FOREST INVENTORY: SANTAREM - III

SAN_A02_2014_INVENTORY

1.0 GENERAL INFORMATION

The Forest Inventory Santarem- III (SAN_A02_2014_Inventory) was carried out in Belterra municipality, Pará, Brazil. A total of 8 50x50m plots disposed systematically along 2 reference lines were measured. Trees with diameter at breast height (DBH) equal to or greater than 35cm were accounted for and measured within the plot area (see Fig. 1) whereas trees with DBH equal to or greater than 10cm were only measured within the subplot area (see Fig. 1).
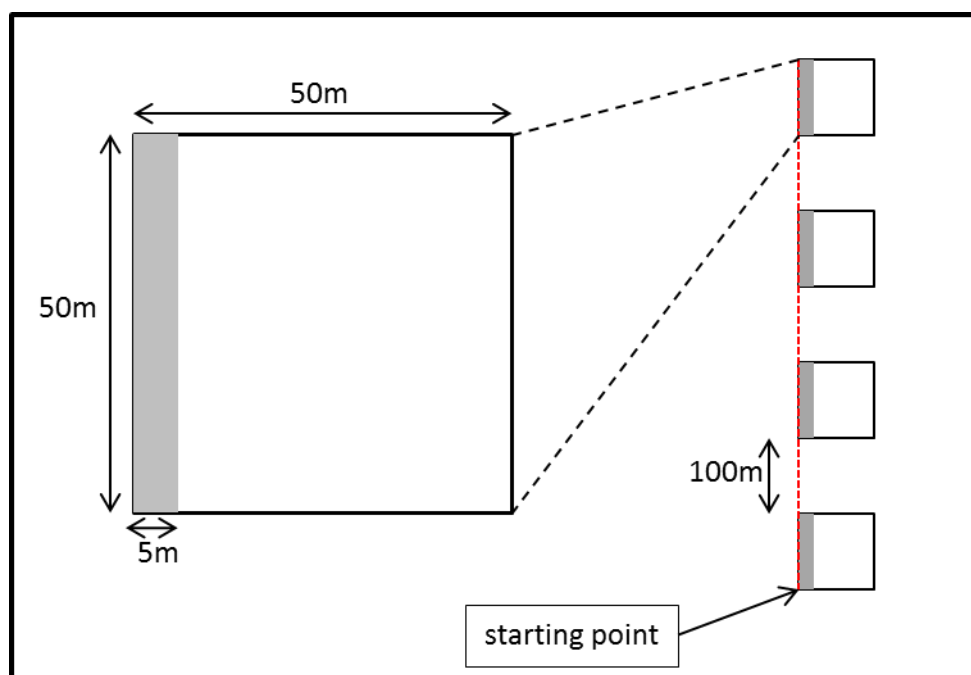

FIG 1. REPRESENTATION OF THE 50 X 50M PLOT (BLACK POLYGON) AND THE 2 X 50M SUBPLOT (GREY AREA). THE INCLUSION CRITERIA WAS: (A) DBH ≥ 35CM FOR THE PLOT AREA AND (B) DBH ≥ 10CM FOR THE SUBPLOT AREA. THE DOTTED RED LINE REPRESENTS THE REFERENCE LINE.

2.0 INVENTORY DATA RECORDED - .CSV FILE CONTENT

For each tree the following measurements were recorded:

area: A code name given to the area.

group: the group identification code (reference line number).

plot: the plot identification code.

tree: tree number.

common.name: tree common name.

scientific.name: tree scientific name.

family.name: tree family name.

DBH (cm): Diameter at breast height, 1.3 m above the ground.

type(class) Divided into four classes:

Liana (L): woody vines, inclusion was based on the position of the vine at 1.3 m above the ground, not the rooting position.

Palms (P): leafed palms, inclusion based on the diameter at the ground surface. Litter was removed from around the base for measurement.

Trunked palms (Pt): palms with a trunk measurable at 1.3 m.

Other (O): Trees.

dead: Standing dead.

d_class: Decomposition Class (Keller et al, 2004[1]).

Hcom (m): tree commercial height.

Htot (m): tree total height.

RN: (m) Radius to the north of the tree crown.

RS: (m) Radius to the south of the tree crown.

RE: (m) Radius to the east of the tree crown.

RW: (m) Radius to the west of the tree crown.

Date (ISO 8601): date

UTM_Easting: X coordinate of tree individual location calculated based on measurements of tree X position with respect to the transect.

UTM_Northing: Y coordinate of tree individual location calculated based on measurements of tree Y position with respect to the transect.

3.0 COMPLEMENTARY INFORMATION

NA = not available/not applicable

4.0 REFERENCES

[1]Keller, M., Palace, M., Asner, G.P., Pereira, R. & Silva, J.N.M.(2004) Coarse woody debris in undisturbed and logged forests in the eastern Brazilian Amazon. Global Change Biol. 10 (5), 784–795.