

Harvard Forest Data Archive HF159-01

Data File:

Name = hf159-01-bog-chars.csv  
Description = bog characteristics  
Rows = 78 Columns = 24  
MD5 checksum = 2160bda4f921d6e838742c75c36b1c0f

Variables:

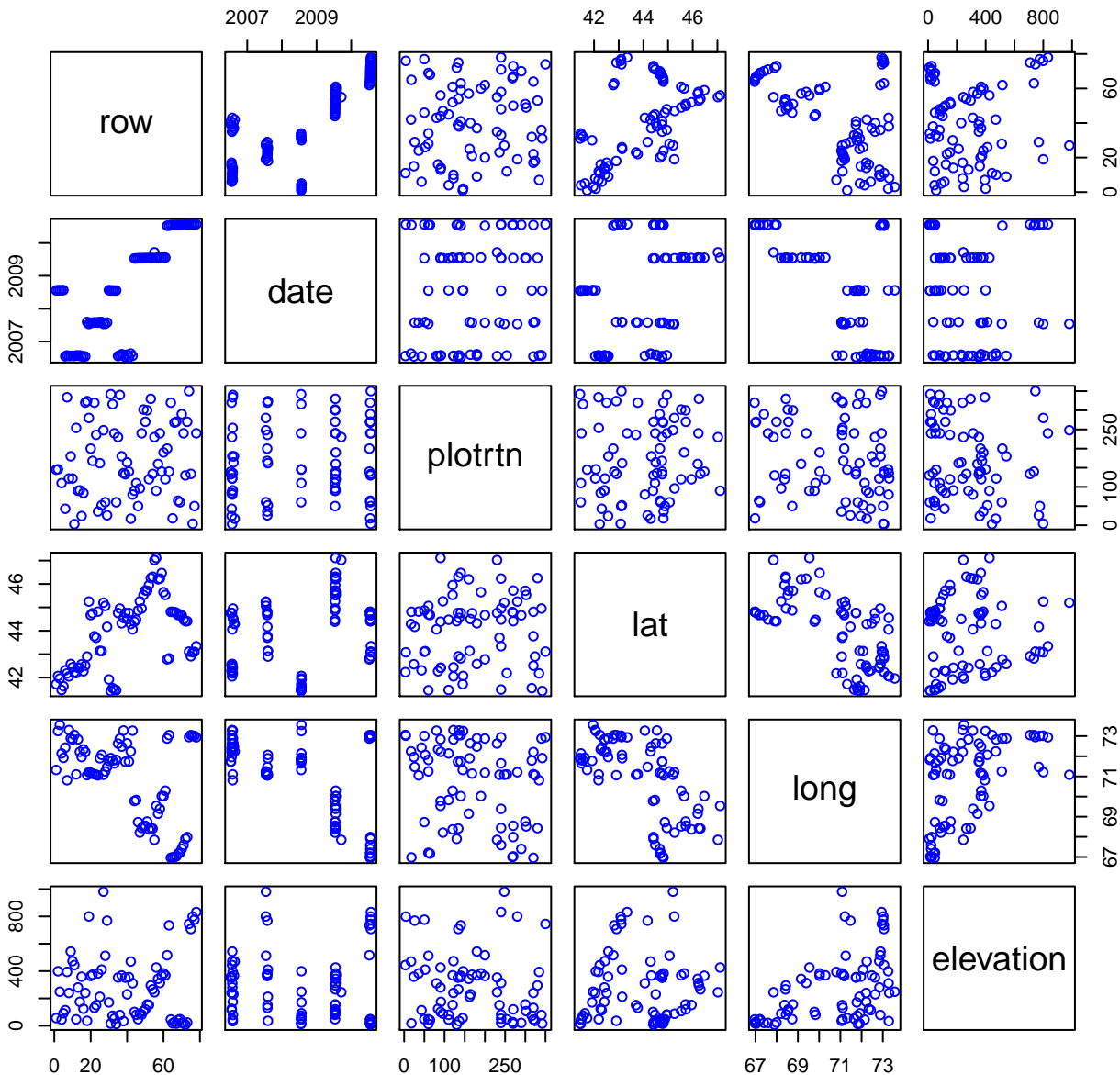
date = date bog was sampled  
plotrtn = orientation of the y-axis of the plot (from point  
1000,1000 to point 1000,10000), in degrees east of magnetic north (degree)  
lat = latitude of SW corner (point 1000, 1000) of sampled plot in  
decimal degrees, to nearest 100th (degree)  
long = longitude of SW corner (point 1000, 1000) of sampled plot in  
decimal degrees, to nearest 100th (degree)  
elevation = elevation in meters above sea level (meter)  
nplants = number of *Sarracenia purpurea* plants measured in the plot  
(maximum = 100; NA = no plants measured, only at Bowdich Reservoir Bogs,  
RI) (number)  
papaipema = number of plants attacked by *Papaipema appassionata*  
(number)  
exyra = number of plants with leaves exhibiting damage by *Exyra fax*  
(number)  
endothenia = number of plants attacked by *Endothenia deakana*  
(number)  
bud = number of plants that attempted to flower (number)  
flower = number of plants that successfully flowered. Less than or  
equal to bud (number)  
fruit = number of plants that successfully fruited. Less than or  
equal to flower (number)  
na = concentration of Sodium measured in water samples taken from  
the plot. Values are from subsample of five pooled 50-ml samples  
taken at corners and center of plot. (milligramsPerLiter)  
nh4 = concentration of Ammonium measured in water samples taken from  
the plot. Values are from subsample of five pooled 50-ml samples  
taken at corners and center of plot. (milligramsPerLiter)  
k = concentration of Potassium measured in water samples taken from  
the plot. Values are from subsample of five pooled 50-ml samples  
taken at corners and center of plot. (milligramsPerLiter)  
mg = concentration of Magnesium measured in water samples taken from  
the plot. Values are from subsample of five pooled 50-ml samples  
taken at corners and center of plot. (milligramsPerLiter)  
ca = concentration of Calcium measured in water samples taken from  
the plot. Values are from subsample of five pooled 50-ml samples  
taken at corners and center of plot. (milligramsPerLiter)  
cl = concentration of Chloride measured in water samples taken from  
the plot. Values are from subsample of five pooled 50-ml samples  
taken at corners and center of plot. (milligramsPerLiter)  
no3 = concentration of Nitrate measured in water samples taken from  
the plot. Values are from subsample of five pooled 50-ml samples  
taken at corners and center of plot. (milligramsPerLiter)

po4 = concentration of Phosphate measured in water samples taken from the plot. Values are from subsample of five pooled 50-ml samples taken at corners and center of plot. (milligramsPerLiter)

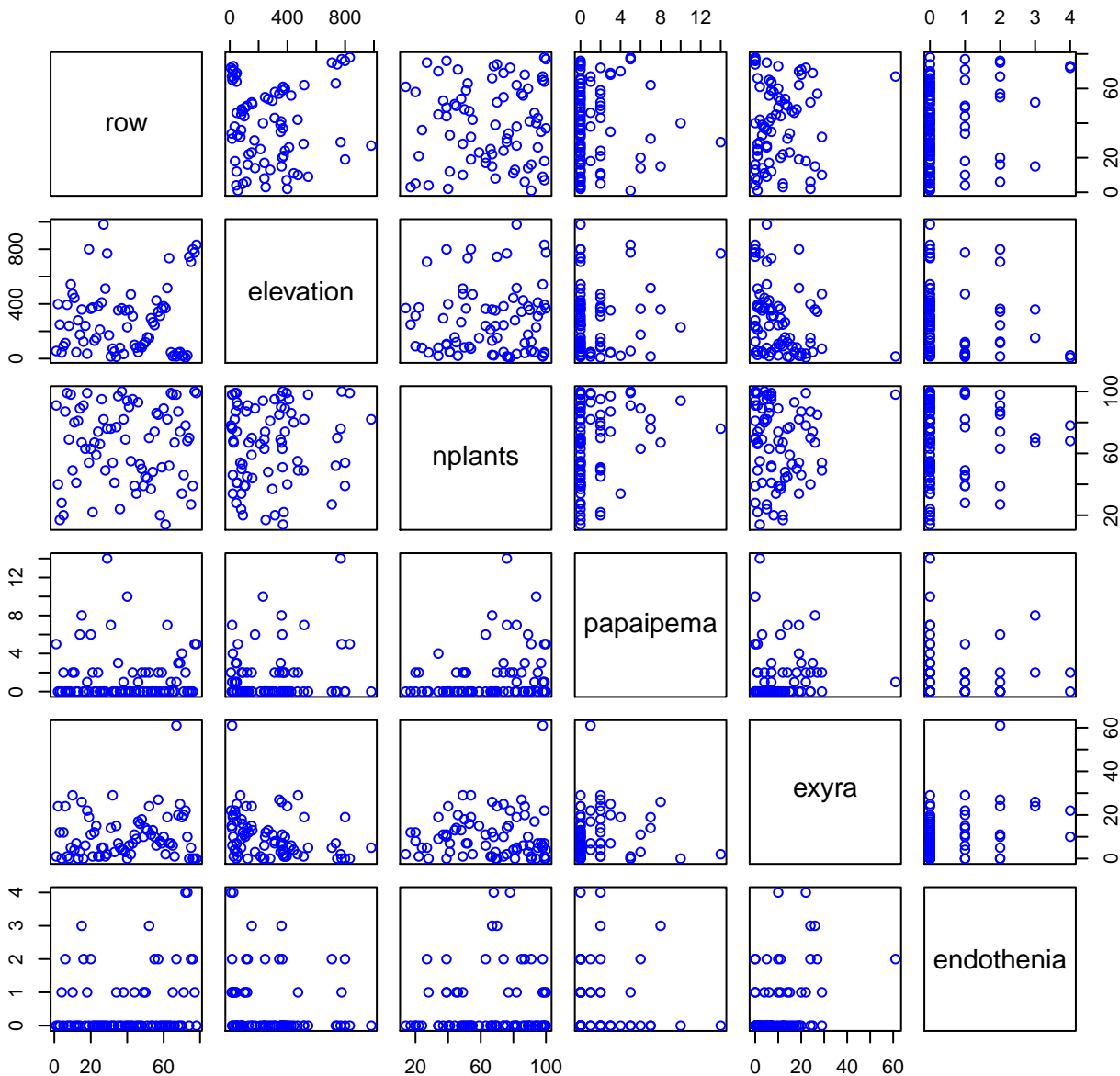
so4 = concentration of Sulfate measured in water samples taken from the plot. Values are from subsample of five pooled 50-ml samples taken at corners and center of plot. (milligramsPerLiter)

Variable	Min	Median	Mean	Max	NAs
date	2006-07-11	2008-07-24	2008-07-14	2010-07-28	0
plotrtn	3.000	146.000	170.907	350.000	3
lat	41.430	44.400	43.944	47.110	0
long	66.960	71.285	70.821	73.560	0
elevation	8.000	240.000	276.872	981.000	0
nplants	14.000	69.000	65.701	100.000	1
papaipema	0.000	0.000	1.494	14.000	1
exyra	0.000	7.000	10.338	61.000	1
endothenia	0.000	0.000	0.532	4.000	1
bud	0.000	5.000	6.909	45.000	1
flower	0.000	3.000	5.857	46.000	1
fruit	0.000	1.000	4.026	40.000	1
na	0.620	10.980	14.385	68.840	0
nh4	0.000	0.175	0.515	3.580	0
k	0.290	1.930	2.693	14.970	0
mg	0.180	0.585	0.715	3.660	0
ca	0.410	2.395	2.979	21.720	0
cl	0.710	3.290	8.492	60.120	7
no3	0.000	0.025	0.028	0.140	0
po4	0.000	0.010	0.112	1.460	0
so4	0.430	1.645	2.280	15.470	0

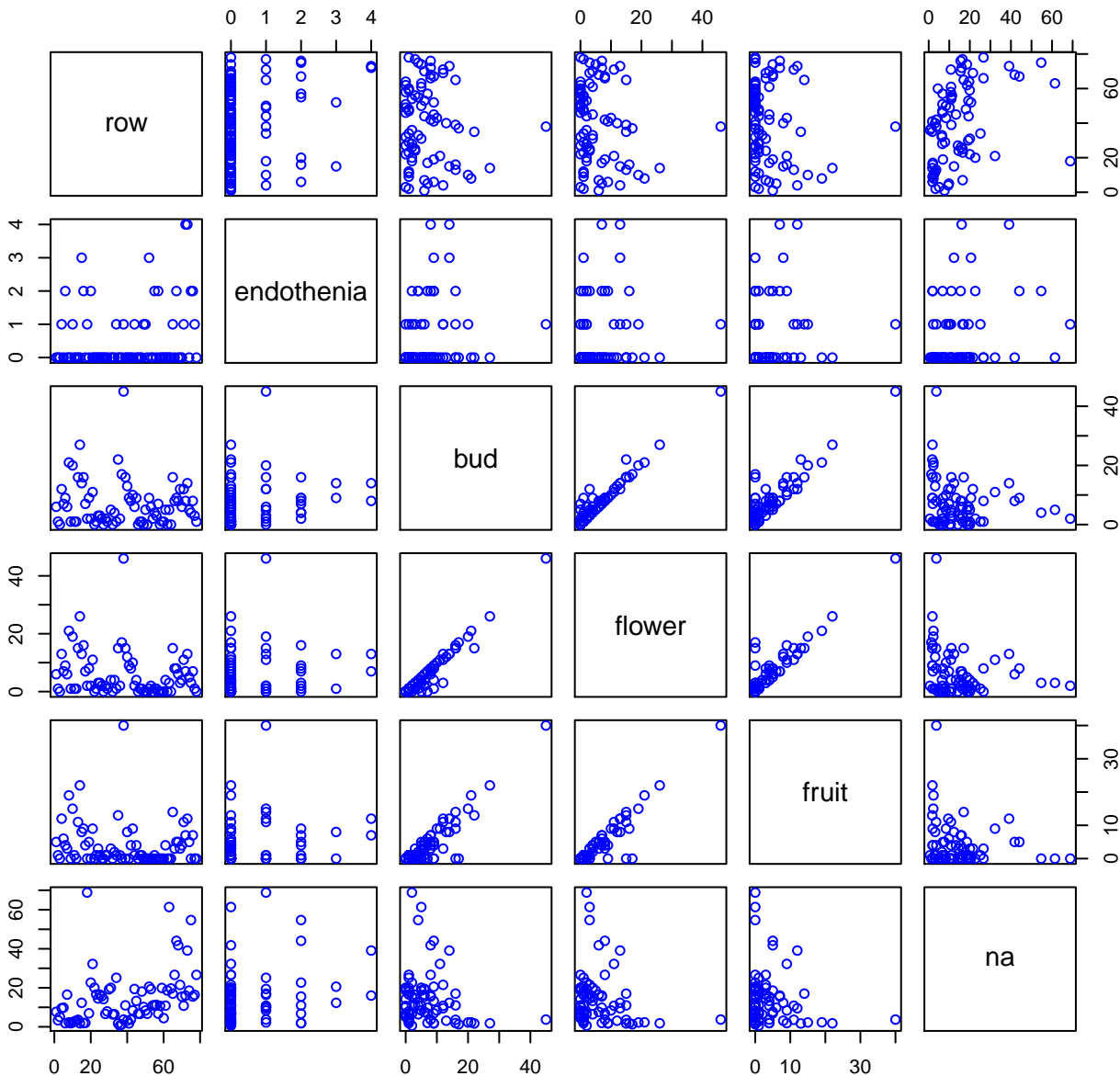
# HF159-01 Plot 1



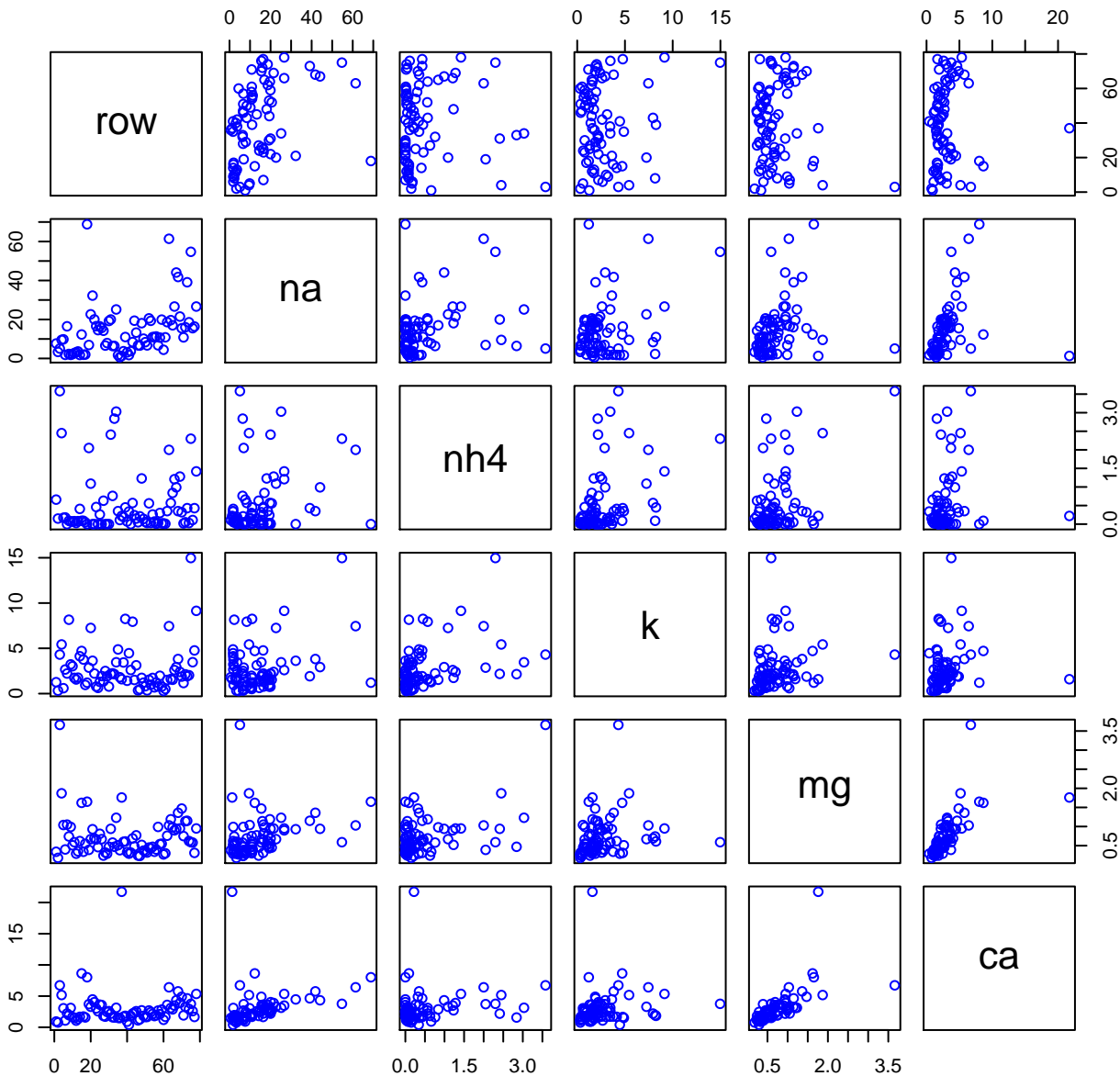
# HF159-01 Plot 2



# HF159-01 Plot 3



# HF159-01 Plot 4



# HF159-01 Plot 5

