

Geological time-line scarf knitting pattern

Data is taken from the International Geostratigraphic Chart 2024
 Figures are rounded for convenience. The scale of the scarf is 1 cm
 for each 10 million years. The table below is not to scale.



Eon or Period	Dates million years	Time interval million years	Length in cm	Significant events	Suggested colours
Quaternary	2.5 - 0	2.5	0.25	Glacial events	thin white stripe
Neogene	25 - 2.5	22.5	2.25	Alpine mountains	beige
Palaeogene	65 - 25	40	4	Mammals	pale grey
Cretaceous	145 - 65	80	8	Chalk	pale green
Jurassic	200 - 145	55	5.5	Limestones/ clays	yellow
Triassic	250 - 200	50	5	Deserts	orange
Permian	300 - 250	50	5	Deserts	bright red
Carboniferous	360 - 300	60	6	Coal with glacial period at the end	thin white stripe at top black
Devonian	420 - 360	60	6	Deserts	dull red
Silurian	440 - 420	20	2	Marine	lilac/mauve
Ordovician	490 - 440	50	5	Caledonian mountain building	mid-blue
Cambrian	540 - 490	50	5	First life with hard parts	dark green
Ediacaran	630 - 540	90	9	First complex life	grey/brown
Cryogenian	720 - 635	85	8.5	Three glacial events	very thin white stripe at top 1.5 cm white stripe middle 5 cm white stripe at base
Proterozoic	2500 - 720	1780	178	Start of oxygenated atmosphere. Glacial event at beginning	yellow/beige/brown thin white stripe at base
Archean	4000 - 2500	1500	150	Blue-green algae - first crustal rocks	blue-green
Hadean	4600 - 4000	600	60	Molten ball, cooler after 4200	yellow/orange/red
TOTALS		4600	460		

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