ELECTRONIC SUPPLEMENTARY INFORMATION

Distribution of aluminium in hydrated leaves of tea (*Camellia sinensis*) using synchrotron- and laboratory-based X-ray fluorescence microscopy

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Suppl Fig 1. Synchrotron-based XFM elemental maps of Al, Ca and K of a hydrated leaf portion of *Camellia sinensis*.



Suppl Fig 2. Synchrotron-based XFM elemental maps of Al, Ca, K and P of a hydrated petiole cross-section of *Camellia sinensis*.



Suppl Fig 3. Synchrotron-based XFM elemental maps of Al, Ca, K, S, P and Cl of a hydrated leaf cross-section of *Camellia sinensis*.