

Supporting information

Morphology, Composition and Mixing State of Individual Carbonaceous Aerosol in the Urban Atmosphere of Shanghai

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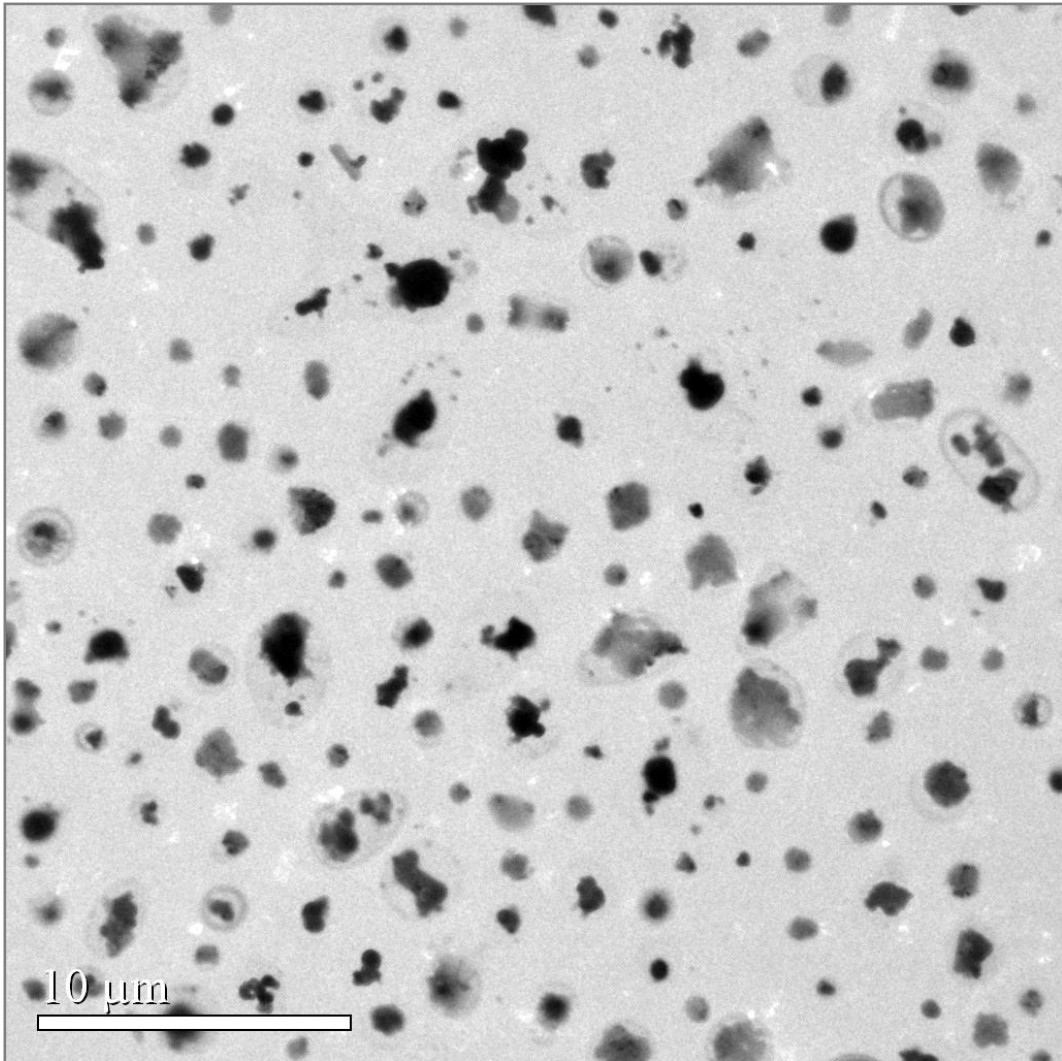


Figure S1. Typical TEM image showing well-separated individual particles.

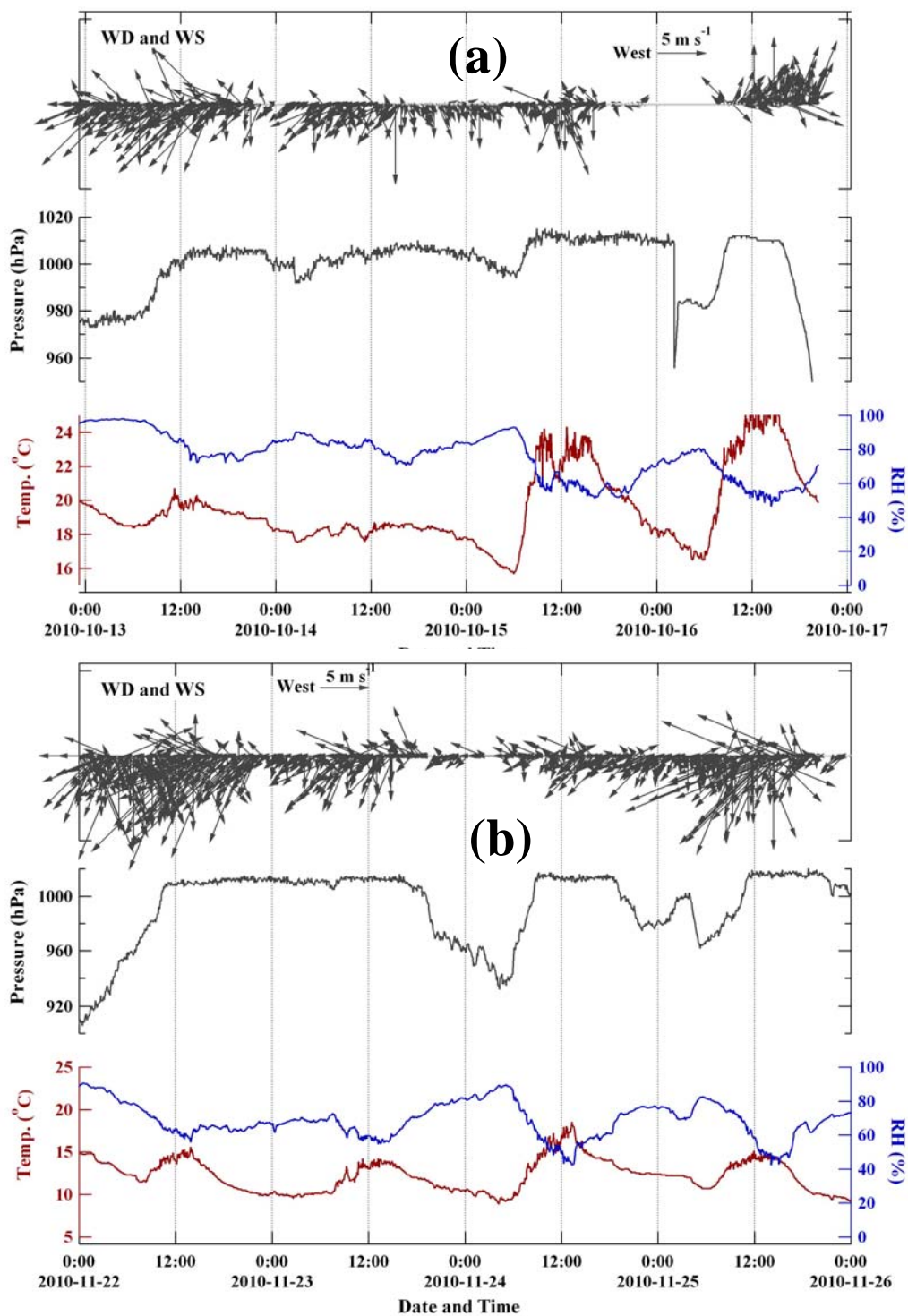


Figure S2. Hourly meteorological data (WD = wind direction, WS = wind speed, RH = relative humidity) during sampling: (a) Oct. 15, 2010, and (b) Nov. 24, 2010.

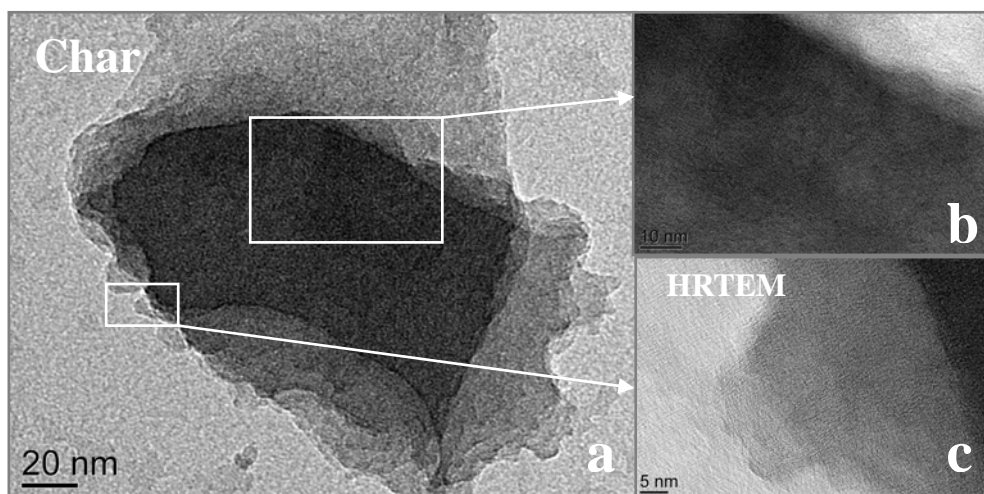


Figure S3. TEM images of char. HRTEM of the carbonaceous matter shows various degrees of crystallinity; from a small amount of rounded fringes (b) to the very crystalline carbon.

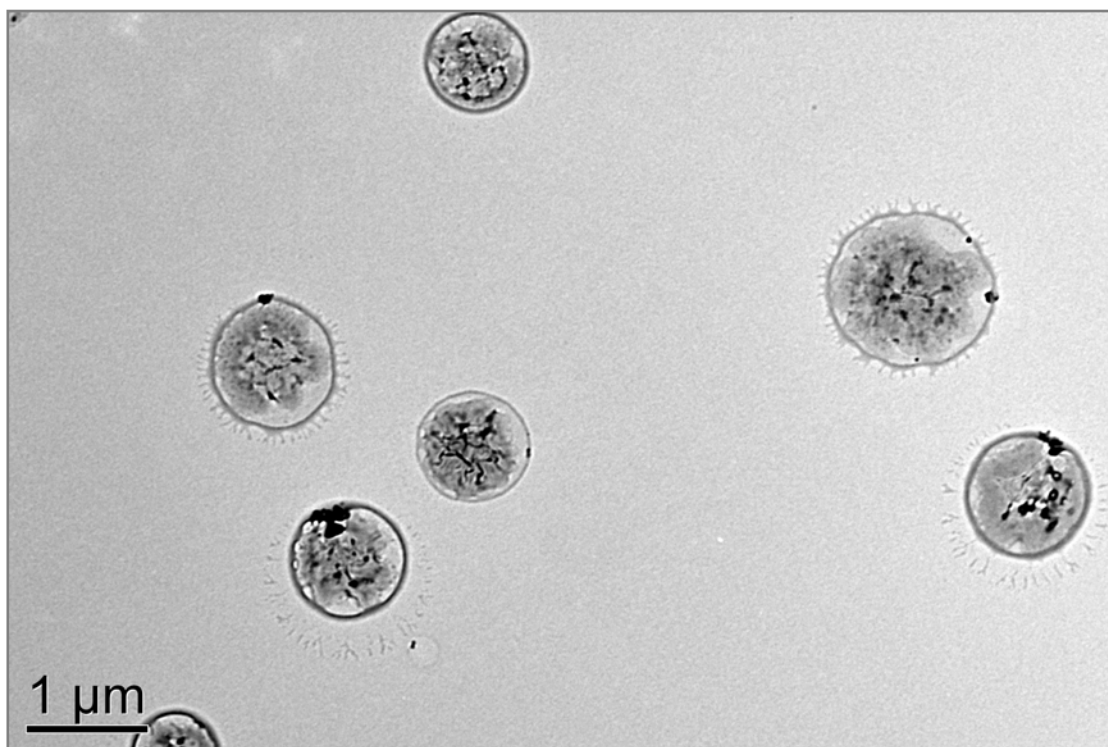


Figure S4. A typical TEM image of the particles with organic coating. The sample is collected on Nov. 24.

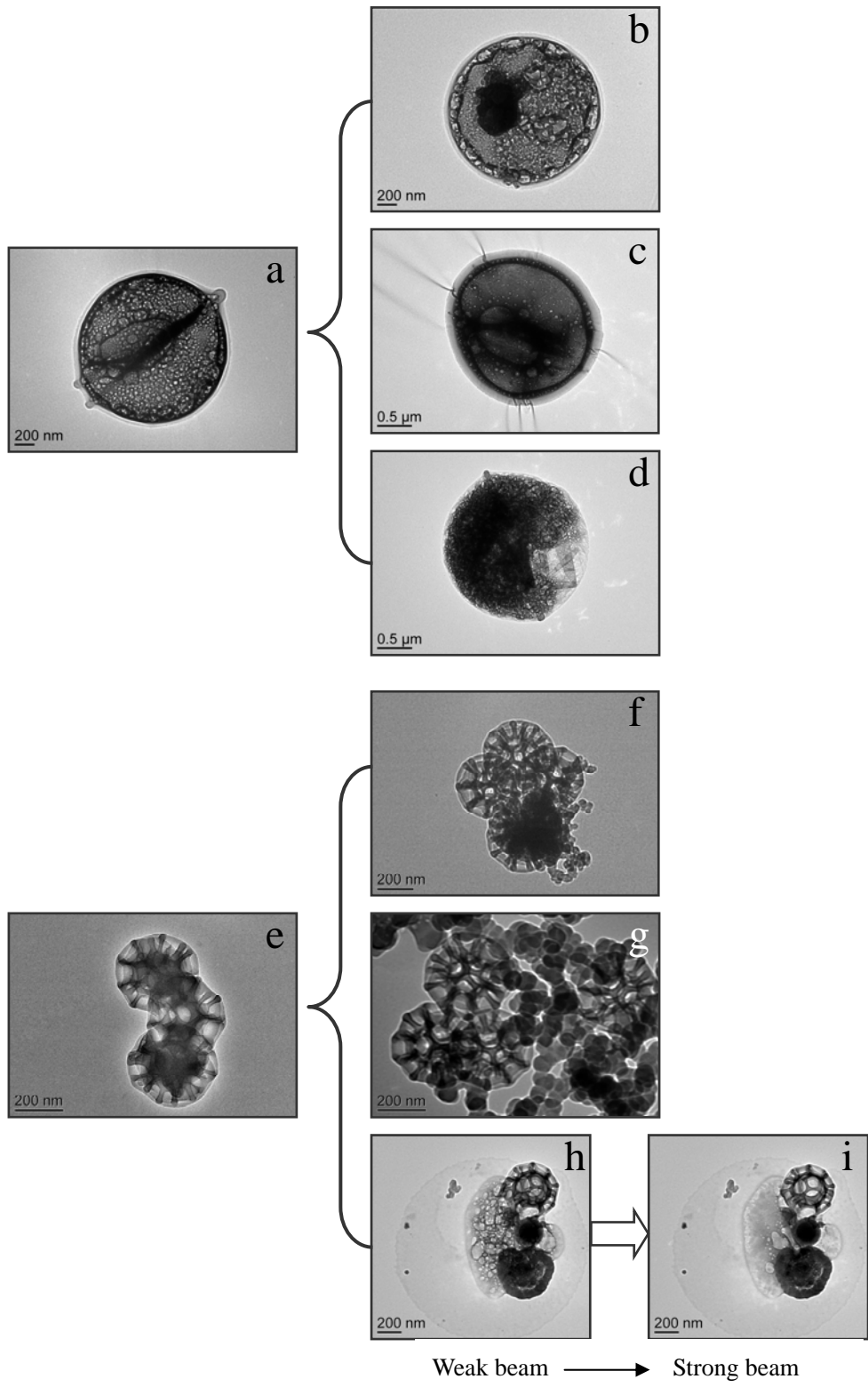


Figure S5. TEM images of aged biological particles.