Harvard Forest Data Archive HF095−01

Data File:

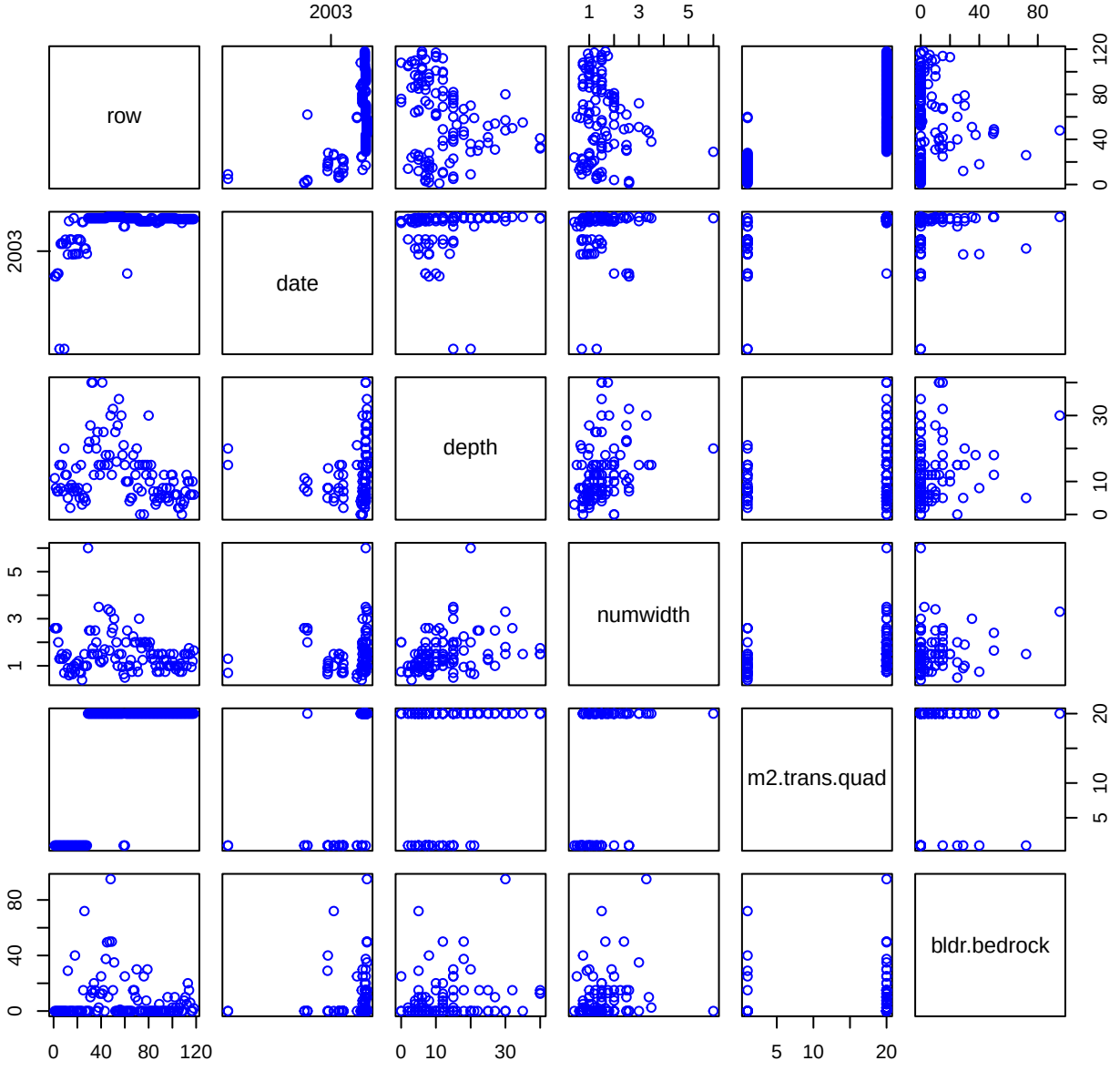
Name = hf095−01−stream.csv
Description = stream habitat data
Rows = 118 Columns = 40
MD5 checksum = 63b45099c037bcb3173d6a70db446c02

Variables:

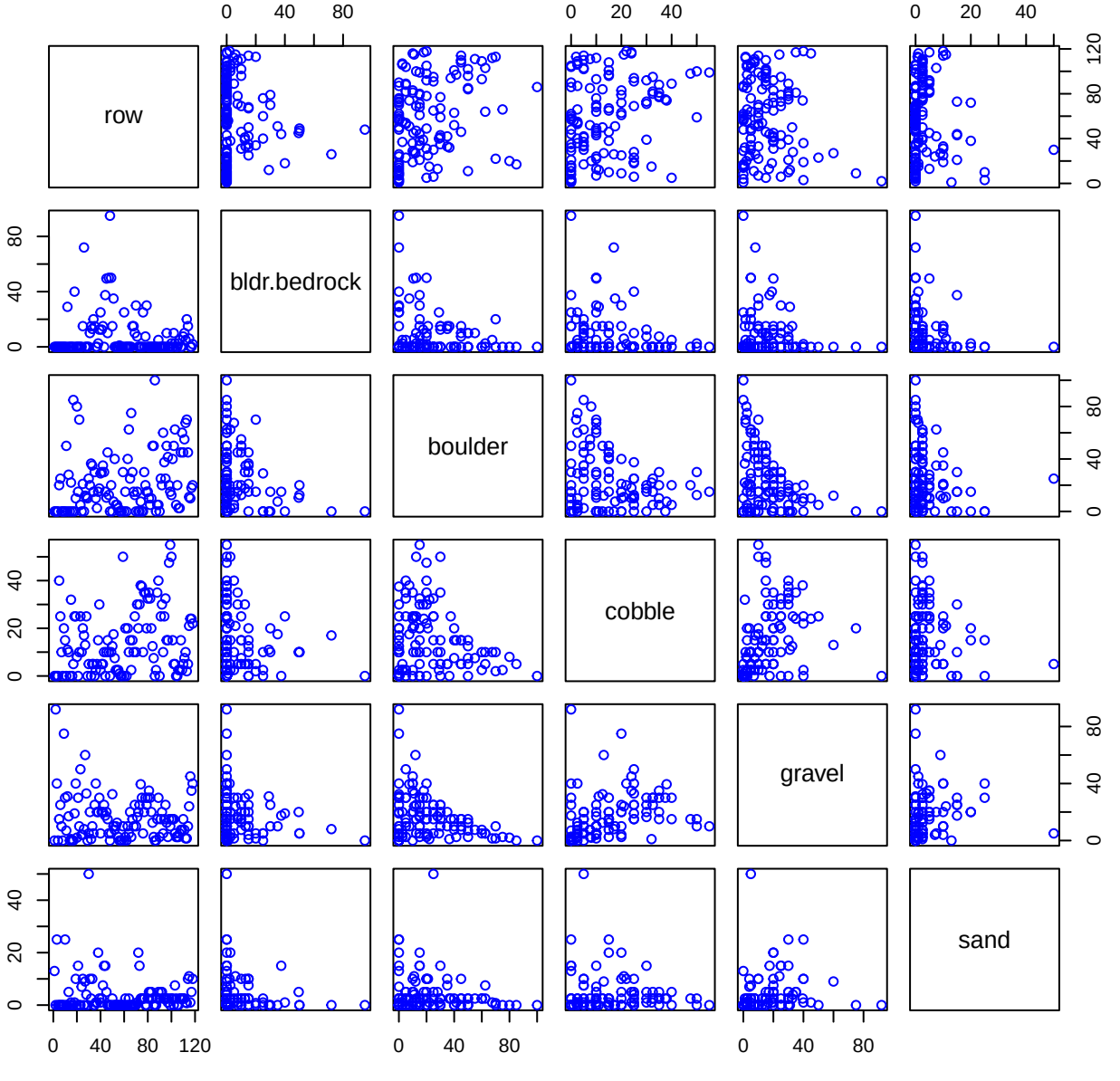
date = sampling date
depth = water depth at sampling location (centimeter)
numwidth = average width of stream channel (bank to bank) (meter)
m2.trans.quad = square meters sampled, in quadrat or transect
   (squareMeter)
bldr.bedrock = percent of substrate occupied by bedrock or large
   embedded boulder (dimensionless)
boulder = percent of substrate occupied by bedrock or large embedded
   boulder (dimensionless)
cobble = percent of substrate occupied by cobble (dimensionless)
gravel = percent of substrate occupied by gravel (dimensionless)
sand = percent of substrate occupied by sand (dimensionless)
silt = percent of substrate occupied by silt (dimensionless)
leafpack = percent of substrate occupied by leaf pack
   (dimensionless)
cwd = percent of substrate occupied by coarse woody debris
   (dimensionless)
clay.hardpan = percent of substrate occupied by clay or hardpan
   (dimensionless)
artificial = percent of substrate occupied by artificial surface
   (culvert, etc.) (dimensionless)
unscoured.forestfloor = percent of substrate representing unscoured
   forest floor (not defined channel) (dimensionless)
scoured.forestfloor = percent of substrate representing scoured
   forest floor (not defined channel) (dimensionless)
pools = percent of habitat consisting of pool (dimensionless)
cascade = percent of habitat in cascade (dimensionless)
run = percent of run habitat (dimensionless)
riffle = percent of riffle habitat (dimensionless)
moss = percent of moss habitat (dimensionless)
roots = percent of substrate representing unscoured forest floor
   (not defined channel) (dimensionless)
debris = percent of habitat consisting of debris piles
   (dimensionless)
damp.dry.sand = percent of habitat consisting of damp or dry sand
   (dimensionless)
damp.dry.rocks = percent of habitat consisting of damp or dry rocks
   (dimensionless)
sinuosity = number of curves in study reach (number)
elevation = elevation above msl (meter)

Variable	Min	Median	Mean	Max	NAs
date	2002-02-03	2003-04-20	2003-03-21	2003-04-27	0
depth	0.000	10.000	12.126	40.000	3
numwidth	0.400	1.300	1.496	6.000	3
m2.trans.qua	1.000	20.000	15.169	20.000	0
bldr.bedrock	0.000	0.000	7.691	95.000	0
boulder	0.000	15.000	21.487	100.000	0
cobble	0.000	10.000	14.107	55.000	1
gravel	0.000	12.500	15.780	92.000	0
sand	0.000	1.000	3.739	50.000	0
silt	0.000	0.000	1.314	50.000	0
leafpack	0.000	10.000	14.559	87.000	0
cwd	0.000	5.000	8.591	40.000	0
clay.hardpan	0.000	0.000	0.000	0.000	58
artificial	0.000	0.000	0.833	50.000	58
unscoured.fo	0.000	0.000	0.508	60.000	0
scoured.fore	0.000	0.000	10.124	100.000	1
pools	0.000	20.000	27.428	100.000	0
cascade	0.000	0.750	3.161	70.000	0
run	0.000	0.000	0.042	5.000	0
riffle	0.000	20.000	21.526	80.000	1
moss	0.000	2.500	6.640	52.500	0
roots	0.000	0.000	6.521	100.000	0
debris	0.000	15.000	16.525	50.000	0
damp.dry.san	0.000	0.000	1.220	25.000	0
damp.dry.roc	0.000	10.000	13.712	67.500	0
sinuosity	0.000	0.000	0.297	3.000	0
elevation	324.000	348.000	352.821	399.000	90

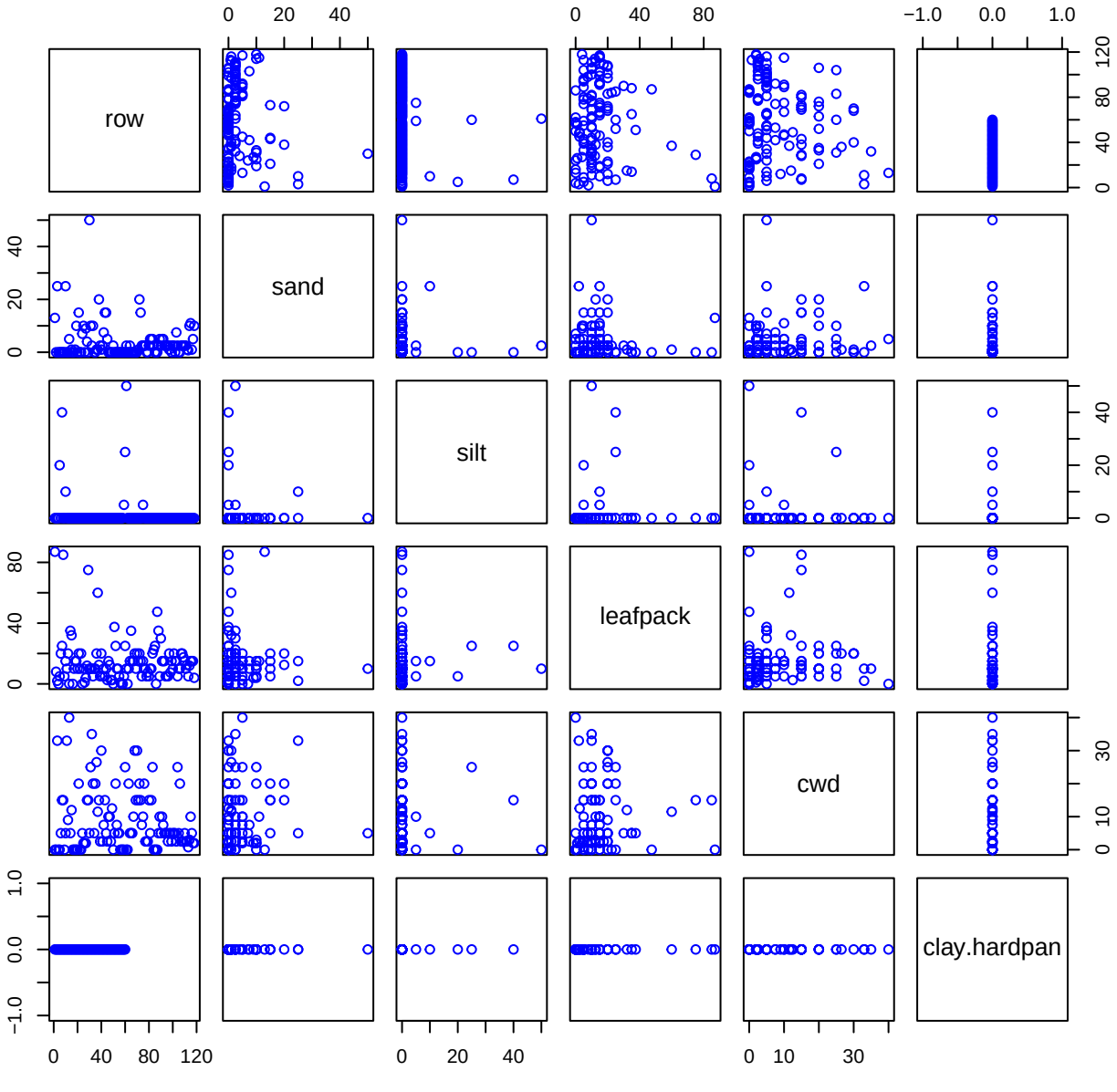
HF095−01 Plot 1



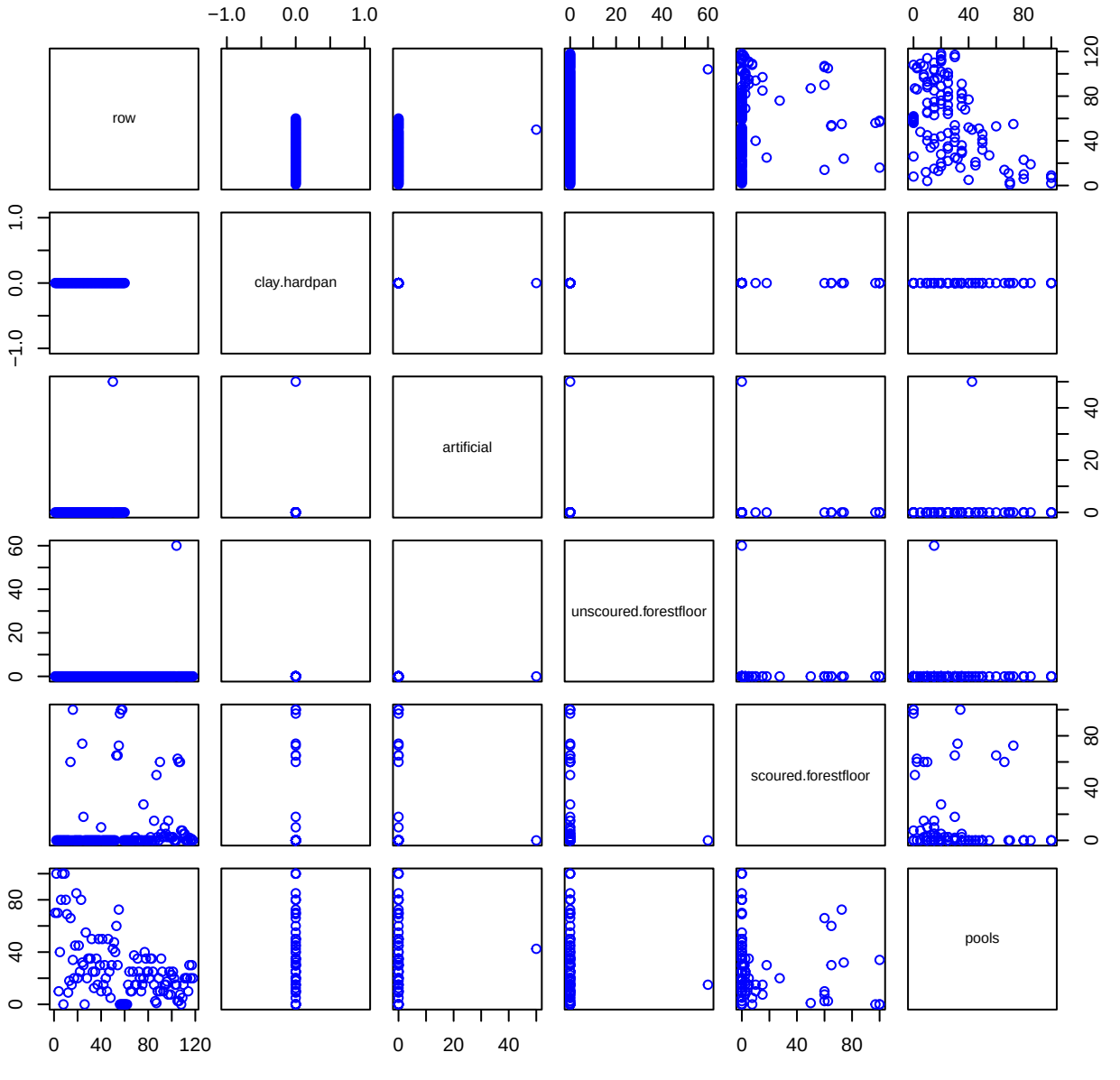
HF095−01 Plot 2



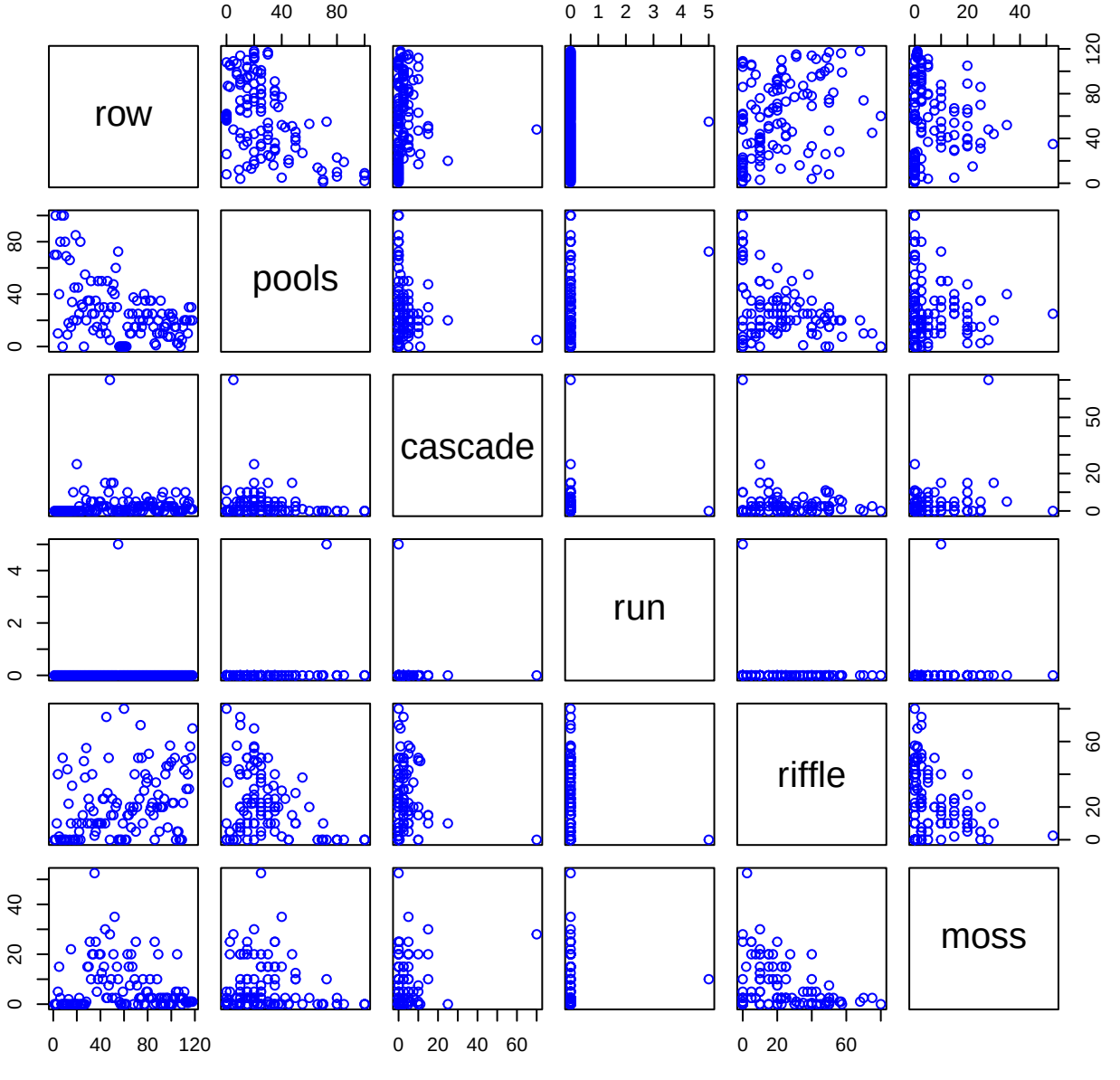
HF095−01 Plot 3



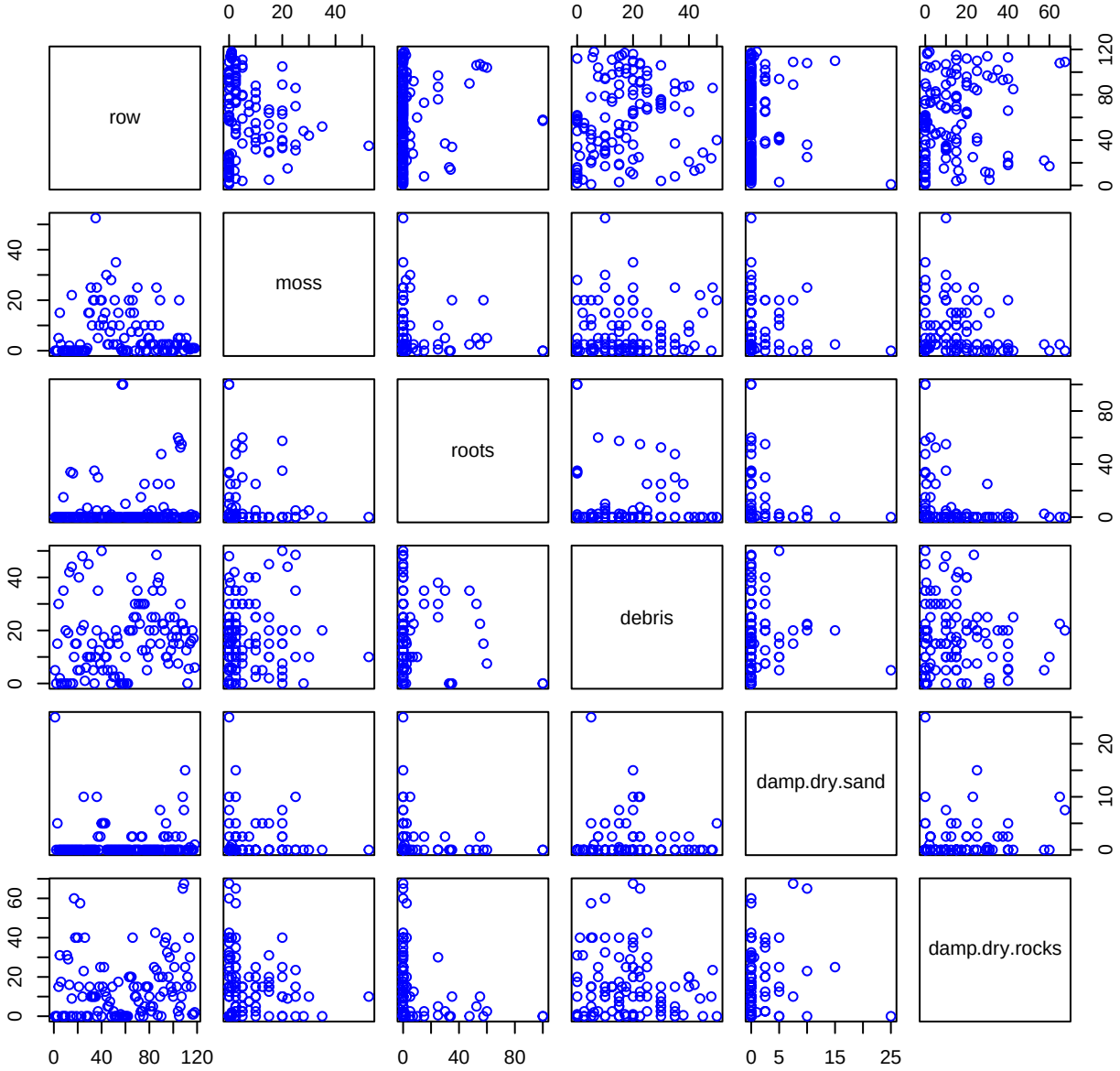
HF095−01 Plot 4

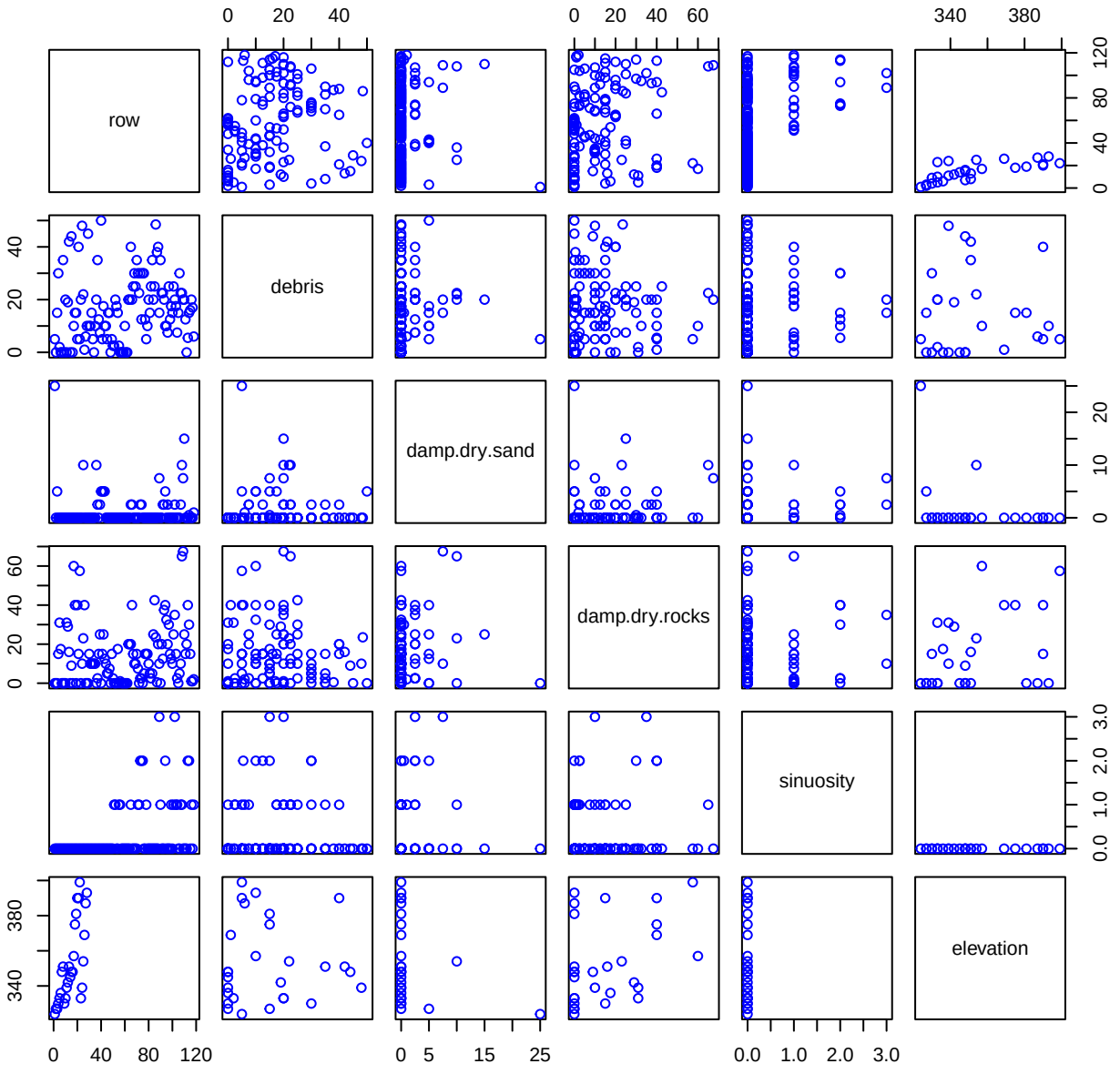


HF095−01 Plot 5



HF095−01 Plot 6




HF095−01 Plot 7
row
debris
damp.dry.sand
damp.dry.rocks
sinuosity
elevation
0 20 40
0 20 40 60
340 380
0 40 80 120
0 20 40
0 10 20
0 20 40 60
0.0 1.0 2.0 3.0
340 380
0 40 80 120
0 5 15 25
0.0 1.0 2.0 3.0