

Harvard Forest Data Archive HF271-05

Data File:

Name = hf271-05-fwd.csv
Description = fine woody debris
Rows = 240 Columns = 11
MD5 checksum = d9f2aacd13f6efe9ddd6e68ca0c41624

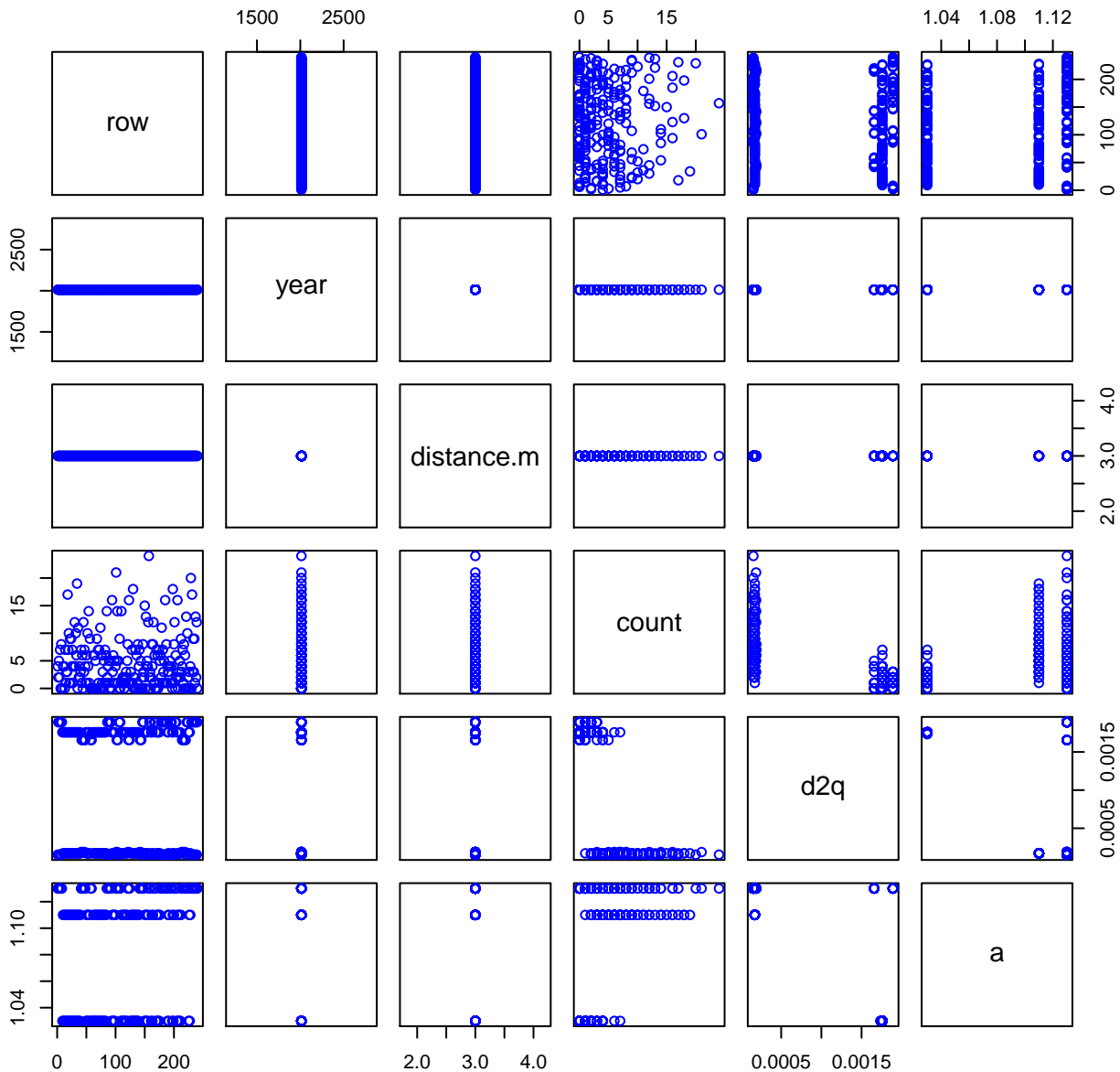
Variables:

year = year of measurement (2013)
distance.m = transect length fwd tallied (m) (meter)
count = number of fwd pieces along the transect (number)
d2q = squared average quadratic mean diameter, m2, by
species/species type and
size class (Harmon and Sexton 1996) (squareMeter)
a = species-specific constant used to calculate volume (Harmon and
Sexton
1996) (dimensionless)
dens = species-specific density, g/cm3, used to calculate mass
(Harmon and Sexton
1996) (gramsPerCubicCentimeter)
volume = volume, m3/m2, calculated with the equation [V=

9.869*count*a*(d2q/(8*distance.m))], where V is volume per unit area, d is the quadratic mean
piece
diameter for a size class, and a is the average secant piece along the
transect (Harmon
and Sexton 1996). (gramsPerSquareMeter)
mass = mass, g/m2, calculated from the equation
dens*(1/0.00001))*volume}. Do
not sum mass for a plot; each transect stands alone, so you'd
average if there is >1 mass
per plot. (gramsPerSquareMeter)

Variable	Min	Median	Mean	Max	NAs
year	2013.000	2013.000	2013.000	2013.000	0
distance.m	3.000	3.000	3.000	3.000	0
count	0.000	3.000	4.621	24.000	0
d2q	0.000	0.002	0.001	0.002	0
a	1.030	1.110	1.094	1.130	0
dens	0.342	0.389	0.377	0.444	0
volume	0.000	0.001	0.001	0.005	0
mass	0.000	244.945	304.235	1782.552	0

HF271-05 Plot 1



HF271-05 Plot 2

