

palaeontologically similar, seem to be on different geological horizons ; as the first are associated with Keuper Marls, and the latter with Bunter Sandstones.

G. HENRY KINAHAN.

UPPER DEVONIAN IN DEVONSHIRE.

SIR,—In connexion with Prof. Roemer's paper in the April GEOLOGICAL MAGAZINE, it may be of interest to remind geologists of the occurrence of the *Clymenia* limestone at Lower Dunscombe, above the *Goniatites intumescens* stage. The highest bed the Professor appears to have observed at Lower Dunscombe was the flaggy limestone with *Goniatites*. Want of time prevented my collecting from this part, and the short list in my paper is from the thicker-bedded limestone a few feet lower. In the field above, however, which, at the time I examined it, was newly ploughed, there was a quantity of shaly or nodular limestone, full of *Clymenia* (*C. valida* and *C. striata*).¹

This discovery of the *Clymenia* stage in South Devon is due to Mr. Etheridge, who determined the fossils. CLEMENT REID.

DESCRIPTIONS OF THE FOSSILS FROM SUMATRA. ADDENDA ET CORRIGENDA.

[See GEOL. MAG. 1879, Decade II. Vol. VI. pages 385, 441, 492, and 535.]

- I. The fossils, Nos. 1-4, pp. 386, 387, are from the Carboniferous Limestone of Sibelaboe, Highlands of Padang.
- II. *Sparganolithes gemmatus*, Pl. X. Fig. 4, is from the shale above the second coal-seam of Soengei-Doerian,² Highlands of Padang ; Eocene, 2nd stage.
- III.—The following twelve fossils are from the Limestone with Orbitoides and Corals at Batoe Mendjoeloe, Highlands of Padang ; Eocene, 4th stage, equivalent to stage γ of Borneo :—

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| <i>Cardita</i> , sp. | Pl. X. Fig. 6. | <i>Cypræa subelongata</i> . | Pl. XII. Fig. 3. |
| <i>Lucina</i> , sp. | " " 7. | <i>Cerithium</i> , sp. | " " 4. |
| <i>Pecten</i> , sp. | " " 12. | <i>Turbo Borneensis</i> ? | " " 5. |
| <i>Cidaris</i> , sp. | " " 17. | <i>Phasianella Oweni</i> | " " 6. |
| <i>Conus</i> , sp. | Pl. XII. Fig. 1. | <i>Trochus</i> , sp. | " " 7. |
| <i>Conus substriatellus</i> . | " " 2. | <i>Prenaster</i> , sp. | " " 8. |

- IV. All the other sixty-five fossils are from the marls of the Island of Nias, probably of Miocene (late Miocene) age.
- V. The *Cardita Sumatrensis*, Pl. X. Fig. 5, is also from the Nias marls or clays, and not from the clay-bed associated with the coal of the 2nd stage, Eocene.

R. D. M. VERBEEK.

PROFESSOR MILNE ON VOLCANOS.

SIR,—When Professor Milne was writing his article on the distribution of Volcanos I happened to say to him pretty much what is contained in Mr. Fisher's letter in your last number. His answer was—"I wish to keep myself from committing the common error of many geologists who know a little mathematics, the error of imagining that I can create a mathematical theory for a phenomenon, when I am only acquainted with part of the cause of the phenomenon. On the supposition that rock is always of the same conductivity, we may find that an isothermal surface is probably one thousand feet

¹ GEOL. MAG. Dec. II. Vol. IV. p. 454.

² See GEOL. MAG. Dec. II. Vol. II. p. 480.