

## Liana Crown Infestation

- 0 No lianas in crown
- 1 1-25% of crown covered by lianas leaves
- 2 >25-50% of crown covered
- 3 >50-75% of crown covered
- 4 >75% of crown covered

## <u>Crown Illumination Index Definition – English version</u>

The RAINFOR network uses a modified form of the Dawkins index (Dawkins 1958), as in Synnott (1979) and Moravie (1999)

## **Index Definition**

- 5 Crown completely exposed to vertical and lateral light in a 45 degree curve, e.g. emergent
- 4 Crown completely exposed to vertical light, but lateral light blocked within some or all of the 90 degree inverted cone encompassing the crown
- 3b High vertical illumination (>50%)
- 3a Some vertical light (<50% of the vertical projection of the crown is exposed to vertical light)
- 2c High lateral light
- 2b Medium lateral light
- 2a Low lateral light
- 1 No direct light (crown is not lit directly vertically or laterally)

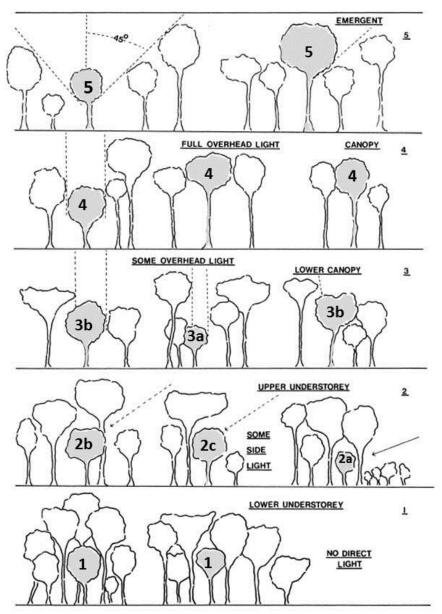


Figure 1. Crown Position Scores (Reproduced from Silvicultural Research Plan, 1959-63, Forest Dept., Uganda.)

Image taken from Synnott, T.J. (1979). Synnott, T.J. (1979). A manual of permanent plot procedures for tropical rain forests. Tropical Forestry Papers no. 14. 67pp. Department of Forestry Commonwealth Forestry Institute, University of Oxford. UK. ISBN:0 85074 031 2. ISSN:0141-9668.