

Harvard Forest Data Archive HF125-02

Data File:

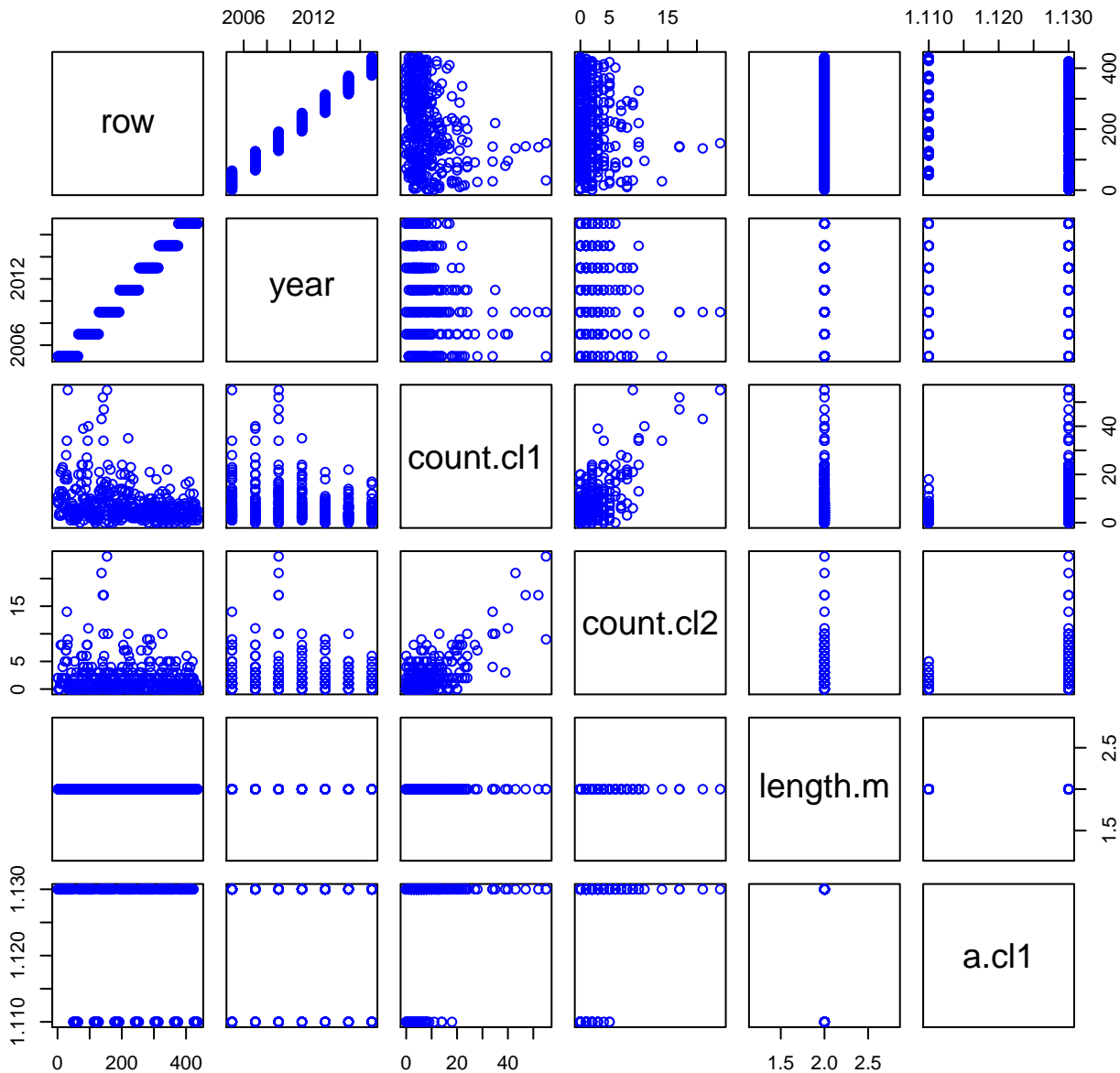
Name = hf125-02-fwd.csv
Description = fine woody debris
Rows = 436 Columns = 17
MD5 checksum = 2c3d5f0713d0cd0fa69c21f3b968d04c

Variables:

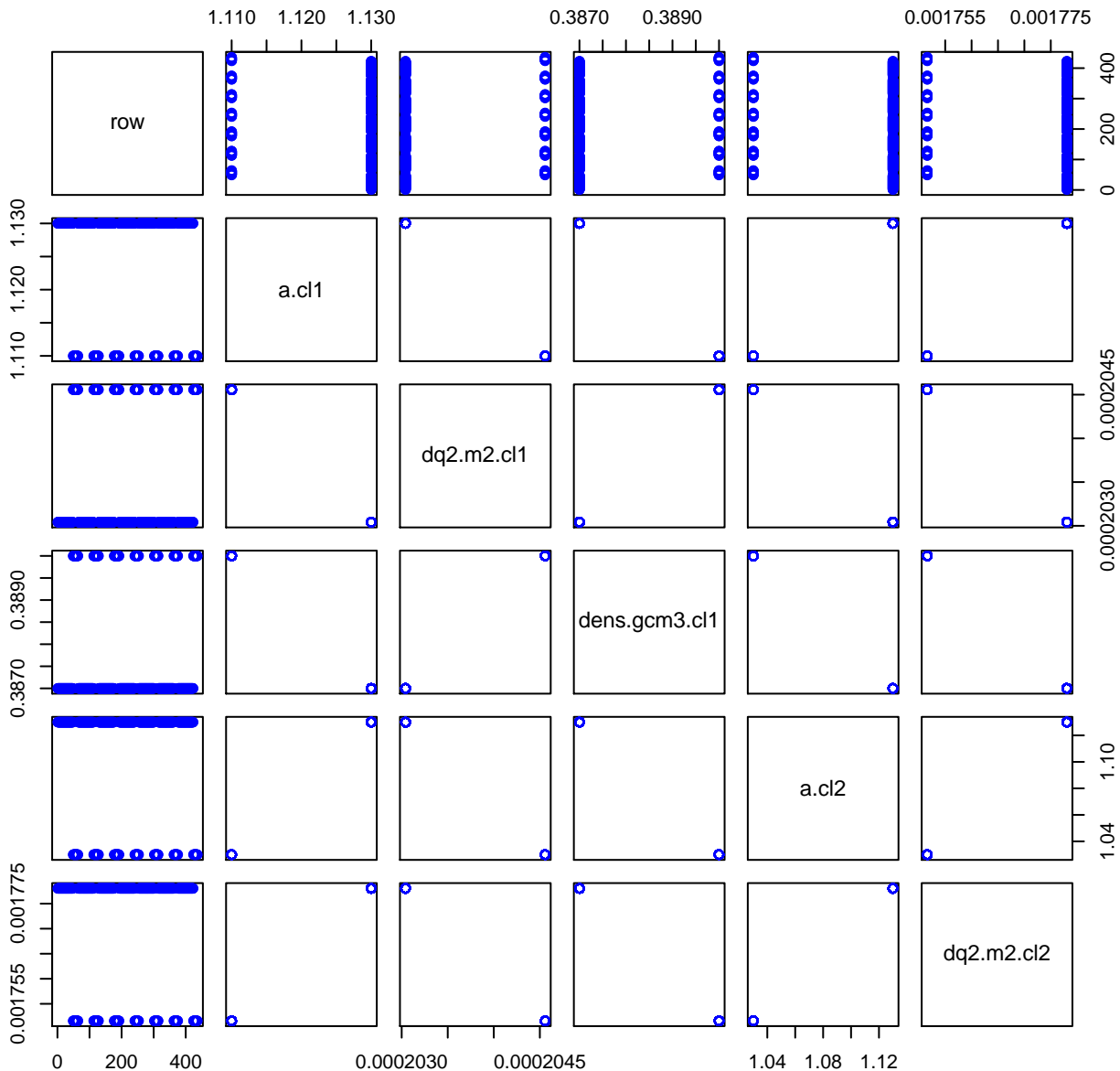
year = year
count.c11 = number of pieces in size class 1 (0.6-2.5cm diameter)
 along the 2m of the transect sampled (number)
count.c12 = number of pieces in size class 2 (2.5-7.5cm diameter)
 along the 2m of the transect sampled (number)
length.m = length of transect sampled (2m in all cases for this data
 set) (meter)
a.c11 = average secant (a) for correcting orientation bias used in
 planar or linear intercept methods (from Table 3; Harmon and Sexton
 1996); size class 1 (dimensionless)
dq2.m2.c11 = squared average quadratic mean diameter for size class
 1, m2 (based on sample of FWD collected from this study in 2005)
 (squareMeter)
dens.gcm3.c11 = bulk density by species/species group for size class
 1 (from Table 3; Harmon and Sexton 1996) (gramsPerCubicCentimeter)
a.c12 = average secant (a) for correcting orientation bias used in
 planar or linear intercept methods (from Table 3; Harmon and Sexton
 1996); size class 2 (dimensionless)
dq2.m2.c12 = squared average quadratic mean diameter for size class
 2, m2 (based on sample of FWD collected from this study in 2005)
 (squareMeter)
dens.gcm3.c12 = bulk density by species/species group for size class
 2 (from Table 3; Harmon and Sexton 1996) (gramsPerCubicCentimeter)
vol.c11.m3m2 = volume of FWD in size class 1. $V = 9.869 * N * a * (dq2/(8L))$
 See Methods (meterCubedPerMeterSquared)
vol.c12.m3m2 = volume of FWD in size class 2. $V = 9.869 * N * a * (dq2/(8L))$
 See Methods (meterCubedPerMeterSquared)
mass.c11.gm2 = mass of FWD in size class 1. $Vol.c11.m3m2 * dens.gcm3.c11/0.000001$ (gramsPerSquareMeter)
mass.c12.gm2 = mass of FWD in size class 2. $Vol.c12.m3m2 * dens.gcm3.c12/0.000001$ (gramsPerSquareMeter)

Variable	Min	Median	Mean	Max	NAs
year	2005.000	2011.000	2010.917	2017.000	0
count.cl1	0.000	5.000	7.502	55.000	0
count.cl2	0.000	1.000	1.761	24.000	0
length.m	2.000	2.000	2.000	2.000	0
a.cl1	1.110	1.130	1.125	1.130	0
dq2.m2.cl1	0.000	0.000	0.000	0.000	0
dens.gcm3.cl	0.387	0.387	0.388	0.390	0
a.cl2	1.030	1.130	1.107	1.130	0
dq2.m2.cl2	0.002	0.002	0.002	0.002	0
dens.gcm3.cl	0.342	0.389	0.378	0.389	0
vol.cl1.m3m2	0.000	0.001	0.001	0.008	0
vol.cl2.m3m2	0.000	0.001	0.002	0.030	0
mass.cl1.gm2	0.000	273.841	410.753	3012.251	0
mass.cl2.gm2	0.000	482.085	833.579	11570.030	0

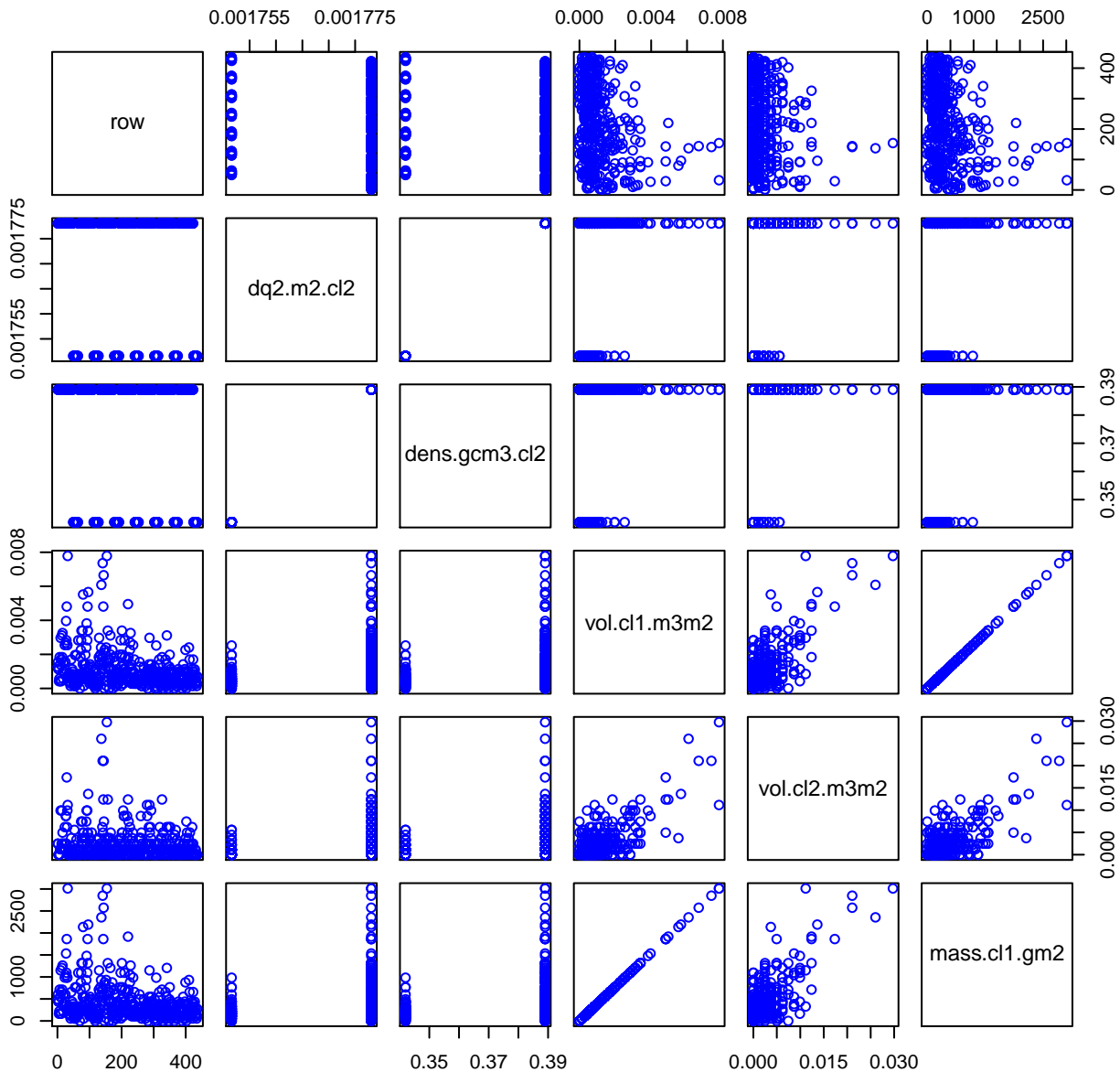
HF125-02 Plot 1



HF125-02 Plot 2



HF125-02 Plot 3



HF125-02 Plot 4

