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Sabella pavonina, The Feeding Mechanism, Process of Tube Formation, and
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Trans. Roy. Soc. Edin., vol. lvi, 1930, pp. 537–598.

Ciliary Feeding Mechanism, Occurrence in *Sabella pavonina*.
E. A. T. NICOL.
Trans. Roy. Soc. Edin., vol. lvi, 1930, pp. 537–598.

Physiology of Digestion, Food, and Digestive Processes in *Sabella pavonina*.
E. A. T. NICOL.
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Kintyre—The Carboniferous Sediments of.
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Trans. Roy. Soc. Edin., vol. lvi, 1930, pp. 599–619.

Carboniferous Sediments of Kintyre.
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Trans. Roy. Soc. Edin., vol. lvi, 1930, pp. 599–619.

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- Metamorphism—in Relation to Structure in the Scottish Highlands.
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- Mollusca of Jasper Park.
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- Jasper Park, The Mollusca of.
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- Piper*, Stem-Endodermis in.
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- Endodermis—Occurrence in Stem of Genus *Piper*.
GEORGE BOND.
Trans. Roy. Soc. Edin., vol. lvi, 1931, pp. 695–724.

GRAHAM, ALASTAIR.—On the Morphology, Feeding Mechanisms, and Digestion of *Ensis siliqua* (Schumacher).
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Ensis siliqua—The Morphology, Feeding Mechanisms, and Digestion of.
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