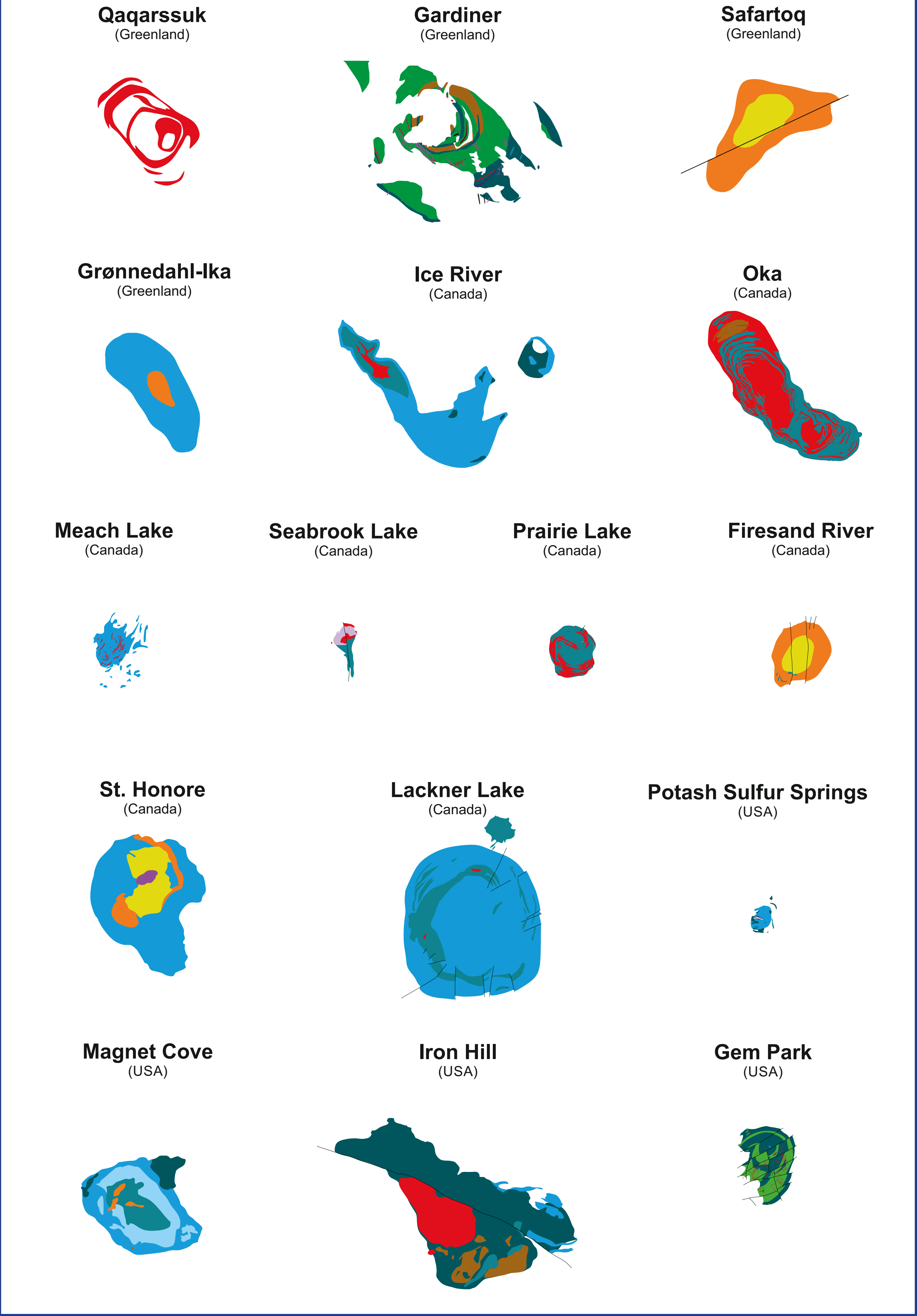
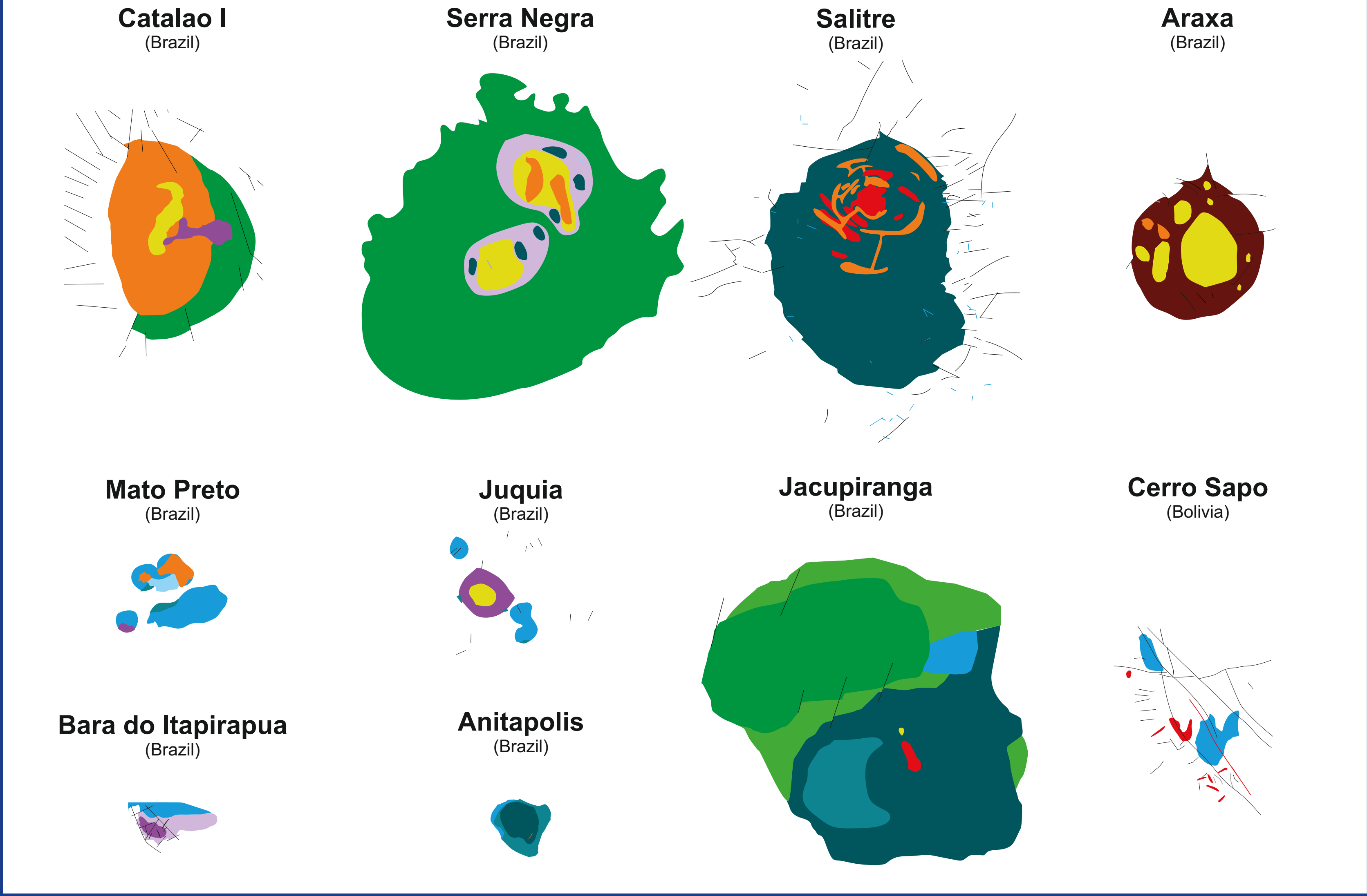


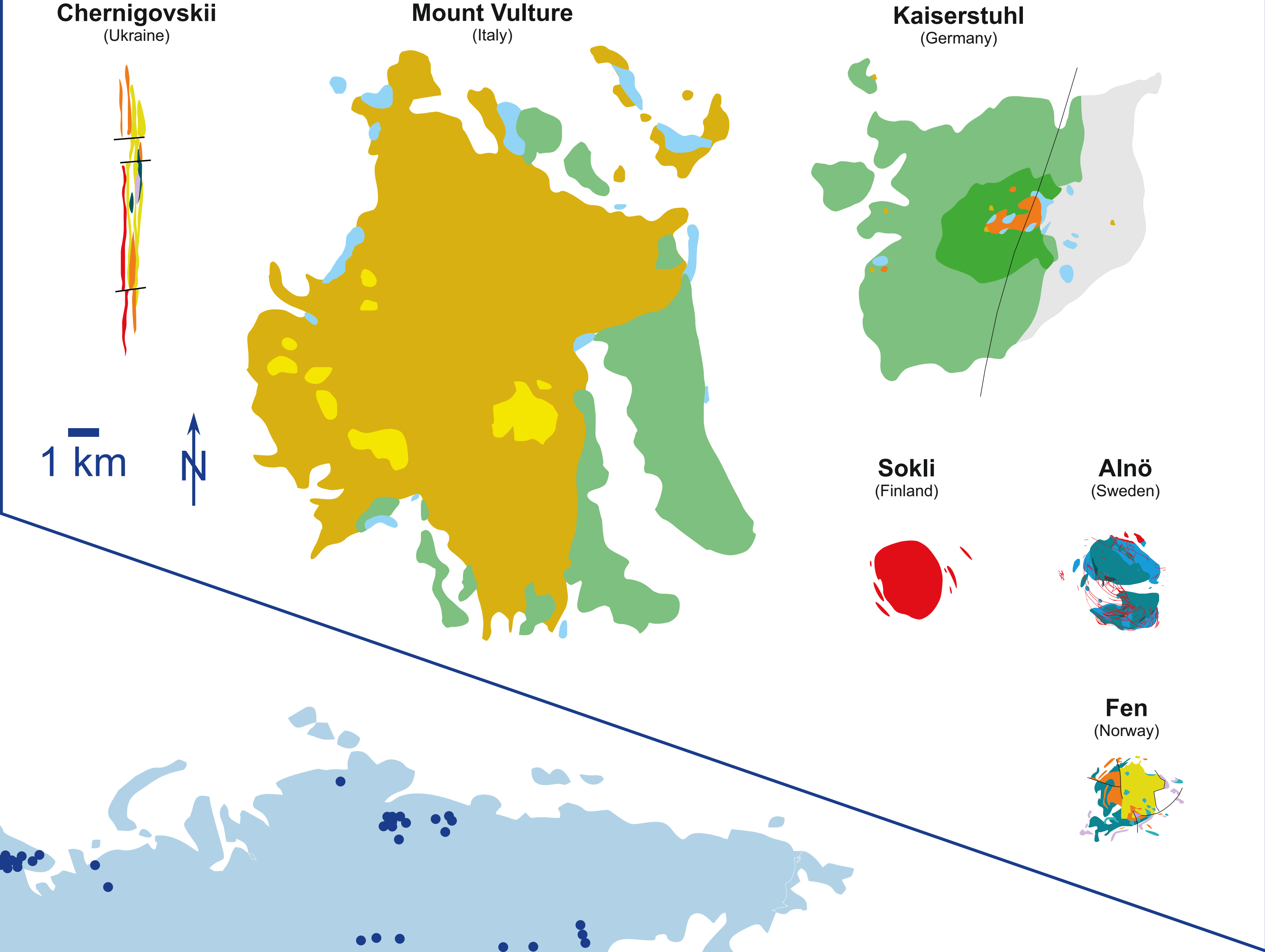
NORTH AMERICA



SOUTH AMERICA



EUROPE



Carbonatite Occurrences of the World



modified after Woolley and Kjarsgaard (2008) and Verplanck and Hitzmann (2016)

Undifferentiated carbonatite, phoscorite	Glimmerite	Undifferentiated plutonic silicate rock	Undifferentiated dyke/volcanic silicate rock
Calcite carbonatite (calciocarbonatite, sövite, alvikite)	Olivinite (dunite)	Foidolite	Foidite
Dolomite carbonatite (magnesiocarbonatite, rauhaugite, beforsite)	Pyroxenite	Ijolite - urtite - melteigite	Lamprophyre
Ankerite/Siderite carbonatite (ferrocarbonatite, Mn-rich carbonatite)	Fault	Syenite - foid syenite	Trachyte - phonolite
Extrusive carbonatite	Breccia/agglomerate	Gabbro, diorite, monzonite	Tephrite, basanite, basalt

For references to geological maps, please refer to Supplementary Information - Appendix 2