

Harvard Forest Data Archive HF276-02

Data File:

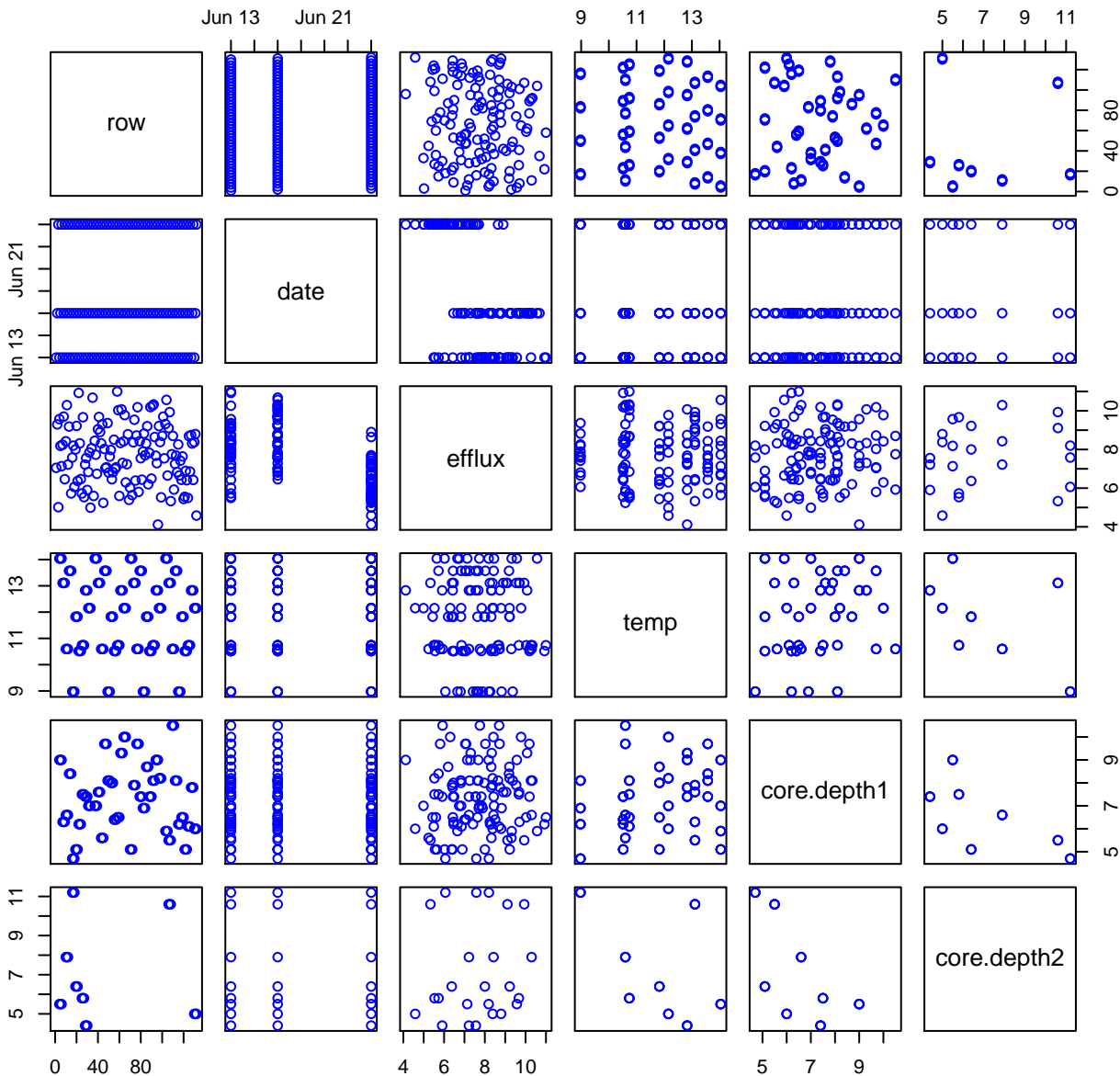
Name = hf276-02-HF-invertebrate.csv
Description = Harvard Forest common garden experiment - invertebrate
Rows = 132 Columns = 24
MD5 checksum = 2738894b788c529497286599f39a6e24

Variables:

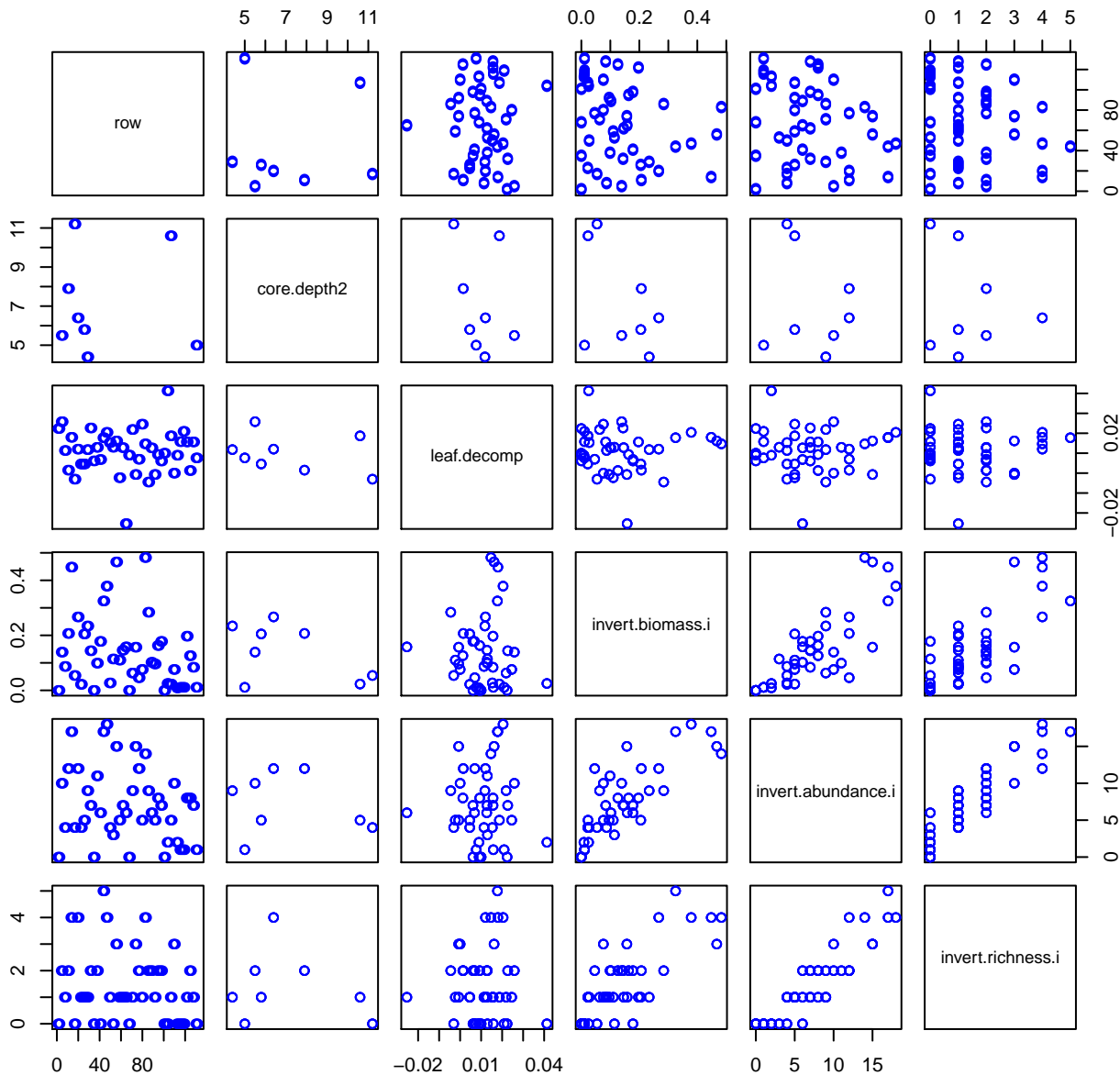
date = date of CO2 efflux measurement LI-6400
efflux = soil efflux ($\mu\text{mol CO}_2 \text{ mol}^{-1}$) (dimensionless)
temp = mean air temperature delta (difference between chamber and
average of 3
ambient reference stations) of Harvard Forest warming
chambers between April 2010 and July
2013 from which soil
cores/invertebrates were extracted (celsius)
core.depth1 = depth of extracted soil core (centimeter)
core.depth2 = depth of second extracted soil core taken due to error
in collection of first core. If core.depth2 is provided, this was
the depth of the core used for the experiment, otherwise core.depth1
was used. (centimeter)
leaf.decomp = percent leaf mass lost from decomposition bag
(dimensionless)
invert.biomass.i = total mass of macroinvertebrates extracted from
soil core and placed in
mesocosm (gram)
invert.abundance.i = total number of macroinvertebrate individuals
extracted from soil core and
placed in mesocosm (number)
invert.richness.i = total richness, at a broad morphological/order
scale, of
macroinvertebrates extracted from soil core and placed in
mesocosm (number)
beetle = number of beetles extracted from soil core and placed in
mesocosm (number)
spider = number of spiders extracted from soil core and placed in
mesocosm (number)
hemiptera = number of hemipterans extracted from soil core and
placed in
mesocosm (number)
ant = number of ants extracted from soil core and placed in
mesocosm (number)
opilones = number of opilones extracted from soil core and placed
in
mesocosm (number)
homoptera = number of homopterans extracted from soil core and
placed in
mesocosm (number)
millipede = number of millipedes extracted from soil core and placed
in
mesocosm (number)
centipede = number of centipedes extracted from soil core and placed
in
mesocosm (number)
slug = number of slugs extracted from soil core and placed in
mesocosm (number)
caterpillar = number of caterpillars extracted from soil core and
placed in
mesocosm (number)

Variable	Min	Median	Mean	Max	NAs
date	2013-06-13	2013-06-17	2013-06-18	2013-06-25	0
efflux	4.117	7.717	7.731	11.000	2
temp	8.976	11.989	11.836	14.040	12
core.depth1	4.700	7.400	7.312	10.500	12
core.depth2	4.400	6.100	7.100	11.200	108
leaf.decomp	-0.025	0.012	0.011	0.041	0
invert.bioma	0.000	0.106	0.137	0.483	0
invert.abund	0.000	6.500	7.068	18.000	0
invert.richn	0.000	1.000	1.455	5.000	0
beetle	0.000	2.000	2.636	10.000	0
spider	0.000	1.000	1.023	3.000	0
hemiptera	0.000	0.000	0.023	1.000	0
ant	0.000	1.000	1.977	10.000	0
opilones	0.000	0.000	0.045	1.000	0
homoptera	0.000	0.000	0.000	0.000	0
millipede	0.000	0.000	0.909	10.000	0
centipede	0.000	0.000	0.114	1.000	0
slug	0.000	0.000	0.023	1.000	0
caterpillar	0.000	0.000	0.318	4.000	0

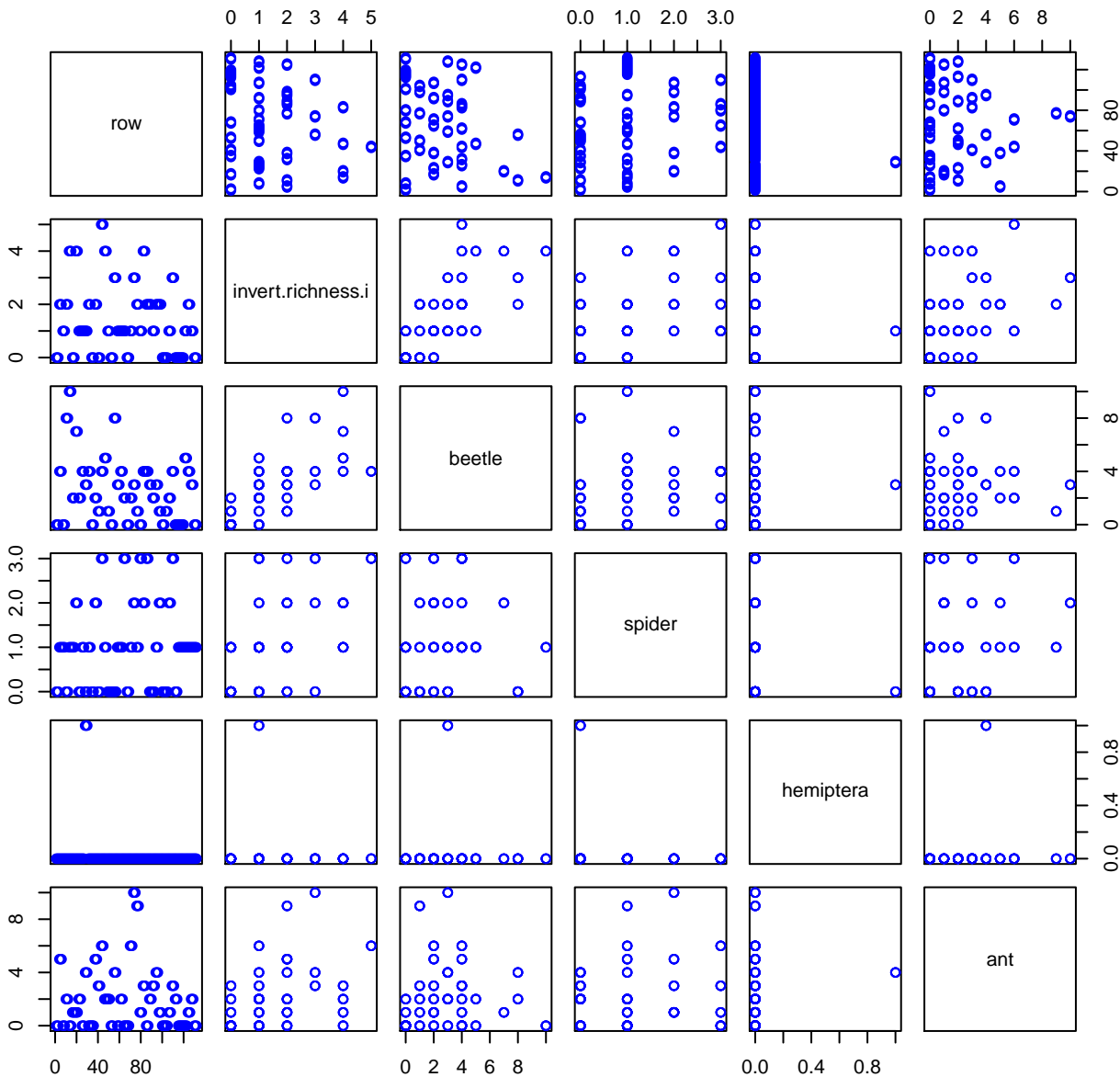
HF276-02 Plot 1



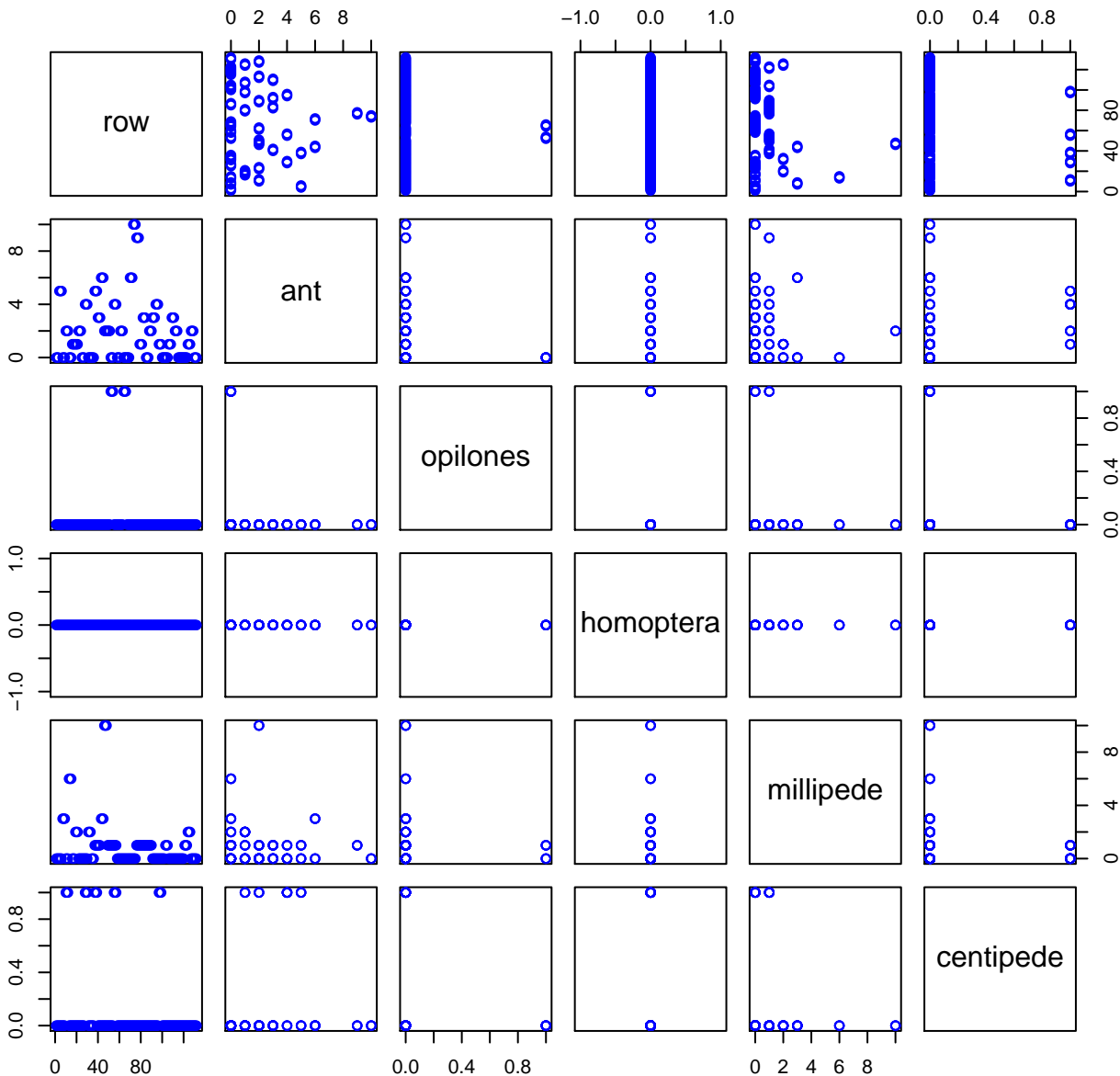
HF276-02 Plot 2



HF276-02 Plot 3



HF276-02 Plot 4



HF276-02 Plot 5

