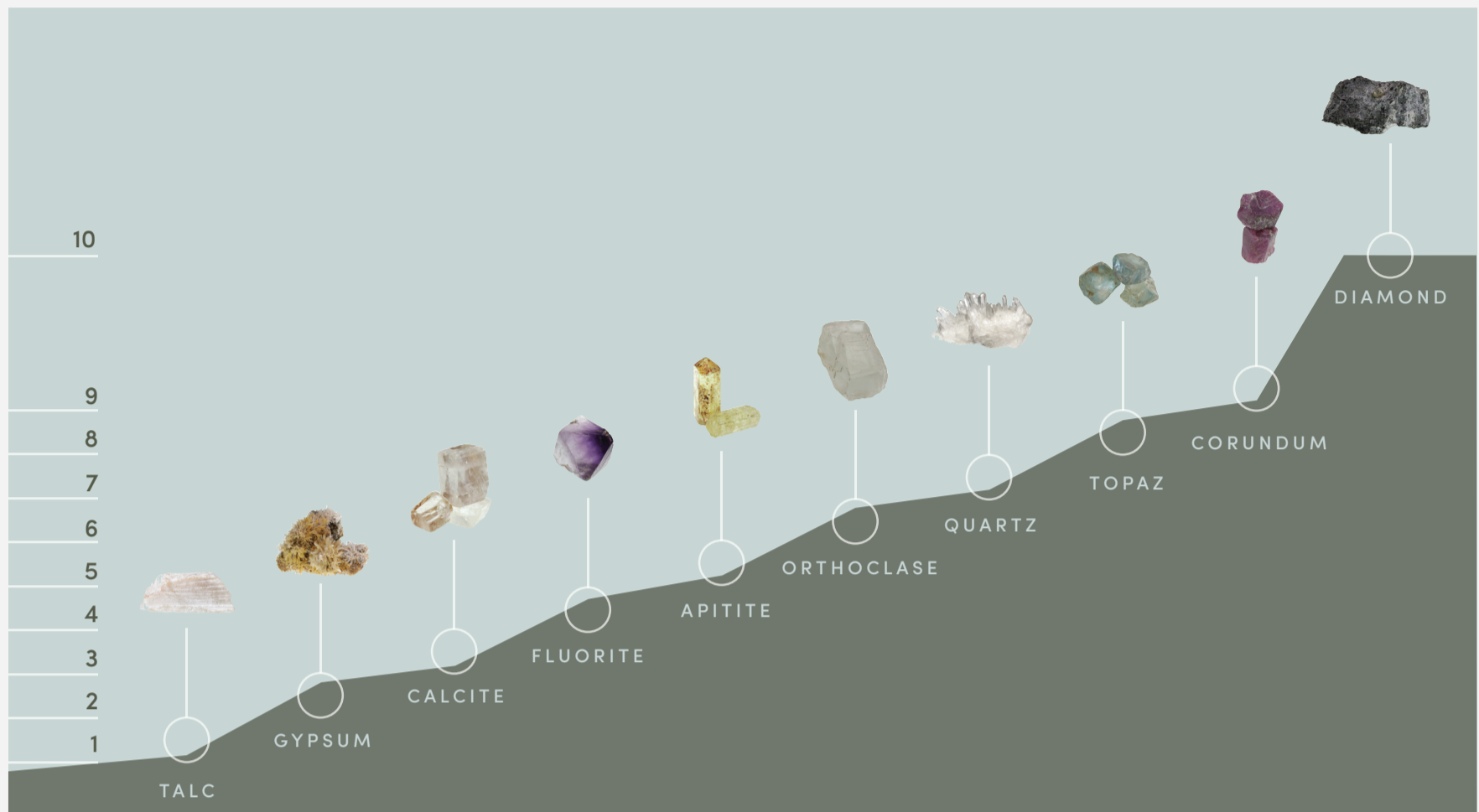
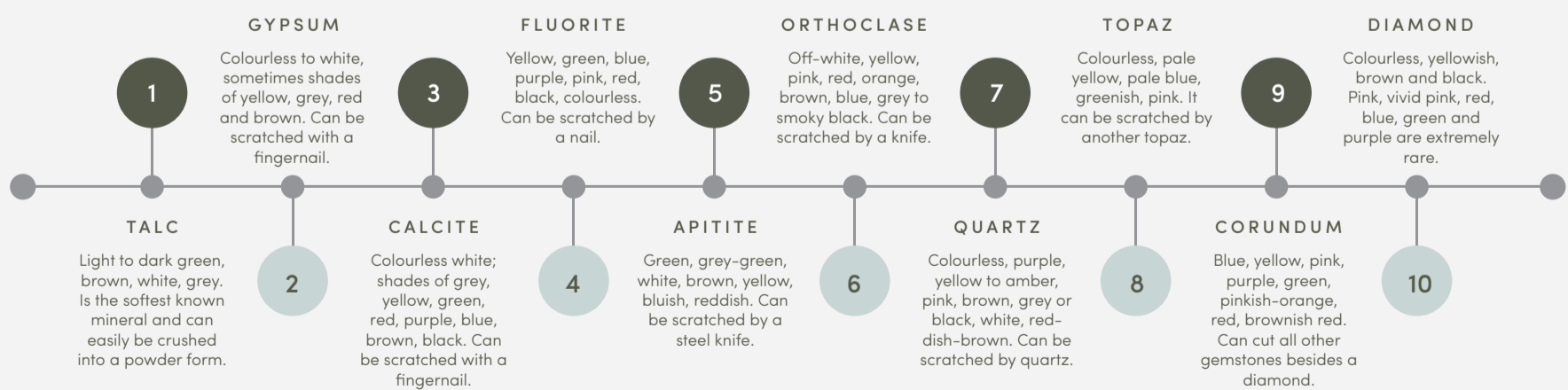


# MOHS SCALE

## GEM AND MINERAL HARDNESS



MINERAL	CHEMICAL FORMULA	ABSOLUTE HARDNESS
1 DIAMOND	C	1600
2 CORUNDUM	Al <sub>2</sub> O <sub>3</sub>	400
3 TOPAZ	Al <sub>2</sub> SiO <sub>4</sub> (OH-,F-) <sub>2</sub>	200
4 QUARTZ	SiO <sub>2</sub>	100
5 ORTHOCLASE	KAlSi <sub>3</sub> O <sub>8</sub>	72
6 APITITE	Ca <sub>5</sub> (PO <sub>4</sub> ) <sub>3</sub> (OH-,CL-,F-)	48
7 FLUORITE	CaF <sub>2</sub>	21
8 CALCITE	CaCO <sub>3</sub>	9
9 GYPSUM	CaSO <sub>4</sub> ·2H <sub>2</sub> O	3
10 TALC	Mg <sub>3</sub> Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub>	1



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