

Harvard Forest Data Archive HF276-03

Data File:

Name = hf276-03-HF-microbe.csv

Description = Harvard Forest common garden experiment - microbe

Rows = 177 Columns = 13

MD5 checksum = f64a1de399b5939fe8c9cde26ca9430e

Variables:

date = date of CO₂ efflux measurement

temp = temperature of the soil at approximately 8 cm deep (celsius)

core.depth = depth of extracted soil core (centimeter)

leaf.decomp = percent leaf mass change in decomposition bag.

Negative values indicate

leaf mass was gained. (dimensionless)

microbial.biomass.c = microbial biomass (organic) Carbon, using
chloroform fumigation method in

the lab of M Weintraub. TOC ug-C/g dry

soil, calculated as difference between fumigated and
K₂SO₄ extracted

sample. (dimensionless)

microbial.biomass.n = microbial biomass nitrogen, using chloroform
fumigation method in the lab

of M Weintraub. TN ug-N/g dry soil, calculated
as difference between fumigated and K₂SO₄

extracted sample.

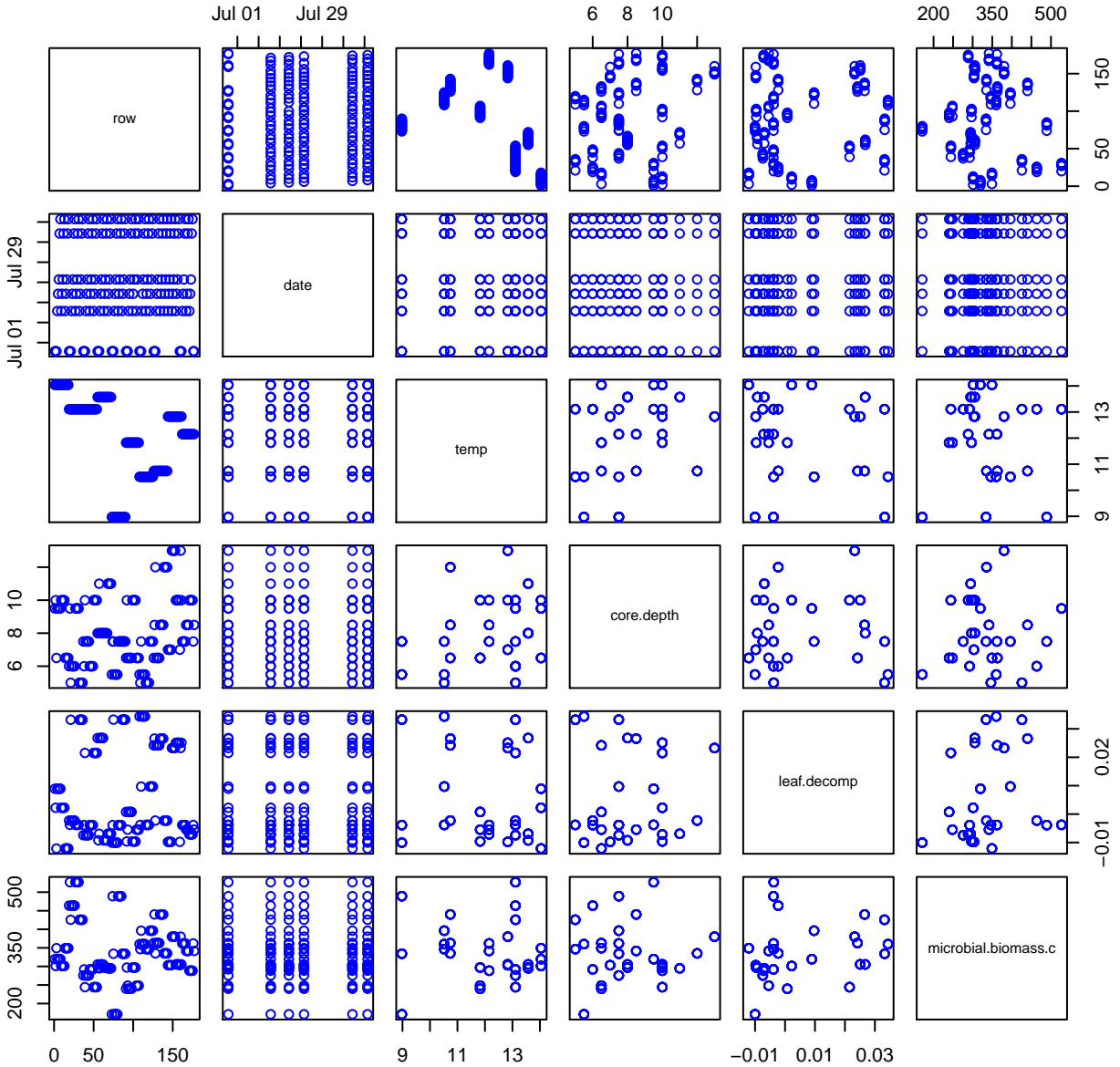
(dimensionless)

efflux = soil efflux ($\mu\text{mol CO}_2 \text{ mol}^{-1}$) measured using LI-6400

(dimensionless)

Variable	Min	Median	Mean	Max	NAs
date	2013-06-28	2013-07-23	2013-07-22	2013-08-13	0
temp	8.976	12.828	12.088	14.040	0
core.depth	5.000	7.500	8.045	13.000	0
leaf.decomp	-0.012	-0.002	0.006	0.034	0
microbial.bi	171.169	334.147	337.338	526.949	0
microbial.bi	71.198	138.990	140.317	219.187	0
efflux	1.483	5.603	5.629	9.187	2

HF276-03 Plot 1



HF276-03 Plot 2

