

Tables

(Table 1.1) The Palaeozoic palaeobotany GCR sites

Geological System	Site Name	Site Code
Permian	Kimberley Railway Cutting	P3
	Middridge Quarry	P2
	Stairhill	P1
U. Carboniferous	Jockie's Syke	U6
	Llanbradach Quarry	U5
	Nostell Priory Brickpit	U4
	Cattybrook Claypit	U3
	Wadsley Fossil Forest	U2
	Nant Llech	U1
L. Carboniferous	Victoria Park	L16
	Glencarholm	L15
	Wardie Shore	L14
	Teilia Quarry	L13
	Moel Hirradug	L12
	Puddlebrook Quarry	L11
	Glenarbuck	L10
	Loch Humphrey Burn	L9
	Laggan	L8
	Kingswood	L7
	Pettycur	L6
	Kingwater	L5
	Weak Law	L4
	Oxroad Bay	L3
	Whiteadder	L2
	Lennel Braes	L1
Devonian	Plaistow Quarry	D10
	Sloagar	D9
	Bay of Skail	D8
	Rhynie	D7
	Auchensail Quarry	D6
	Ballanucater Farm	D5
	Craig-y-Fro Quarry	D4
	Llanover Quarry	D3
	Turin Hill	D2
	Targrove Quarry	D1
Silurian	Freshwater East	S7
	Perton Lane	S6
	Capel Horeb Quarry	S5
	Cwm Craig Ddu Quarry	S4
	Rockhall Quarry	S3
	Llangammarch Wells Quarry	S2
	Pen-y-Glog Quarry	S1

(Table 5.1) Lithostratigraphy of Loch Humphrey Burn (R.M. Bateman, unpublished)

Lithostratigraphical Unit	Main Lithologies	Environmental Interpretation	Bed Numbers of Scott <i>et al.</i> (1984, fig. 8)	Fossil Plant Assemblages
Unit 5	Siltstones and fine sandstones with intercalated coarse sandstones, thin shales, coals and rooted palaeosols	Extensive flood plain	21–33	Compressions of rhizomorphic lycopsid rootlets, with rare rhizomorph and aerial axis fragments
Unit 4	Medium to coarse, gritty sandstones, with a few thin shales	Fluvial channel	13–20	Nodular petrifications of many organs representing a wide range of higher taxa (Bed 17); also compressions, especially of pteridosperm and putative progymnosperm foliage
Unit 3	Thinly laminated shales and an impure limestone	Flood plain/ lacustrine	9–12	Compressions, especially pteridosperm and putative progymnosperm foliage
Unit 2	Siltstones and fine sandstones	Flood plain	6–8	Nodular petrifications of fragmentary filicopsids, sphenopsids and pteridosperms, especially reproductive organs (Bed 6)
Unit 1	Poorly sorted, coarse sandstones and conglomerates, rich in volcanic ash and clasts	?Channel/ flood plain	1–5	Large, partially petrified pteridosperm axes (Bed 1)

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