Table Two. Detailed description of CSC parameters with units and references, where available. Table adapted from Atkins et al. 2018.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Symbol** | **Units** | **Description** | **References** |
| **Area/Density** |  |  |  |  |
| Mean VAI | *VAI* |  | Mean of column summed vegetation area index | Beland *et al.* 2011; Hardiman *et al.* 2013a |
| **Height** |  |  |  |  |
| Mean Outer Canopy Height | *MOCH* | m | Mean of the column maximum canopy height | Parker *et al.* 2004; Atkins *et al.* 2018 |
| **Arrangement** |  |  |  |  |
| Clumping Index | Ω |  | Degree of foliar clumping | Zhao *et al.* 2012; Hardiman *et al.* 2013a |
| Canopy Porosity | *PC* | Ratio | Ratio of bins with no leaf area to total bins | Hardiman *et al.* 2013a; Loefller *et al.* 1992; Zhu *et al.* 2005 |
| **Cover and Openness** |  |  |  |  |
| Gap Fraction | Θ | Ratio | Transect mean of column ratio of sky hits relative to total leaf returns | Chen *et al.* 2005; Zhao *et al.* 2012; Hardiman *et al.* 2013a |
| Cover Fraction | *CF* | Ratio | Transect mean of column ratio of canopy hits relative to total leaf returns | Hardiman *et al.* 2013a |
| **Complexity** |  |  |  |  |
| Canopy Rugosity | *RC* | m | Transect variability of column variability of leaf density | Hardiman *et al.* 2011; Hardiman *et al.* 2013a |
| Top Rugosity | *RT* | m | Transect variability of column maximum canopy height | Hardiman *et al.* 2013a; Parker *et al. 2004* |
| Rumple |  | Ratio | Ratio of the outer canopy surface to the ground surface | Parker *et al.* 2004, *Kane et al.* 2008, Kane *et al.* 2010 |