CHAPTER IV.

CHAPTER V.

The Classifying Principle and its Uses. — Three Groups of Ichthyolites among the Organisms of the Lower Old Red Sandstone. — Peculiarities of the Third Group. — Its Varieties. — Description of the Cheiracanthus. — Of two unnamed Fossils of the same Order. — Microscopic Beauty of these ancient Fish. — Various Styles of Ornament which obtain among them. — The Molluscs of the Formation. — Remarkable chiefly for the Union of modern with ancient Forms which they exhibit. — Its Vegetables. — Importance and Interest of the Record which it furnishes.

CHAPTER VI.

The Lines of the Geographer rarely right Lines. - These last,