

Data chapter

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1 Introduction

2 Alice Holt research site

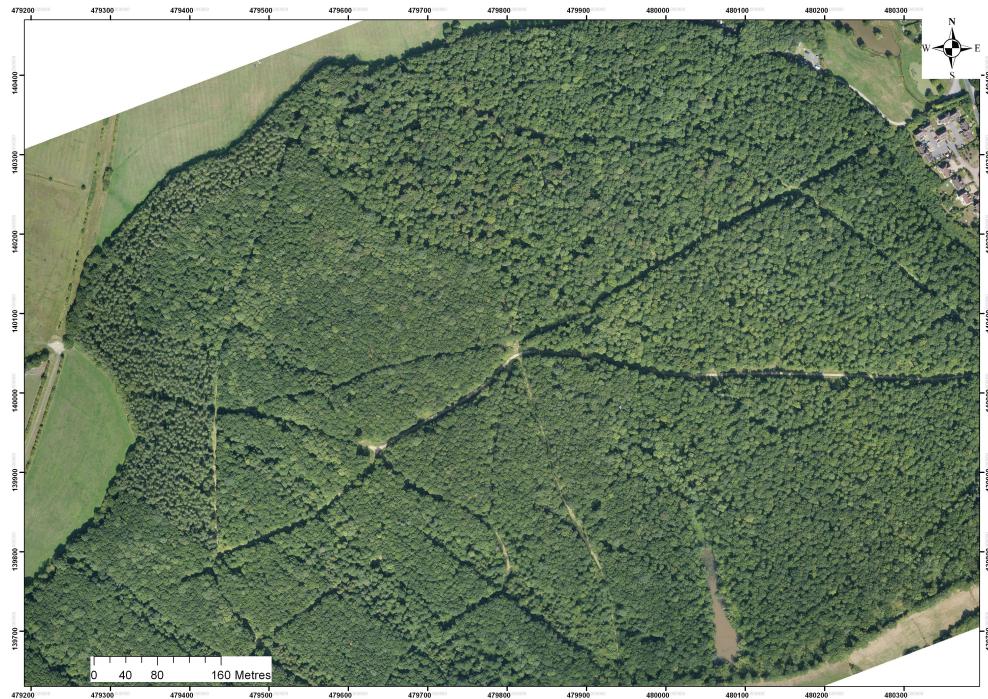


Figure 1: Alice Holt forest site in 2013.

3 Establishment of sampling points

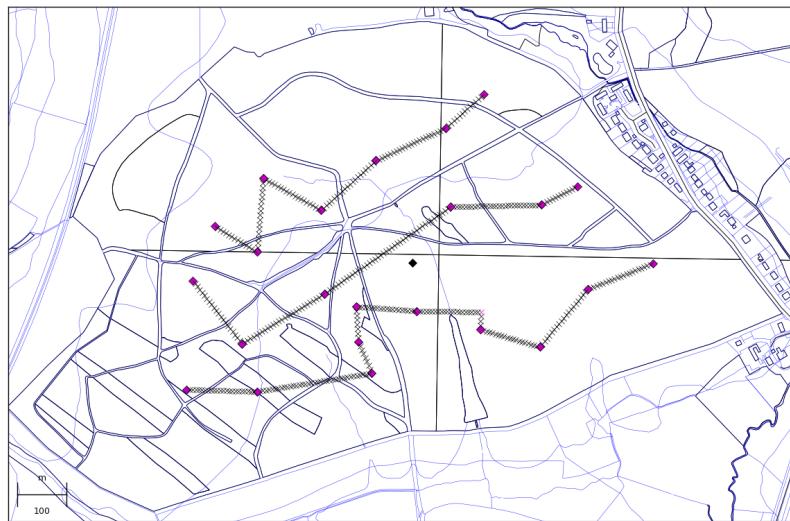


Figure 2: Sampling transects. Black crosses: sampling points at 10m intervals, pink diamonds: Forest Research mensuration plots, black diamond: Forest Research flux tower.

4 Leaf area index observations

- 4.1 Ceptometer
- 4.2 Hemispherical photographs
- 4.3 Litter traps
- 4.4 Comparison of methods

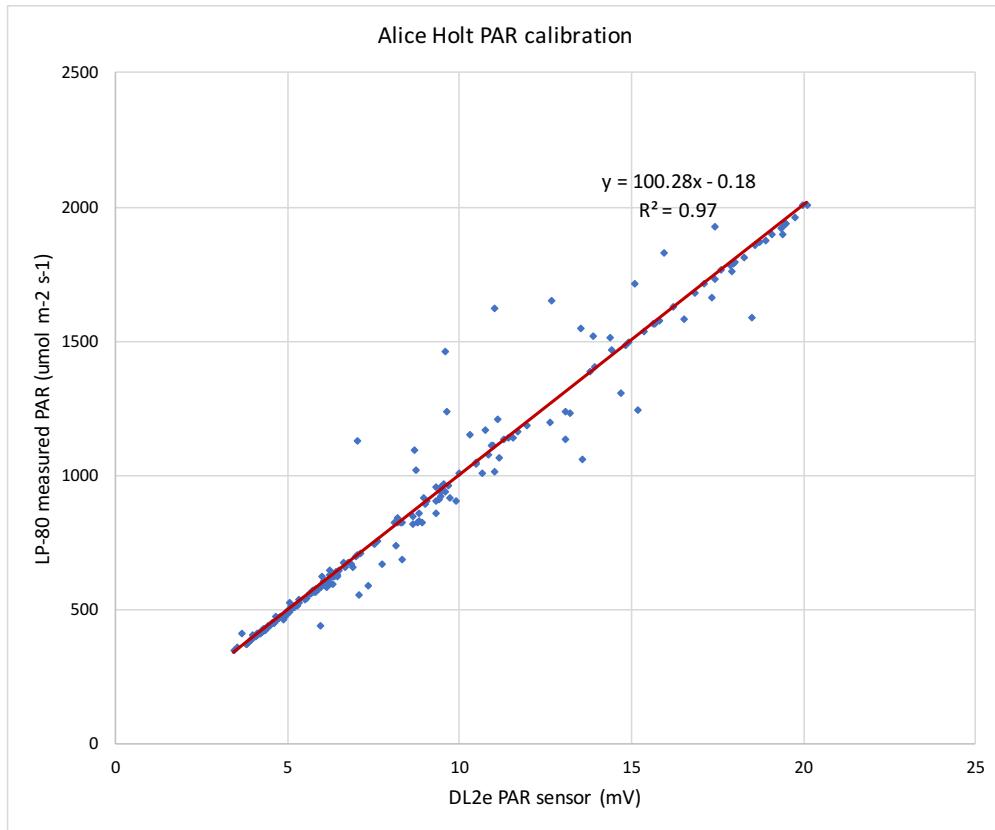


Figure 3: Calibration of above canopy PAR sensor (measuring in mV) with LP-80 ceptometer measured PAR ($\mu\text{mol m}^{-2} \text{s}^{-1}$).

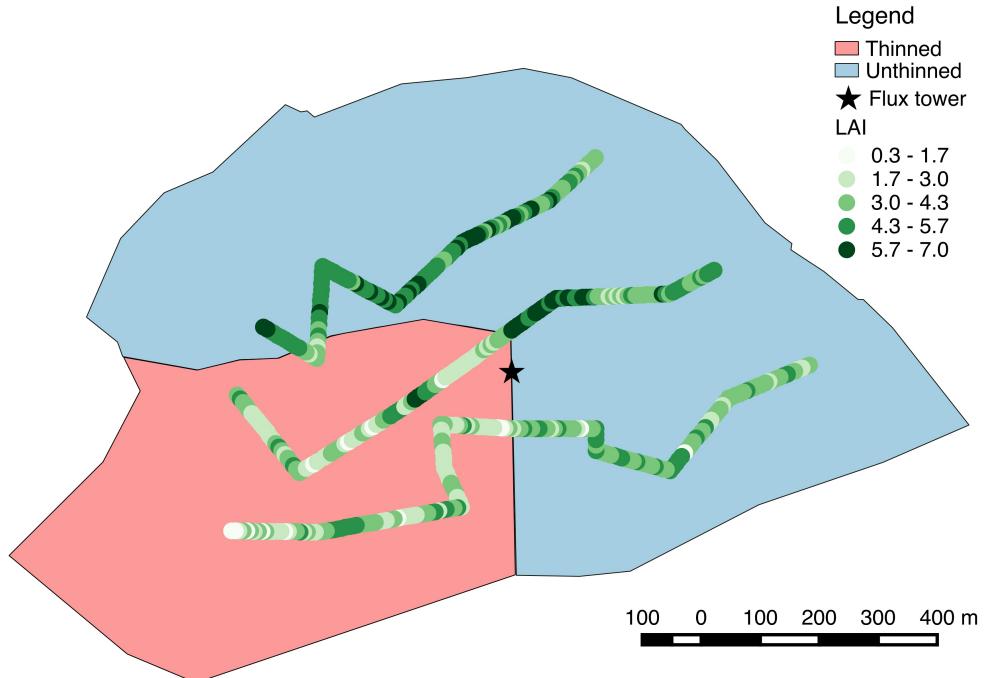
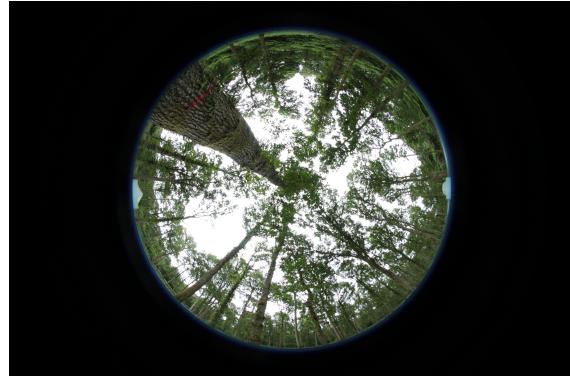


Figure 4: Ceptometer derived LAI for Alice Holt.



(a) Unthinned



(b) Thinned

Figure 5: Hemispherical photographs from the Alice Holt flux site showing the difference between the thinned and unthinned sides of the forest.

5 Point-centred quater observations

6 Flux tower observations and data processing