

	HINLOPENSTRETET	BÜNSOW LAND	SOUTH DICKSON LAND	NORTH OF KAPP WAERN	JAMES I LAND		BRØGGERHALVØYA		OSCAR II LAND	FESTNINGEN BELLSUND	REINODDEN SUPAN-BERGET	AHLSTRANDODDEN BERZELIUSTINDEN SAUSSUREBERGET	KOPERNIKUS-FJELLET	SVARTPERLA	ADRIABUKTA	NORTH WEST SØRKAPP LAND	SØRKAPPØYA	BJØRNØYA	
					DRONNING FJELLA	GARWOOD TOPPEN	EAST	WEST											
	Cambridge Spitsbergen Expeditions 1951, 1959	Forbes et al. 1958	Forbes et al. 1958	Bates & Schwarzacher 1958	Holtedahl 1913, Durham Spitsbergen Expedition 1960		Holtedahl 1911, Orvin 1934		Birmingham Spitsbergen Expedition 1951 Dineley 1958	Holtedahl 1913 Hoel & Orvin 1937	Orvin 1940 Rozycki 1958		Birkenmajer & Czarniecki 1960		Siedlecki 1960	Frebald 1937	Andersson 1900 Horn & Orvin 1928		
			Eo-Triassic					Tertiary	Eo-Triassic	Eo-Triassic	Eo-Triassic		Eo-Triassic	Eo-Triassic	Eo-Triassic	Eo-Triassic		Carnian	
SVALBARDIAN	Brachiopod Chert	Brachiopod Chert 300m	Upper	Brachiopod Chert	chert 150m+	chert 150m	chert 200m	Brachiopod	Brachiopod Chert	Brachiopod Chert	Brachiopod Chert		Brachiopod Chert Limestone 5m	Cherty Limestone 50m	Brachiopod Chert Limestone 7m	Cherty Limestone 50m	Brachiopod Chert Limestone 7m	Brachiopod Chert Limestone 7m	Brachiopod Chert Limestone 7m
	Spirifer Limestone 120m+		Middle	Spirifer Limestone 300m				Chert	Brachiopod Limestone 240m	Spirifer Limestone 390m	Spirifer Limestone 400m		Spirifer Limestone		Spirifer Limestone				
Lower with Spirifer Limestone	Lower		Spirifer Limestone 300m																
?????????																			
ARTINSKIAN																			
?????????																			
SAKMARIAN	limestone	Limestone 560m	Upper Gypsiferous Series	Limestone	dolomite 150m gypsum 100m dolomite 50m	limestone 160m	evaporites 60m contorted lst. & dolomite 200m limestone 350m	limestone 130m	Gyathophyllum	gypsiferous beds	Gyathophyllum	Gyathophyllum	Gyathophyllum	Gyathophyllum	Gyathophyllum	Gyathophyllum	Gyathophyllum	Gyathophyllum	Gyathophyllum
UPPER CARBONIFEROUS			Lower	Pyramiden Conglomerate 75-300m															
MIDDLE CARBONIFEROUS	limestone?	Campbellryggen Group 400m	Lower Gypsiferous Series	Gypsiferous Series 250m	Transition Beds	Scheteligfjellet Beds 5-10m	Charlesbreen Group 200m	Tårnkanten Sandstone 240m	Petrelskardet shale 200m	Vegard Sandstone 125m	conglomerate, sandstone and shale c.20m	red and green conglomerate, sandstone, and shale 200m	Hyrnefjellet Beds 30m	Hyrnefjellet Beds 70-270m	Hyrnefjellet Beds 70-270m	Hyrnefjellet Beds 70-270m	Hyrnefjellet Beds 70-270m	Hyrnefjellet Beds 70-270m	Hyrnefjellet Beds 70-270m
LOWER CARBONIFEROUS	shale red sandstone 30-40m	Billefjorden Sandstone 200m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m	Billefjorden Sandstone 80-150m
	Hecla Hoek	Hecla Hoek	Old Red Sandstone	Old Red Sandstone	Old Red Sandstone	Old Red Sandstone	O.R.S. Hecla Hoek	Hecla Hoek	Hecla Hoek	Hecla Hoek	Hecla Hoek	Hecla Hoek	Hecla Hoek	Hecla Hoek	Old Red Sandstone	Old Red Sandstone		Hecla Hoek	

Fig. 9. A correlation of the Carboniferous and Permian formations of Svalbard.