

Harvard Forest Data Archive HF355-05

Data File:

Name = hf355-05-canopy.csv

Description = canopy photograph data

Rows = 228 Columns = 15

MD5 checksum = bd0618792745b14997af42d07d60f7c4

Variables:

year = year in which the photo was taken

acquisition\_date\_time = date and time that the image was acquired

gap\_fraction = proportion of open pixels, unweighted based on

location (dimensionless)

openness = proportion of open pixels, weighted by location in photo  
(directly above

pixels are weighted more) (dimensionless)

ppfd\_directoverperday\_mj\_m2day = measurement of direct solar  
radiation experienced by the  
canopy (megajoulePerMeterSquaredPerDay)

ppfd\_diffuseoverperday\_mj\_m2day = measurement of direct solar  
radiation experienced by the  
canopy (megajoulePerMeterSquaredPerDay)

ppfd\_totaloverperday\_mj\_m2day = measurement of all solar radiation  
experienced by the  
canopy (megajoulePerMeterSquaredPerDay)

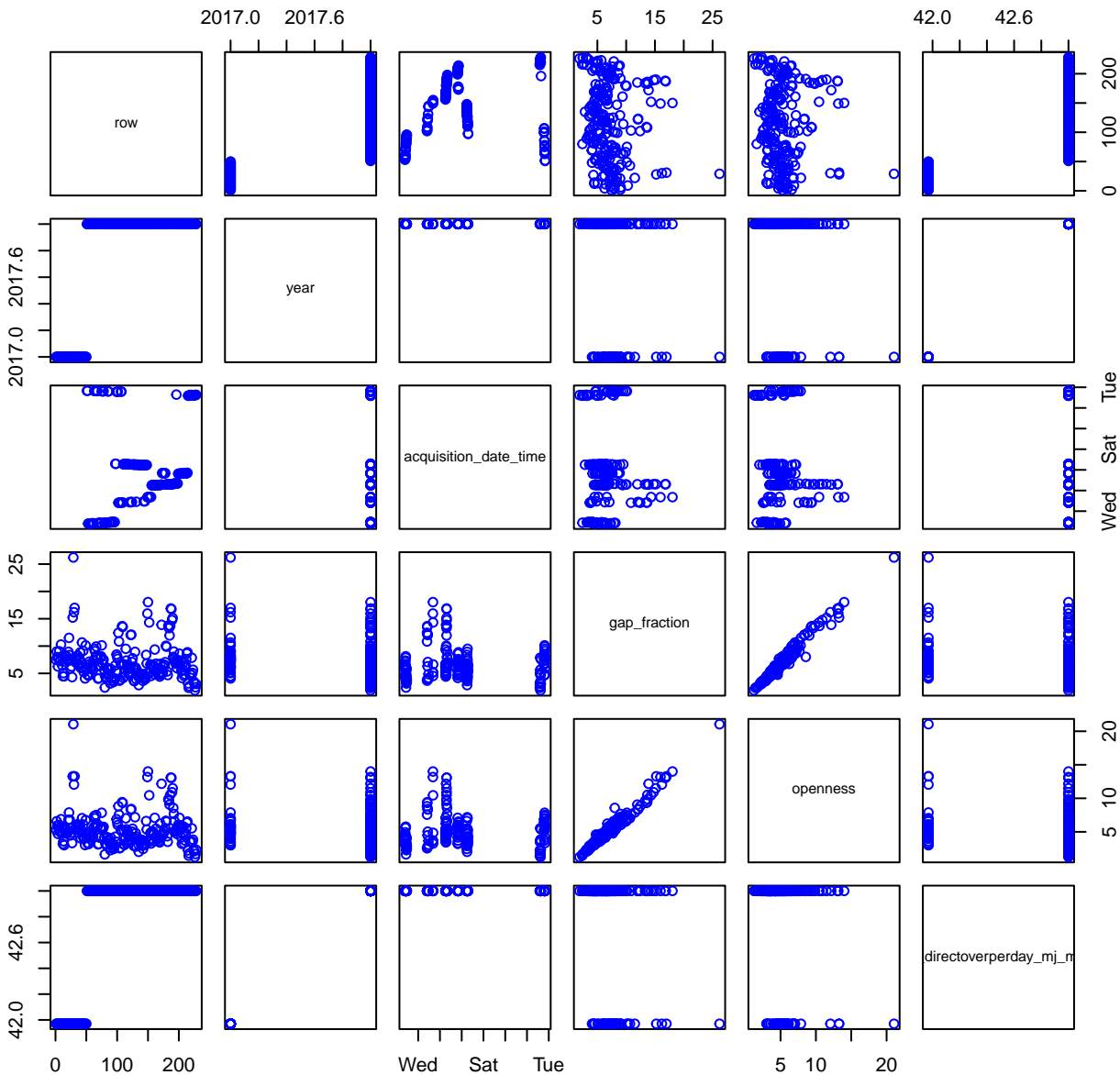
ppfd\_directunderperday\_mj\_m2day = measurement of direct solar  
radiation experienced by the  
plot (megajoulePerMeterSquaredPerDay)

ppfd\_diffuseunderperday\_mj\_m2day = measurement of indirect solar  
radiation experienced by the  
plot (megajoulePerMeterSquaredPerDay)

ppfd\_totalunderperday\_mj\_m2day = measurement of all solar radiation  
experienced by the  
plot (megajoulePerMeterSquaredPerDay)

Variable	Min	Median	Mean	Max	NAs
year	2017.000	2018.000	2017.781	2018.000	0
acquisition_2018-07-17T09:30:22				2018-07-23T19:55:19	50
gap_fraction	1.900	6.440	7.027	26.210	0
openness	1.240	4.775	5.238	21.050	0
ppfd_directo	41.970	43.000	42.774	43.000	0
ppfd_diffuse	6.300	6.450	6.417	6.450	0
ppfd_totalov	48.260	49.450	49.189	49.450	0
ppfd_directu	0.410	2.985	3.194	10.390	0
ppfd_diffuse	0.160	0.480	0.538	1.820	0
ppfd_totalun	0.610	3.500	3.732	11.340	0

# HF355-05 Plot 1



# HF355-05 Plot 2

