

Harvard Forest Data Archive HF452-01

Data File:

Name = hf452-01-tree-traits.csv

Description = tree traits

Rows = 854 Columns = 27

MD5 checksum = a4bfe80691bb803ce0a0806ba402b01f

Variables:

Latitude = latitude (degree)

Longitude = longitude (degree)

Elevation = elevation (meter)

LeafArea = leaf area (centimeterSquared)

FreshMass = fresh leaf mass (gram)

DryMass = dry leaf mass (gram)

StemVolume = stem volume (centimeterCubed)

StemMass = stem mass (gram)

Height = height (meter)

Distance = distance from tree for measuring height (meter)

BottomAngle = bottom angle (degree)

TopAngle = top angle (degree)

BottomM = bottom (meter)

TopM = top (meter)

N = percent foliar nitrogen (dimensionless)

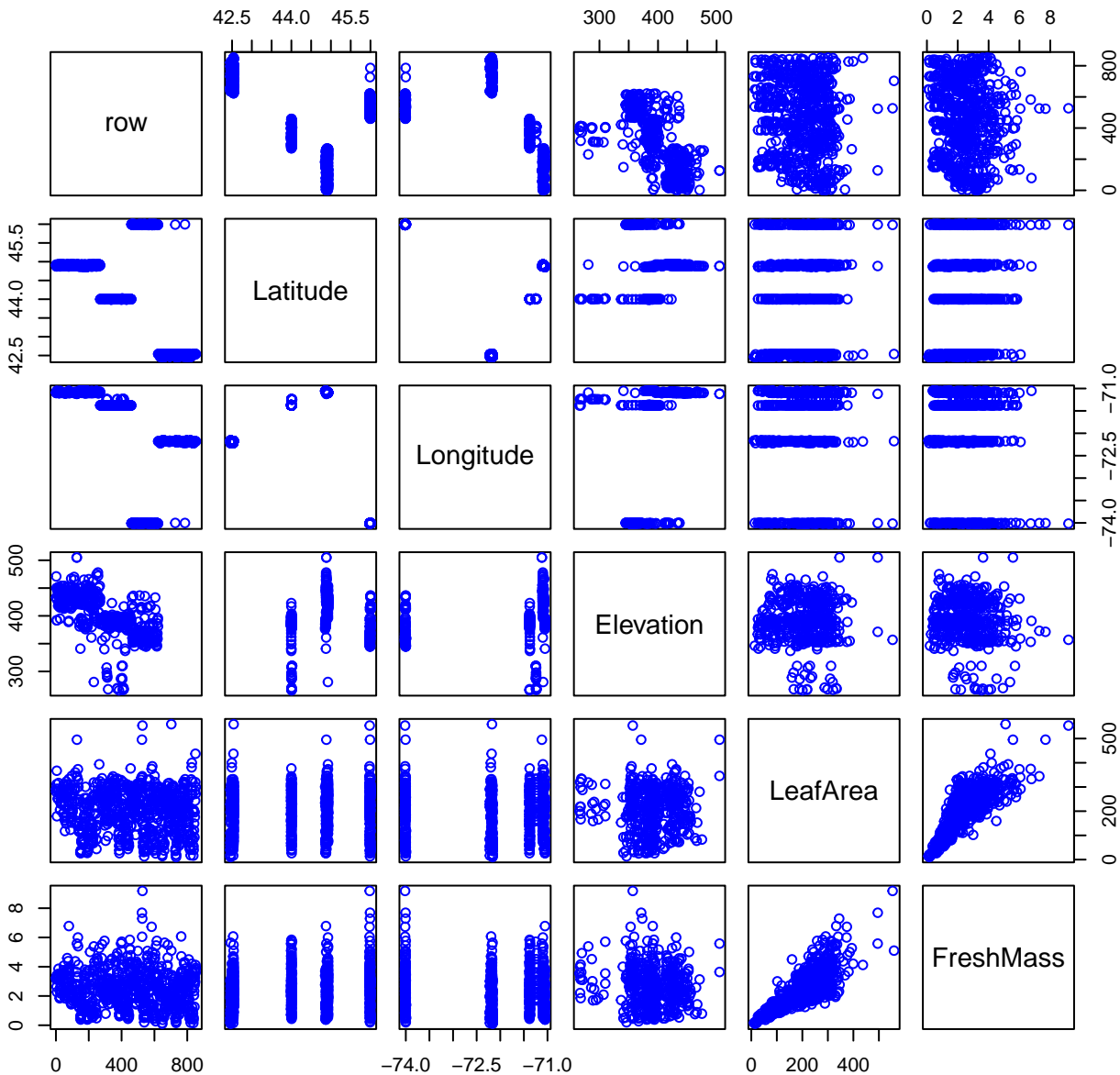
C = percent foliar carbon (dimensionless)

StomatalLength = mean of 5 stomates per image view. There were 1-3 views per individual plant (micrometer)

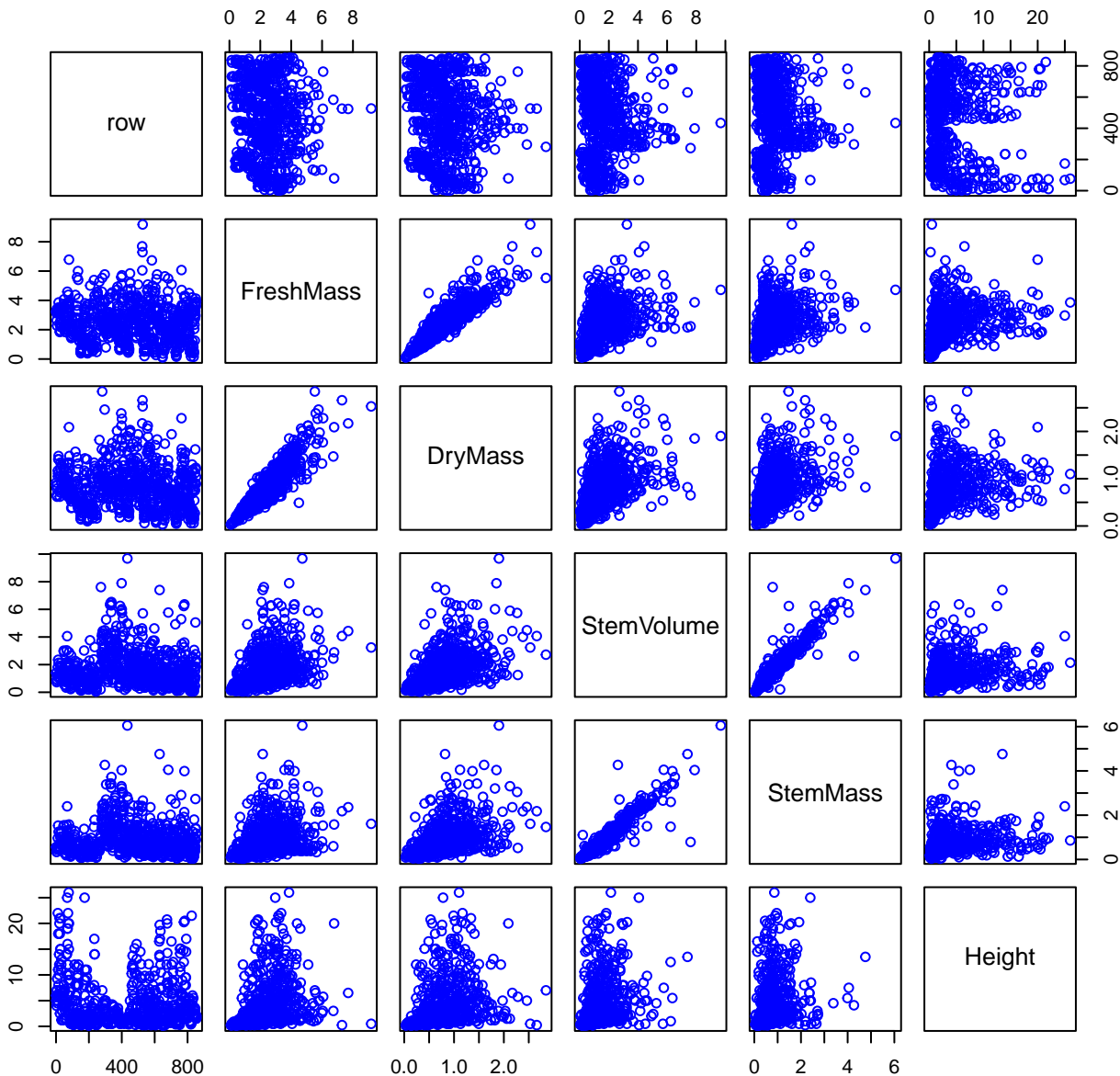
StomatalDensity = mean number of stomata per image view (dimensionless)

Variable	Min	Median	Mean	Max	NAs
Latitude	42.462	44.007	44.211	46.003	103
Longitude	-74.016	-71.379	-71.996	-71.051	103
Elevation	266.000	393.000	395.856	505.000	317
LeafArea	10.513	213.293	202.512	559.233	102
FreshMass	0.100	2.360	2.468	9.180	94
DryMass	0.030	0.770	0.820	2.845	93
StemVolume	0.050	1.310	1.660	9.680	93
StemMass	0.040	0.690	0.892	6.049	93
Height	0.150	2.300	4.287	26.000	148
Distance	1.000	8.300	6.396	21.700	751
BottomAngle	-12.000	-7.000	-7.449	-3.000	805
TopAngle	21.000	46.000	46.551	67.000	805
BottomM	-3.250	-1.250	-0.655	14.000	810
TopM	3.750	9.750	10.829	24.000	816
N	0.873	2.319	2.373	4.891	99
C	16.231	47.377	47.403	97.826	99
StomatalLeng	7.025	17.828	18.668	39.711	415
StomatalDens	17.076	136.604	197.038	799.136	415

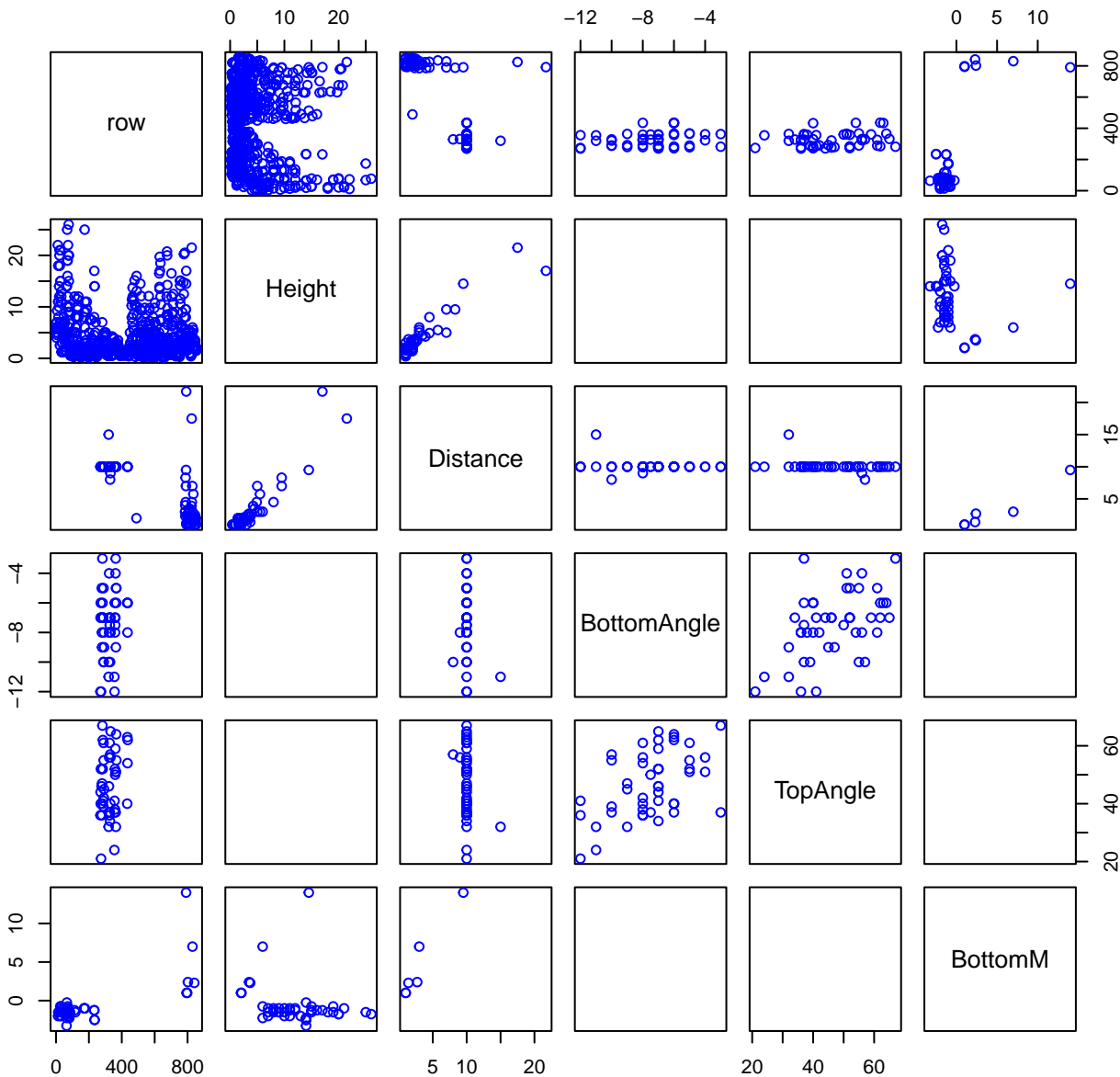
# HF452-01 Plot 1



# HF452-01 Plot 2



# HF452-01 Plot 3



# HF452-01 Plot 4

