

Harvard Forest Data Archive HF434-02

Data File:

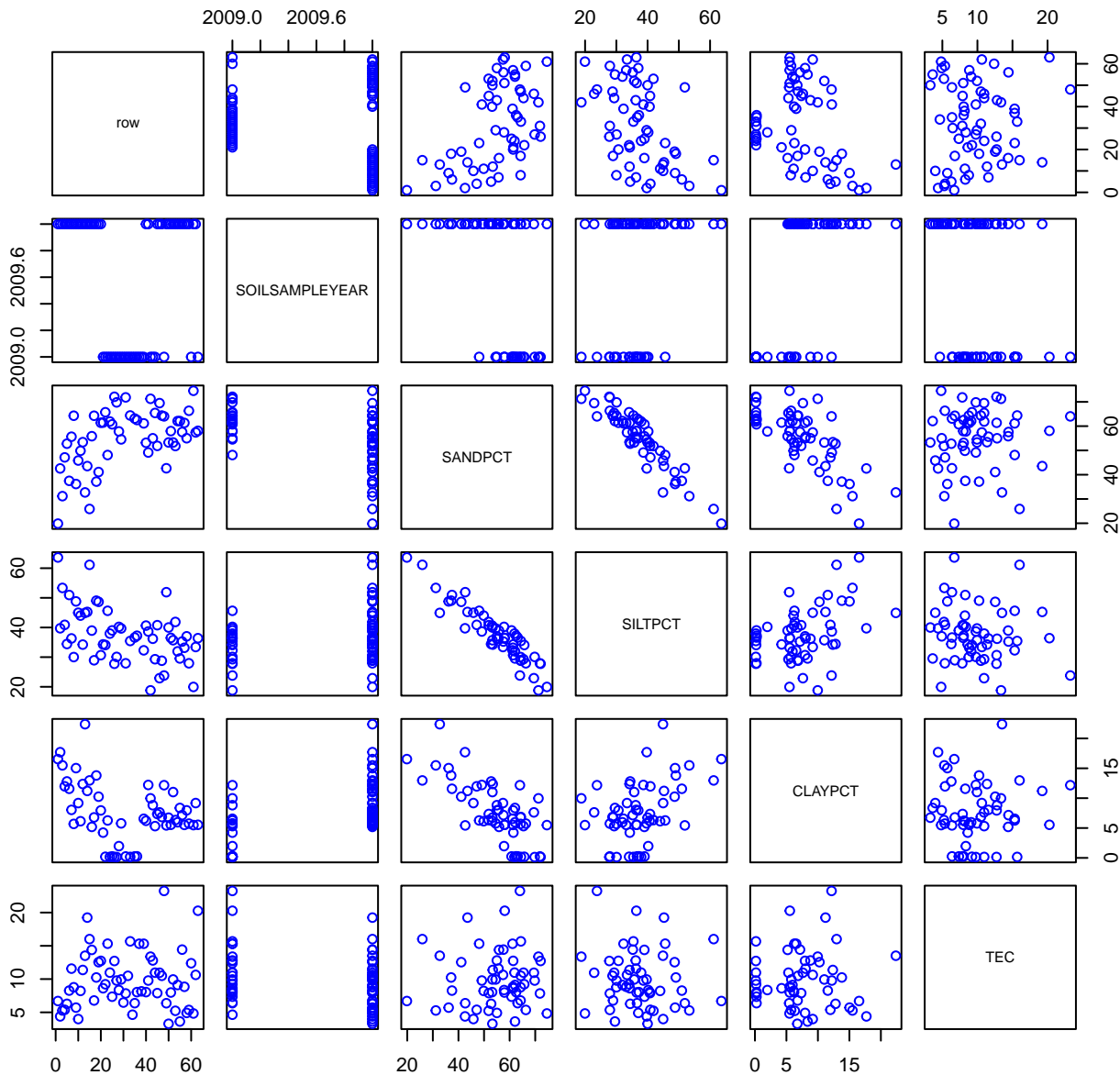
Name = hf434-02-soil.csv
Description = soil chemical and textural analyses
Rows = 63 Columns = 35
MD5 checksum = 59a21cb6639fd48f640af882fe7753c6

Variables:

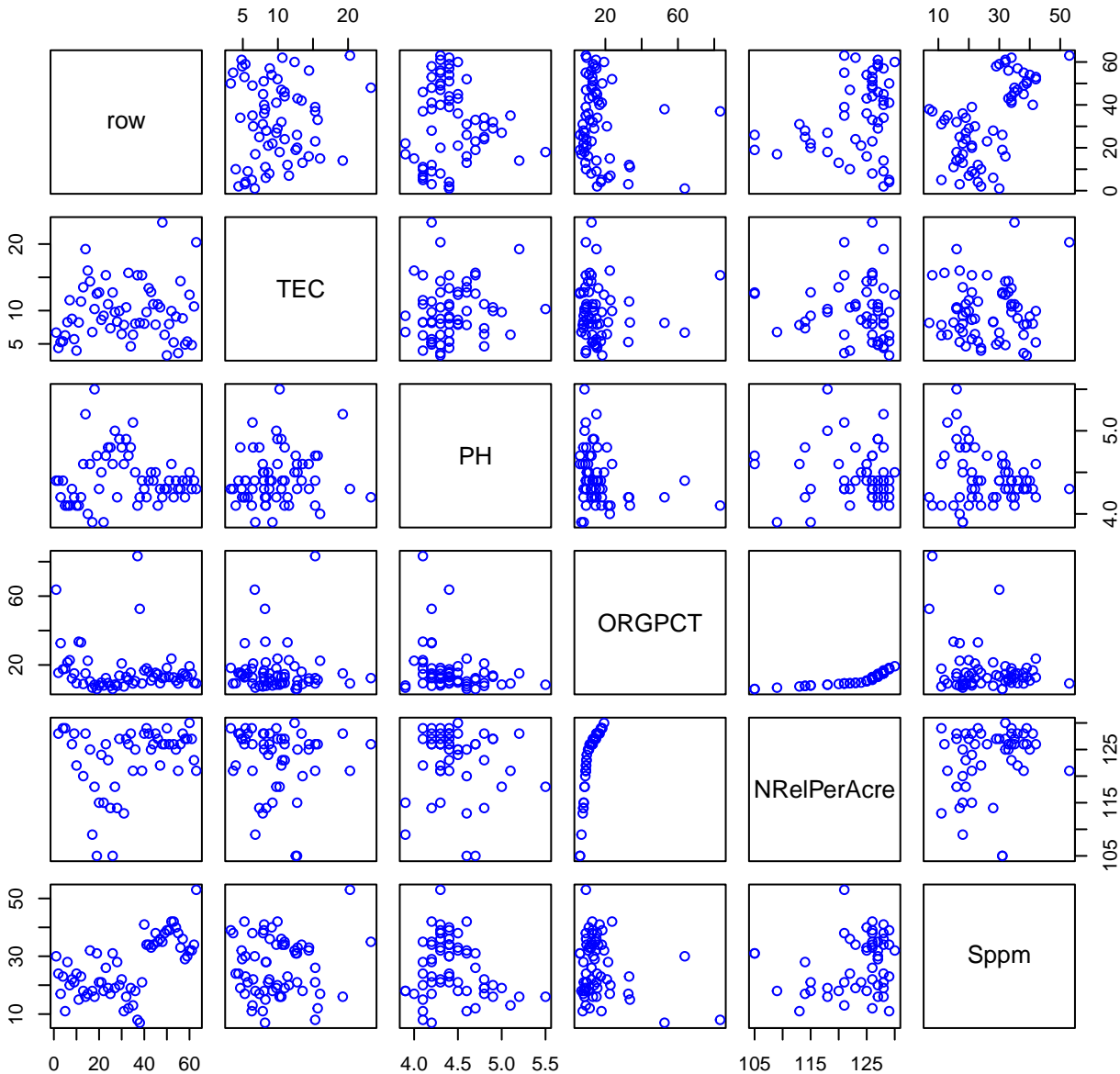
SOILSAMPLEYEAR = year sample was taken
SANDPCT = percent sand (dimensionless)
SILTPTCT = percent silt (dimensionless)
CLAYPCT = percent clay (dimensionless)
TEC = total exchange capacity (meq/100g) (dimensionless)
PH = pH; 1:1 soil to water (dimensionless)
ORGPCT = percent organic matter (dimensionless)
NRRelPerAcre = estimated nitrogen release in pounds per acre. Values
with NA were above Brookside Lab's maximum detection limit
(dimensionless)
Sppm = sulfur (mg/kg) (dimensionless)
Pppm = phosphorus (mg/kg) (dimensionless)
BRAYIII_Pppm = Bray II phosphorus (mg/kg). Values of zero were
recorded as <1 by Brookside Labs (dimensionless)
Cappm = calcium (mg/kg) (dimensionless)
MGppm = magnesium (mg/kg) (dimensionless)
Kppm = potassium (mg/kg) (dimensionless)
Nappm = sodium (mg/kg) (dimensionless)
Capct = calcium (%) (dimensionless)
MGpct = magnesium (%) (dimensionless)
Kpct = potassium (%) (dimensionless)
Napct = sodium (%) (dimensionless)
OTHERBASEpct = other bases (%) (dimensionless)
Hpct = hydrogen (%) (dimensionless)
Bppm = boron (mg/kg). Values with NA were below Brookside Lab's
minimum
detection limit (dimensionless)
Feppm = iron (mg/kg) (dimensionless)
MNppm = manganese (mg/kg) (dimensionless)
Cuppm = copper (mg/kg) (dimensionless)
ZNppm = zinc (mg/kg) (dimensionless)
Alppm = aluminum (mg/kg) (dimensionless)
Cpct = carbon (%) (dimensionless)
Npct = nitrogen (%) (dimensionless)
CNRATIO = carbon/nitrogen ratio (dimensionless)

Variable	Min	Median	Mean	Max	NAs
SOILSAMPLEYE	2009.000	2010.000	2009.603	2010.000	0
SANDPCT	19.850	57.410	54.919	74.560	6
SILTPCT	18.800	36.500	37.502	63.610	6
CLAYPCT	0.140	6.780	7.581	22.380	6
TEC	3.280	9.110	9.788	23.250	0
PH	3.900	4.400	4.430	5.500	0
ORGPCT	6.010	12.910	16.400	83.250	0
NRelPerAcre	105.000	126.000	123.269	130.000	11
Sppm	7.000	24.000	26.190	53.000	0
Pppm	3.000	20.000	40.937	182.000	0
BRAYII_Pppm	0.000	20.000	66.571	334.000	0
Cappm	105.000	509.000	565.810	1806.000	0
MGppm	21.000	40.000	43.714	118.000	0
Kppm	28.000	59.000	60.460	106.000	0
Nappm	18.000	26.000	31.873	125.000	0
Capct	14.040	27.230	27.656	54.740	0
MGpct	1.460	4.010	3.973	7.050	0
Kpct	0.420	1.760	1.910	6.800	0
Napct	0.520	1.320	1.683	6.540	0
OTHRBASEpct	7.200	8.400	8.296	9.600	38
Hpct	30.000	57.000	56.238	66.000	0
Bppm	0.200	0.290	0.288	0.390	30
Feppm	59.000	300.000	302.587	561.000	0
MNppm	1.000	15.000	20.889	91.000	0
Cuppm	0.350	0.670	0.820	8.100	0
ZNppm	0.930	2.880	3.559	11.110	0
Alppm	176.000	1650.000	1513.286	2222.000	0
Cpct	2.900	6.860	8.383	38.810	0
Npct	0.130	0.360	0.386	1.070	0
CNRATIO	11.510	20.150	21.743	36.860	0

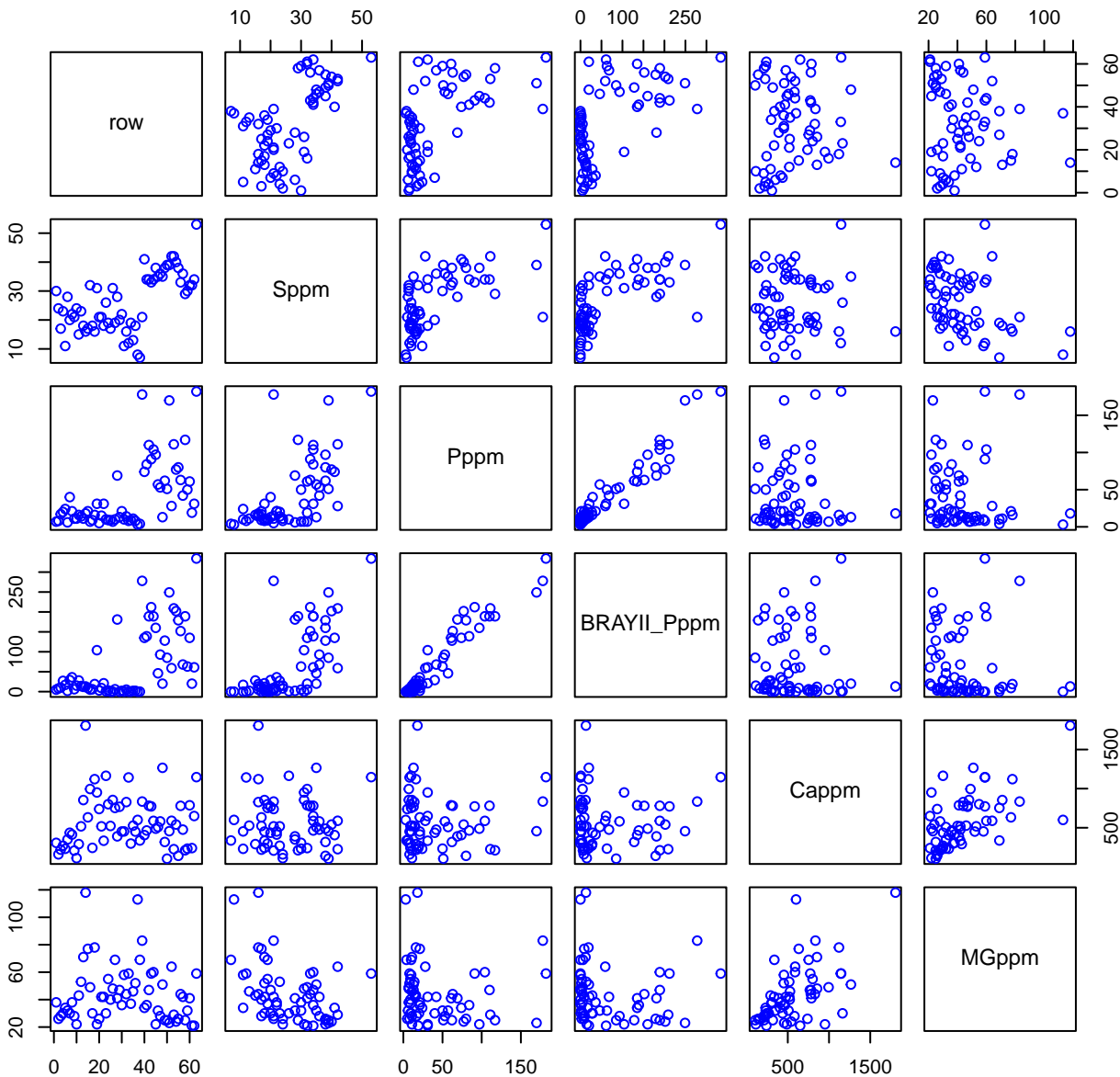
HF434-02 Plot 1



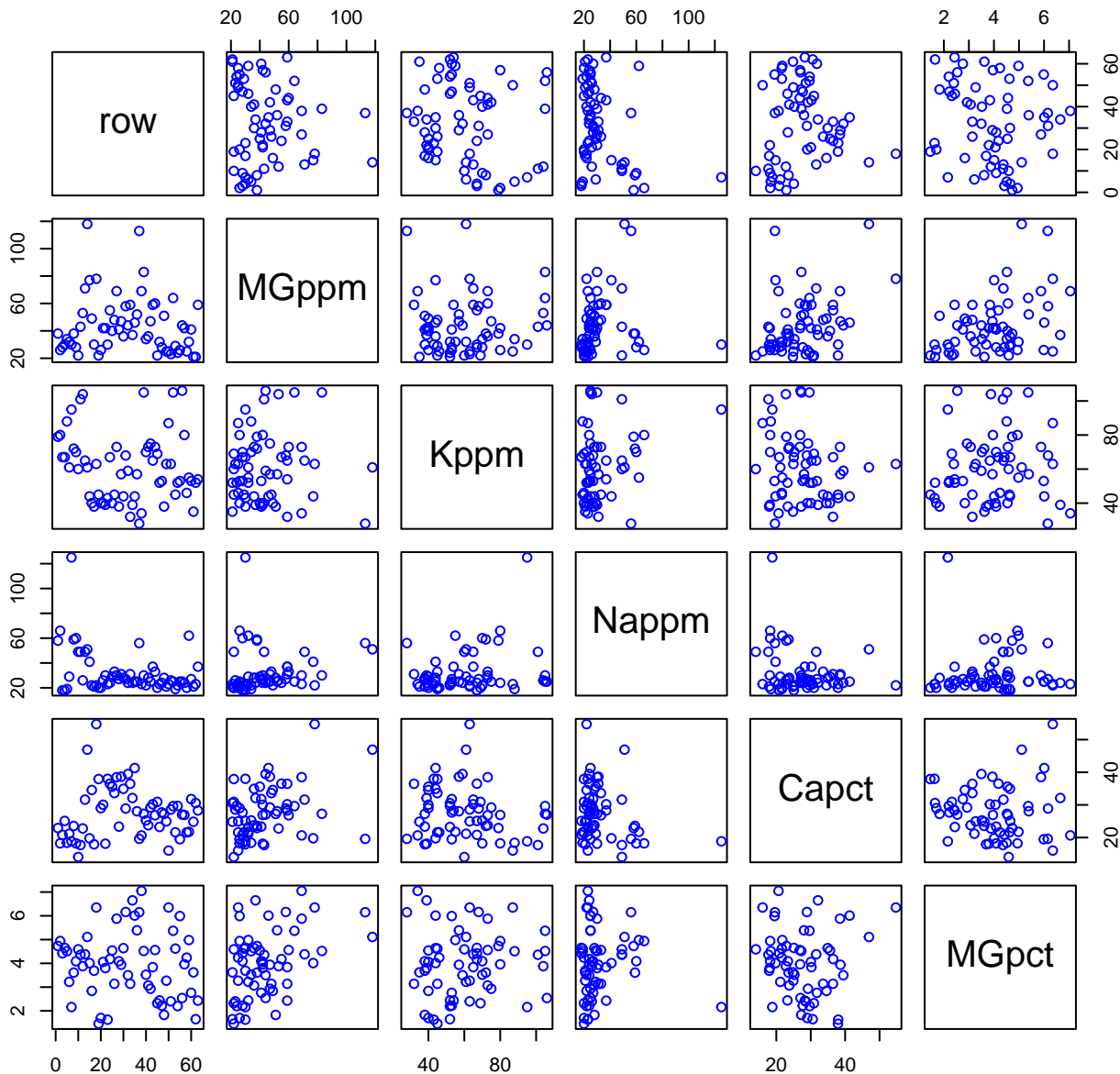
HF434-02 Plot 2



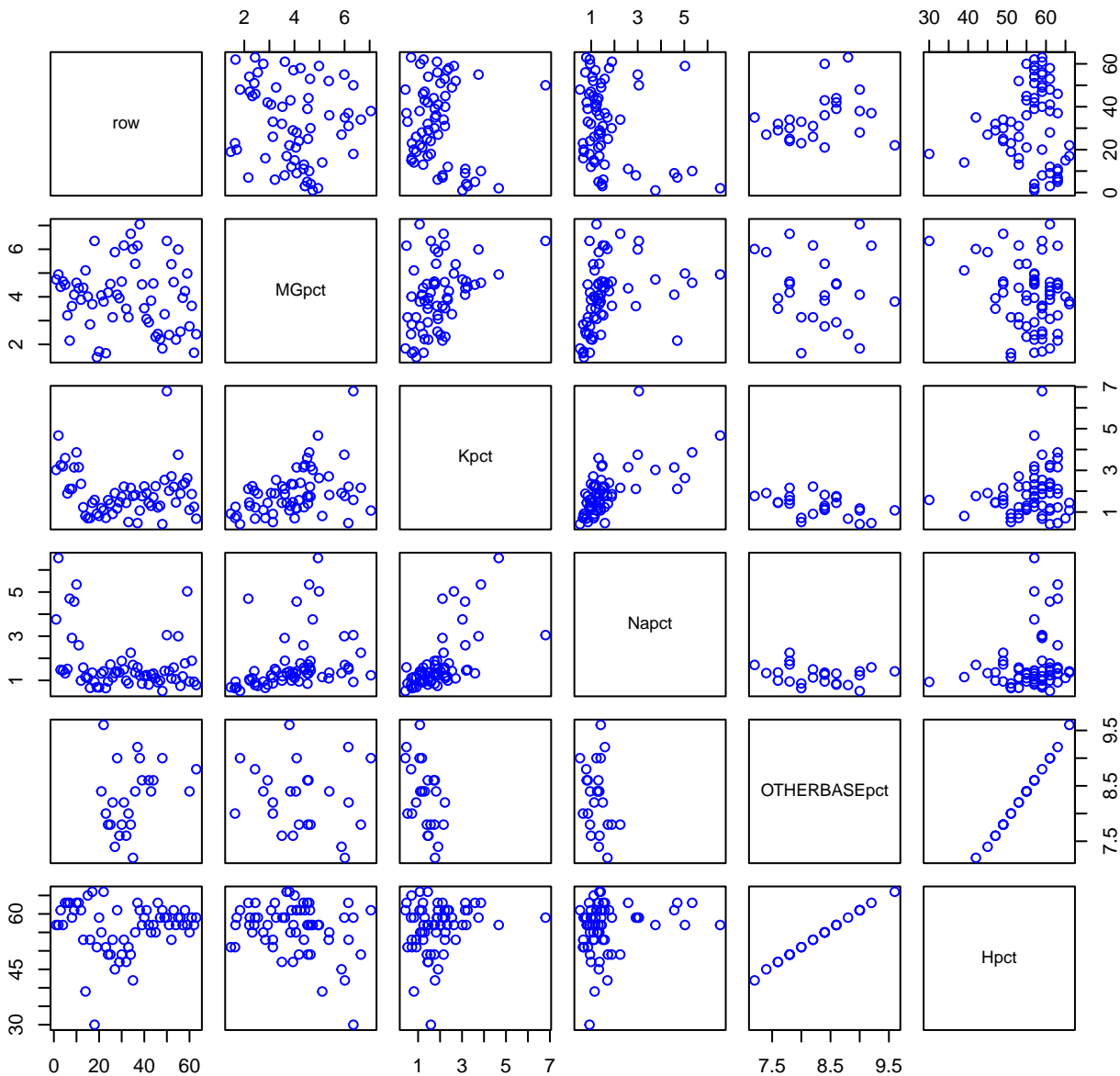
HF434-02 Plot 3



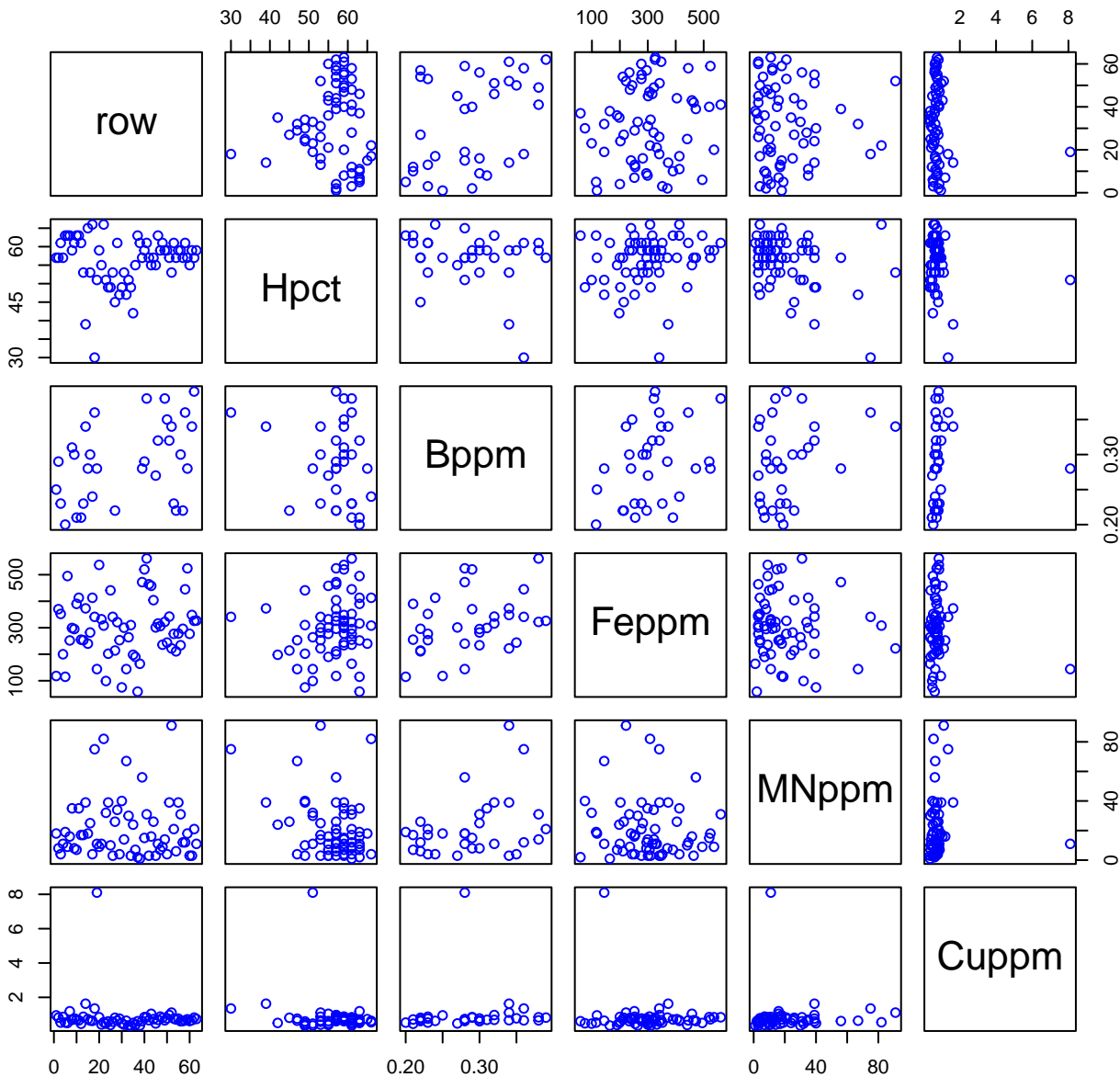
HF434-02 Plot 4



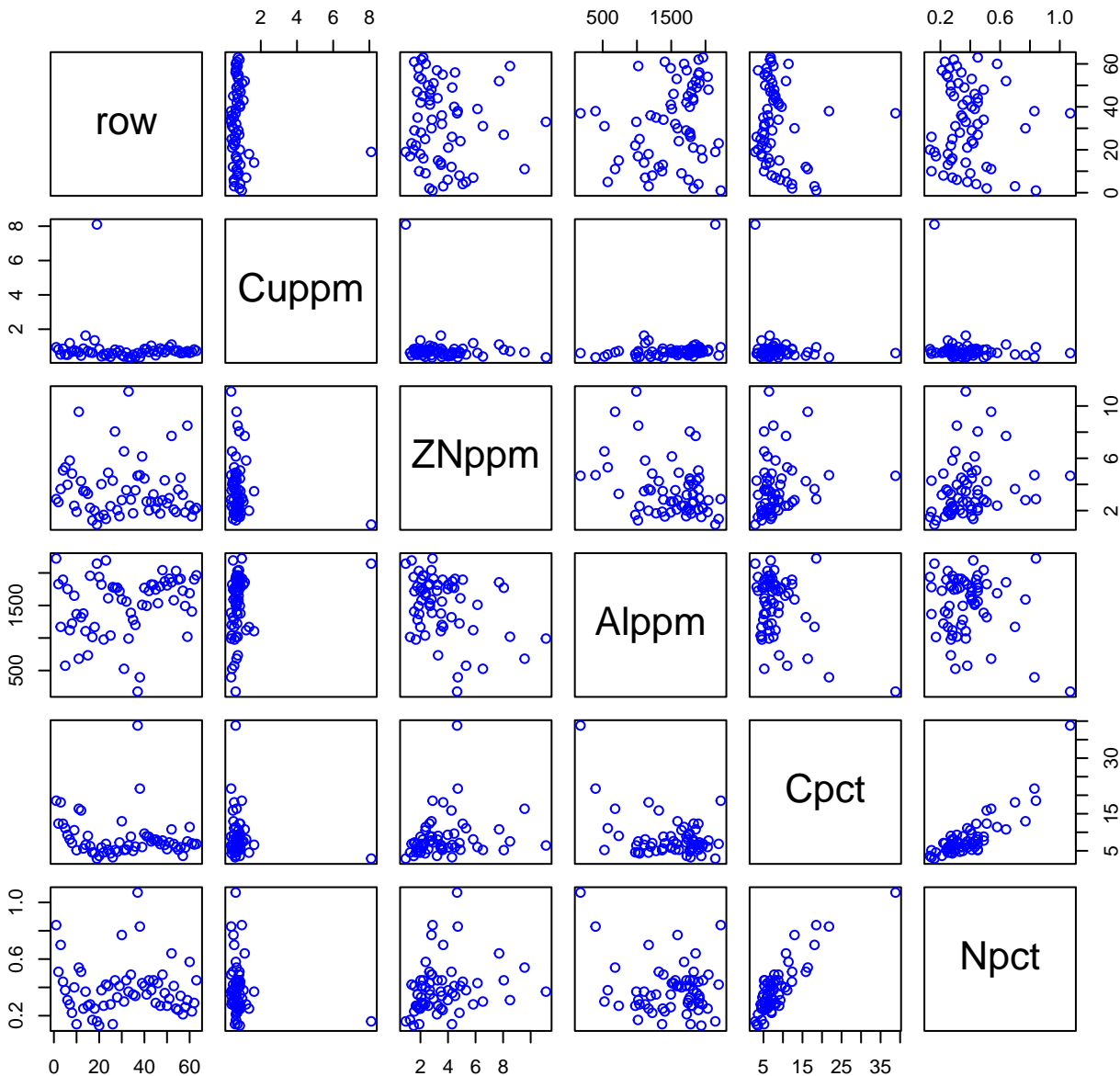
HF434-02 Plot 5



HF434-02 Plot 6



HF434-02 Plot 7



HF434-02 Plot 8

