

Harvard Forest Data Archive HF216-01

Data File:

Name = hf216-01-greenhouse-data.csv  
Description = Calystegia spithamea greenhouse data  
Rows = 56 Columns = 35  
MD5 checksum = 4b0e33ad965dcc10527f5a345ea0c8ed

Variables:

height.0531 = total stem length of all ramets, measured on 31 May  
2013 (centimeter)  
leaves.0531 = total number of leaves on all ramets, measured on 31  
May  
2013 (number)  
damage.0531 = number of leaves exhibiting damage by herbivores on 31  
May  
2013 (number)  
leaf.len.0531 = length of one mature, fully expanded leaf, measured  
on 31 May  
2013 (centimeter)  
height.0615 = total stem length of all ramets, measured on 15 June  
2013 (centimeter)  
ramets.0615 = number of new ramets or branches appearing on each  
plant since planting,  
as of 15 June 2013 (number)  
leaves.0615 = total number of leaves on all ramets, measured on 15  
June  
2013 (number)  
damage.0615 = number of leaves exhibiting damage by herbivores on 15  
June  
2013 (number)  
leaf.len.0615 = length of one mature, fully expanded leaf, measured  
on 15 June  
2013 (centimeter)  
reprod.0615 = number of flowers appearing on each ramet as of 15  
June  
2013 (number)  
height.0630 = total stem length of all ramets, measured on 30 June  
2013 (centimeter)  
ramets.0630 = number of new ramets or branches appearing on each  
plant since planting,  
as of 30 June 2013 (number)  
leaves.0630 = total number of leaves on all ramets, measured on 30  
June  
2013 (number)  
damage.0630 = number of leaves exhibiting damage by herbivores on 30  
June  
2013 (number)  
leaf.len.0630 = length of one mature, fully expanded leaf, measured  
on 30 June  
2013 (centimeter)  
reprod.0630 = number of flowers appearing on each ramet as of 15  
June  
2013 (number)  
rel.grow.0630 = relative growth rate from 15 June to 30 June,  
calculated as [total stem  
length (30 June) - total stem length (15  
June)]/[total stem length (15 June) × 15  
days] (dimensionless)  
rel.lvs.0630 = relative increase in leaves from 15 June to 30 June,  
calculated as: [total  
number of leaves (30 June) - total number of leaves  
(15 June)]/[15 days] (dimensionless)  
height.0728 = total stem length of all ramets, measured on 28 July  
2013 (meter)

ramets.0728 = number of new ramets or branches appearing on each  
plant since planting,  
as of 28 July 2013 (number)

leaves.0728 = total number of leaves on all ramets, measured on 28  
July  
2013 (number)

leaf.area.a = leaf area of first sample leaf of a given ramet  
measured on 28 July  
2013 (squareCentimeters)

leaf.area.b = leaf area of second sample leaf of a given ramet  
measured on 28 July  
2013 (squareCentimeters)

leaf.area.c = leaf area of third sample leaf of a given ramet  
measured on 28 July  
2013 (squareCentimeters)

leaf.mass.a = dry mass of first sample leaf of a given ramet  
measured on 28 July  
2013 (gram)

leaf.mass.b = dry mass of second sample leaf of a given ramet  
measured on 28 July  
2013 (gram)

leaf.mass.c = dry mass of third sample leaf of a given ramet  
measured on 28 July  
2013 (gram)

rel.grow.0728 = relative growth rate from 30 June to 28 July,  
calculated as [total stem  
length (28 July) - total stem length (30  
June)]/[total stem length (30 June) × 28  
days] (dimensionless)

rel.lvs.0728 = relative increase in leaves from 30 June to 28 July,  
calculated as: [total  
number of leaves (28 July) - total number of leaves  
(30 June)]/[28 days] (dimensionless)

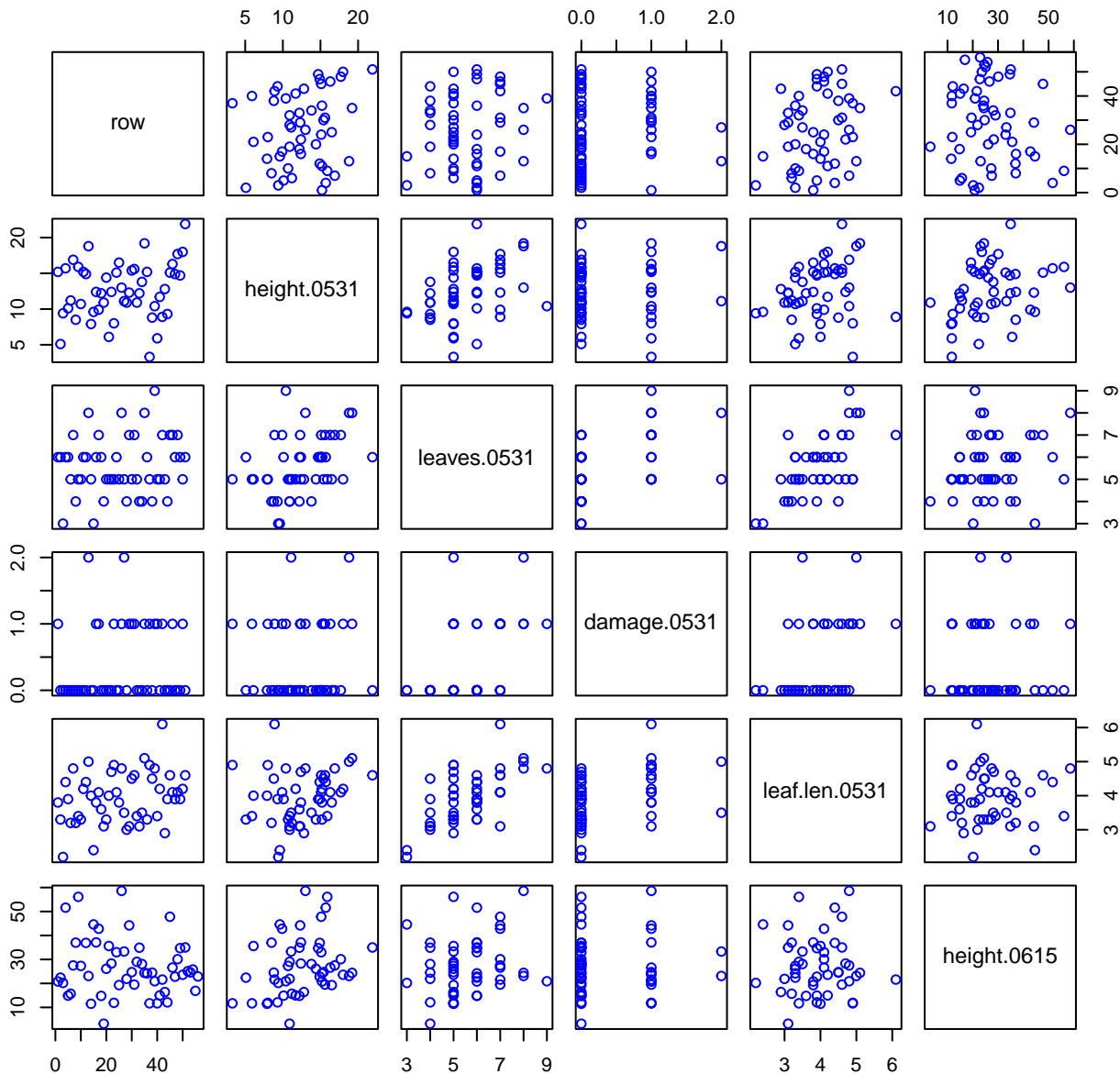
sla.a = specific leaf area of first leaf sample of a given ramet,  
calculated from  
leaf area and leaf dry mass (squareMeterPerKilogram)

sla.b = specific leaf area of second leaf sample of a given ramet,  
calculated from  
leaf area and leaf dry mass (squareMeterPerKilogram)

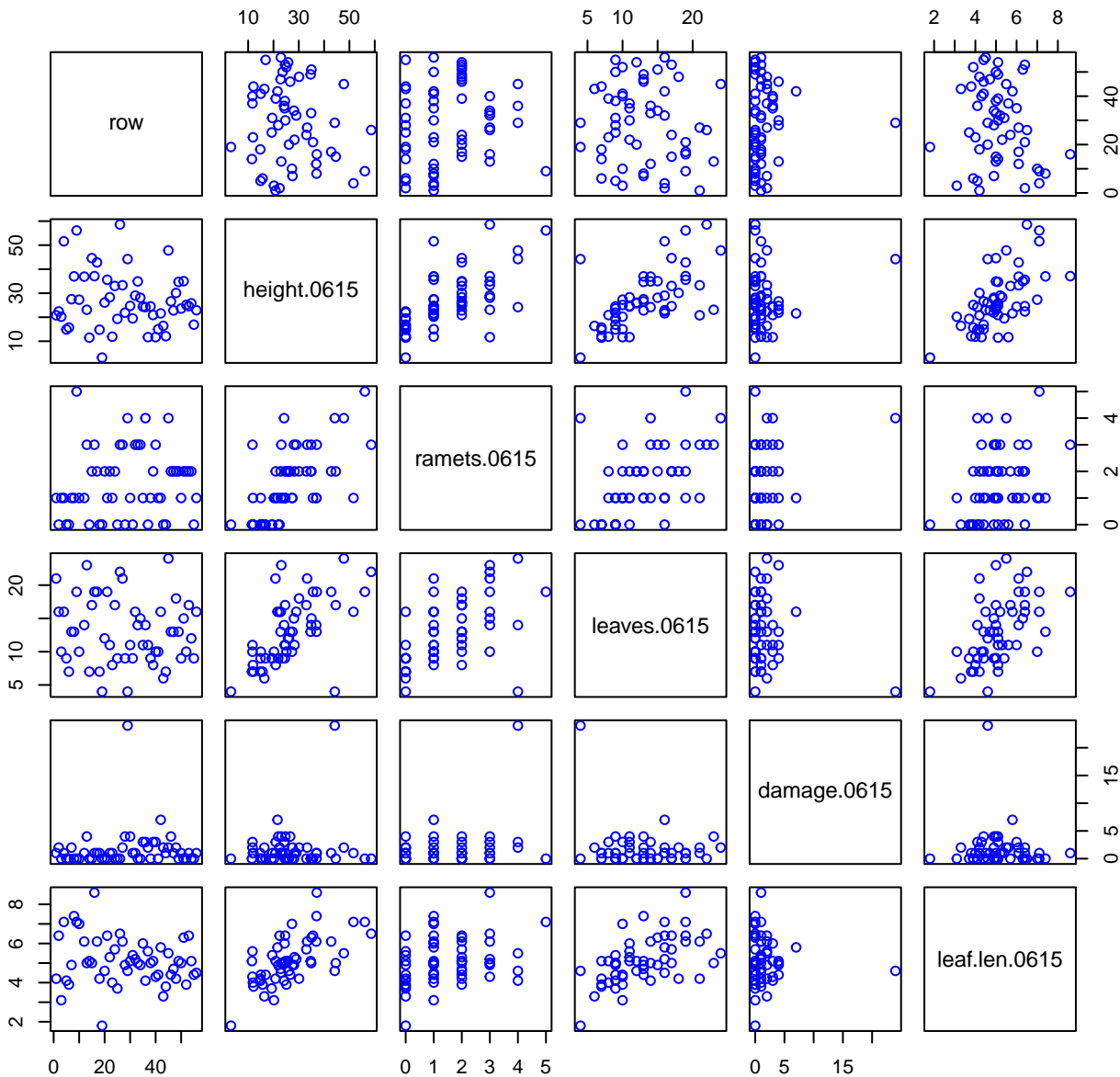
sla.c = specific leaf area of third leaf sample of a given ramet,  
calculated from  
leaf area and leaf dry mass (squareMeterPerKilogram)

Variable	Min	Median	Mean	Max	NAs
height.0531	3.300	12.400	12.594	21.900	5
leaves.0531	3.000	5.000	5.608	9.000	5
damage.0531	0.000	0.000	0.373	2.000	5
leaf.len.053	2.200	3.900	3.939	6.100	5
height.0615	3.200	24.600	26.805	58.600	1
ramets.0615	0.000	1.000	1.545	5.000	1
leaves.0615	4.000	13.000	12.945	24.000	1
damage.0615	0.000	1.000	1.600	24.000	1
leaf.len.061	1.800	5.000	5.116	8.600	1
reprod.0615	0.000	0.000	0.109	2.000	1
height.0630	18.100	57.800	66.813	147.800	3
ramets.0630	0.000	3.000	2.868	7.000	3
leaves.0630	5.000	29.000	30.208	54.000	3
damage.0630	0.000	0.000	0.792	5.000	3
leaf.len.063	3.500	5.900	6.192	9.300	3
reprod.0630	0.000	0.000	0.000	0.000	3
rel.grow.063	-0.067	0.092	0.108	0.377	2
rel.lvs.0630	-0.067	1.000	1.140	2.867	2
height.0728	18.500	186.000	207.042	744.200	3
ramets.0728	0.000	4.000	5.604	18.000	3
leaves.0728	9.000	54.000	61.340	168.000	3
leaf.area.a	3.980	10.950	12.400	35.490	3
leaf.area.b	4.620	10.800	11.760	26.570	3
leaf.area.c	3.130	10.380	11.060	21.010	3
leaf.mass.a	0.014	0.032	0.036	0.111	3
leaf.mass.b	0.015	0.028	0.033	0.075	3
leaf.mass.c	0.009	0.029	0.031	0.068	3
rel.grow.072	-0.021	0.072	0.083	0.422	3
rel.lvs.0728	-0.964	0.929	1.112	4.643	3
sla.a	22.420	33.750	36.232	66.944	3
sla.b	22.593	35.128	37.284	66.227	3
sla.c	23.214	34.000	37.060	64.105	3

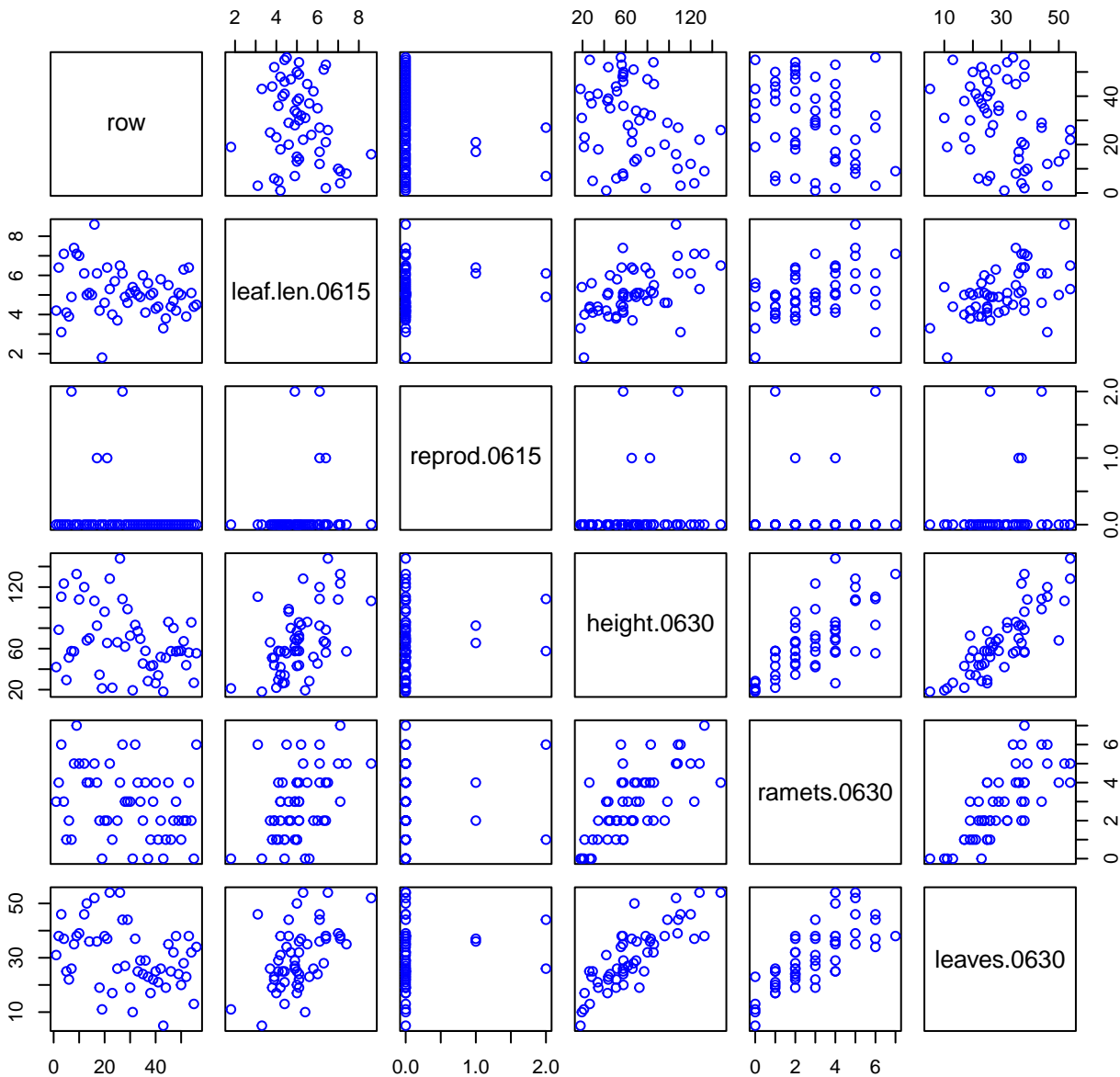
# HF216-01 Plot 1



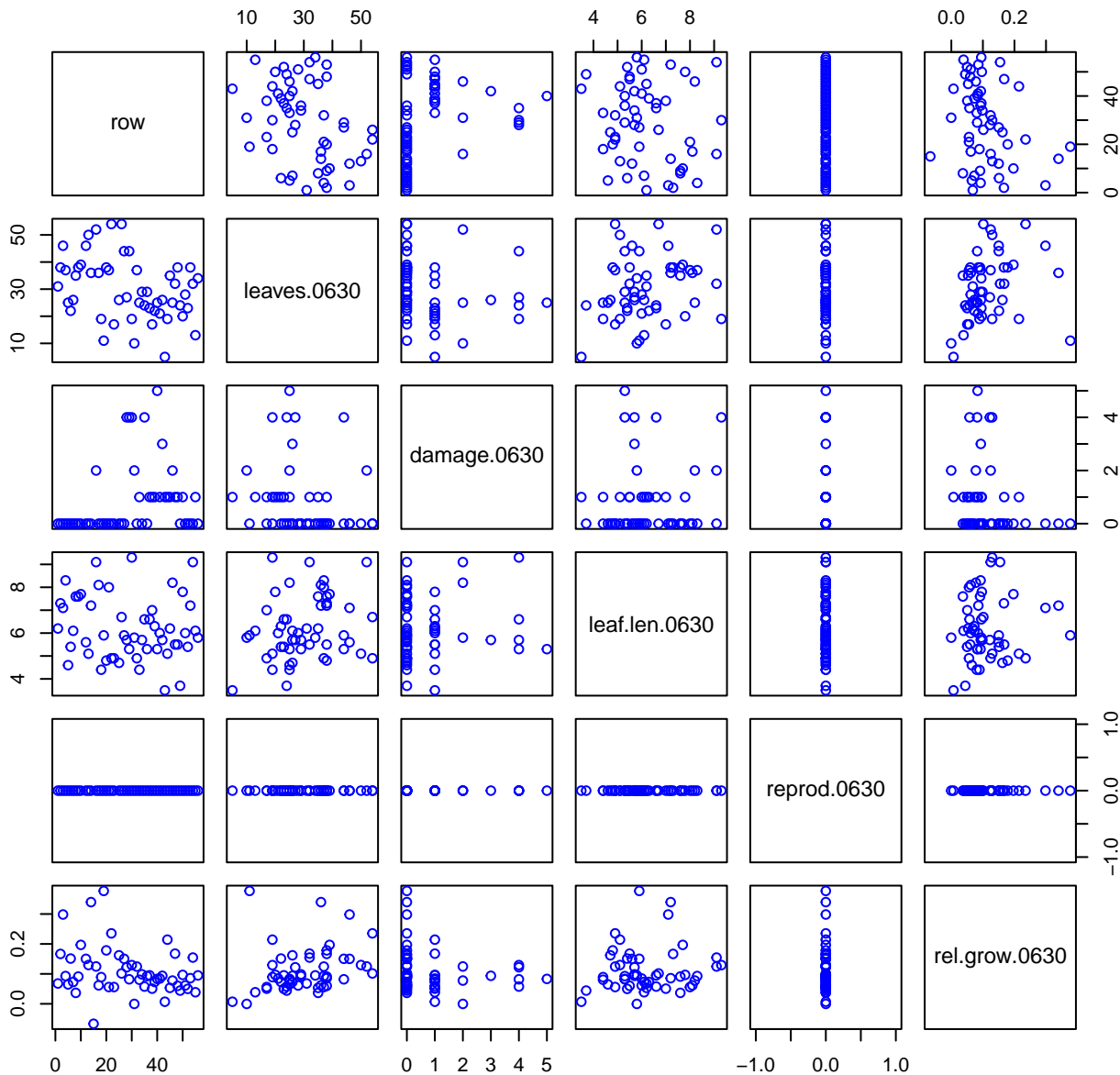
# HF216-01 Plot 2



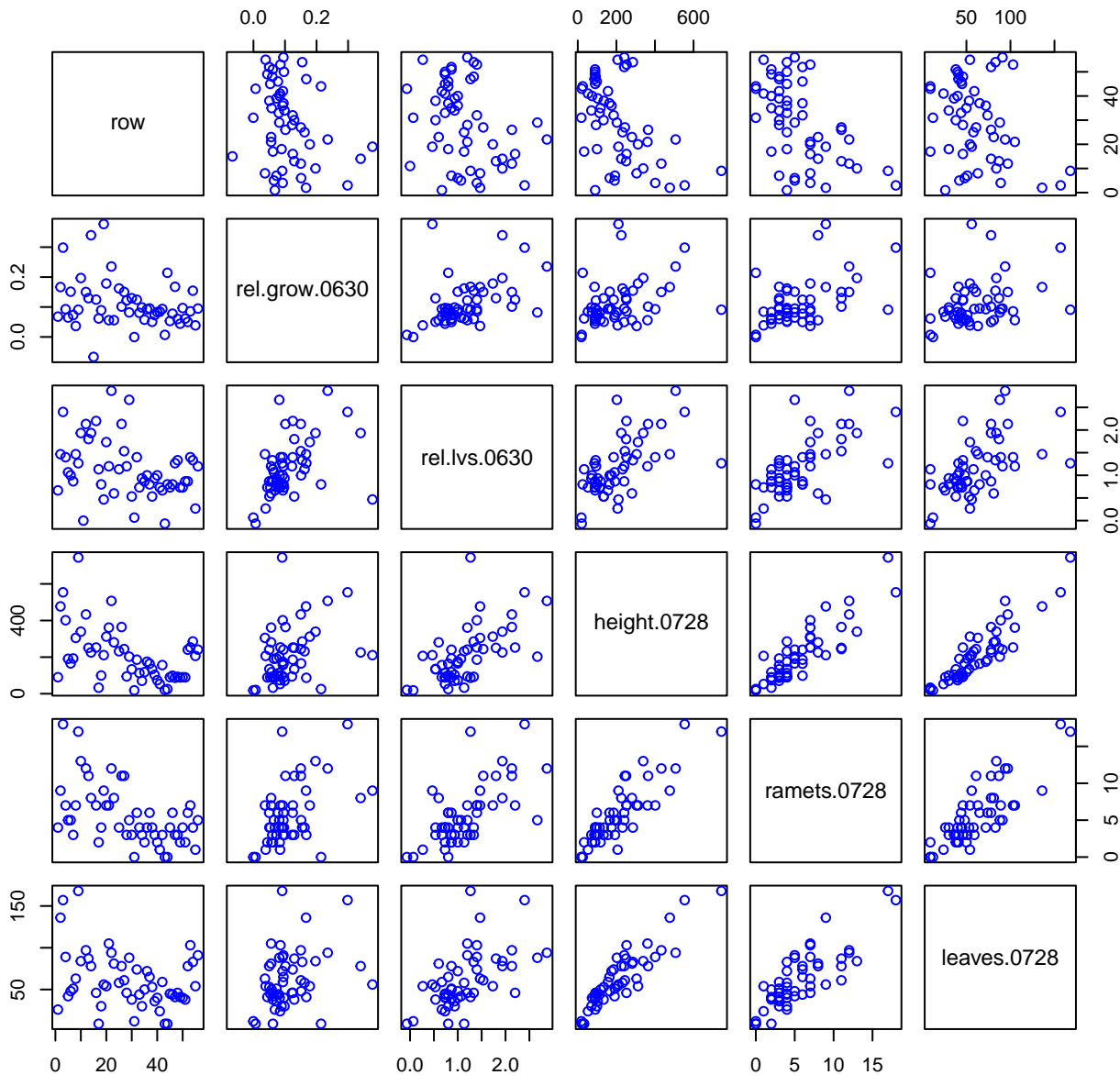
# HF216-01 Plot 3



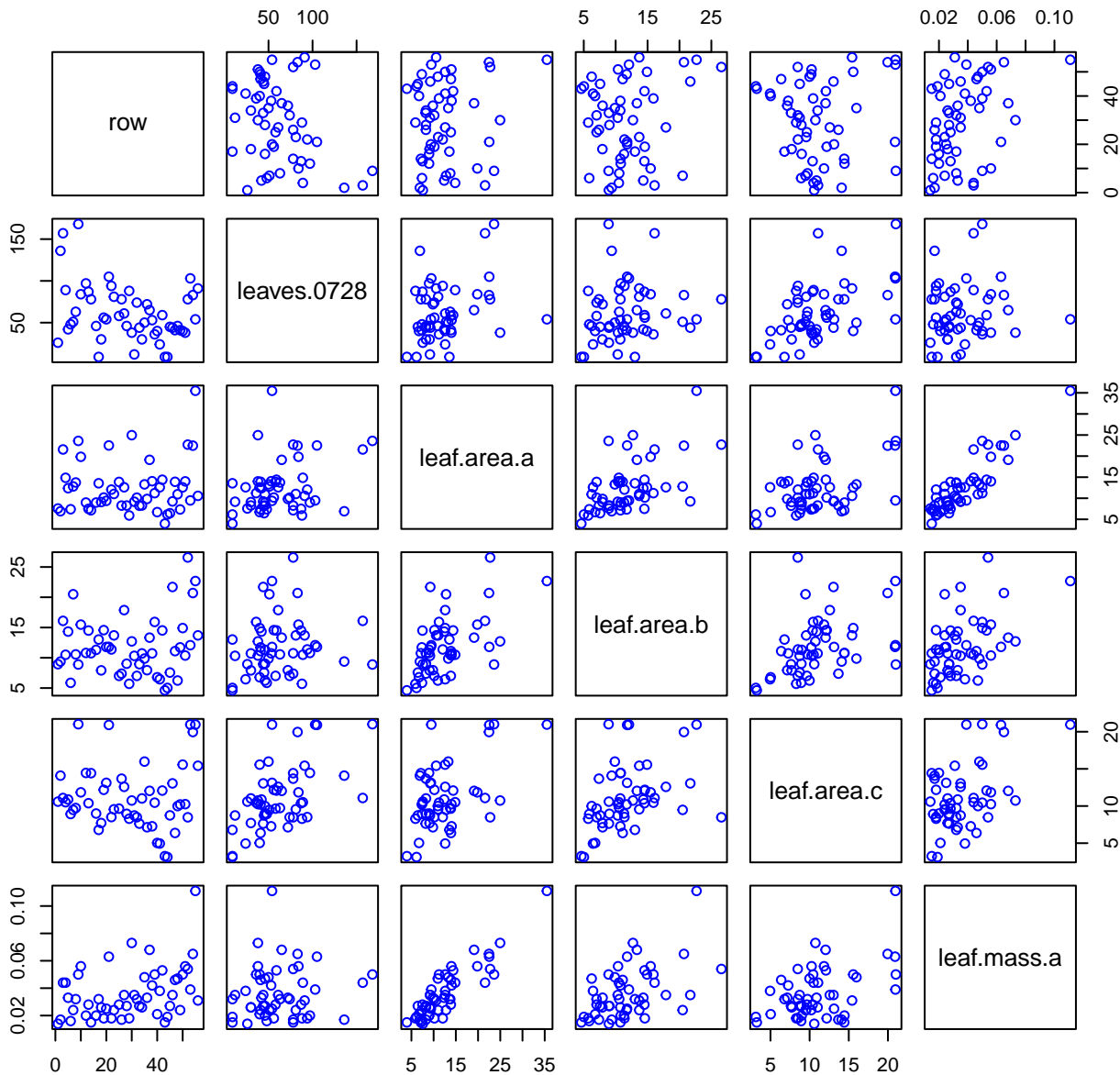
# HF216-01 Plot 4



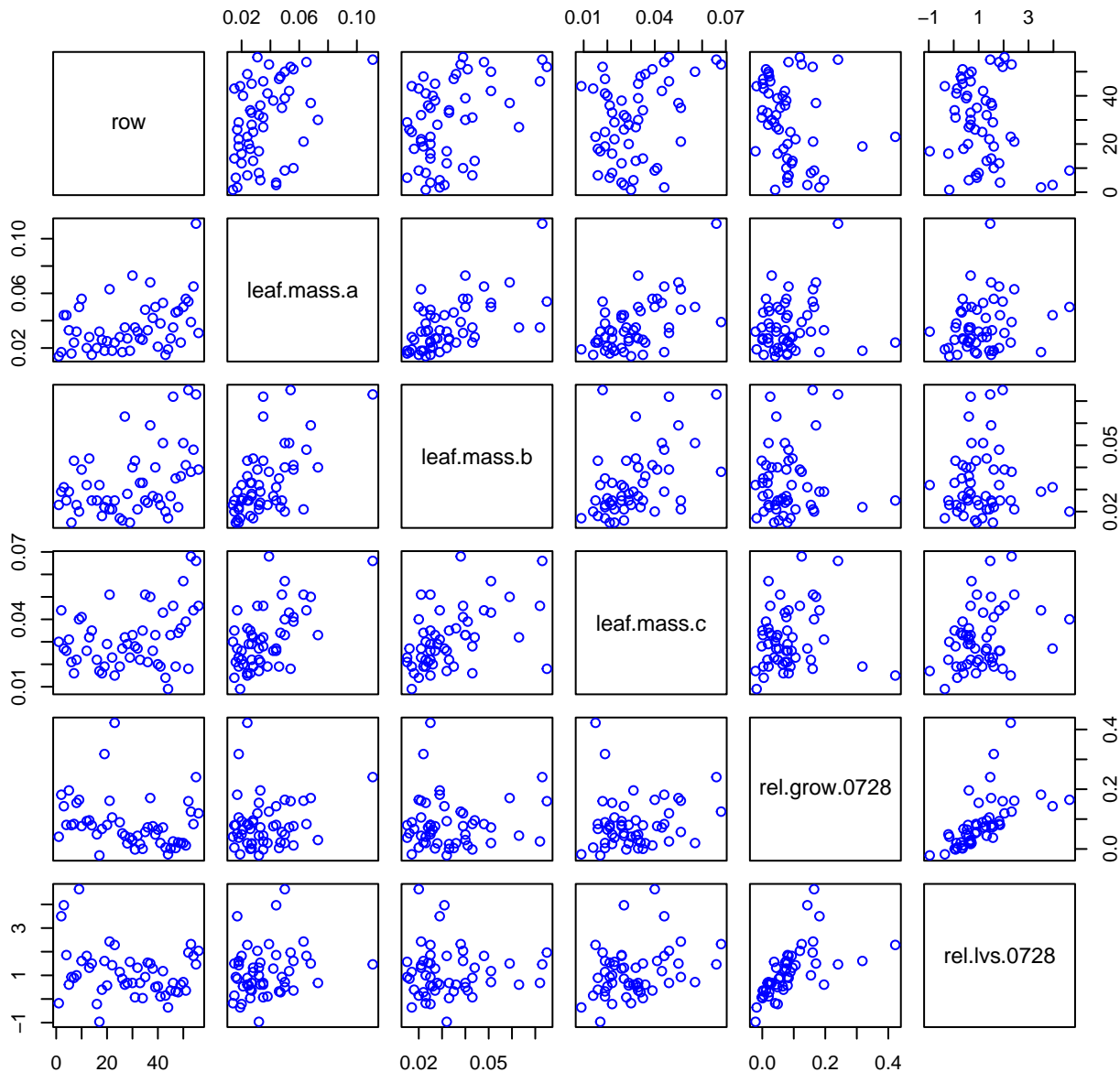
# HF216-01 Plot 5



# HF216-01 Plot 6



# HF216-01 Plot 7



# HF216-01 Plot 8

