

Harvard Forest Data Archive HF282-02

Data File:

Name = hf282-02-hdwd-tower-understory.csv
Description = hardwood tower understory data (May 2015-present)
Rows = 168582 Columns = 26
MD5 checksum = 2aeff25cfc6260886135806d0f5c0a76

Variables:

datetime = date and time stamp
dec_date = decimal date (nominalDay)
parus1 = photosynthetically active radiation, understory site 1, 10m south of tower, at 1 m height (micromolePerMeterSquaredPerSecond)
parus2 = photosynthetically active radiation, understory site 2, 30m southwest of tower, at 1 m height (micromolePerMeterSquaredPerSecond)
airt_us1 = understory air temperature site 1, 10m south of tower, at 1 m height (celsius)
airt_us2 = understory air temperature site 2, 30m southwest of tower, at 1 m height (celsius)
soilt_us1 = soil temperature site 1, 10m south of tower (celsius)
soilt_us2 = soil temperature site 2, 30m southwest of tower (celsius)
wvc1 = soil volumetric water content site 1, 10m south of tower (dimensionless)
wvc2 = soil volumetric water content site 2, 30m southwest of tower (dimensionless)
parus1_max = maximum photosynthetically active radiation understory site 1, 10m south of tower, 1 m height (micromolePerMeterSquaredPerSecond)
parus2_max = maximum photosynthetically active radiation understory site 2, 30m southwest of tower, 1 m height (micromolePerMeterSquaredPerSecond)
airt_us1_max = maximum understory air temperature site 1, 10m south of tower, at 1 m height (celsius)
airt_us2_max = maximum understory air temperature site 2, 30m southwest of tower, at 1 m height (celsius)
soilt_us1_max = maximum soil temperature site 1, 10m south of tower (celsius)
soilt_us2_max = maximum soil temperature site 2, 30m southwest of tower (celsius)
wvc1_max = maximum soil volumetric water content site 1, 10m south of tower (dimensionless)
wvc2_max = maximum soil volumetric water content site 2, 30m southwest of tower (dimensionless)
parus1_min = minimum photosynthetically active radiation understory site 1, 10m south of tower, at 1 m height (micromolePerMeterSquaredPerSecond)
parus2_min = minimum photosynthetically active radiation understory site 2, 30m southwest of tower, at 1 m height (micromolePerMeterSquaredPerSecond)

airt_us1_min = minimum understory air temperature site 1, 10m south
of tower, at 1 m
height (celsius)

airt_us2_min = minimum understory air temperature site 2, 30m
southwest of tower, at 1 m
height (celsius)

soilt_us1_min = minimum soil temperature site 1, 10m south of tower
(celsius)

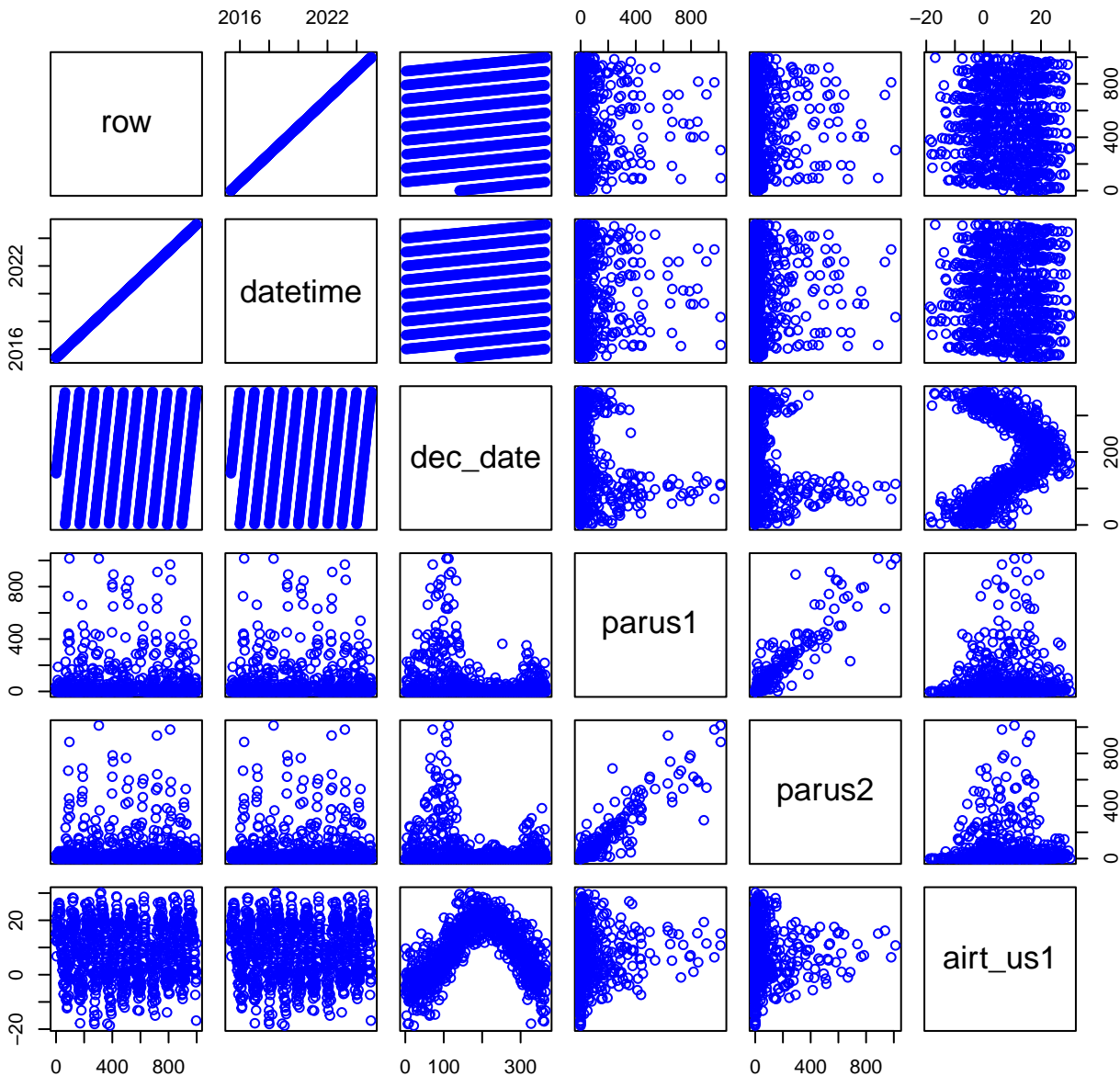
soilt_us2_min = minimum soil temperature site 2, 30m southwest of
tower (celsius)

vwcl_min = minimum soil volumetric water content site 1, 10m south
of
tower (dimensionless)

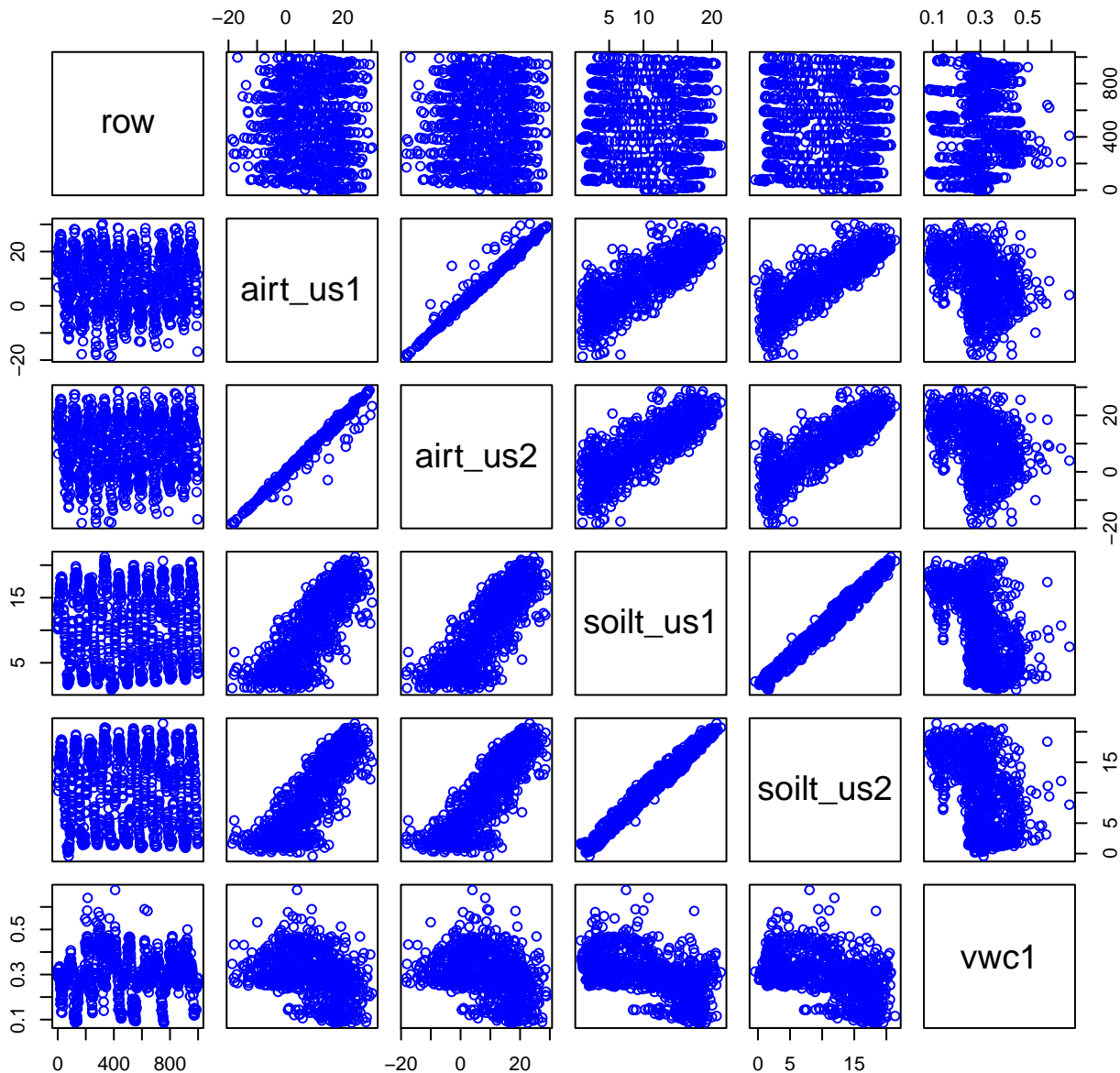
vwcl2_min = minimum soil volumetric water content site 2, 30m
southwest of
tower (dimensionless)

Variable	Min	Median	Mean	Max	NAs
datetime	2015-05-21T15:00		2025-01-01T00:00		0
dec_date	1.000	190.688	188.144	366.979	0
parus1	-2.000	1.014	52.676	1567.000	12943
parus2	-1.446	0.760	47.284	1581.000	2658
airt_us1	-27.760	9.020	8.679	34.320	8084
airt_us2	-28.090	9.240	8.598	32.160	4512
soilt_us1	0.678	10.280	10.212	21.870	2124
soilt_us2	-0.446	10.070	9.842	21.650	2461
vwcl	0.084	0.298	0.300	0.675	2164
vwc2	0.047	0.163	0.158	0.387	2546
parus1_max	0.000	2.048	123.904	5111.000	12943
parus2_max	0.000	1.640	104.360	2708.000	2658
airt_us1_max	-27.680	9.380	8.988	35.000	8084
airt_us2_max	-28.020	9.520	8.873	32.950	4512
soilt_us1_ma	0.720	10.310	10.253	22.010	2124
soilt_us2_ma	-0.443	10.100	9.860	22.090	2461
vwcl_max	0.084	0.298	0.300	0.675	2164
vwc2_max	0.047	0.163	0.158	0.389	2546
parus1_min	-2784.000	0.000	21.880	1046.000	12943
parus2_min	-1022.000	0.000	21.744	1091.000	2658
airt_us1_min	-27.870	8.700	8.386	33.650	8084
airt_us2_min	-28.190	8.950	8.333	31.500	4512
soilt_us1_mi	0.601	10.250	10.182	21.800	2124
soilt_us2_mi	-0.451	10.050	9.825	21.550	2461
vwcl_min	0.084	0.298	0.299	0.675	2164
vwc2_min	0.047	0.162	0.158	0.384	2546

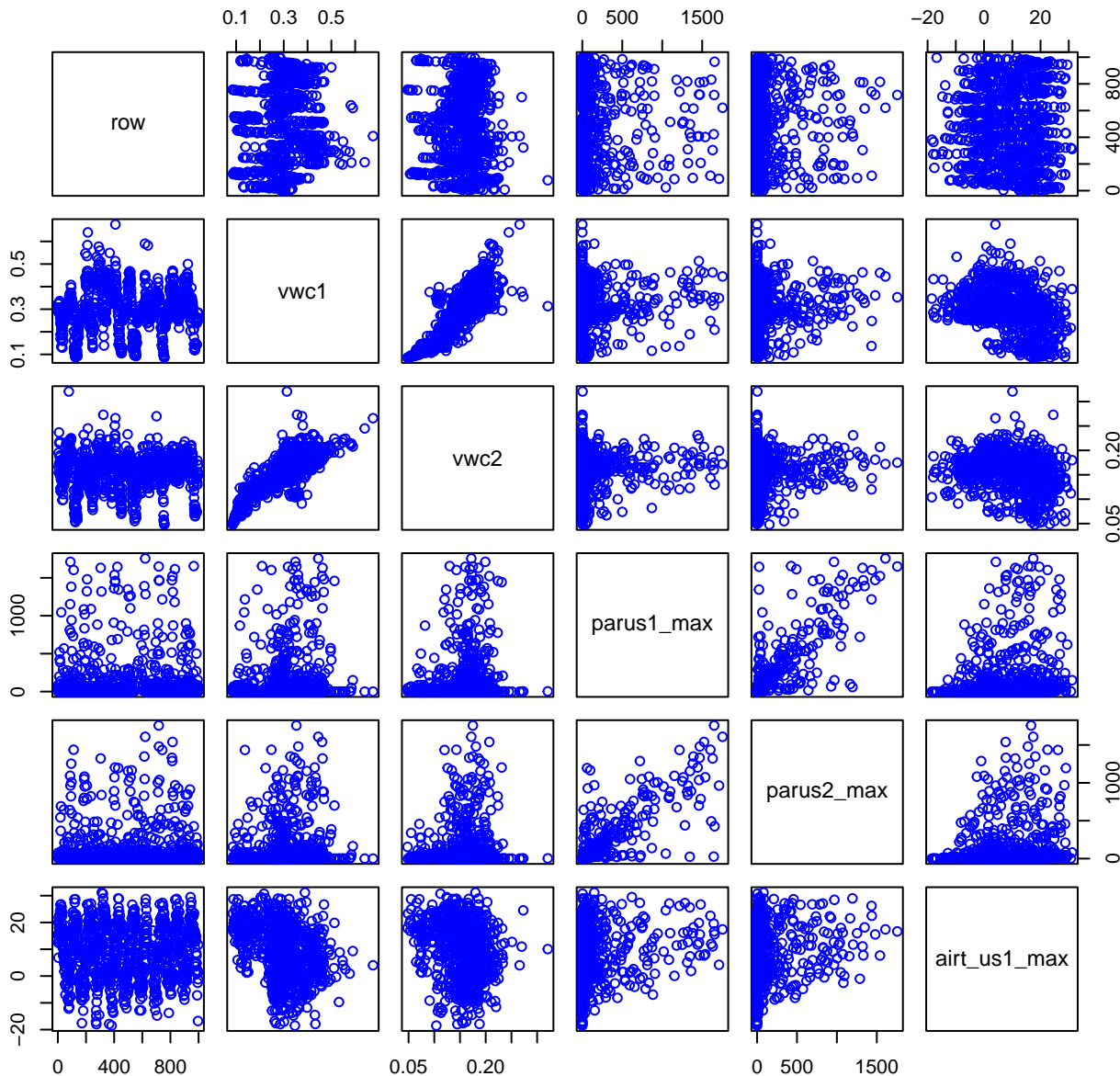
HF282-02 Plot 1



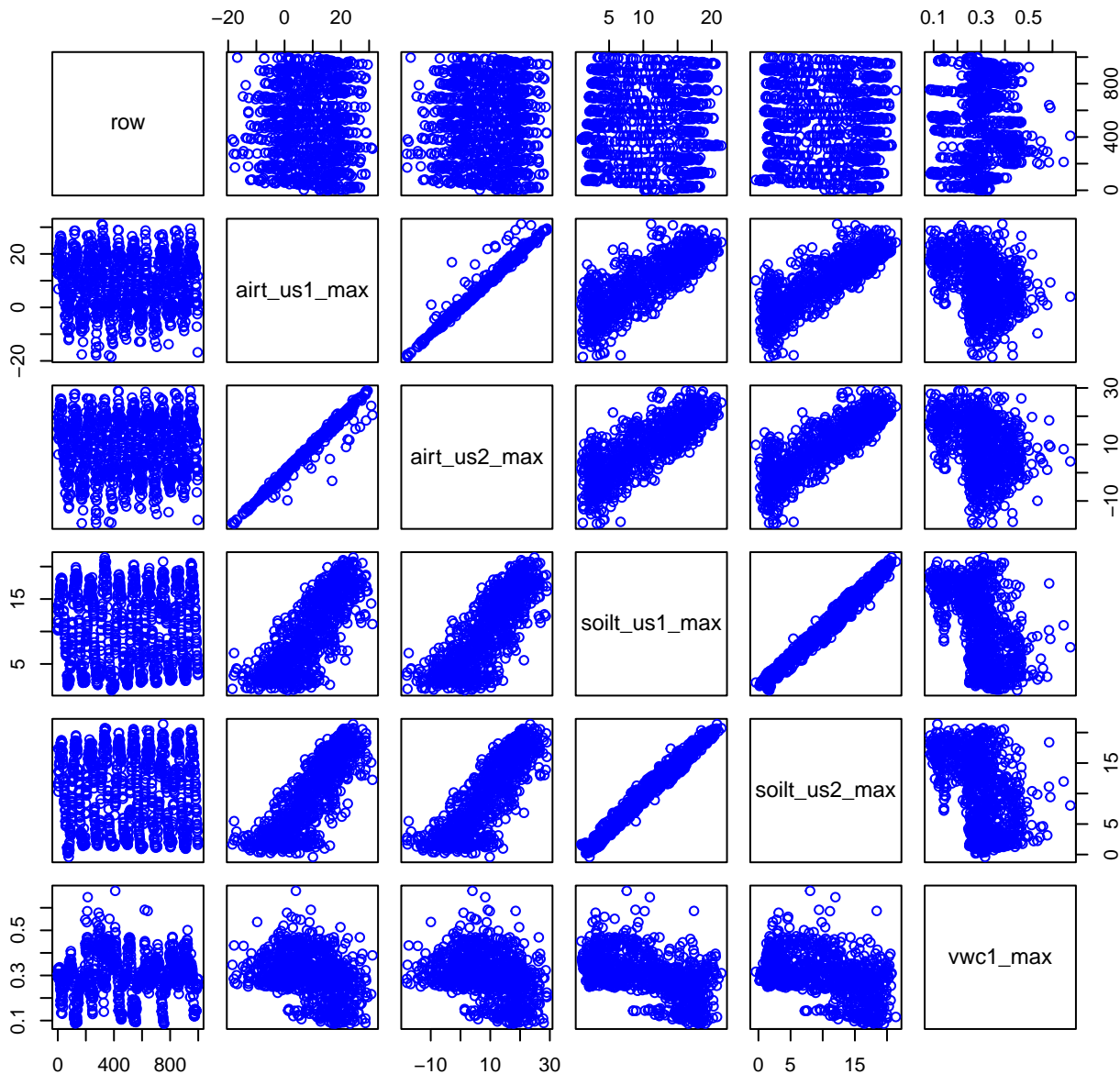
HF282-02 Plot 2



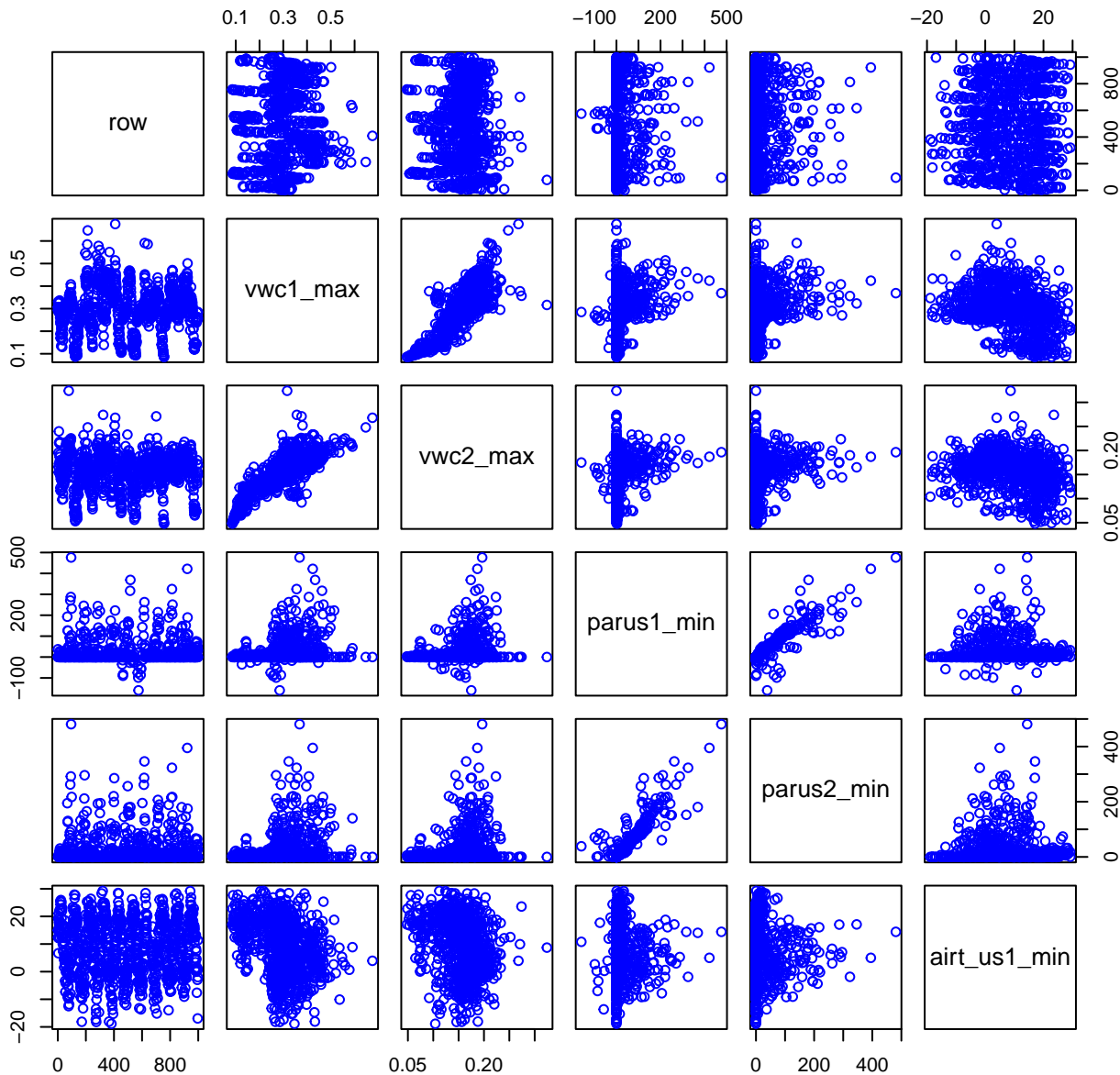
HF282-02 Plot 3



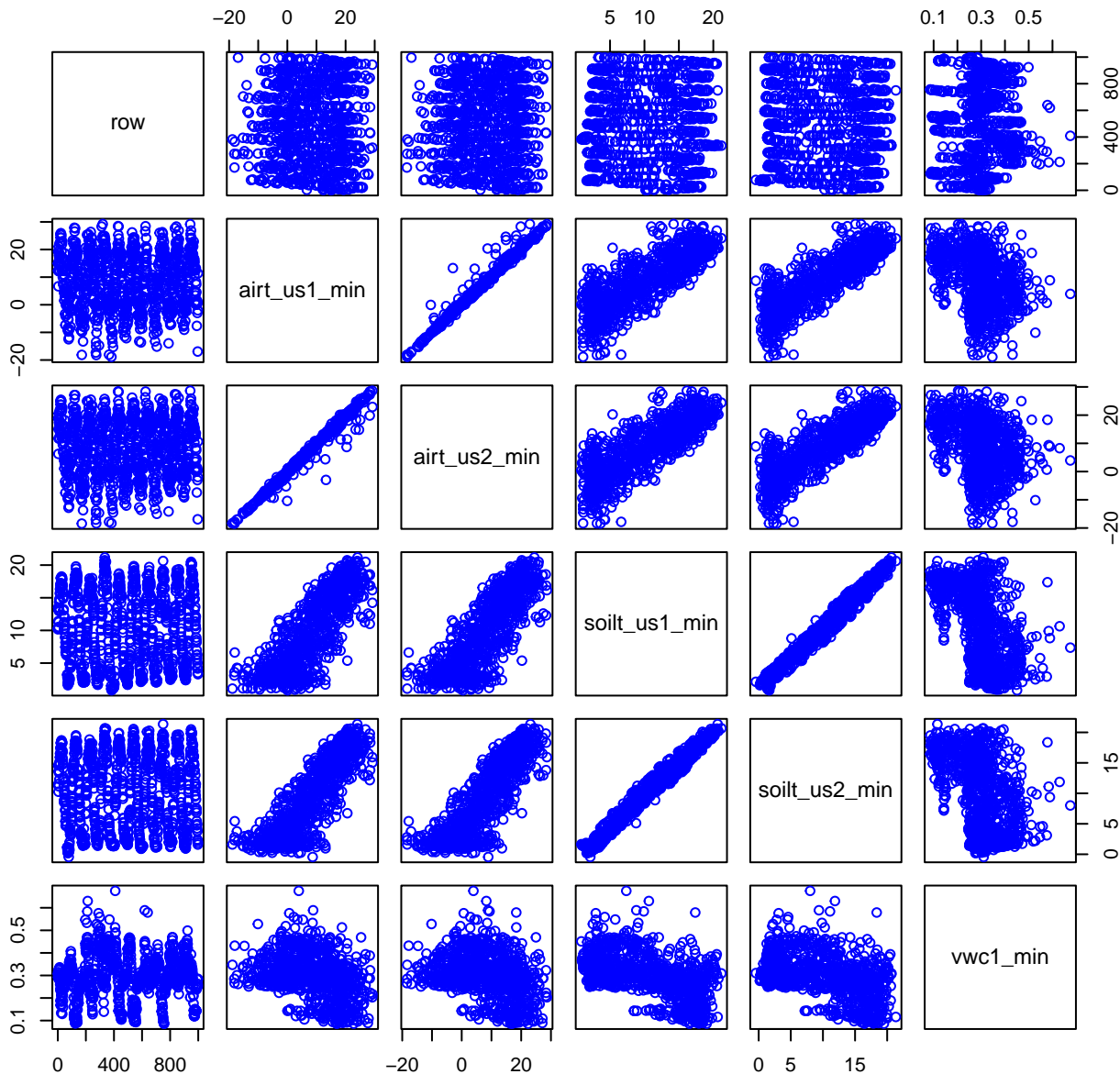
HF282-02 Plot 4



HF282-02 Plot 5



HF282-02 Plot 6



HF282-02 Plot 7

