

Table S10 Additional information of individuals of AAS

| Sample | Dry weight [g] | powder weight [g] | TVG _{Ca} [mm ³] | Mean concentration of Ca [μmol/mg] |
|------------------|----------------|-------------------|--------------------------------------|------------------------------------|
| C1 _{Ca} | 0.11 | 0.09 | 7.719 | 1.91 |
| C2 _{Ca} | 0.05 | 0.04 | 0.195 | 2.82 |
| C3 _{Ca} | 0.08 | 0.05 | 2.107 | 1.92 |
| C4 _{Ca} | 0.05 | 0.03 | - | 2.94 |
| C5 _{Ca} | 0.02 | 0.01 | - | 3.94 |
| C6 _{Ca} | 0.05 | 0.02 | - | 3.12 |