

Interactive comment on “Brown carbon absorption in the red and near infrared spectral region” by A. Hoffer et al.

E. Lewis

elewis@bnl.gov

Received and published: 30 June 2016

My comments do not refer to the content of the manuscript, but to the means of presenting the data, specifically Figure 2, which presents the absorption coefficient against the wavelength on a linear-linear plot, but then fits the data to a power law to obtain an absorption Angstrom exponent. Were the data to be presented on a log-log plot, then the fits would be straight lines and it would be easier for the reader to judge the quality of the fits. Additionally the measurement at wavelength 370 nm could be included so that the reader could judge for him/herself how far from the fit it was.

Additionally, it was stated in the text that for Mie calculations, "the index of refraction of tar balls at 652 nm was taken from Hoffer et al. (2016)," but stating the value would save the reader from downloading another paper merely to find this value.

C1

Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2016-452, 2016.

C2