Table 12 Vegetation Structure (Crown and Gap width)

	DATA OPTION 1: Airborne Laser Altimetry
Spatial Dimensions	
Area to cover	User defined
Mapping unit	0.5 m – 2.5 m
Positional accuracy	Sub metre vertical and horizontal
Temporal Dimensions	
When	User defined
How often	User defined (can be < 1 day)
Variable to map	Vegetation cover, tree crown width
Environmental Restrictions	Significant terrain variations
Processing technique **(Output)**	Empirical or deterministic radiative transfer model of vegetation canopy to estimate gaps. (Vegetation type map and crown and gap features) Note: The ability to map specific targets will depend on their growth form and extent.
Resources – Hardware and Software	PC Image processing software
Resource – Personnel	Trained Lidar data processing Knowledge of area to be mapped
References: Note these are some example references	Leckie et al. (2003)

Leckie, D., Gougeon, F., Hill, D., Quinn, R., Armstrong, L. and Shreenan, R. (2003). "Combined high-density lidar and multispectral imagery for individual tree crown analysis." Canadian Journal of Remote Sensing, 29(5), 633-649.