

Harvard Forest Data Archive HF223-02

Data File:

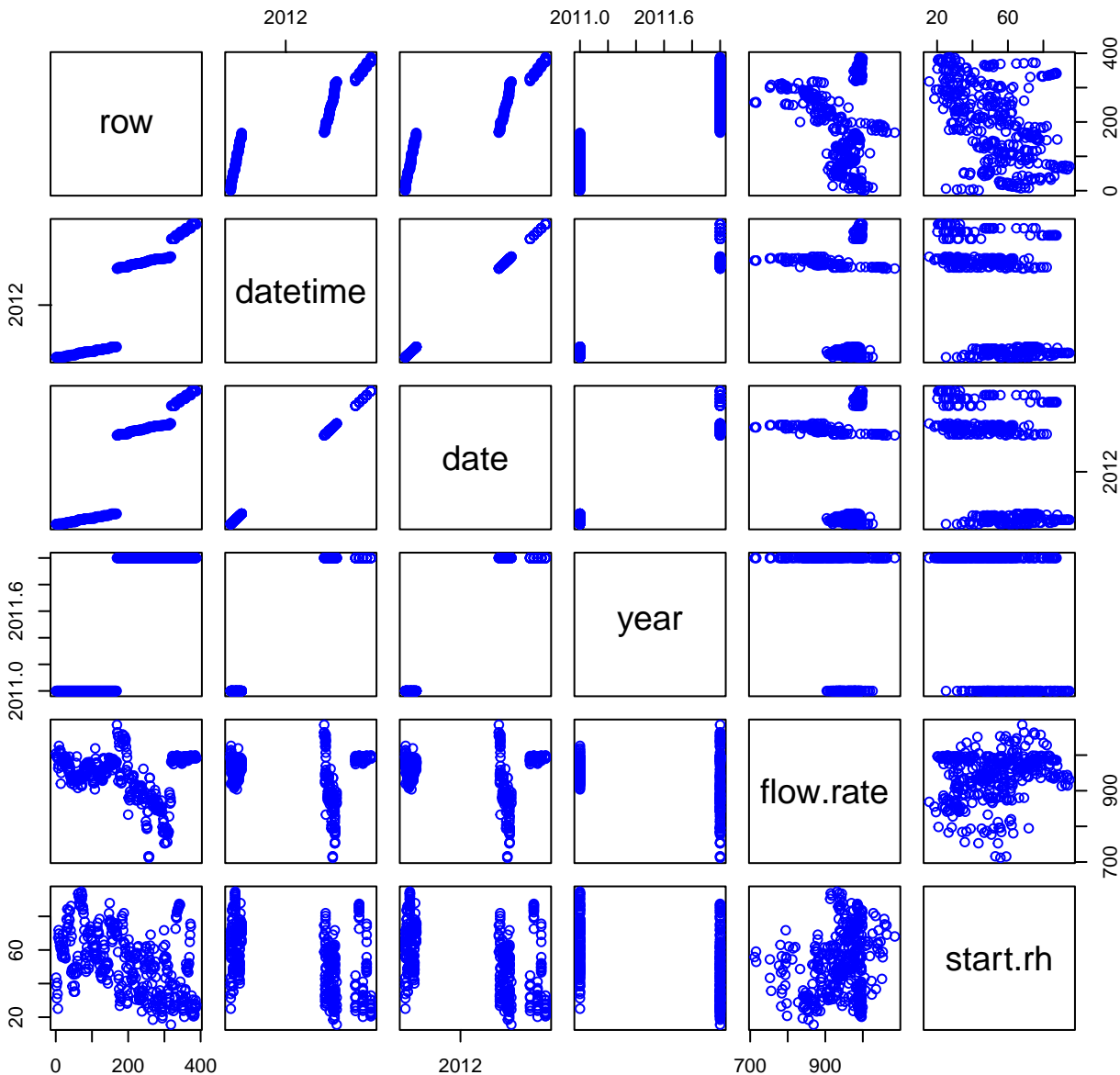
Name = hf223-02-li6200.csv  
Description = Licor 6200  
Rows = 388 Columns = 32  
MD5 checksum = 0c7f4f3386ac3f8445d3844f5068355e

Variables:

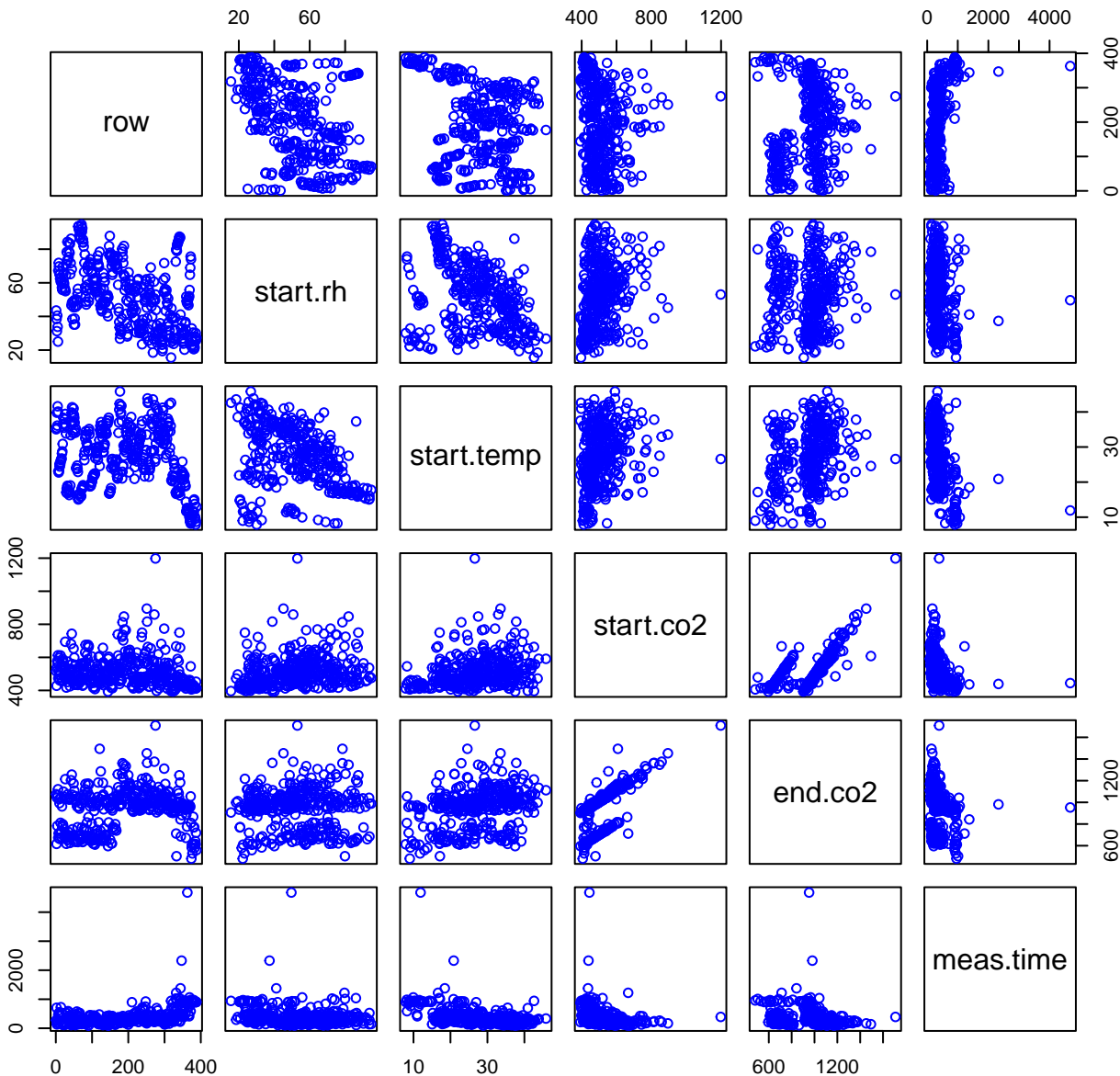
datetime = date and time sampled  
date = date of measurement  
year = year measured  
flow.rate = flow rate in micromols per second (micromolePerSecond)  
start.rh = relative humidity at start of measurement (%)  
(dimensionless)  
start.temp = temperature inside the chamber at start of  
measurement  
(celsius)  
start.co2 = starting CO2 concentration (ppm) (dimensionless)  
end.co2 = ending CO2 concentration (ppm) (dimensionless)  
meas.time = total time of measurement (total time chamber sat on  
the  
collar) (second)  
end.rh = relative humidity at end of measurement (%) (dimensionless)  
end.temp = temperature inside the chamber at end of  
measurement  
(celsius)  
air.temp = ambient air temperature (celsius)  
air.rh = ambient relative humidity (%) (dimensionless)  
soil.temp = soil temperature (celsius)  
soil.mois = soil moisture - recorded by a relative probe, before we  
got a  
Hydrosense (dimensionless)  
soil.ph = soil pH recorded with a manual probe (dimensionless)  
co2.flux1 = soil CO2 efflux (grams CO2 m<sup>-2</sup> s<sup>-1</sup>)  
(gramPerMeterSquaredPerSecond)  
co2.flux2 = soil CO2 efflux (milligrams CO2 m<sup>-2</sup> s<sup>-1</sup>)  
(milligramPerMeterSquaredPerSecond)  
co2.flux3 = soil CO2 efflux (micromol CO2 m<sup>-2</sup> s<sup>-1</sup>)  
(micromolePerMeterSquaredPerSecond)

Variable	Min	Median	Mean	Max	NAs
datetime	2011-06-07T13:13		2012-11-17T14:04		2
date	2011-06-07	2012-05-31	2012-02-06	2012-11-17	0
year	2011.000	2012.000	2011.567	2012.000	0
flow.rate	711.800	957.400	940.620	1085.000	0
start.rh	15.550	51.830	52.596	94.690	0
start.temp	7.897	27.460	27.224	45.830	0
start.co2	393.100	489.450	513.221	1198.000	0
end.co2	481.100	976.150	944.023	1709.000	0
meas.time	91.290	315.100	397.319	4676.400	0
end.rh	16.660	57.260	57.067	99.560	2
end.temp	5.483	27.400	27.172	52.110	1
air.temp	4.100	25.000	25.316	49.600	0
air.rh	12.000	56.000	55.583	100.000	13
soil.temp	4.700	20.000	19.712	36.000	0
soil.moist	1.900	2.500	9.071	42.700	0
soil.ph	5.000	6.500	6.399	7.000	121
co2.flux1	0.000	0.000	0.000	0.001	0
co2.flux2	0.000	0.190	0.201	0.520	0
co2.flux3	0.060	4.250	4.567	11.830	0

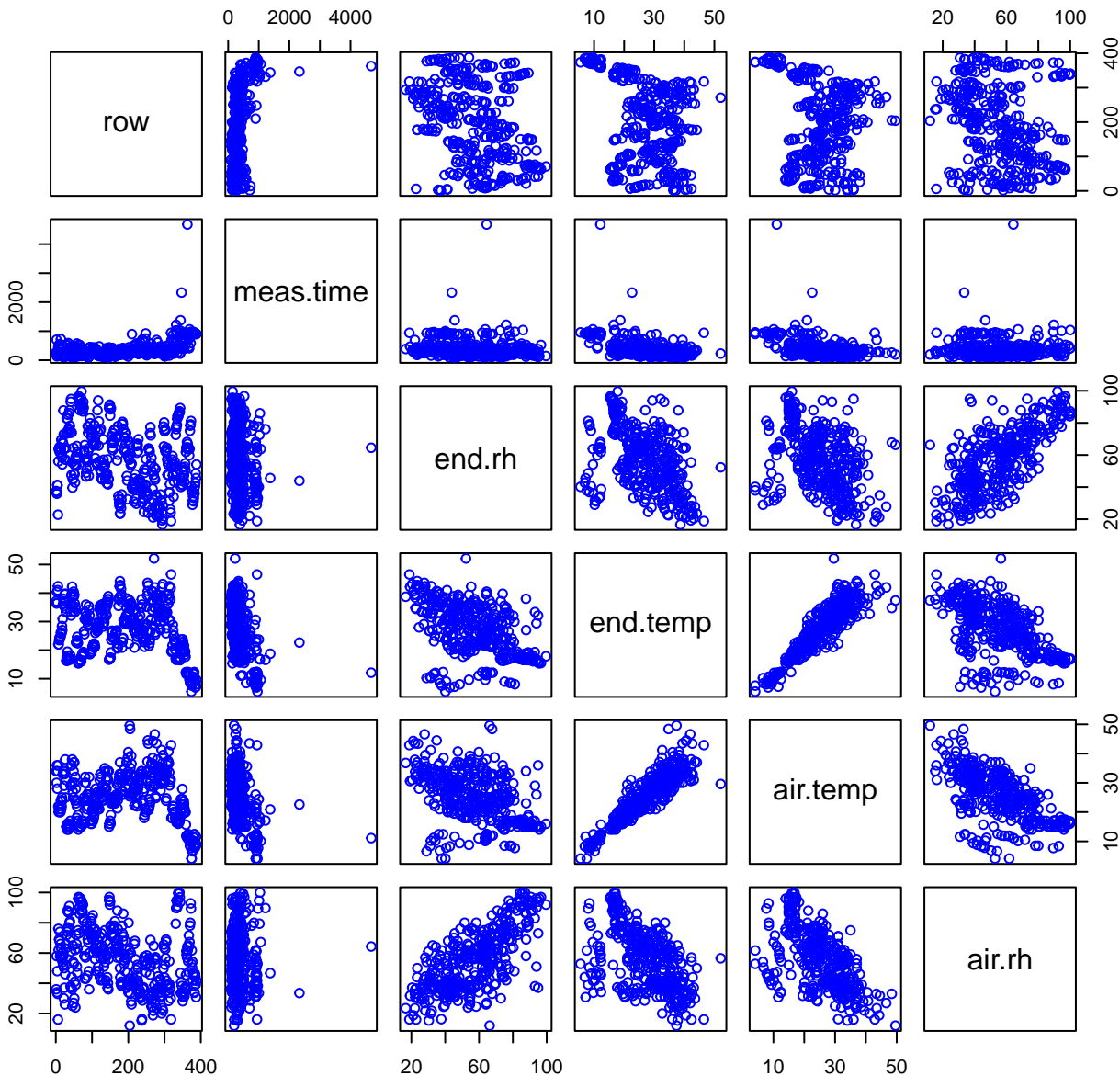
# HF223-02 Plot 1



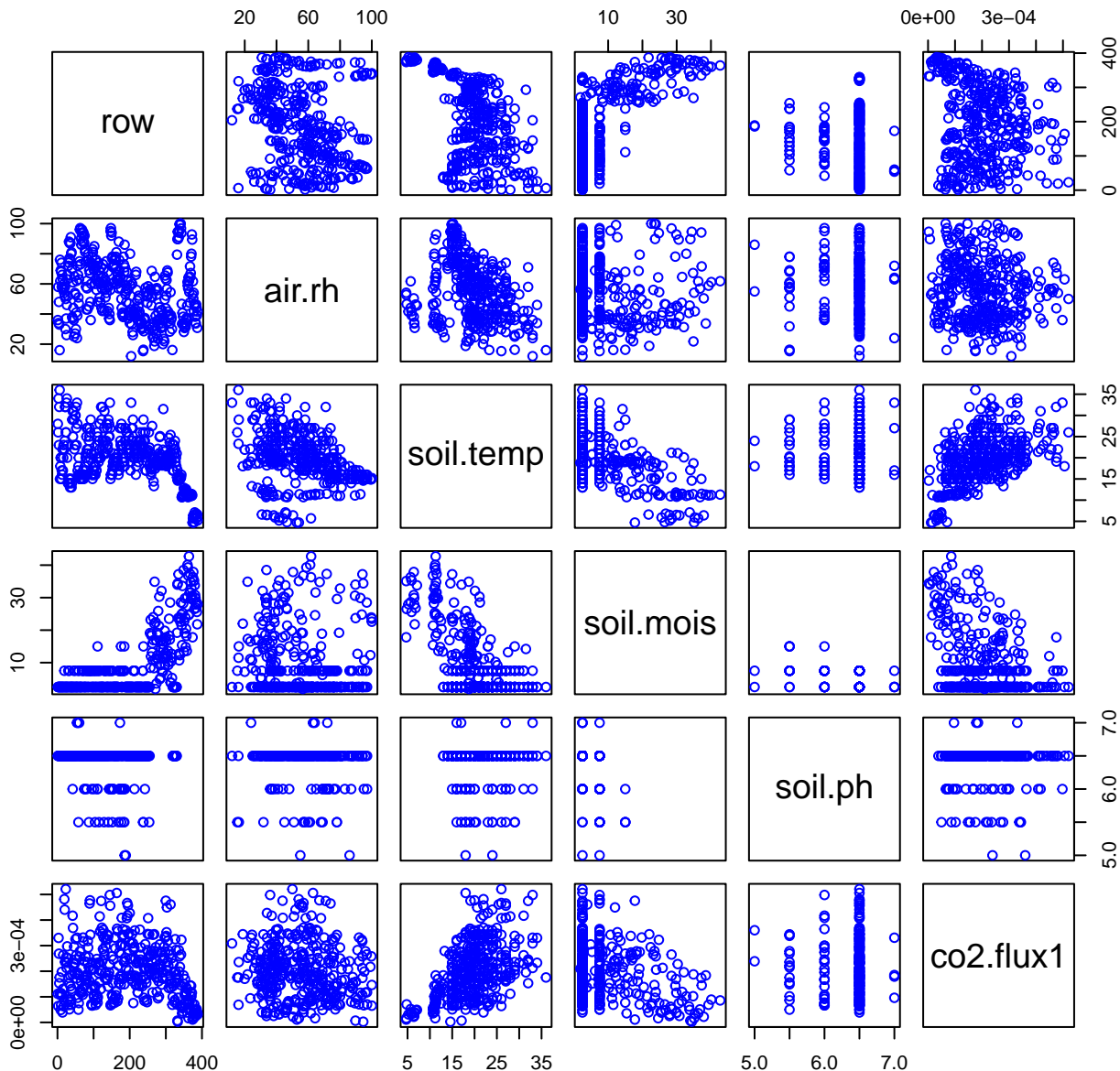
# HF223-02 Plot 2



# HF223-02 Plot 3



# HF223-02 Plot 4



# HF223-02 Plot 5

