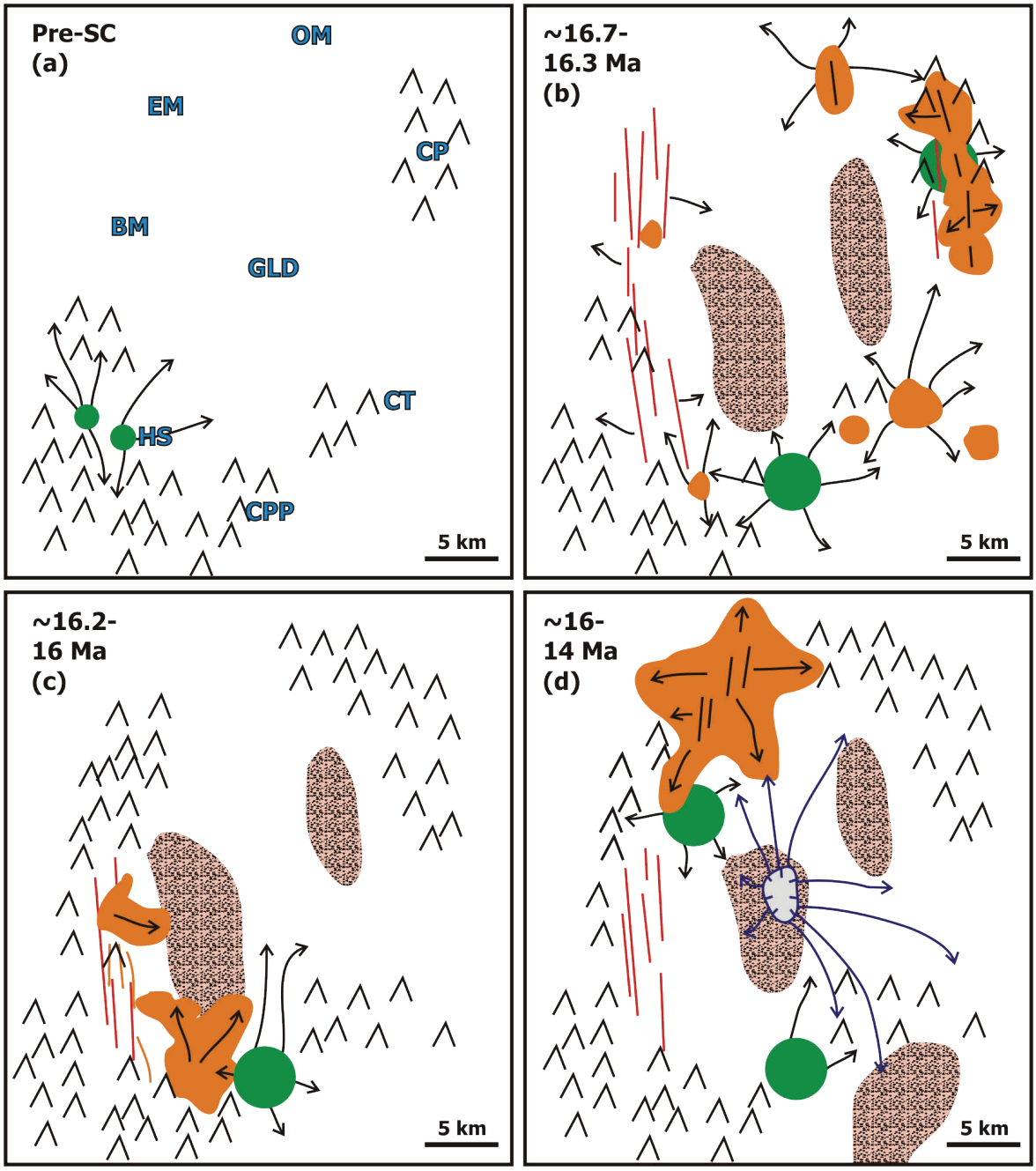

Figure 15. Schematic illustration of the geologic development of the SC. Large carets (Λ) depict regions of higher elevation. Red lines depict basaltic dike swarms/zones of eruptive loci. Orange ovals depict silicic domes/outflow. Black lines depict silicic dikes and dike swarms. Green circles depict Tad (intermediate units) eruptive loci, except for (a), where they depict probable Tarc loci. Shaded beige regions depict Goosey Lake depression sedimentary depocenters and in (d), the Tcst caldera is illustrated by blue circle with inward-facing hachures. The black lines with arrowheads indicate flow directions (away from source) of lava flows associated with identified eruptive loci and vent regions. **(a)** Before SC volcanism illustrating possible Tarc eruptive loci near Hinkey Summit and regions of high relief. Blue abbreviations as in Figure 6. **(b)** 16.7- to 16.3-Ma SC activity. **(c)** 16.2- to 16-Ma SC activity. **(d)** 16- to 14-Ma SC activity.