

UPPER SILURIAN ROCKS.

		Prevailing Lithological characters.	Thick-ness in Feet.	Organic remains.
1. Ludlow formation.	Upper Ludlow.	a. <i>Tilestones</i> .— Finely laminated reddish and green micaceous sandstones.	800 †	Marine mollusca of almost every order, the Brachiopoda most abundant. Serpulites, Crustaceans of the Trilobite family. Placoid fish (oldest remains of fish yet known). Sea-weeds; and in the uppermost strata land plants.
		b. Micaceous gray sandstone and mudstone.		
	Aymestry limestone.	Argillaceous limestone.	2000	
	Lower Ludlow.	Shale, with concretions of limestone.		
2. Wenlock formation.	Wenlock limestone.	Concretionary and thick-bedded limestone.	Above 2000	Marine Mollusca of various orders as before. Crinoidea and corals plentiful. Trilobites, Graptolites.
	Wenlock shale.	Argillaceous shale, frequently flagstone.		

MIDDLE SILURIAN ROCKS.

Caradoc formation.	Caradoc sandstones.	Shale, shelly limestone, sandstone, and conglomerate.	2000	Crinoidea, Corals, Mollusca, chiefly Brachiopoda. (The genus <i>Pentamerus</i> abundant.)
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LOWER SILURIAN ROCKS.

Llandeilo formation.	Llandeilo flags.	Dark colored calcareous flags; slates and sandstones.	20,000	Mollusca, Trilobites, Cystidæ, Crinoids, Corals, Graptolites.
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UPPER SILURIAN ROCKS.

Ludlow formation.—This member of the Upper Silurian group, as will be seen by the above table, is of great thickness, and subdivided into three parts,—the Upper and the Lower Ludlow, and the intervening Aymestry limestone. Each of these may be distinguished near the town of Ludlow, and at other places in Shropshire and Herefordshire by peculiar organic remains.

1. *Upper Ludlow*, a. *Tilestones*.—This uppermost subdivision, called the *Tilestones*, was originally classed by Sir R. Murchison with the Old Red Sandstone, because they decompose into a red soil throughout the Silurian region. They were regarded as a transition group forming a passage from Silurian to Old Red; but it is now ascertained that the fossils agree in great part specifically, and in general character entirely, with those of the underlying Silurian strata. Among these are *Ortho-*