

Table 1S Dimensions and frequency of Calcium Oxalate plates at various growth stages

| Growth stage | No. of plates | | | | Plate average dimensions (visually more frequent size) | | | | Plate Largest dimension | | |
|--------------|---------------|-----------|-----------|------------|--|--------------|-------------|----------------------------|-------------------------|------------|----------------------------|
| | Fibre 1 | Fibre 2 | Fibre 3 | Fibre 4 | Avg. ± SD | Length (µm) | Width (µm) | Longitudinal Distance (µm) | Length (µm) | Width (µm) | Longitudinal Distance (µm) |
| NF | 15 (55.3) | 87 (149) | 75 (155) | 90 (149) | 66.75 ± 5.10 | 31.09 ± 6.91 | 3.97 ± 0.11 | 3.26 ± 0.92 | 73.91 (F4) | 4.78 (F1) | 32.61 (F1) |
| F | 15 (115) | 53 (91.5) | 41 (119) | 73 (93.6) | 45.50 ± 4.24 | 34.24 ± 2.08 | 5.60 ± 2.62 | 5.43 ± 4.16 | 73.48 (F1) | 6.30 (F4) | 8.70 (F3) |
| LF | 35 (63.8) | 27 (61.7) | 38 (89.4) | 36 (148.9) | 34.00 ± 4.83 | 39.67 ± 5.65 | 3.64 ± 1.09 | 6.25 ± 1.63 | 89.13 (F1) | 4.35 (F4) | 5.43 (F3) |
| FM | 106 (119) | 39 (91.5) | 0 (110.6) | 6 (154) | 37.75 ± 8.62 | 42.75 ± 6.99 | 4.71 ± 0.63 | 7.61 ± 2.88 | 73.91 (F1) | 2.61 (F4) | 15.22 (F2) |
| M | 2 (64.9) | 53 (107) | 0 (80.9) | 37 (123) | 23.00 ± 6.24 | 34.94 ± 5.37 | 3.18 ± 2.21 | 6.76 ± 4.00 | 52.17 (F4) | 5.61 (F2) | 10.87 (F4) |

Fibre diameter (µm) in parentheses; N = 4 for NF, F, and LF; N = 3 for FM and M