

Zeitschrift: Mitteilungen der Naturforschenden Gesellschaft in Bern

Band: 25 (1968)

Artikel: Remarks on colour patterns and related features of the Molluscan shells

Bibliographie

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DOI: <https://doi.org/10.5169/seals-319553>

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Explanation of the plates

(All figures diagrammatic, variously magnified; view of shell surface, with aperture to the left unless otherwise indicated; arrows, when present indicate distal direction. Asterisks stand for patterns not seen on actual specimens. Alt. c. bands = alternating colour bands.)

Plate I

- Fig. 1 End whorls of gastropod, showing pattern elements resulting from various types of activities of secretion sources.
- Fig. 2 b Oblique band: secretion continuous. When secretion of same is intermittent it appears as in fig. 2 a, not fig. 3.
- Fig. 4 Cross section through superficial portion of shell, showing the in-depth secretion of spots; in such species as *Natica millepunctata* Lam.
- Fig. 5 Various types of junctions of lines. Vertical parallel lines = growth lines
- Figs. 6, 9 Valves of two varieties of a *Lioconcha*, prob. *L. castrensis* Lam., showing diverging patterns.
- Fig. 7 Zigzags, which include both diverging and converging portions.
- Fig. 8 *Marginella lineata* Mühl., showing «inflowing» pattern.
- Fig. 10 Irregular zigzags in *Strombus vittatus* L. Zigzags are AB, CD, EF. Dashed lines = connecting lines.
- Fig. 11 Rhombic network produced by two sets of lines of opposite obliquity.
- Fig. 12 Zigzags of *Strombus vittatus* L., showing directional instability.
- Fig. 13 Two connected zigzags of *Strombus vittatus*. Dashed lines = connecting lines.