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2 **Video S1.** Time laps video (about 5 minutes real time) of the precipitation of particles
3 collected in a KOSMOS sediment trap with 150 μL FeCl_3 (2.4 M) added to 500 mL of
4 particle suspension. After switching off the magnetic stirrer, the large and dense flocks
5 rapidly sink down to the bottom of the glass beaker. The sample's pH was stabilized with
6 330 μL NaOH (3 M) simultaneously added to the particle suspension.