

ON
THE PRIMORDIAL FAUNA
AND THE
TACONIC SYSTEM,

By JOACHIM BARRANDE.

WITH ADDITIONAL NOTES,

By JULES MARCOU.

The discovery of *Paradoxides Harlani* at Braintree, and that of *Paradoxides Bennetti* and *Conocephalites* at St. Mary's Bay, Newfoundland, in slates until then regarded as Azoic and placed among the crystalline and primary rocks, show plainly that the Primordial fauna is represented also on the Atlantic coast of North America. These are not isolated facts, but rather two landmarks showing the existence of strata occupying an important place in the system of stratified rocks.

In a letter dated Paris, 29th May, 1860, M. Barrande says:—

"If you see Prof. W. B. Rogers I beg you to thank him for his three beautiful photographs of *Paradoxides Harlani* (Green,) which he was