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Supplement of

Triple oxygen isotopes indicate urbanization affects sources of nitrate in wet and dry atmospheric deposition

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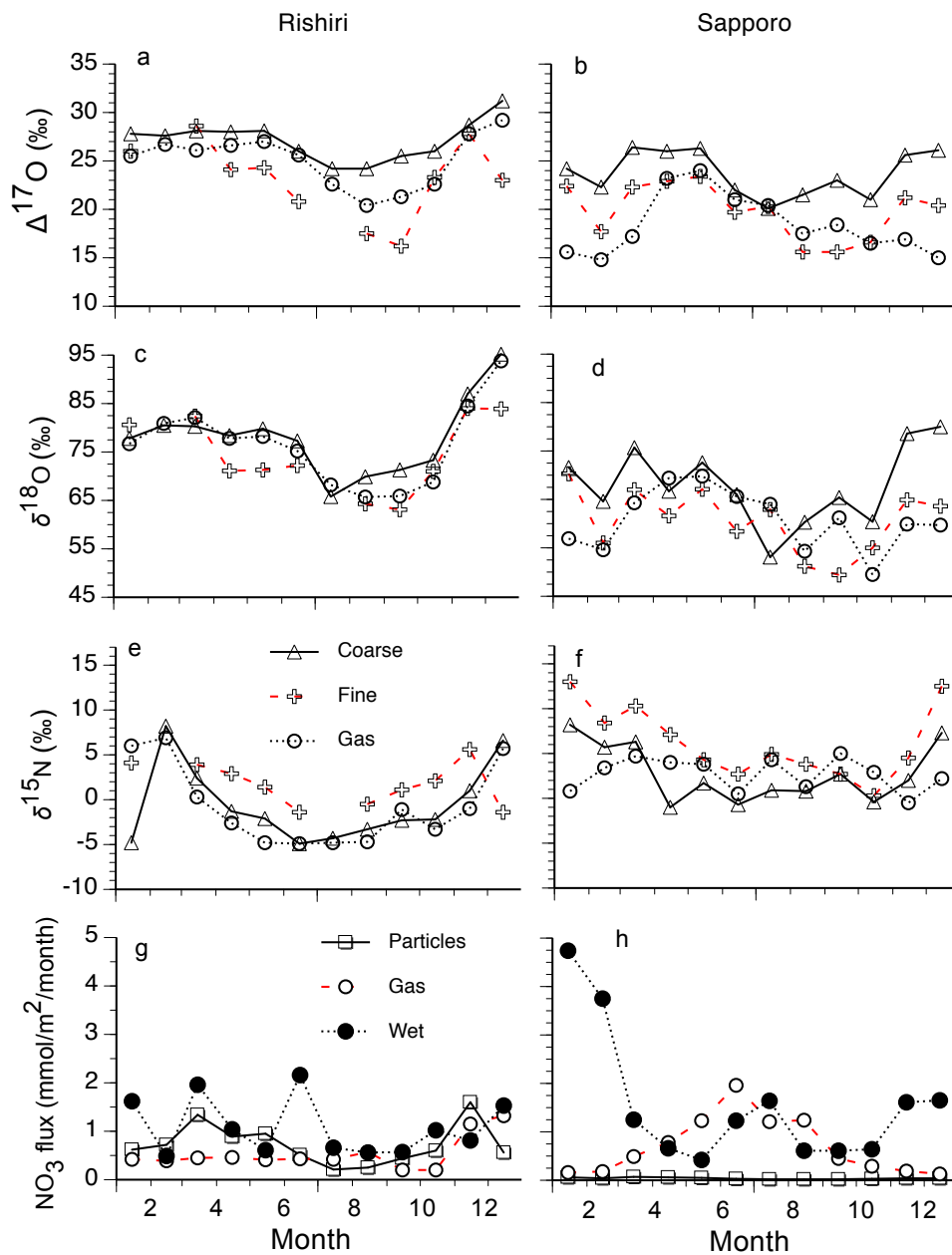


Figure S1. Time series of monthly weighted-average a, b) $\Delta^{17}\text{O}$ values of nitrate in coarse and fine particles and in gaseous form, c, d) $\delta^{18}\text{O}$ values of nitrate in coarse and fine particles and in gaseous form, e, f) $\delta^{15}\text{N}$ values of nitrate in coarse and fine particles and gaseous form, and g, h) fluxes of particulate nitrate, gaseous nitrate, and wet nitrate. Data from Rishiri (rural) are in left column and data from Sapporo (urban) are in right column.