

Harvard Forest Data Archive HF147-07

Data File:

Name = hf147-07-ant-sites-1999-2000.csv

Description = ant sites 1999-2000

Rows = 33 Columns = 11

MD5 checksum = 04f6cecab0882083b74d7bb0c0398620

Variables:

latitude = latitude in decimal degrees (converted from GPS
deg-min-sec) (degree)

longitude = longitude in decimal degrees (converted from GPS
deg-min-sec) (degree)

bog.perim = perimeter of bog mat, as digitized from aerial photos
using ArcView 3.2 software (meter)

bog.area = area of bog mat, as digitized from aerial photos using
ArcView 3.2 software (squareMeter)

masl = elevation of bog in meters above sea level (determined from
GPS) (meter)

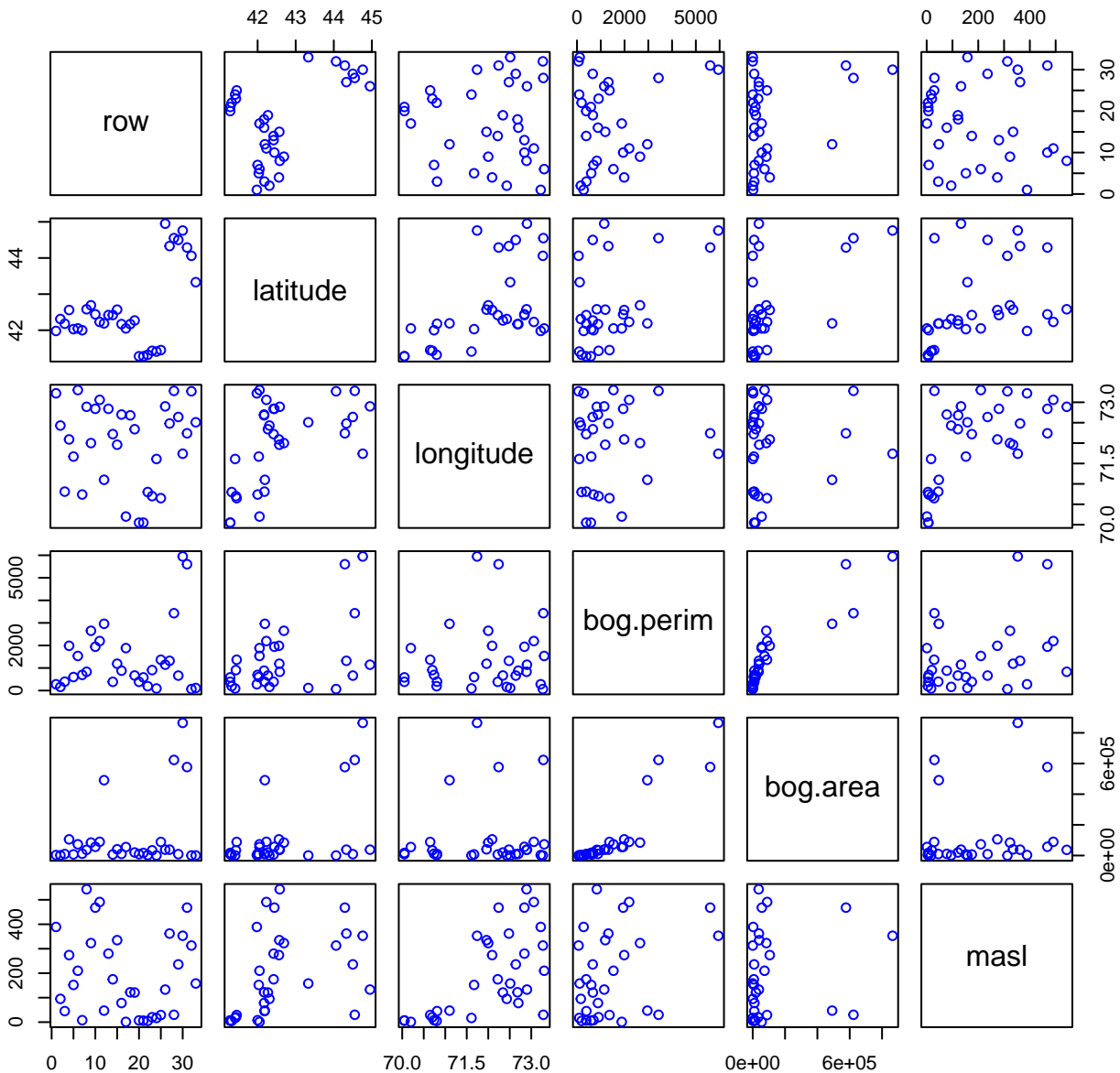
dsf = Direct Site Factor in the surrounding forest. Equals the
proportion of direct solar radiation relative to totally open sky (range 0 -
1). Calculated from hemispherical canopy photographs taken 1 m above
ground level with a Nikon F-3 camera and Nikon 8mm fish-eye lens,
analyzed with HemiView 2.1 software. (dimensionless)

gsf = Global Site Factor in the surrounding forest. Equals the
proportion of direct + indirect solar radiation relative to totally open sky
(range 0 - 1). Calculated from hemispherical canopy photographs taken 1
m above ground level with a Nikon F-3 camera and Nikon 8mm fish-eye
lens, analyzed with HemiView 2.1 software. (dimensionless)

lai = estimated leaf area index (the surface area of leaves per unit
ground area). Units of lai are m² per m². Calculated from hemispherical
canopy photographs taken 1 m above ground level with a Nikon F-3 camera
and Nikon 8mm fish-eye lens, analyzed with HemiView 2.1 software.
(meterSquaredPerMeterSquared)

Variable	Min	Median	Mean	Max	NAs
latitude	41.280	42.270	42.614	44.950	0
longitude	70.050	72.240	72.000	73.300	0
bog.perim	66.000	882.000	1388.806	5947.000	2
bog.area	248.000	33738.000	109783.419	864970.000	2
masl	1.000	152.000	190.727	543.000	0
dsf	0.043	0.066	0.088	0.215	11
gsf	0.049	0.071	0.090	0.219	11
lai	1.587	3.276	3.415	5.368	11

HF147-07 Plot 1



HF147-07 Plot 2

