

## Tables

(Table 3.1) General stratigraphical successions proposed for the Arfon area

	<b>Llanberis</b>	<b>Nantlle</b>
(Arenig	Wood, 1969; Reedman <i>et al.</i> , 1984 Graianog Sandstone)	Morris and Fearnside, 1926
Merioneth	Marchlyn Formation (with Carnedd y Filiast Grit at top)	
age uncertain	Bronllwyd Grit	Cwmffrŵch Grit
Comley	Llanberis Slates	Llanberis Slates
	Fachwen Formation	Glog Grits
		Cilgwyn Conglomerate
		Tryfan Grits
Cambrian or Precambrian	Padarn Tuff	Padarn Tuff

(Table 5.1) The trilobite faunas recognized by Illing, correlated with Scandinavian zonal succession (Rushton, 1979)

<b>Horizons</b>	<b>Faunas</b>	<b>Biozones</b>
G1–G3	Upper <i>Paradoxides davidis</i> Fauna	<i>Ptychagnostus punctuosus</i>
F1–F3	Lower <i>Paradoxides davidis</i> Fauna	<i>Hypaagnostus parvifrons</i>
E1–E3	<i>Hartshillia</i> (passage) Fauna	?
D1–D3	Upper <i>Paradoxides hicksii</i> Fauna	
B1–C3	Lower <i>Paradoxides hicksii</i> Fauna	<i>Tomagnostus fissus</i>
A4	<i>Paradoxides aurora</i> Fauna	<i>Ptychagnostus gibbus</i>

(Table 7.1) Divisions of the Tremadoc in Wales, showing their approximate correlation

<b>Fearnside (1910)</b> (Tremadoc or Ynyscynhaiarn)	<b>Howells and Smith (1997)</b>	<b>Fearnside (1905)</b> (Arenig area)	
Garth Hill Beds	Upper Mudstone	—	Migneintian
Penmorfa Beds	Upper Sandstone	Amnodd Beds	
Portmadoc Flags	Lower Mudstone	Tai-hirion Flags	
Moel-y-gest Beds	Lower Sandstone	Nant-ddu Beds	Cressagian
Tyn-Ilan Beds	Dolgellau Formation Dolgelly Beds	Niobe Beds	
(Dolgelly Beds			Merioneth)

(Table 15.1) Stratigraphy devised by Lapworth (1878, slightly modified)

<b>Formation</b>	<b>Graptolite zone</b>
------------------	------------------------

Birkhill Shale (Part	acuminatus perscultus extraordinarius		Silurian (part)
Upper Hartfell Shale (= 'Barren Mudstones')	anceps complanatus linearis	pacificus complexus	
Lower Hartfell Shale	clingani wilsoni 'peltifer'	morrisi caudarus	Ordovician
Glenkiln Shales	(gracilis — not seen at Dob's Linn)		

**References**

	<b>Llanberis</b>	<b>Nantlle</b>
	Wood, 1969; Reedman <i>et al.</i> , 1984	Morris and Fearnside, 1926
(Arenig	Graianog Sandstone)	
Merioneth	Marchlyn Formation (with Carnedd y Filiast Grit at top)	
age uncertain	Bronllwyd Grit	Cwmffyrch Grit
Comley	Llanberis Slates Fachwen Formation	Llanberis Slates Glog Grits Cilgwyn Conglomerate Tryfan Grits
Cambrian or Precambrian	Padarn Tuff	Padarn Tuff

(Table 3.1) General stratigraphical successions proposed for the Arfon area

<b>Horizons</b>	<b>Faunas</b>	<b>Biozones</b>
G1-G3	Upper } <i>Paradoxides</i>	<i>Ptychagnostus punctuosus</i> <i>Hypagnostus parvifrons</i>
F1-F3	Lower } <i>dauidis</i> Fauna	
E1-E3	<i>Hartsbillia</i> (passage) Fauna	?
D1-D3	Upper } <i>Paradoxides</i>	<i>Tomagnostus fissus</i> ? <i>Ptychagnostus gibbus</i>
B1-C3	Lower } <i>bicksii</i> Fauna	
A4	<i>Paradoxides aurora</i> Fauna	

(Table 5.1) The trilobite faunas recognized by Ming, correlated with the Scandinavian zonal succession (Rushton, 1979).

Fearnside's (1910) (Tremadoc or Ynyscynhaiarn)	Howells and Smith (1997)	Fearnside's (1905) (Arenig area)
Garth Hill Beds Penmorfa Beds	Upper Mudstone	— Amnodd Beds
Portmadoc Flags Moel-y-gest Beds Tyn-llan Beds (Dolgelly Beds)		Tai-hirion Flags Nant-ddu Beds Niobe Beds Dolgelly Beds
		Migneintian
		Cressagian
		Merioneth

(Table 7.1) Divisions of the Tremadoc in Wales, showing their approximate correlation.

Formation	graptolite zone	
Birkhill Shale (part)	{ acuminatus persculptus	Silurian (part)
Upper Hartfell Shale (= 'Barren Mudstones')	{ extraordinarius anceps { pacificus complanatus { complexus	
Lower Hartfell Shale	{ linearis clingani { morrisi wilsoni { caudatus	Ordovician (part)
Glenkiln Shale	{ 'peltifer' (gracilis – not seen at at Dob's Linn)	

(Table 15.1) Stratigraphy devised by Lapworth (1878), slightly modified.