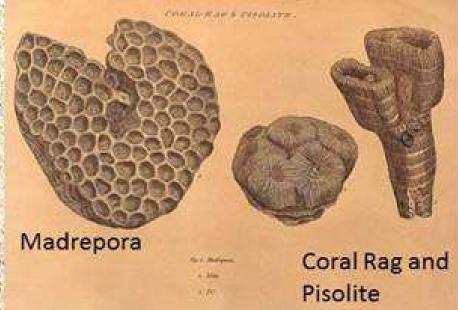


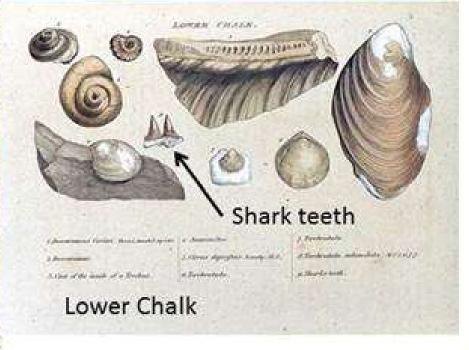


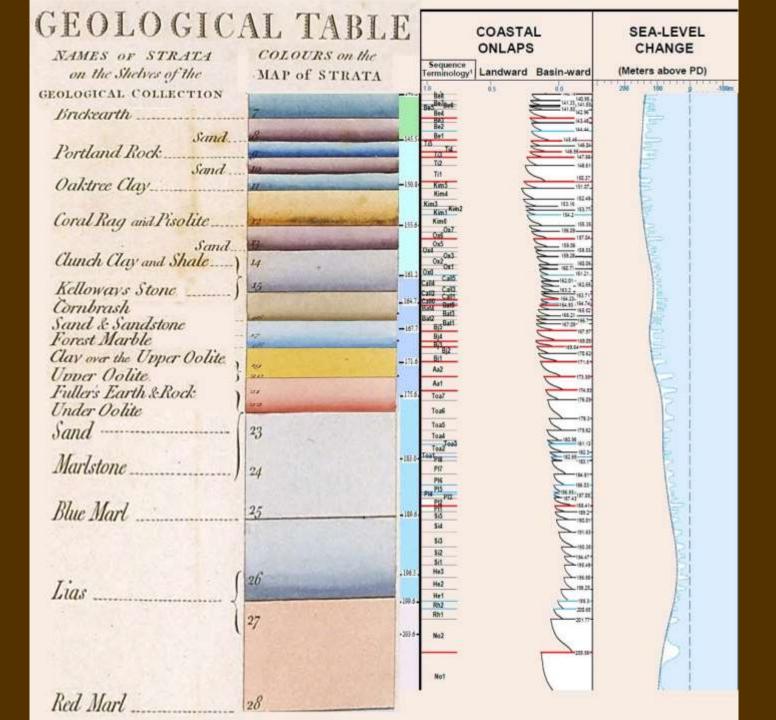
- Age of canal building Smith was a canal engineer.
- Smith discovered that different rock formations contain distinct fossil assemblages and that even isolated areas of rocks could be identified in their sequence by the fossils they contained.
- Made a map of England published in 1814-1815
- Strata identified by organized fossils 1816-1819

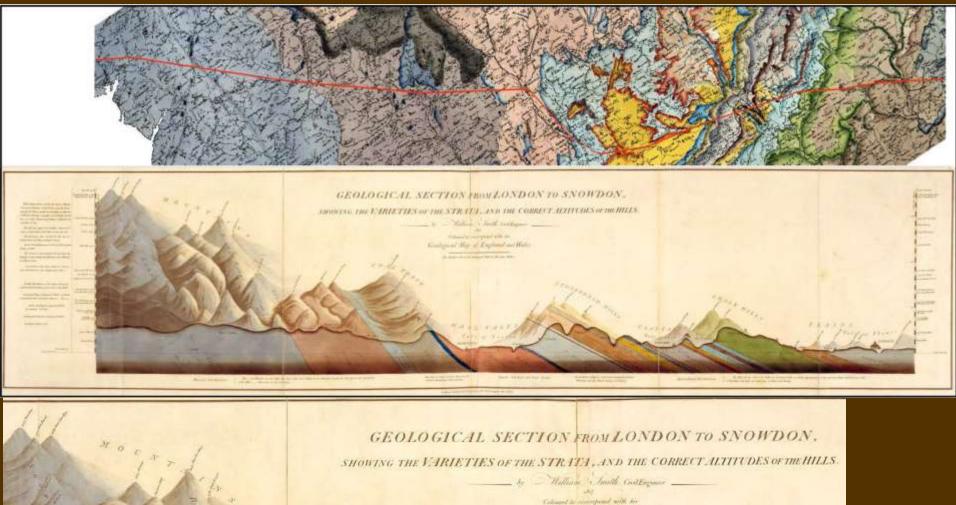


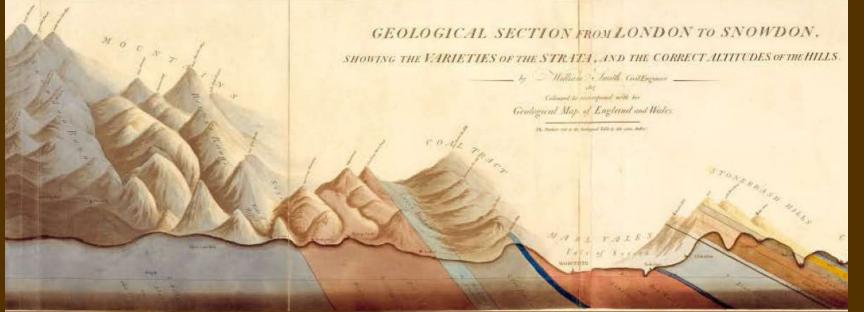




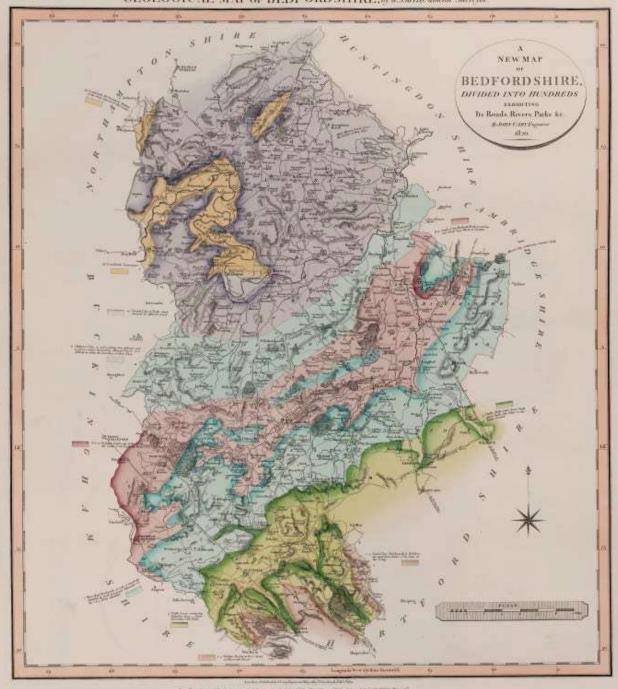




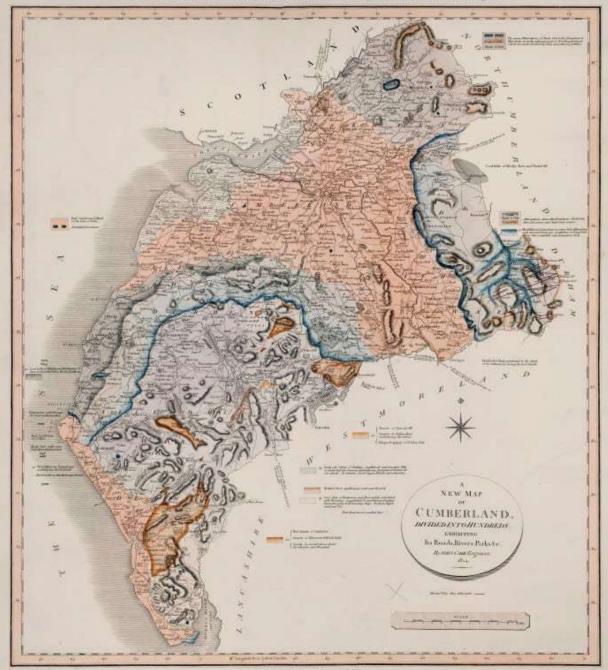




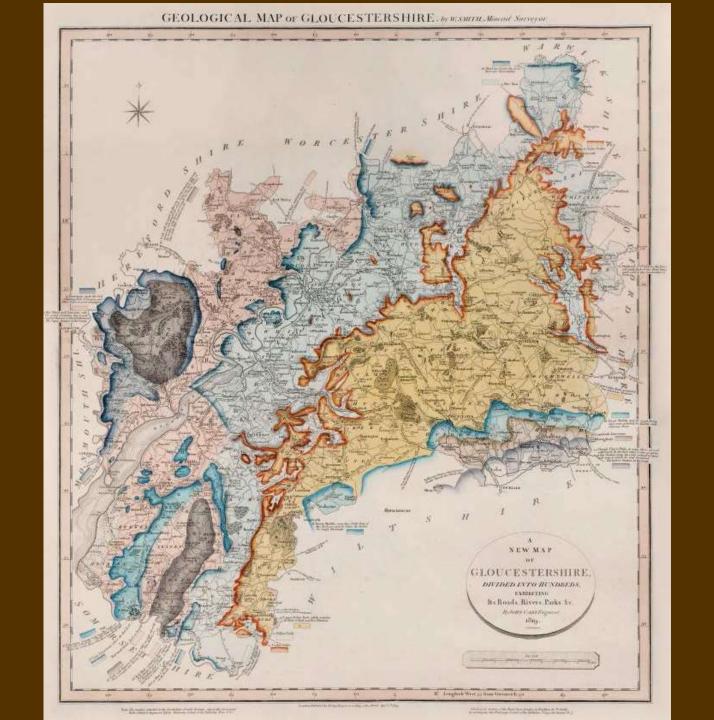
GEOLOGICAL MAP OF BEDF ORDSHIRE, by the SMITH. Mineral Surveyor

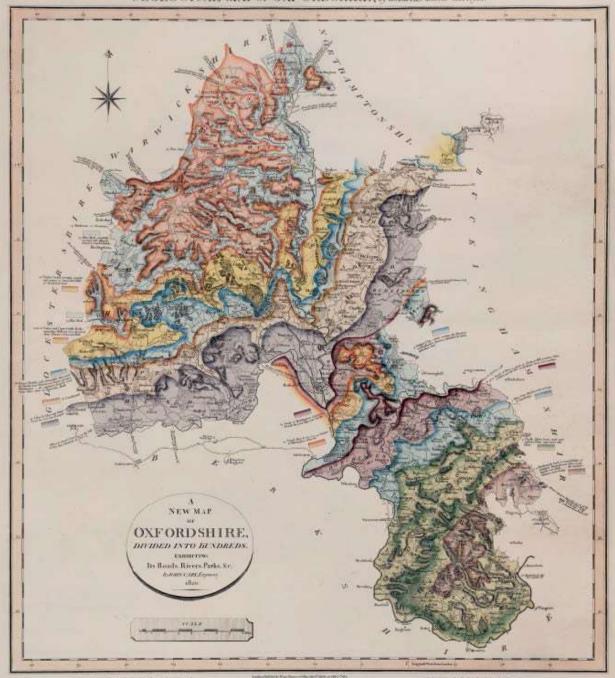


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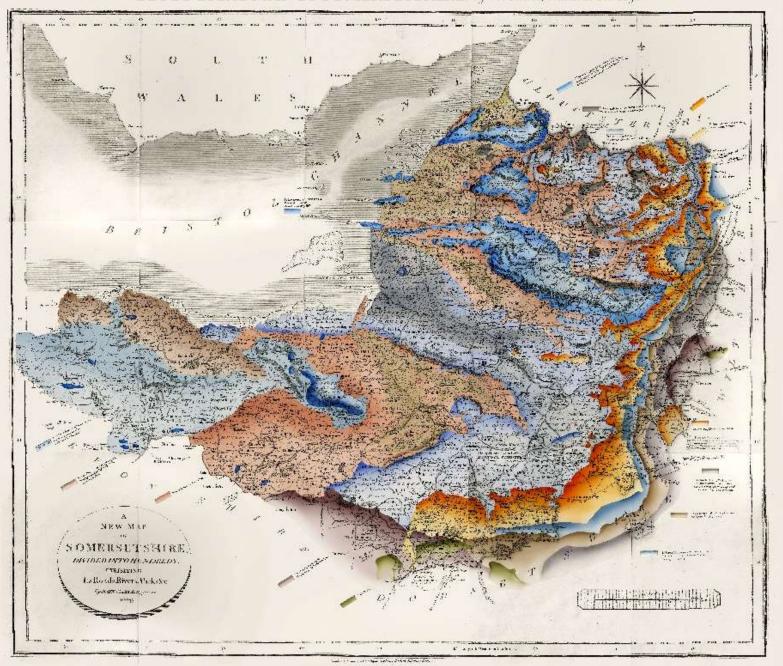


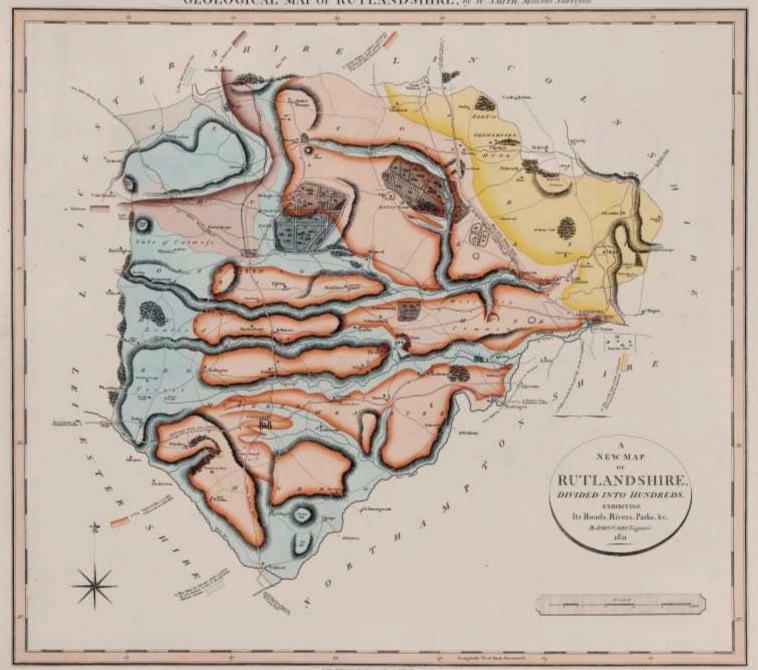
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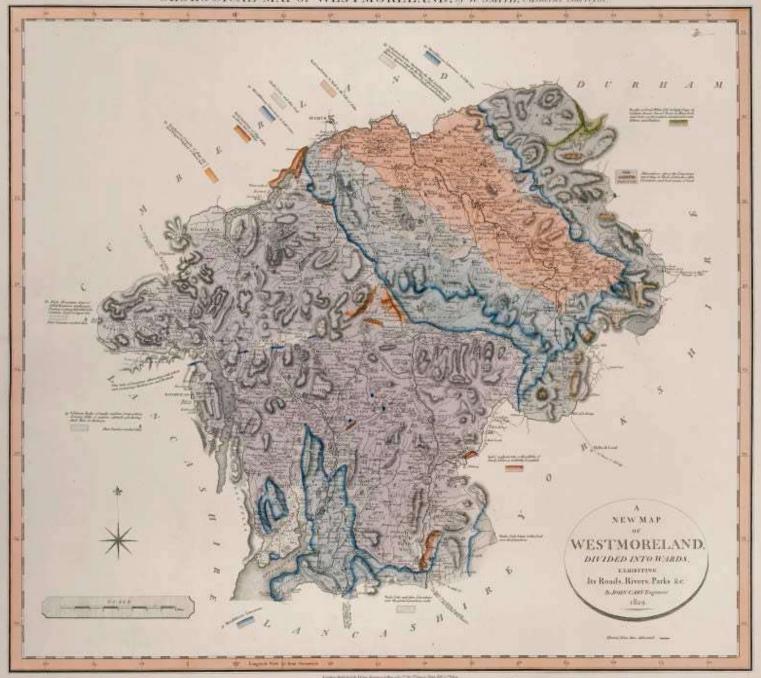
GEOLOGICAL MAP OF SOMERSETSHIRE. by W. Smith, Mineral Surveyor





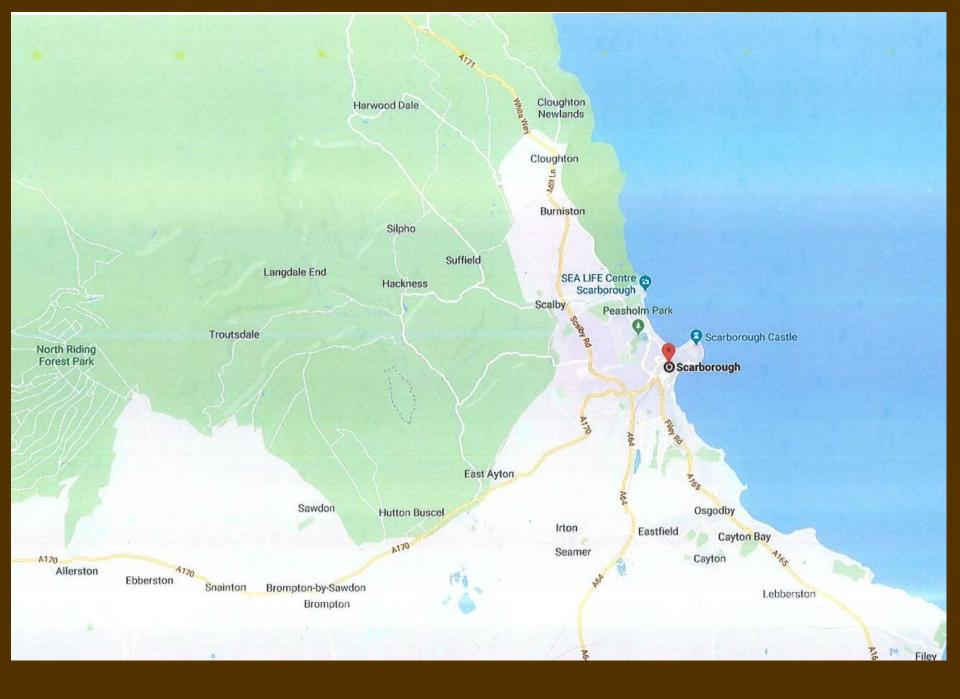
So It was made at a party of the party of the first of the other first of the state of the state

GEOLOGICAL MAP OF SUSSEX, by W SMITH, Mineral Surveyor. NEW MAP SUSSEX. DETRED INTO HE VOREDS. EXHIBITING Its Result Rivers Parks Sv. Americantigano R ENGLISH CHANNEL THE RESTRICTED IN SIGNIFICAN , fallente S Aboth of B Racin buildings or Most Discount og Torman jo Hidratogi 18 Maghinta in Withways in Schreide p tradengt as Temporary as Williages Stationary in the comme St. Shaper. in Paint a Part a Product as Assessments or from the s

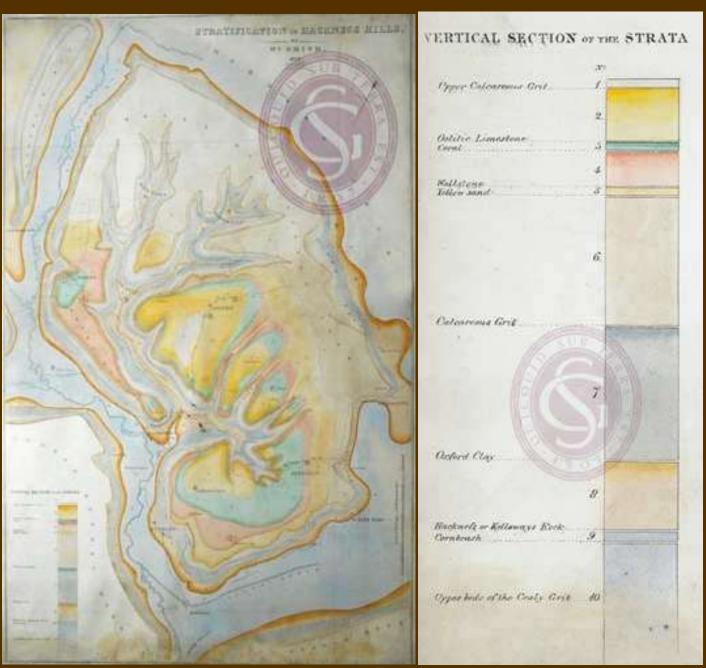


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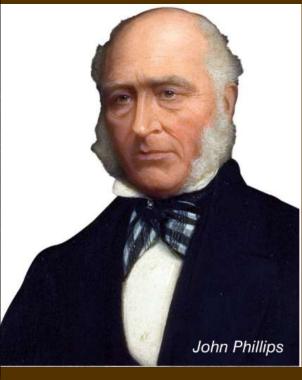
HACKNESS HILLS 1832





HACKNESS HALL





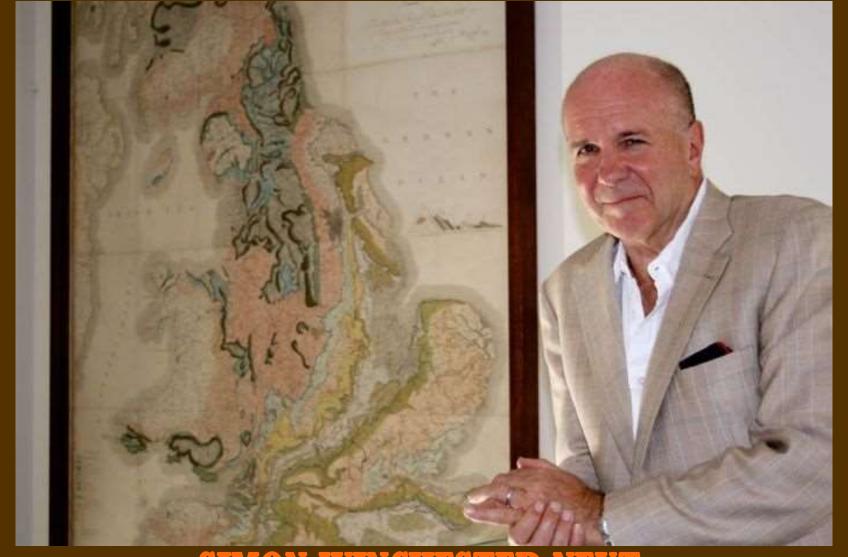
SCARBOROUGH CITY MUSEUM IN WHICH SMITH EXHIBITED FOSSILS FROM THE YOUNGEST AT THE TOP TO THE OLDEST ON THE LOWEST FLOOR





WILLIAM SMITH DIED AT NORTHAMPTON ON AUGUST 28, 1839 & HIS GRAVE IS AT ST. PETERS CHURCHYARD, MARE FAIR

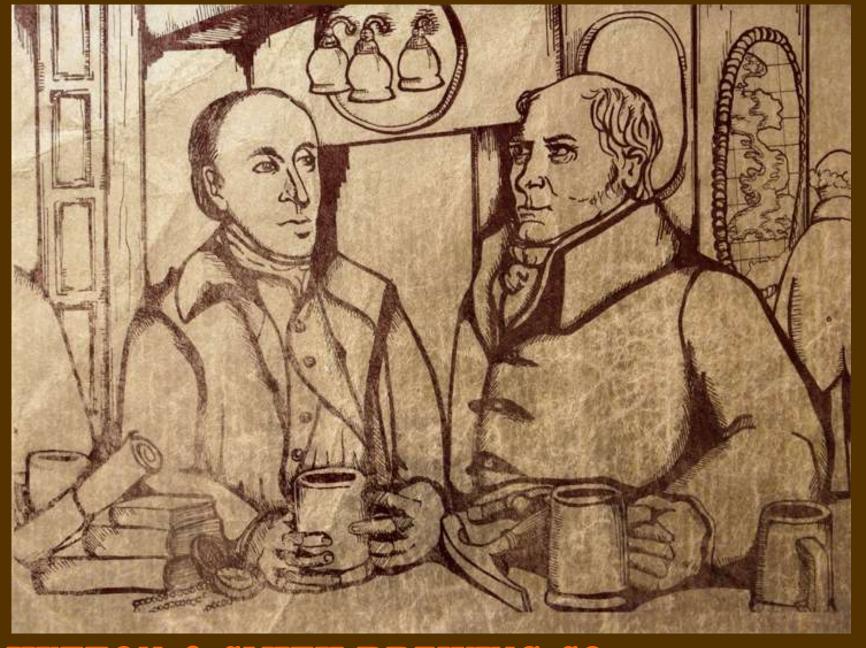




SIMON WINCHESTER NEXT TO THE RARE PRINT OF SMITH'S 1815 MAP AT ANU, CANBERRA



JAMES HUTTON AND WILLIAM SMITH



HUTTON & SMITH BREWING CO.



HUTTON & SHITH

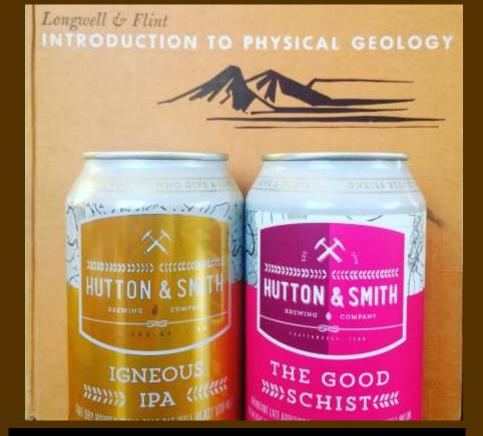
BREWING 🦲 COMPANY



CHATTANDOGA, TERM.









THANK YOU
"STRATA"
SMITH
FOR
CHANGING
OUR
WORLD!





