

Harvard Forest Data Archive HF256-04

Data File:

Name = hf256-04-soil-proc.csv

Description = soil processes

Rows = 648 Columns = 15

MD5 checksum = 791e57cb34591e61cf1ce33b3d7e250e

Variables:

year = year of sampling

date = date of sampling

doy = julian day of sampling (nominalDay)

dry.wet = soil dry mass:wet mass ratio (dimensionless)

temp = incubation temperature (celsius)

net.n.min = net N mineralization ($\mu\text{g N/g dry soil/day}$)
(microgramPerGramPerDay)

net.n.nit = net N nitrification($\mu\text{g N/g dry soil/day}$)
(microgramPerGramPerDay)

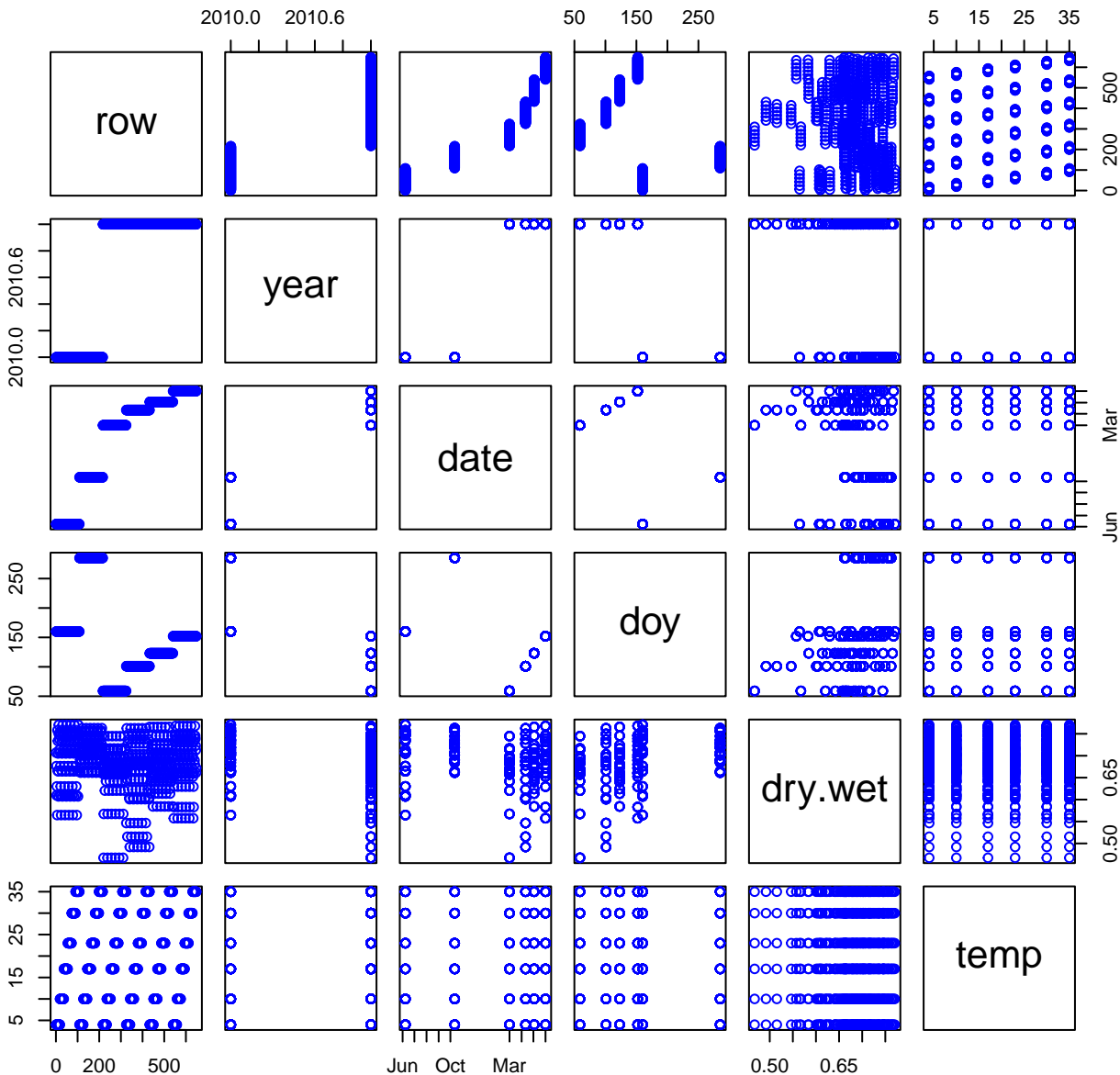
proteolysis = proteolysis, the rate of protein depolymerization into
free amino acids
($\mu\text{g N/g dry soil/hour}$) (microgramPerGramPerHour)

proteolysis.c = proteolysis under saturating protein substrate, 0.6%
casein in soil
solution ($\mu\text{g N/g dry soil/hour}$)
(microgramPerGramPerHour)

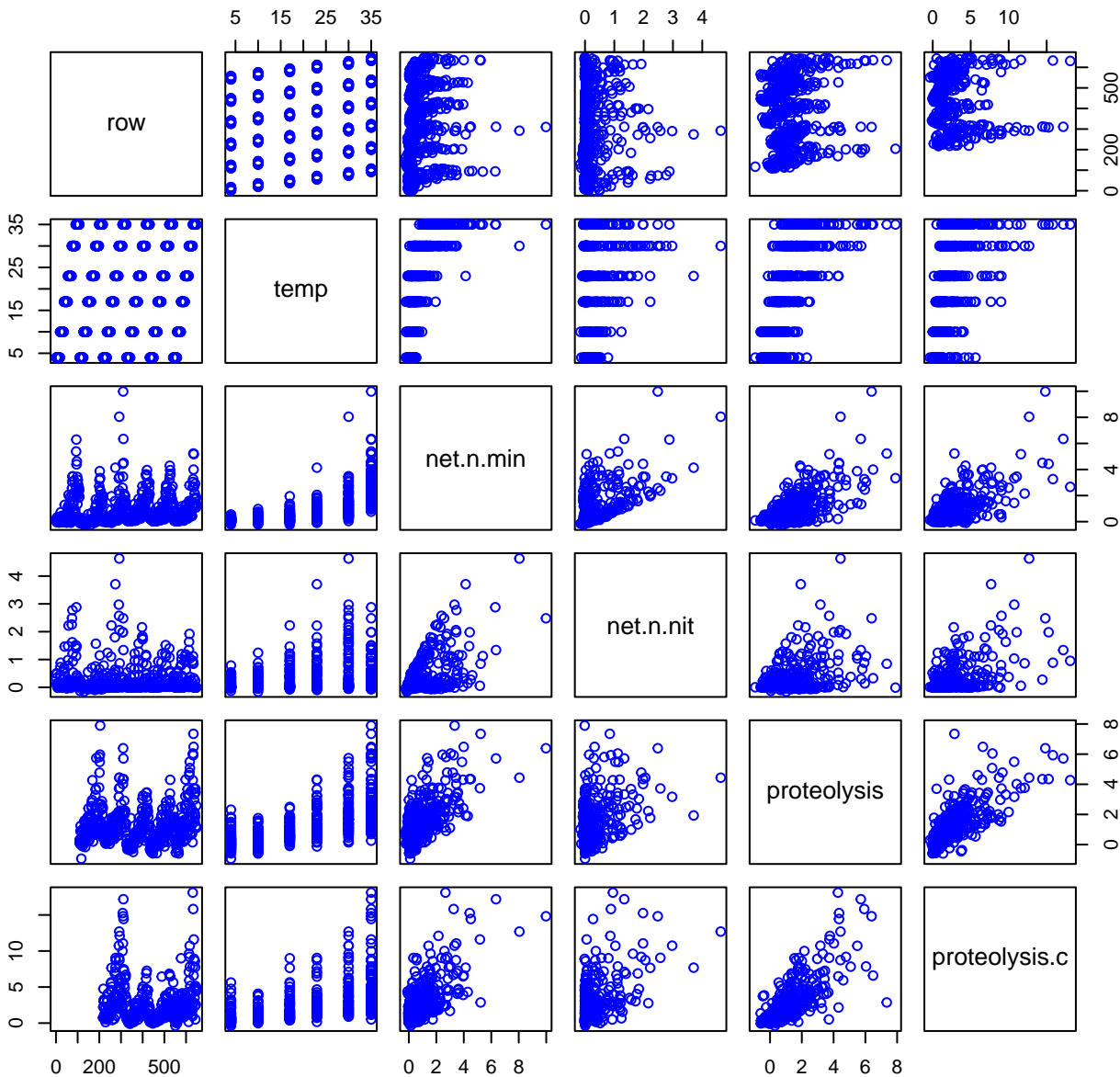
rsoil = soil respiration ($\mu\text{g C/g dry soil/hr}$)
(microgramPerGramPerHour)

Variable	Min	Median	Mean	Max	NAs
year	2010.000	2011.000	2010.667	2011.000	0
date	2010-06-08	2011-03-21	2011-01-25	2011-06-01	0
doy	59.000	137.500	146.667	285.000	0
dry.wet	0.467	0.689	0.681	0.770	0
temp	4.000	20.000	19.833	35.000	0
net.n.min	-0.227	0.425	0.866	9.980	0
net.n.nit	-0.155	0.040	0.247	4.630	0
proteolysis	-0.933	0.925	1.246	7.896	109
proteolysis.	-0.361	1.760	2.660	18.100	216
rsoil	0.005	0.115	0.137	0.860	360

HF256-04 Plot 1



HF256-04 Plot 2



HF256-04 Plot 3

