Species unica :

Amphichæna Kindermanni, Ph.

Hab. litus Oceani Pacifici ad oppidum Mexicanum Mazatlan.

I obtained this remarkable shell from M. Kindermann in Valparaiso.—*Wiegmann's Archiv*, Part I. 1847.

INFUSORIAL DEPOSIT AT DOLGELLY, NORTH WALES.

To the Editors of the Annals of Natural History.

Lancaster, May 12, 1847.

GENTLEMEN,—It may interest some of your readers to learn that an infusorial earth has been found near Dolgelly in North Wales.

This substance appears to have attracted the notice of some gentlemen engaged in the Geological Survey, who transmitted it to London for chemical analysis. A small portion came into my hands, and the microscope showed that it consisted almost exclusively of siliceous infusoria more or less perfect*. I am informed that this earth can be procured, in considerable quantity if desirable, on application either to Mr. James Price, Goat, or to Mr. James Jones, Saddler, Dolgelly. I am, Gentlemen, yours very truly,

CHRISTOPHER JOHNSON.

A Sketch of the Geology of Texas. By Dr. FERDINAND ROEMER.

During the four months which I have already passed in Texas, my time has been employed in the study of its geological relations : and although my knowledge of the country is yet incomplete and mostly confined to the western section of the territory, I may hope that the following sketch of what I have seen, considering the little that is known, will prove of interest to your readers, and afford a basis for further investigations.

It is not a very encouraging fact to the geologist in Texas, that only there, where civilization ceases and the wilderness commences, the geological relations of the country begin to be interesting. The line which separates the settled part of the country from the hunting grounds of the Indians, is almost exactly identical with that which divides the more modern diluvial and alluvial deposits from the secondary formations. The three points, lying in the same straight line, San Antonio di Bexar, New Braunfels, (the German settlement on the Guadalupe,) and Austin, are alike the extreme frontier parts of Western Texas, and the limit of the cretaceous deposits of the upper country towards the south-east. In the few observations which I have to make, I shall therefore separate the particulars relating to the lower country from those bearing upon the secondary formations in the section of country lying beyond the just-mentioned line.

The route by which I reached the north-western section of the country, leading through Houston, San Felipe, Austin, Columbus

* From an examination of a sample kindly forwarded by our correspondent, we can most fully confirm his statement. It abounds in forms of *Bacillaria*, *Navicula*, *Gaillonella*, &c.; and contains some remarkably beautiful and peculiar annular forms.—W. F.

1847. "Infusorial deposit at Dolgelly, North Wales." *The Annals and magazine of natural history; zoology, botany, and geology* 19, 426–426.

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