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Atmospheric Chemistry and Physics Discussions

Interactive comment on "Hydrogen peroxide in the marine boundary layer over the southern Atlantic during the OOMPH cruise in March 2007" *by* H. Fischer et al.

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I would like to point out that further ozone measurements were performed over the South Atlantic during the Polarstern cruise ANTXVI/2 from Neumayer Station to Cape Town. Between 37 and 70 °S we observed an average of 17.3 ppb ozone in the marine boundary layer during the period from 2 to 15 March 1999 (see Figure 2 in the reference below). This adds a further point regarding ozone observations in this region. Still, I agree with the authors that these limited observations do not enable to determine a trend in ozone over the South Atlantic.

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Interactive Discussion

Discussion Paper

Reference:

Jacobi, H.-W., and O. Schrems, Peroxyacetyl nitrate (PAN) distribution over the South Atlantic Ocean, Phys.Chem.Chem.Phys. 1, 5517-5521, 1999.

Interactive comment on Atmos. Chem. Phys. Discuss., 14, 30547, 2014.