

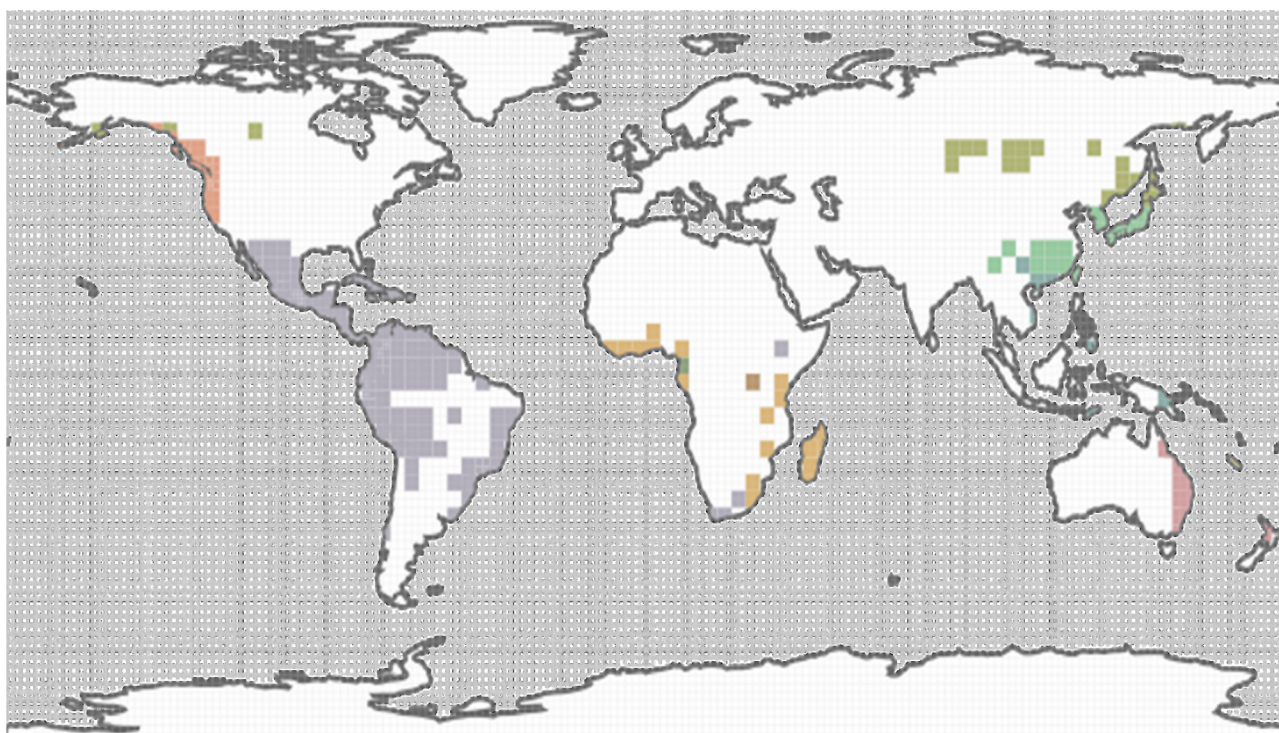


Figure S1. Raw output of Infomap bioregion. The Infomap Bioregions analysis traced nine distinct bioregions: Bioregion 1: South America + Central America + southern part of North America + parts of Africa (light violet); Bioregion 2: West Coast of the United States + West Coast of Canada (pastel terra cotta); Bioregion 3: Africa+ Madagascar (pastel brown; Bioregion 4: Oceania (pink); Bioregion 5: China+ South Korea+ Japan (aqua green); Bioregion 6: Southeast China+ Vietnam + Philippines + Indonesia (cyan blue); Bioregion 7: Russia + Canada and Alaska (moss green); Bioregion 8: Central Africa (brown); Bioregion 9: West coast of Africa (dark green).