

Harvard Forest Data Archive HF271-04

Data File:

Name = hf271-04-cwd.csv

Description = coarse woody debris

Rows = 368 Columns = 14

MD5 checksum = 174f8c2f214fa34c22ecb229b8bbb68a

Variables:

year = year of measurement

tlength = transect length (meter)

diam1 = diameter of wood where it crosses the transect. A negative
number measures

the hollow within a log in the same transect
(centimeter)

diam2 = second measurement of diameter taken perpendicular to first.

Sometimes a

second diameter isn't possible to measure, if the log is
pressed into the

ground. (centimeter)

diamavg = elliptical average diameter; if only one diameter
recorded, it is in this

column (linetran) (centimeter)

volume.m3m2 = volumem3m2=9.869*(((diamavg/100)^2)/(8*tlength))
(meterCubedPerMeterSquared)

density.gcm3 = density, grams per cubic cm, based on species
(species group) and decay

class values from Liu, W.H., D.M. Bryant, L.R.

Hutyra, S.R. Saleska, E. Hammond-Pyle, D.

Curran and S.C. Wofsy. 2006.

Woody debris contribution to the carbon budget of selectively
logged

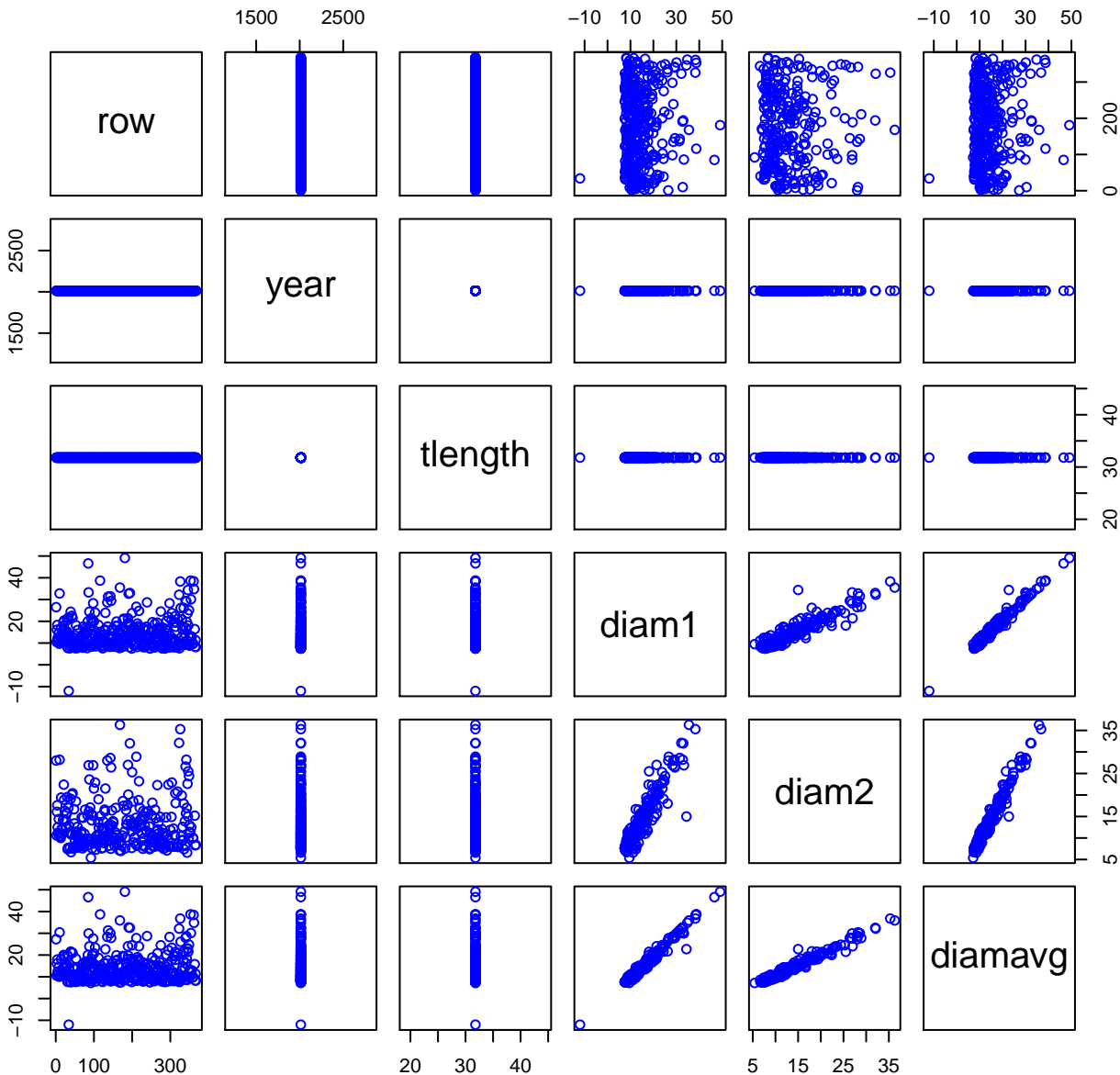
and maturing mid-latitude forests. *Oecologia* 148:108-117.

(gramPerMeterCubed)

mass.gm2 = mass=volume*(dens*1000000) (gramsPerSquareMeter)

Variable	Min	Median	Mean	Max	NAs
year	2013.000	2013.000	2013.000	2013.000	0
tlength	31.800	31.800	31.800	31.800	0
diam1	-12.000	12.400	14.454	49.100	15
diam2	5.400	11.300	13.137	36.300	81
diamavg	-12.000	12.321	14.182	49.100	15
volume.m3m2	-0.001	0.001	0.001	0.009	1
density.gcm3	0.260	0.330	0.336	0.530	15
mass.gm2	-145.242	184.480	300.839	2712.171	0

HF271-04 Plot 1



HF271-04 Plot 2

