

Harvard Forest Data Archive HF146-01

Data File:

Name = hf146-01-nitrogen.csv

Description = nitrogen

Rows = 262 Columns = 22

MD5 checksum = 0e42be5391783d7698d8744570f7b2d5

Variables:

dm = plant dry mass (milligram)

ll = leaf length (centimeter)

dn15 = d15N (%) (dimensionless)

dc13 = d13C (%) (dimensionless)

n = nitrogen concentration (%) (dimensionless)

c = carbon concentration (%) (dimensionless)

n15 = percent of total nitrogen in plant as newly acquired 15N
(dimensionless)

n.rec = percentage of nitrogen fed to plant recovered in the sample
(dimensionless)

c.rec = percentage of carbon fed to plant recovered in the sample
(dimensionless)

n.atm.ex = 15N in sample expressed as atom% excess (dimensionless)

n.mg.ex = 15N in sample expressed as mg excess (milligram)

n.nmol.ex = 15N in sample expressed as nmol excess (nanomole)

c.atm.ex = 13C in sample expressed as atom% excess (dimensionless)

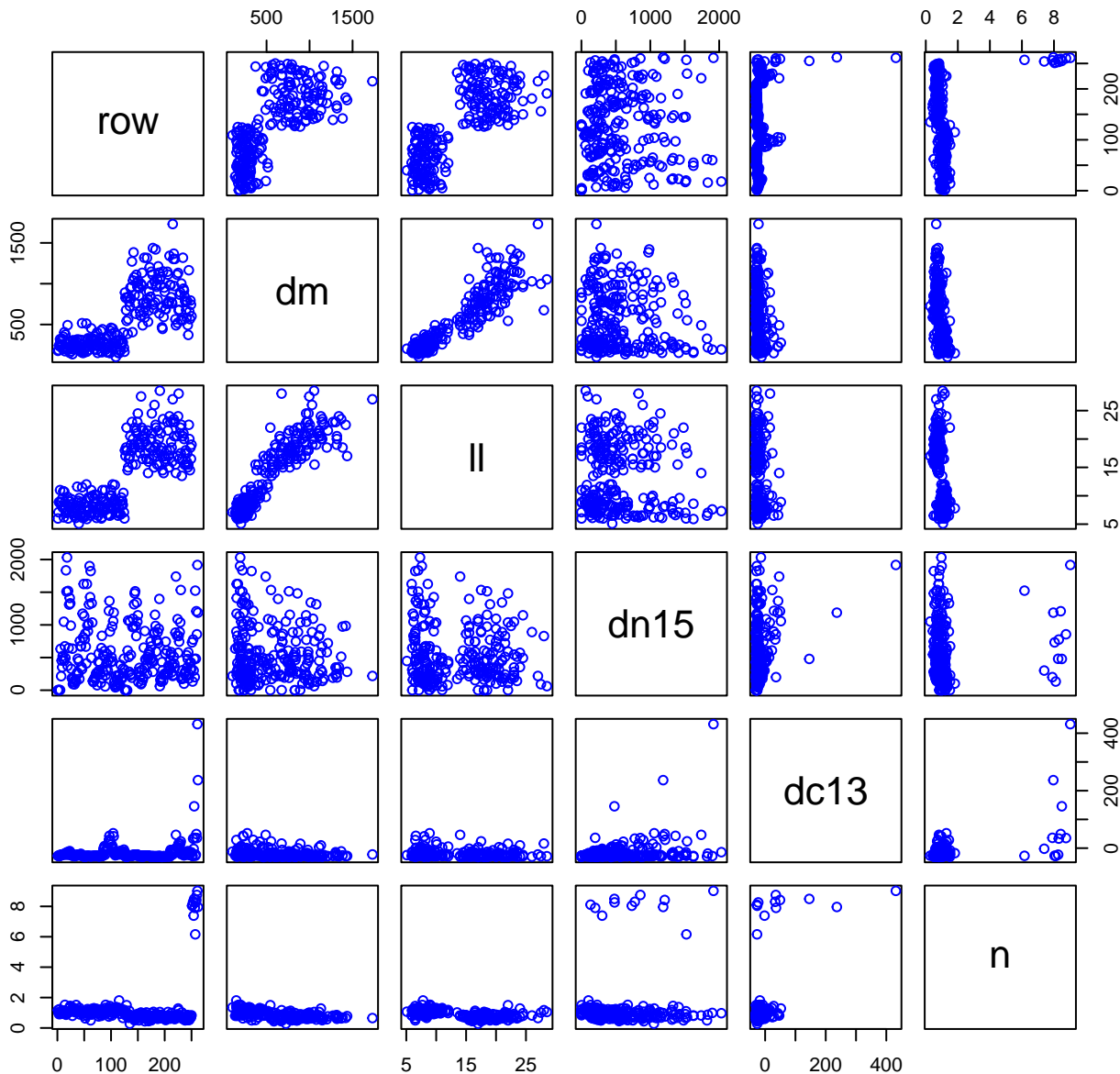
n15.dm = nmol of 15N per mg of plant dry mass (nanomole)

n.fed = amount of 15N in mg fed to plant (milligram)

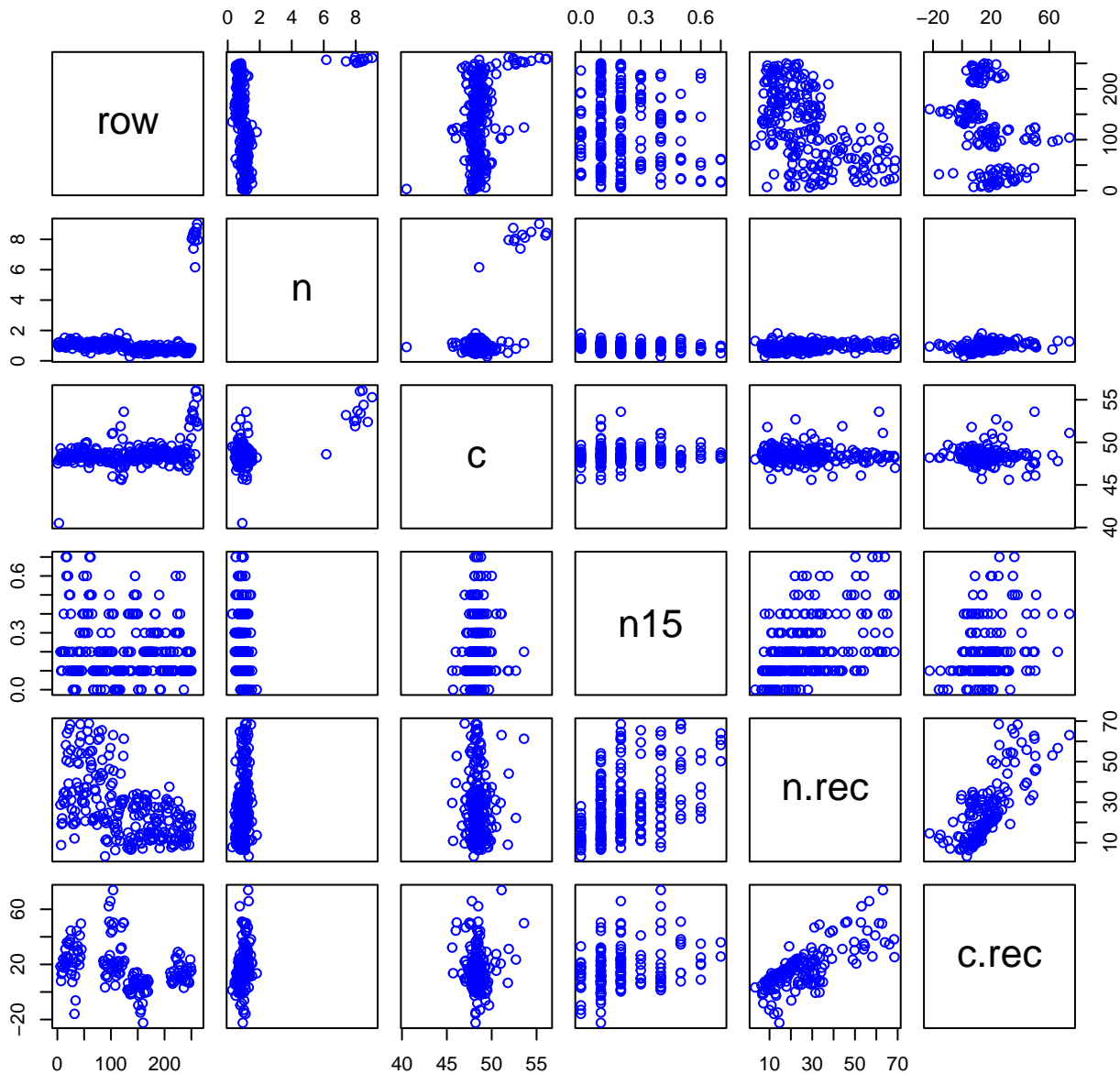
c.fed = amount of 13C in mg fed to plant (milligram)

Variable	Min	Median	Mean	Max	NAs
dm	103.000	451.500	564.552	1731.000	14
ll	5.100	12.000	13.622	28.500	14
dn15	-1.140	438.000	551.733	2032.000	2
dc13	-30.800	-25.050	-15.629	431.500	2
n	0.280	0.950	1.256	9.020	2
c	40.510	48.400	48.679	56.100	2
n15	0.000	0.200	0.208	0.700	24
n.rec	3.300	23.550	27.170	68.800	24
c.rec	-22.400	14.100	16.976	73.900	103
n.atm.ex	0.020	0.160	0.203	0.730	24
n.mg.ex	0.000	0.007	0.009	0.034	24
n.nmol.ex	0.030	0.450	0.586	2.300	24
c.atm.ex	-0.004	0.002	0.008	0.087	24
n15.dm	0.000	0.001	0.001	0.005	24
n.fed	0.007	0.022	0.041	0.100	24
c.fed	0.010	0.060	0.190	0.780	103

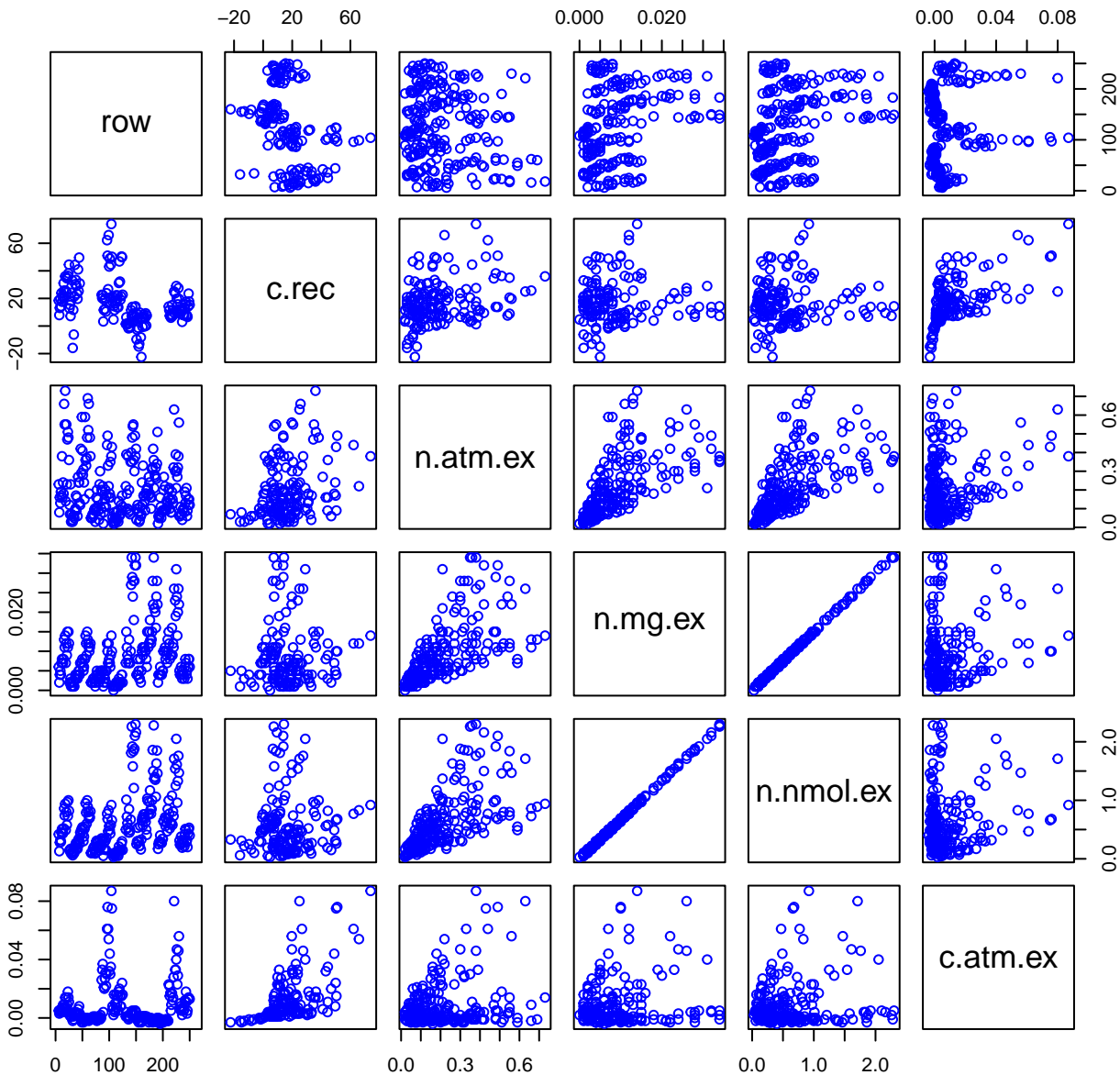
HF146-01 Plot 1



HF146-01 Plot 2



HF146-01 Plot 3



HF146-01 Plot 4

