

**Supplemental Table A.** Minimum (min), maximum (max), and mean elevation (in meters) within the bounding window for each study site based on the digital elevation model (DEM), the fitted elevation trend surface, and the residuals of the trend surface (i.e., microtopography).

| Site     | <u>DEM</u> |       |       | <u>Trend surface</u> |       |       | <u>Microtopography</u> |      |      |
|----------|------------|-------|-------|----------------------|-------|-------|------------------------|------|------|
|          | min        | max   | mean  | min                  | max   | mean  | min                    | max  | mean |
| FW1-2011 | 21.97      | 24.11 | 22.87 | 22.16                | 23.58 | 22.81 | -0.35                  | 1.06 | 0.06 |
| FW1-2015 | 21.95      | 23.98 | 22.77 | 22.10                | 23.45 | 22.71 | -0.33                  | 0.91 | 0.05 |
| FW2      | 16.02      | 20.54 | 19.04 | 16.58                | 20.13 | 18.97 | -0.62                  | 0.99 | 0.07 |
| SC1-2011 | 33.38      | 39.30 | 37.26 | 33.04                | 38.54 | 37.16 | -1.65                  | 1.81 | 0.11 |
| SC1-2015 | 35.47      | 39.30 | 37.48 | 35.84                | 38.41 | 37.39 | -1.80                  | 1.47 | 0.09 |
| SC2      | 16.36      | 24.14 | 21.71 | 18.91                | 21.94 | 21.55 | -3.19                  | 2.22 | 0.16 |
| MX1      | 33.45      | 39.20 | 37.25 | 33.86                | 38.23 | 37.19 | -1.65                  | 1.88 | 0.06 |
| MX2      | 23.03      | 28.60 | 26.04 | 23.31                | 26.86 | 25.91 | -0.86                  | 2.03 | 0.13 |