

Lower Silurian.	Llandeilo and Bala.	Slates of Riadan (Trinucleus). Sandstones (May, Thourie, Bas-Pont, Saint-Germain de la Bouexière, etc.), containing <i>Trinucleus Goldfussi</i>, <i>Calymene Bayani</i>, <i>Orthis redux</i>, <i>O. budleighensis</i>, <i>O. pulvinata</i>, <i>O. valpyana</i>, <i>O. Berthosi</i>, <i>Nucleospira Vicaryi</i>, <i>Lingula Morierei</i>, <i>Pseudarca typa</i>, <i>Diplograptus foliaceus</i>, <i>D. angostifolius</i>. Slates of La Couyère (<i>Orthis Berthosi</i>). Nodular shales of Guichen, etc. (<i>Calymene Tristani</i>, <i>Placoparia Tourneminei</i>, <i>Acidaspis Buchii</i>). Slates of Angers (<i>Ogygia Desmaresti</i>, <i>Didymograptus Murchisoni</i>, <i>D. euodus</i>, <i>D. nanus</i>, <i>D. furcillatus</i>).
	Arenig.	Shales of Laillé and Sion (<i>Placoparia Zippei</i>, <i>Hyalolithes cinctus</i>). Armorican sandstone (<i>Grès Armoricain</i>), containing <i>Asaphus armoricanus</i>, <i>Lingula Lesueuri</i>, <i>L. Hawkeii</i>, <i>L. Salteri</i>, <i>Dinobolus Brimonti</i>, <i>Lyrodesma armoricana</i>, annelids. Red shales and conglomerates without fossils.

In Normandy, where the first French graptolites were found, some of the species characteristic of the uppermost groups of Brittany have been obtained. Silurian fossils have also been detected southward in Maine and Anjou, and still more abundantly from the ridge of old rocks which forms the high grounds of Languedoc where the following section has been determined.¹⁰³

Shales and ampelitic orthoceratite limestones (200 metres) with *Cardiola interrupta*, *Monograptus priodon*, *M. bohemicus*, *M. colonus*, *M. Roemeri*, *M. Nilssoni*. This zone evidently corresponds with that of the English Wenlock group.

Alternations of shales and white cystidean limestones.

Shales with *Orthis Actoniæ*.

Green shales with concretions (*gâteaux*) formed around large trilobites, *Asaphus Fourneti*, *Illænus Lebescontei*, *Didymograptus euodus*. These strata are probably of Llandeilo age.

Sandstone and grit like the *Grès Armoricain*, about 50 metres thick, containing *Cruziana*, *Vexillum*, *Lingula Lesueuri*, *Dinobolus Brimonti*.

Shales with calcareous nodules (150 metres) containing *Bellerophon Oehlerti*, *Agnostus*, *Calymene*, *Illænus*, *Megalaspis*, *Didymograptus balticus*, *D. pennatulus*, *D. nitidus*, *D. bifidus*, *D. indentus*, *Tetragraptus serra*, *T. quadribrachiatus*. These strata and the overlying sandstone represent the British Arenig rocks.

Bull. Soc. Geol. France, 1862, p. 907; De Lapparent, Bull. Soc. Geol. France, 1877, p. 569; Barrois, Ann. Soc. Geol. Nord, iv. vii. and the memoirs cited below.

¹⁰³ Rouville, "Monographie Geol. de Cabrières, Hérault," 1887. Bergeron, "Étude Geol. du Massif ancien au sud du Plateau Central," 1889. Barrois, Ann. Soc. Geol. Nord, xx. 1892, 85. F. Frech, Zeitsch. Deutsch. Geol. Ges. 1887, 360.