

	Pentlands and northern part of region.	Central part of region.	Ayrshire and southern part of region.
Ludlow Group.	Yellow and brown mudstones, shales and sandstones passing up into base of Lower Old Red Sandstones, with many Ludlow fossils (<i>Lepidodendron transversalis</i> , <i>Orthis</i> <i>amygdalina</i> , <i>Platyschisma helveticum</i> , <i>Orthoceras Maclaren</i> , <i>Beyrichia Kloedeni</i> , <i>Ceratiocaris</i> , <i>Dictyocaris</i> , <i>Eurypterus</i> , <i>Pterygotus</i> , <i>Slimonia</i> , <i>Stylonurus</i> , &c.)		Flaggy shales, grey grits, and conglomerates (Straiton), with <i>Beyrichia Kloedeni</i> , <i>Pterygotus</i> , <i>Ceratiocaris</i> , &c.
Wenlock Group.	Blue, grey, and brown shales, greywackes and flaggy grits with some Wenlock fossils (<i>Monograptus vomerinus</i> , <i>M. colonus</i> , <i>M. priodon</i> , <i>Retiolites geinitzianus</i>).		Blue, grey, and yellow flagstones and shales, with <i>Monograptus vomerinus</i> , <i>Cardiola</i> , &c. Purple sandstones and calcareous bands (Penkill, Dailly), with <i>Cyrtograptus Graye</i> , <i>Retiolites geinitzianus</i> , and Wenlock fossils.
Llandoverly Group.	Thick group of grits and greywackes, with grey shales and flagstones (Queensberry grits, Gala group) the upper portion containing <i>Retiolites geinitzianus</i> , <i>Monograptus priodon</i> , the lower portion yielding <i>M. exiguus</i> , <i>M. crispus</i> , <i>Protograptus</i> , <i>Crossopodia</i> , &c.	Thick group of greywackes, grits, and grey shales (Hawick group of Roxburghshire, &c., Ardwell group of Dumfriesshire and Galloway), with <i>Protograptus</i> , <i>Crossopodia</i> , and <i>Monograptus</i> .	Purple shales and mudstones, grey and green flagstones, and grits with <i>Monograptus exiguus</i> , <i>M. galensis</i> , <i>Protograptus</i> , <i>Crossopodia</i> , <i>Cruziana</i> , &c. (=Stockdale shales of Lake District). Limestone (Camregan) with <i>Pentamerus oblongus</i> .
Llandoverly Group	Greywackes, flagstones, and shales, with occasional bands of conglomerate, some of which contain fragments of rocks like those of the Highlands. Thin leaves of black shale in this group (Queensberry in part, Dalveen and Haggis rock groups of Geological Survey) contain Birkhill graptolites.	Greywackes and shales including the black graptolitic Birkhill shales which form two bands separated by alternations of grey and green shales, and are sub-divided as follows:— Upper Birkhill { 3. Zone of <i>Rastrites maximus</i> , <i>Monograptus turriculatus</i> , &c. 2. Zone of <i>Monograptus spinigerus</i> , <i>M. distans</i> , &c. 1. Zone of <i>Monograptus Clingani</i> , with <i>M. crenulatus</i> , <i>M. Sedgwicki</i> , <i>Pectograptus cometa</i> . Lower Birkhill { 3. Zone of <i>Monograptus gregarius</i> , with <i>M. fimbriatus</i> , <i>M. convolutus</i> , <i>Diplograptus folium</i> , <i>Rastrites peregrinus</i> , &c. 2. Zone of <i>Diplograptus vesiculosus</i> , with <i>Monograptus cyphus</i> , <i>M. tenuis</i> . 1. Zone of <i>Diplograptus acuminatus</i> with <i>Dimorphograptus elongatus</i> ? <i>Monograptus attenuatus</i> , <i>M. tenuis</i> .	Greywackes, shales, and quartz-conglomerates, with <i>Monograptus turriculatus</i> and other Upper Birkhill graptolites. Limestone (Woodland Point), with <i>Pentamerus lens</i> , &c. Sandstones, shales, and conglomerates, with the graptolites of the Lower Birkhill zones. Sandstones, grits, shales, and conglomerates, with <i>Meristella angustifrons</i> , <i>Diplograptus acuminatus</i> and other Lower Birkhill graptolites. The conglomerates contain the earliest traces of fragments of rocks like those of the Highlands in this region.