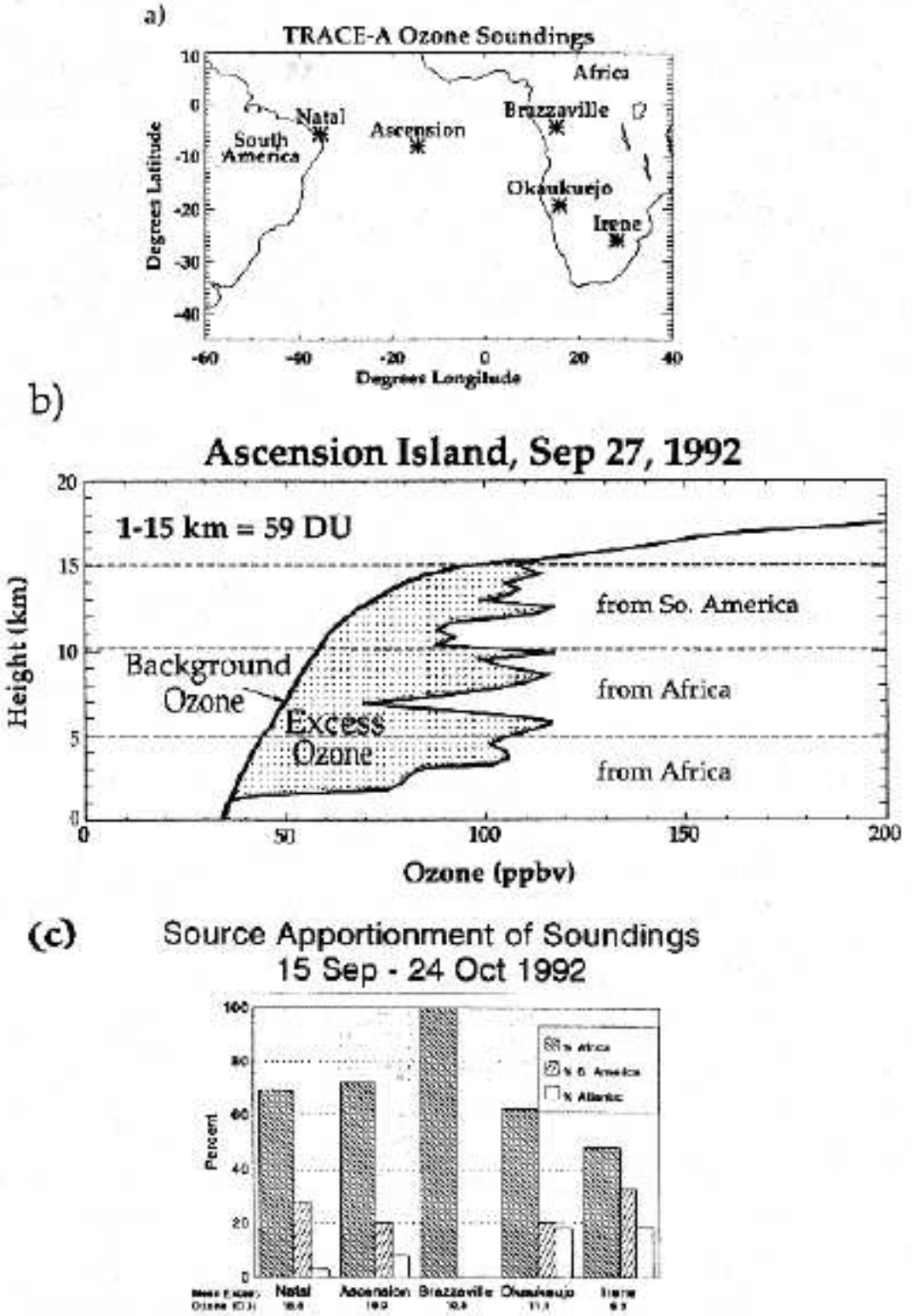

Fig. 11 - (a) TRACE-A and SAFARI (Southern African Fire Atmospheric Research Initiative) ozone sounding sites in September-October 1992. (b) Excess ozone illustrated for typical sounding at Ascension Island, 27 September 1992. Origin of excess ozone determined by running back trajectories in clusters from lower (0-5 km), middle (5-10 km) and upper tropospheric (10-15 km) ozone peaks; (c) Composite of excess ozone origins for five sounding sites in (a). Fractions determined by weighting origins by amount of excess O_3 in each layer. Excess ozone referenced to March-April-May ozonesondes except for Okaukuejo, which was determined by averaging March-April-May soundings for other African sites.