

**ON THE SILURIAN
FORMATION IN THE
PENTLAND HILLS**

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On the Silurian formation in the Pentland hills by George C. Haswell

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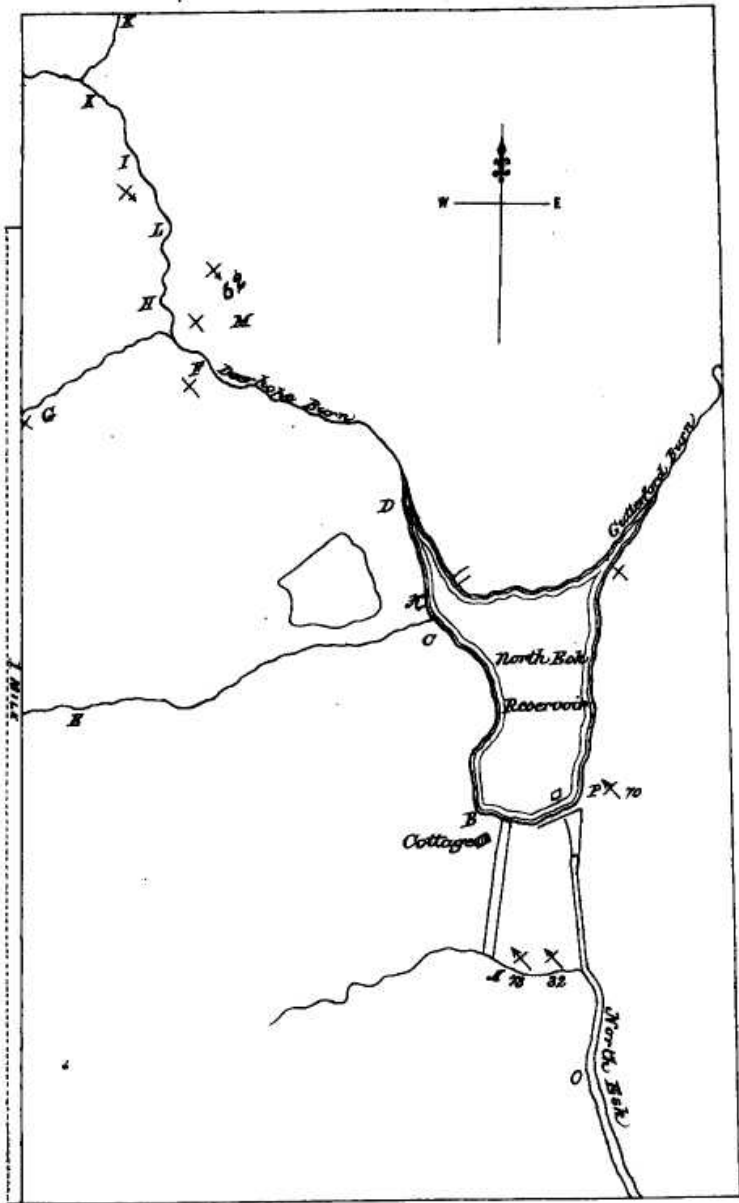
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GEORGE C. HASWELL

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ERRATA.

- Table I., 18th line—rooks, read rocks.
" 24th line—Diplacanthus, read Diplacanthus.
Page 21, 11th line—these, read this.
" 24, 31st line—tranverse, read transverse.
" 27, 10th line—cycle, read sickle.
" 38, 34th line—to entomis, read to this entomis.
" 39, 75th line—Petraia Uniserialis, read Petraia Uniserialis?
" 41, 21st line—Granulosa, read Grannulosa?
" 41, 33d line—*Geikia* should follow Hill in 34th line.
" 43; 25th line—*Zeperdita*, read *Leperditia*.



ON THE
SILURIAN FORMATION

IN THE
PENTLAND HILLS.

BY
GEORGE C. HASWELL,
HON. SEC. G. S. E.

WITH PLATES.

EDINBURGH:
WILLIAM P. NIMMO.
1865.

18858. e. 1

[A Paper read before the Edinburgh Geological Society.]



Dedicated, by Permission,

TO

CHARLES MACLAREN, ESQ., F.G.S., F.R.S.E.,

PRESIDENT OF THE EDINBURGH GEOLOGICAL SOCIETY, ETC.,

AS A MARK OF THE ESTEEM IN WHICH HE IS HELD

BY

THE AUTHOR

AND

ALL GEOLOGISTS.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for a systematic approach to data collection and the importance of using reliable and valid measurement instruments.

3. The third part of the document discusses the ethical considerations that must be taken into account when conducting research. It stresses the importance of obtaining informed consent from participants and ensuring that their privacy and confidentiality are protected throughout the study.

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P R E F A C E.

My reasons for bringing this subject before the members of the Edinburgh Geological Society and the public are—first, they are the nearest fossiliferous patches of the Silurian Formation to our city, and have therefore a strong claim on the members of the Edinburgh Geological Society; second, they are so little known to the geological world, that most of the eminent geologists with whom I have been corresponding regarding them were quite astonished at their fossiliferous character; and, third, I hope to add one drop to the bucket of geological truth, yet far from full, many thousand such drops being required ere the geological record is complete.

I do not expect that the list of fossils is perfect. I shall have occasion to point out as we proceed many questions in palæontology which have yet to be solved; but if I interest you, and lead others to work in the same field, I shall have attained my object.