

Harvard Forest Data Archive HF002-09

Data File:

Name = hf002-09-herbs.csv
Description = herbs
Rows = 864 Columns = 79
MD5 checksum = 12fcf43de7984d4d7f390e081f0c7a60

Variables:

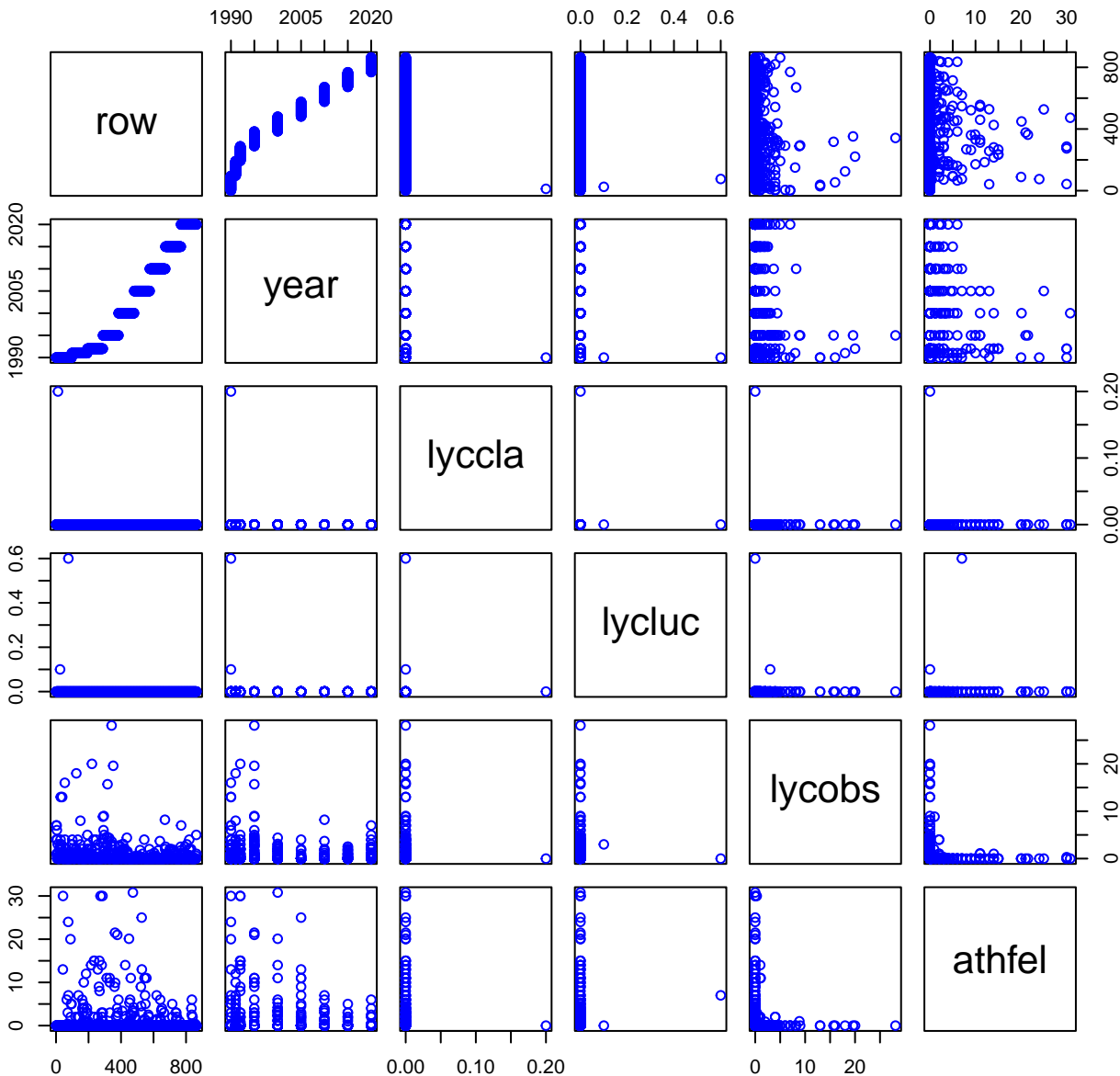
year = year of measurement
lyccla = Lycopodium clavatum cover (dimensionless)
lycluc = Lycopodium lucidulum cover (dimensionless)
lycobs = Lycopodium obscurum cover (dimensionless)
athfel = Athyrium felix-femina cover (dimensionless)
denpun = Dennstaedtia punctilobula cover (dimensionless)
dryspi = Dryopteris spinulosa (intermedia and carthusiana) cover
(dimensionless)
onosen = Onoclea sensibilis cover (dimensionless)
osmcin = Osmunda cinnamomea cover (dimensionless)
osmcla = Osmunda claytoniana cover (dimensionless)
ptraqu = Pteridium aquilinum cover (dimensionless)
thenov = Thelypteris nova-boracensis cover (dimensionless)
thepal = Thelypteris palustris cover (dimensionless)
ampbra = Amphicarpa bracteata cover (dimensionless)
anequi = Anemone quinquefolia cover (dimensionless)
apoand = Apocynum androsaemifolium cover (dimensionless)
aranud = Aralia nudicaulis cover (dimensionless)
ariatr = Arisaema atrorubens cover (dimensionless)
astacu = Aster acuminatus cover (dimensionless)
astdiv = Aster divaricatus cover (dimensionless)
aqucan = Aquilegia canadensis cover (dimensionless)
ciralt = Cirsium sp. cover (dimensionless)
clibor = Clintonia borealis cover (dimensionless)
epispe = Epilobium sp.(coloratum/ciliatum) cover (dimensionless)
erehie = Erechites hieracifolia cover (dimensionless)
eupspe = Eupatorium sp. cover (dimensionless)
goopub = Goodyera pubescens cover (dimensionless)
houcae = Houstonia caerulea cover (dimensionless)
hydame = Hydrocotyle americana cover (dimensionless)
hyppun = Hypericum punctatum cover (dimensionless)
lobinf = Lobelia inflata cover (dimensionless)
lysqua = Lysimachia quadrifolia cover (dimensionless)
maican = Maianthemum canadense cover (dimensionless)
medvir = Medeola virginiana cover (dimensionless)
monuni = Monotropa uniflora cover (dimensionless)
polpub = Polygonatum pubescens cover (dimensionless)
potsim = Potentilla simplex cover (dimensionless)
prespe = Prenanthes sp. cover (dimensionless)
smirac = Smilacina racemosa cover (dimensionless)

solcae = *Solidago caesia* cover (dimensionless)
solrug = *Solidago rugosa* cover (dimensionless)
tribor = *Trientalis borealis* cover (dimensionless)
uvuses = *Uvularia sessilifolia* cover (dimensionless)
viobla = *Viola blanda* cover (dimensionless)
viospe = *Viola* sp. cover (dimensionless)
luzmul = *Luzula multiflora* cover (dimensionless)
juneff = *Juncus effusus* cover (dimensionless)
braere = *Brachyelytrum erectum* cover (dimensionless)
agrspe = *Agrostis* sp. cover (dimensionless)
danspi = *Danthonia spicata* cover (dimensionless)
fesrub = *Festuca rubra* cover (dimensionless)
carspe = cover for all *Carex* species (dimensionless)
unkhrb = unknown herb cover (dimensionless)
unkgra = unknown graminoid cover (dimensionless)
unkfer = unknown fern cover (dimensionless)
leaf = litter cover (dimensionless)
soil = bare (exposed) soil on flat ground (dimensionless)
pit = bare soil in pit (dimensionless)
mound = combines vertical intact ground on mound top, disturbed soil
on mound (dimensionless)
rock = exposed rocks/stones (dimensionless)
wood = woody debris cover class (large downed boles, stumps, other
woody fragments) (dimensionless)
treebase = base of standing live tree in plot cover (dimensionless)
seedling = total cover seedlings less than 0.3 m tall
(dimensionless)
shrubslo = total cover of shrubs less than 1m in height
(dimensionless)
moss = total bryophyte (moss and liverwort) cover (dimensionless)
clubmoss = total lycopod (clubmoss) cover. Sum of each lycopod
species cover. (dimensionless)
fern = total fern cover. Sum of each fernspecies cover.
(dimensionless)
herb = total herb cover. Sum of each herb species cover.
(dimensionless)
gram = total graminoid cover (grass, sedge, rush). Sum of each
graminoid species cover (dimensionless)

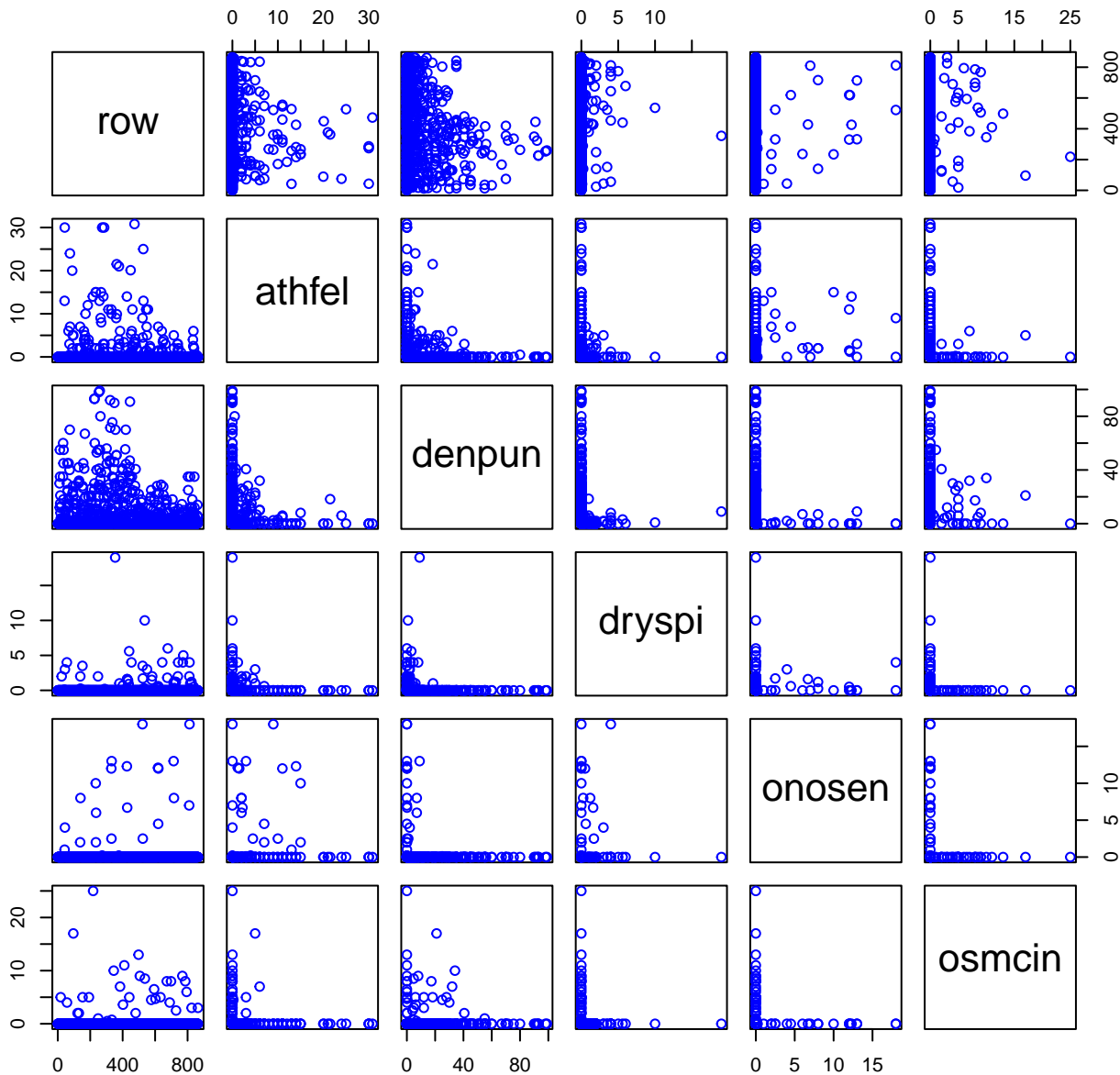
Variable	Min	Median	Mean	Max	NAs
year	1990.000	2000.000	2002.000	2020.000	0
lyccla	0.000	0.000	0.000	0.200	0
lycluc	0.000	0.000	0.001	0.600	0
lycobs	0.000	0.000	0.576	28.100	0
athfel	0.000	0.000	0.885	30.800	0
denpun	0.000	0.200	7.843	99.000	0
dryspi	0.000	0.000	0.137	19.000	0
onosen	0.000	0.000	0.203	18.000	0
osmcin	0.000	0.000	0.241	25.000	0
osmcla	0.000	0.000	4.043	90.000	0
ptraqu	0.000	0.000	0.089	22.000	0
thenov	0.000	0.000	0.816	70.000	0
thepal	0.000	0.000	0.012	10.000	0
ampbra	0.000	0.000	0.108	32.000	0
anequi	0.000	0.000	0.000	0.100	0
apoand	0.000	0.000	0.011	4.600	0
aranud	0.000	2.950	5.719	75.000	0
ariatr	0.000	0.000	0.027	5.000	0
astacu	0.000	0.000	0.324	32.300	0
astdiv	0.000	0.000	0.308	14.000	0
agucan	0.000	0.000	0.000	0.100	0
ciralt	0.000	0.000	0.001	0.520	0
clibor	0.000	0.000	0.231	62.000	0
epispe	0.000	0.000	0.003	2.700	0
erehie	0.000	0.000	0.000	0.100	0
eupspe	0.000	0.000	0.000	0.200	0
goopub	0.000	0.000	0.002	0.500	0
houcae	0.000	0.000	0.000	0.040	0
hydame	0.000	0.000	0.001	0.400	0
hyppun	0.000	0.000	0.000	0.020	0
lobinf	0.000	0.000	0.059	18.400	0
lysqua	0.000	0.000	0.009	2.400	0
maican	0.000	1.000	2.267	20.950	0
medvir	0.000	0.000	0.203	13.000	0
monuni	0.000	0.000	0.005	1.000	0
polpub	0.000	0.000	0.015	10.000	0
potsim	0.000	0.000	0.005	2.800	0
prespe	0.000	0.000	0.011	1.000	0
smirac	0.000	0.000	0.219	10.000	0
solcae	0.000	0.000	0.005	2.400	0
solrug	0.000	0.000	0.018	4.500	0
tribor	0.000	0.200	0.581	10.300	0
uvuses	0.000	0.000	0.483	25.000	0
viobla	0.000	0.000	0.004	2.600	0
viospe	0.000	0.000	0.000	0.100	0
luzmul	0.000	0.000	0.005	1.600	0
juneff	0.000	0.000	0.000	0.300	0
braere	0.000	0.000	0.038	4.000	0
agrspe	0.000	0.000	0.000	0.100	0

Variable	Min	Median	Mean	Max	NAs
danspi	0.000	0.000	0.000	0.100	0
fesrub	0.000	0.000	0.001	0.400	0
carspe	0.000	0.000	0.158	11.000	0
unkhrb	0.000	0.000	0.025	7.200	0
unkgra	0.000	0.000	0.005	1.000	0
unkfer	0.000	0.000	0.005	3.000	0
leaf	0.000	94.000	88.677	100.000	0
soil	0.000	0.000	0.832	66.000	0
pit	0.000	0.000	0.075	16.000	0
mound	0.000	0.000	1.995	95.000	0
rock	0.000	0.000	1.973	35.000	0
wood	0.000	2.500	5.465	84.000	0
treebase	0.000	0.000	0.720	28.000	0
seedling	0.000	0.100	0.954	13.300	0
shrubslo	0.000	0.200	2.359	52.000	0
moss	0.000	0.500	2.019	32.500	0
clubmoss	0.000	0.000	0.578	28.100	0
fern	0.000	5.500	14.403	136.000	0
herb	0.000	7.750	10.643	83.800	0
gram	0.000	0.000	0.208	11.100	0

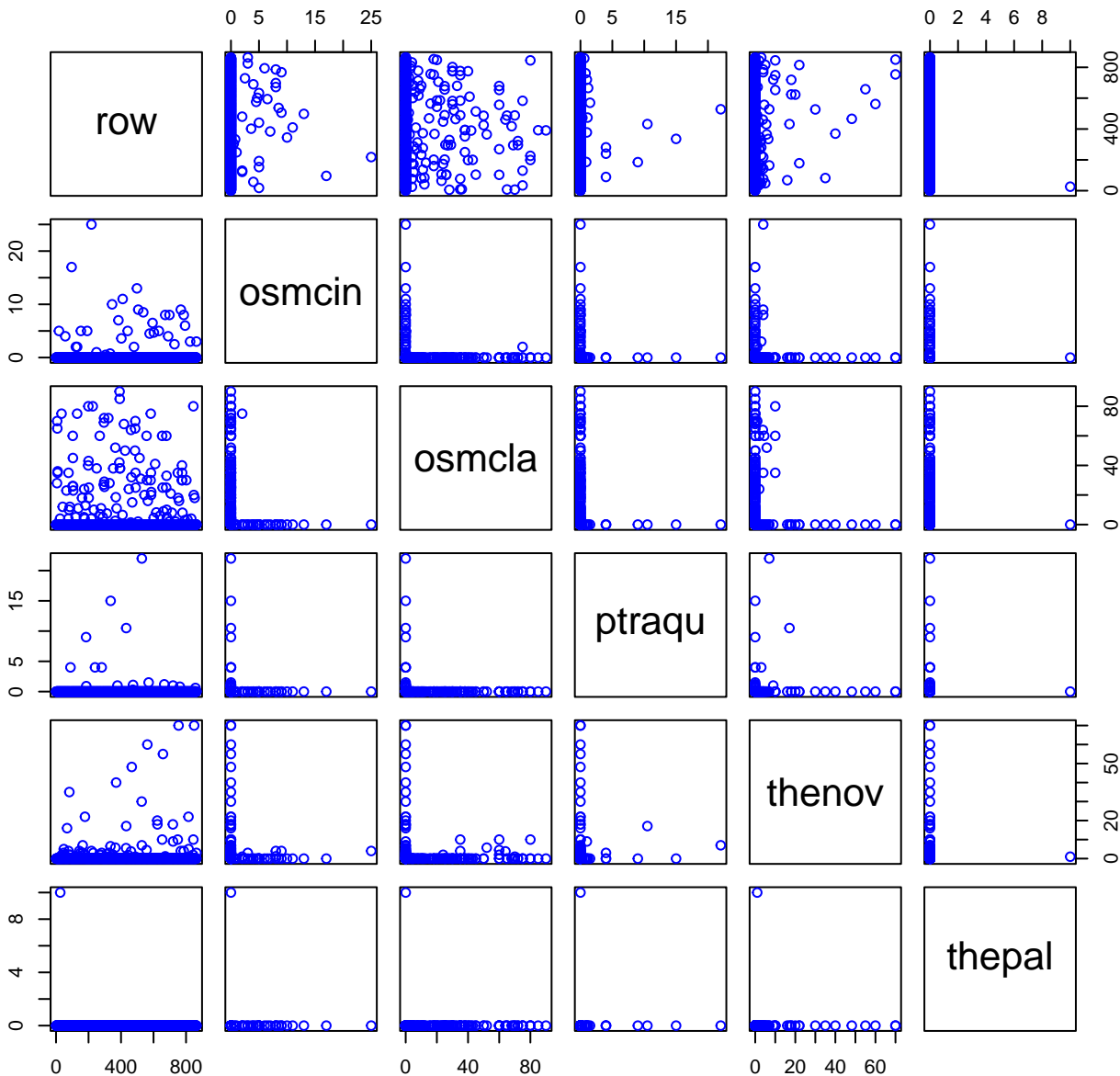
HF002-09 Plot 1



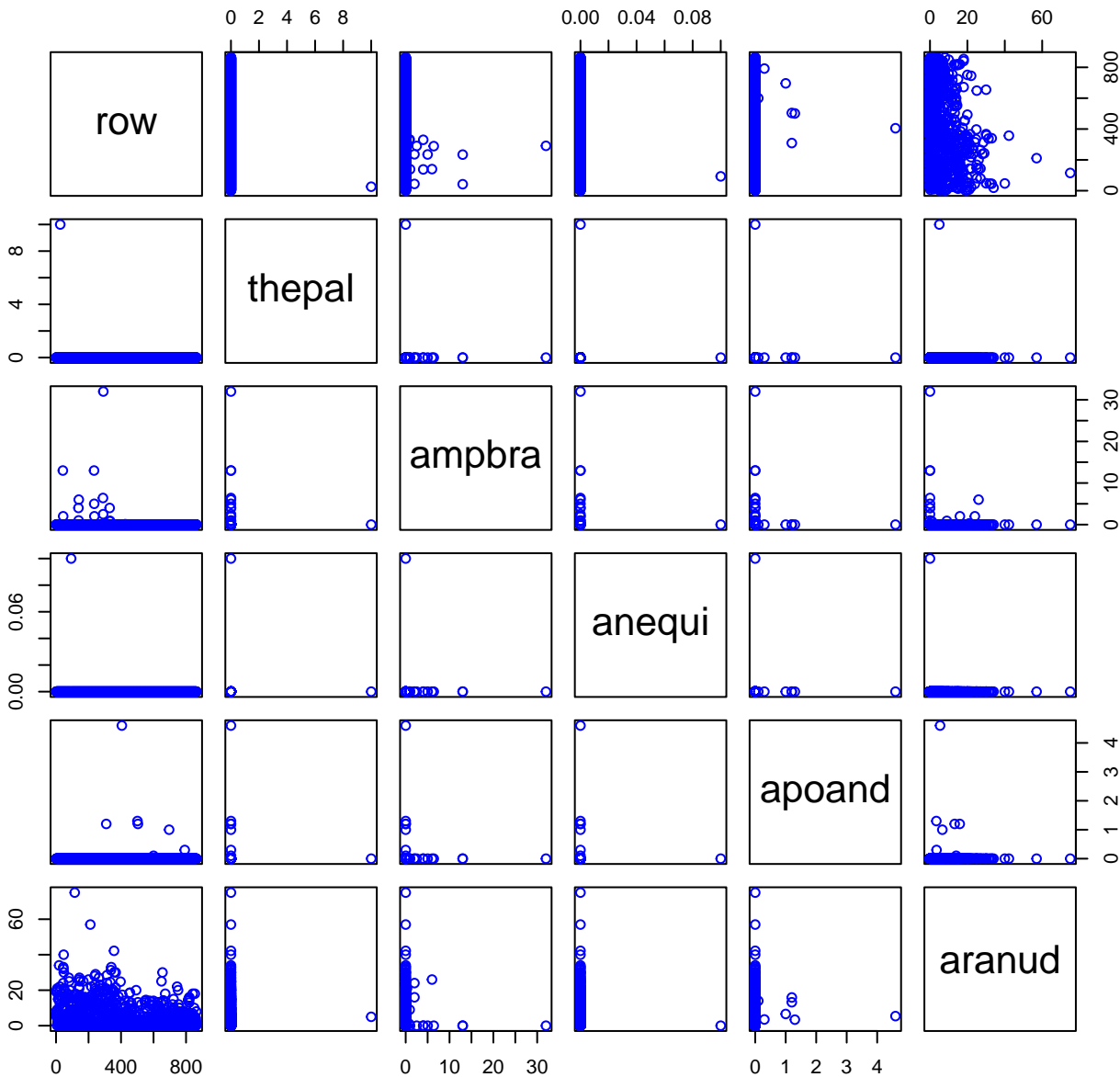
HF002-09 Plot 2



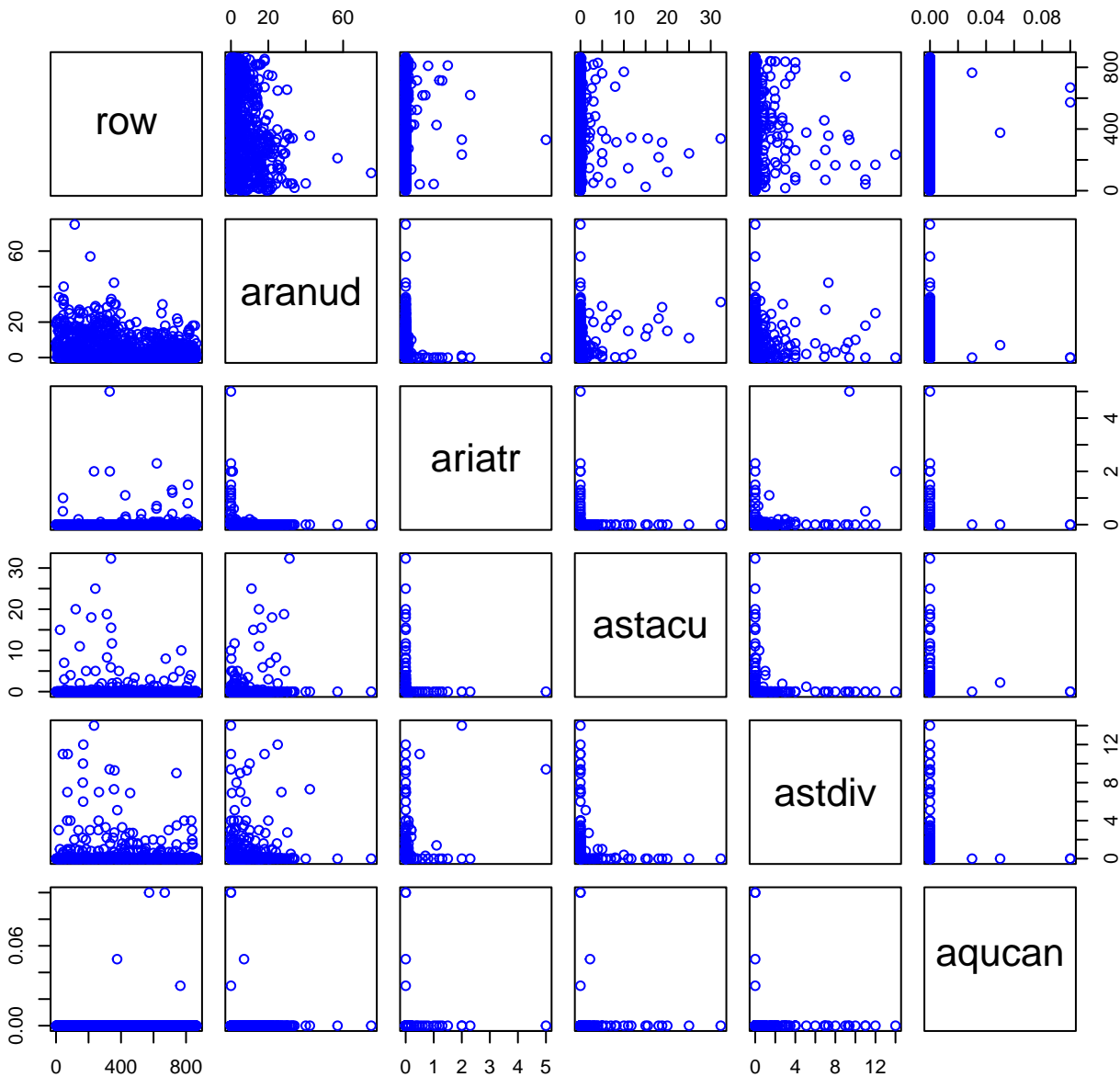
HF002-09 Plot 3



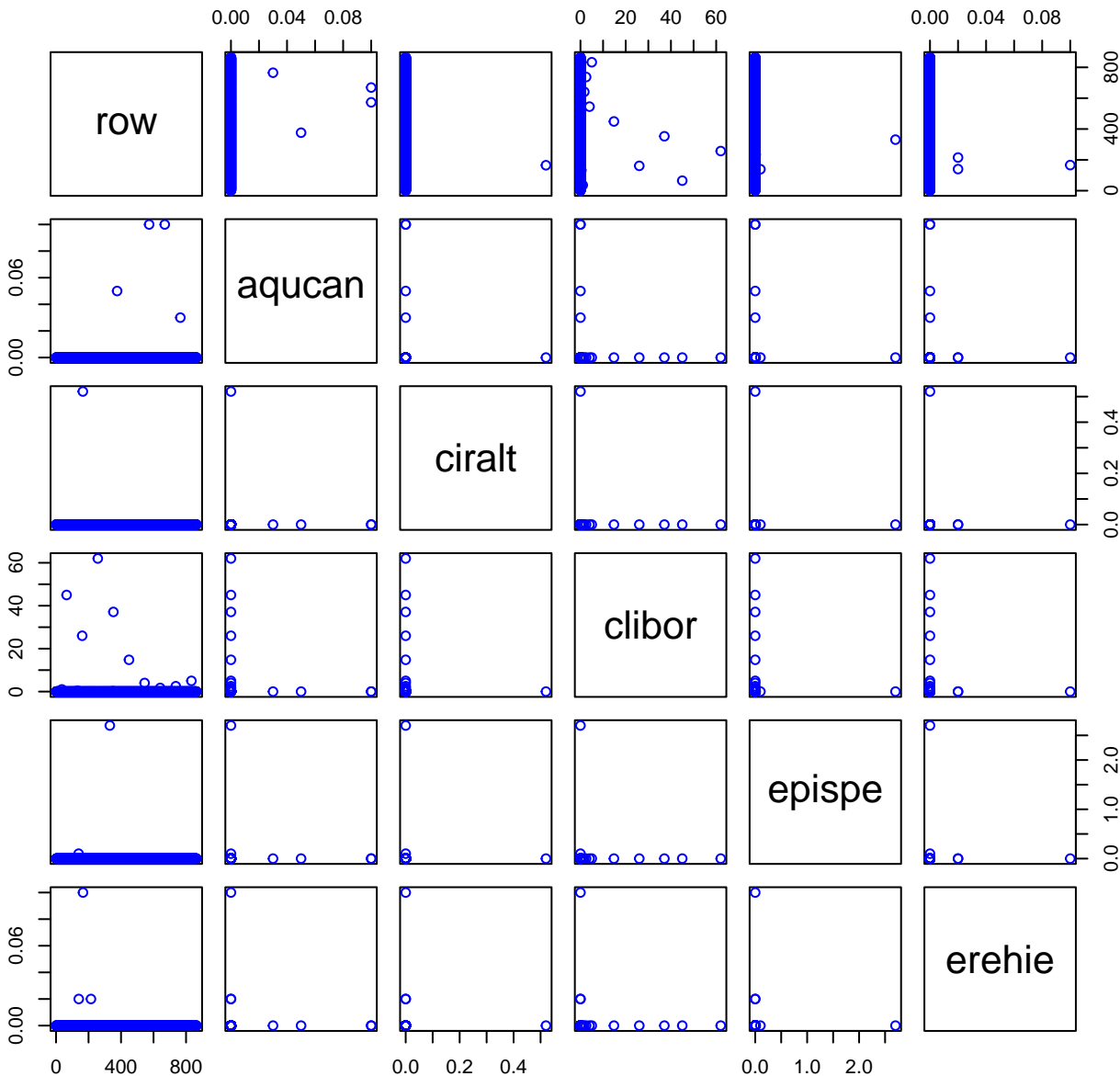
HF002-09 Plot 4



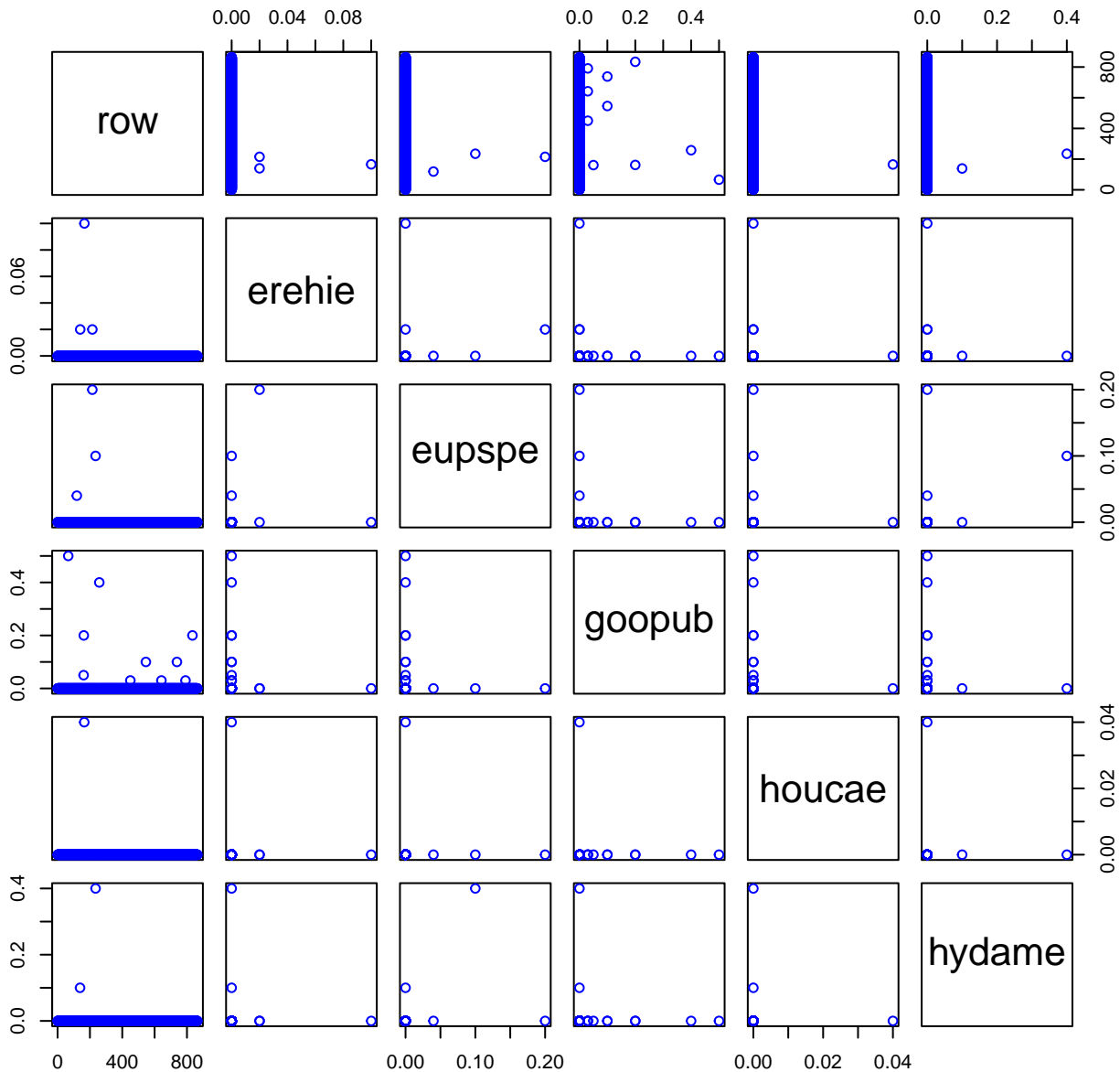
HF002-09 Plot 5



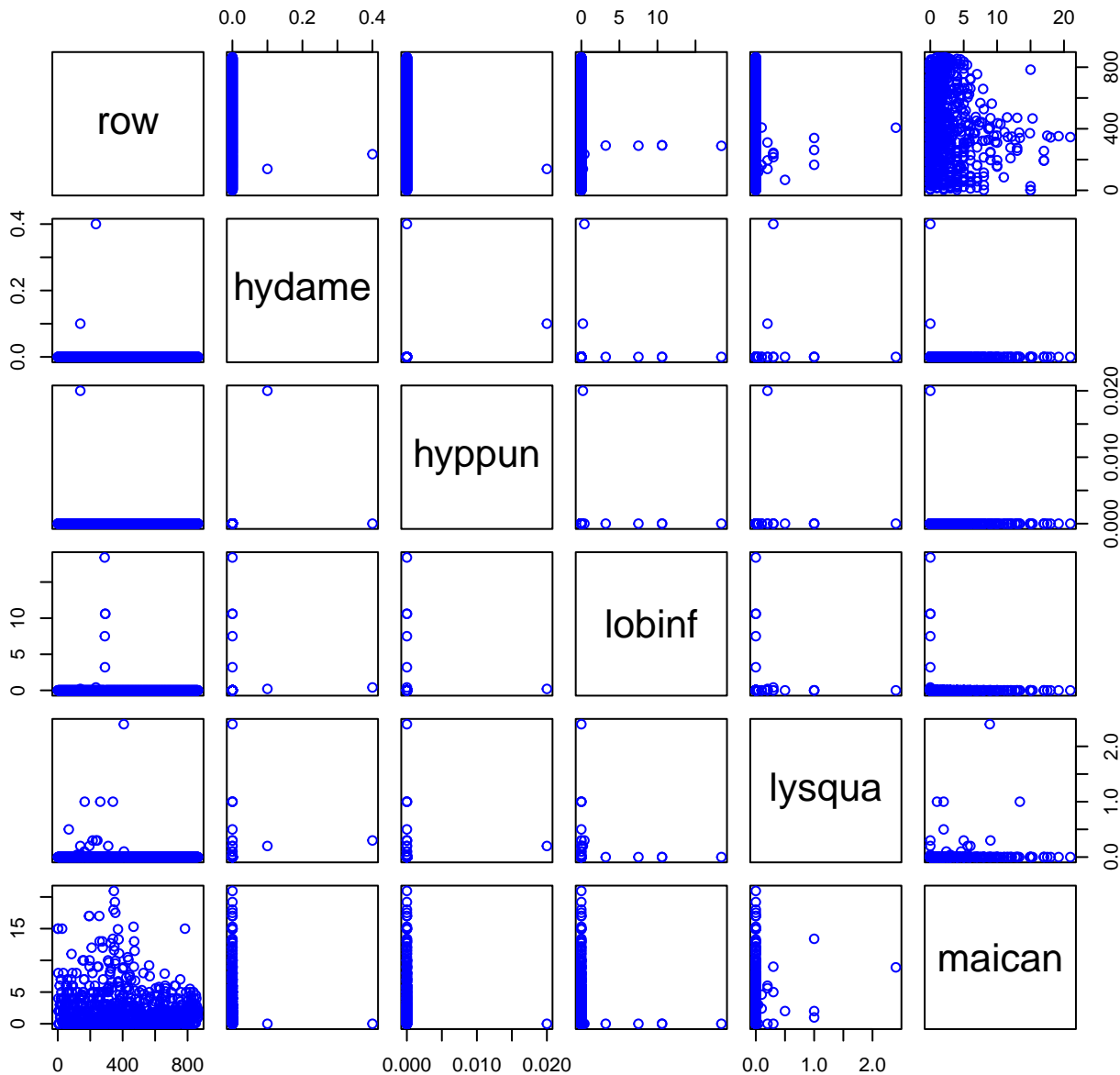
HF002-09 Plot 6



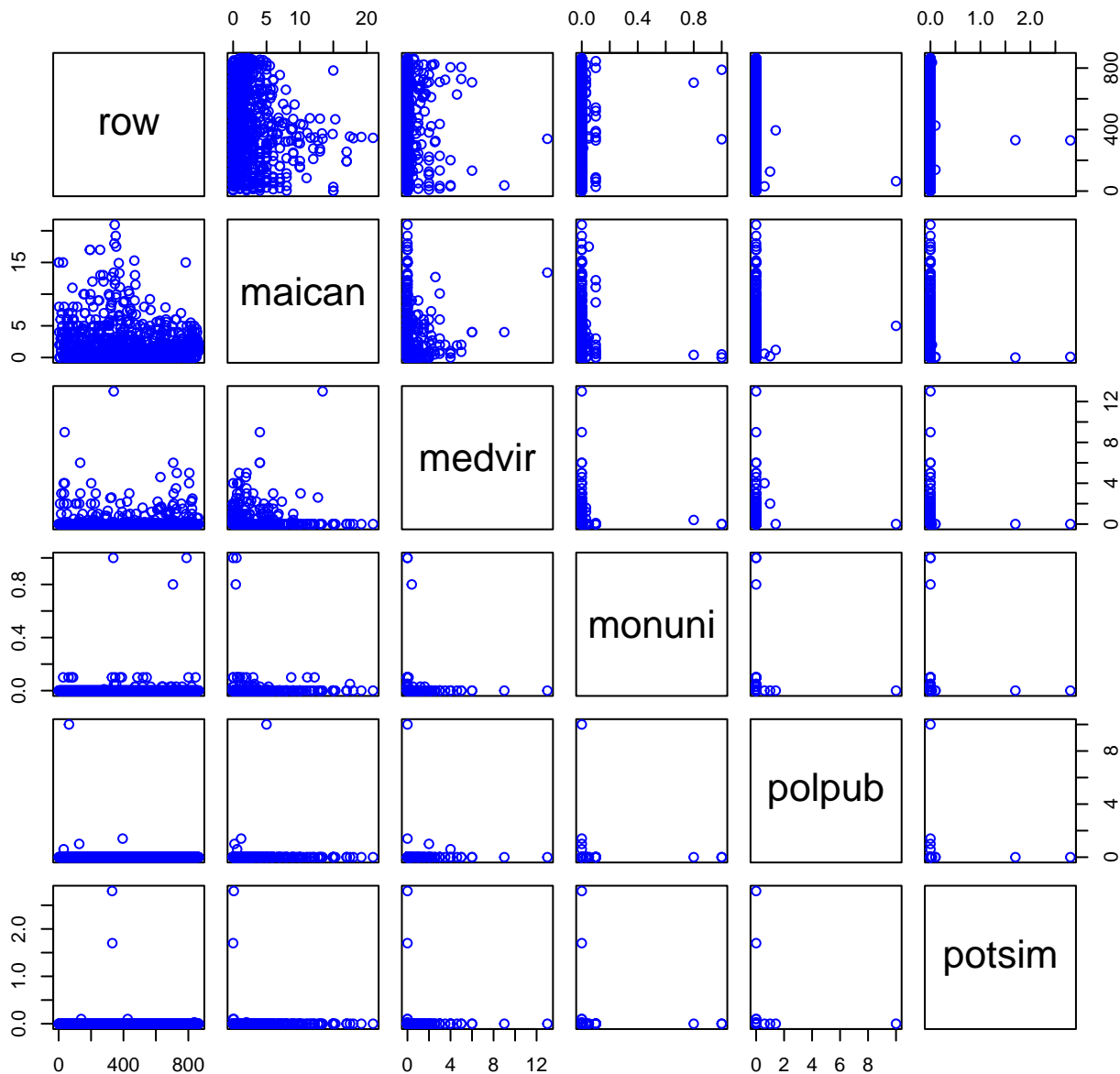
HF002-09 Plot 7



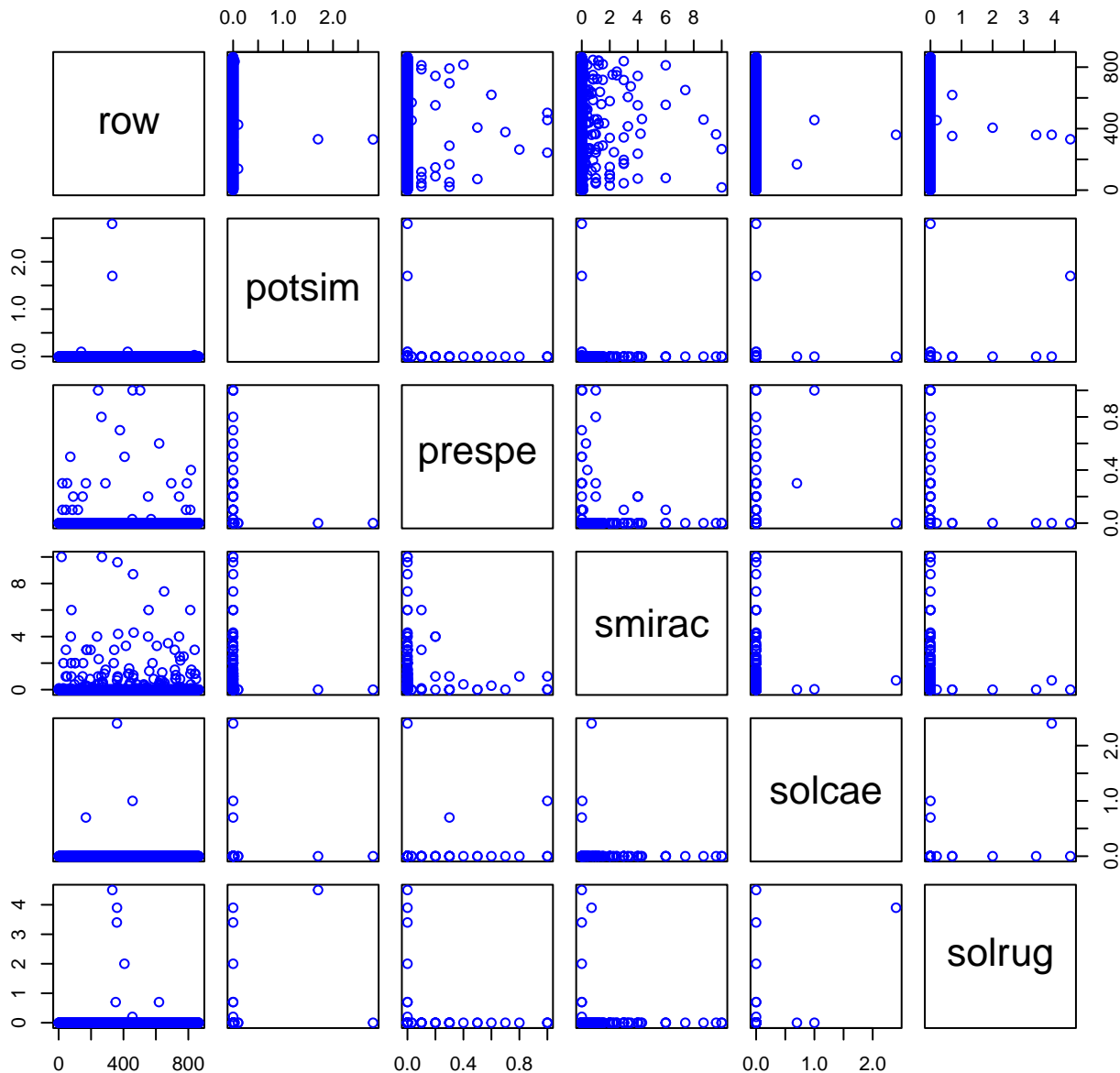
HF002-09 Plot 8



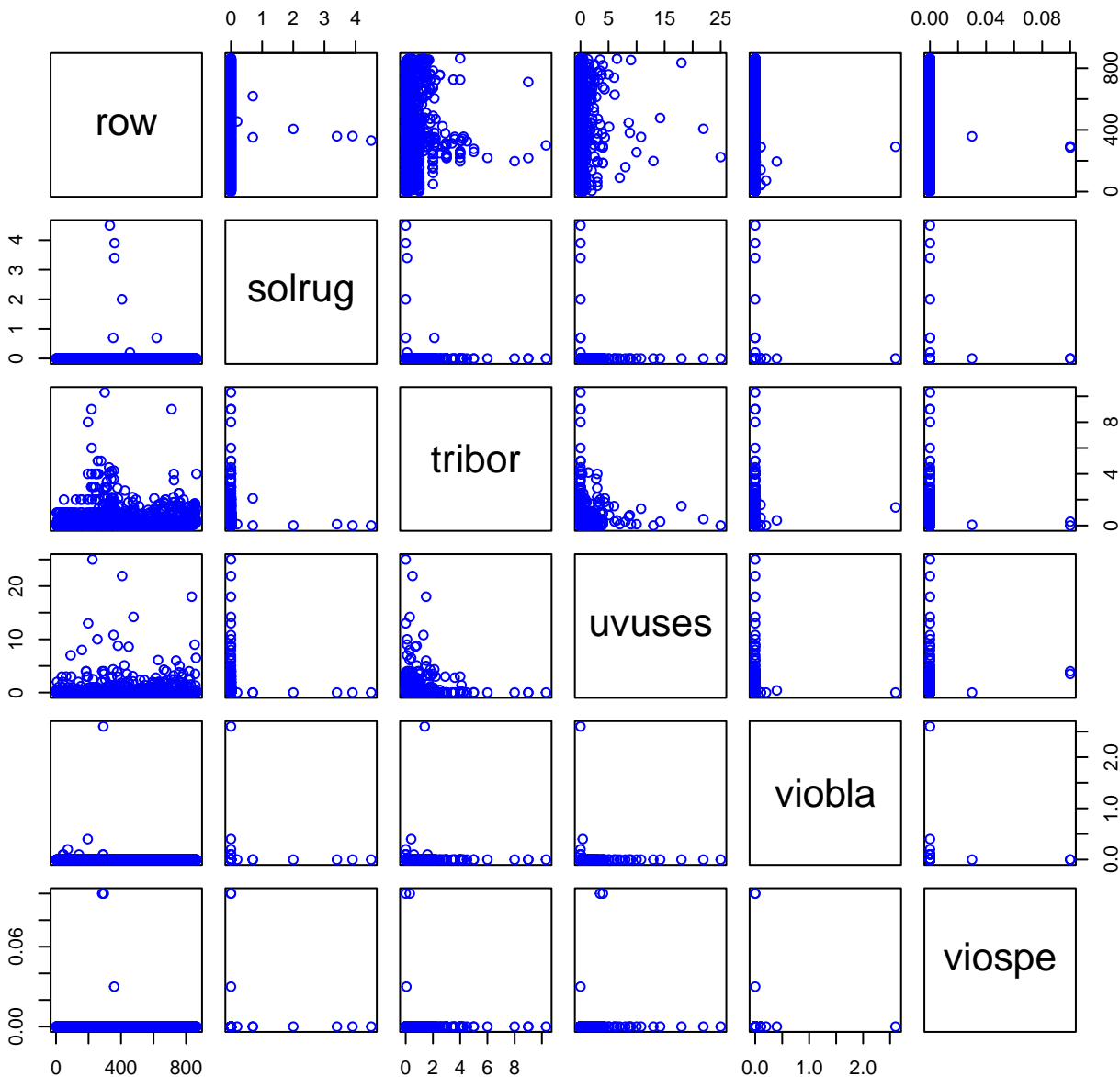
HF002-09 Plot 9



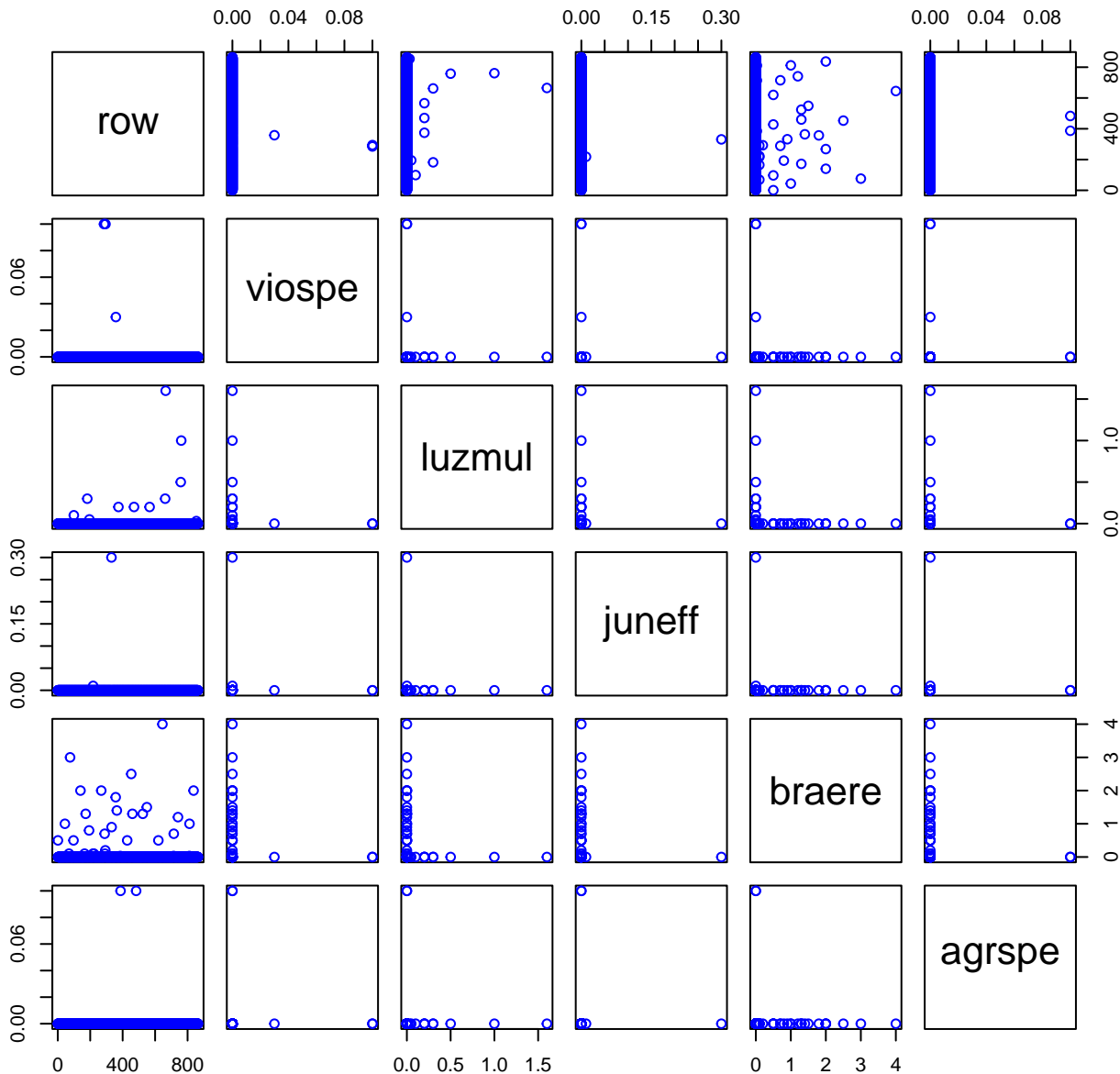
HF002-09 Plot 10



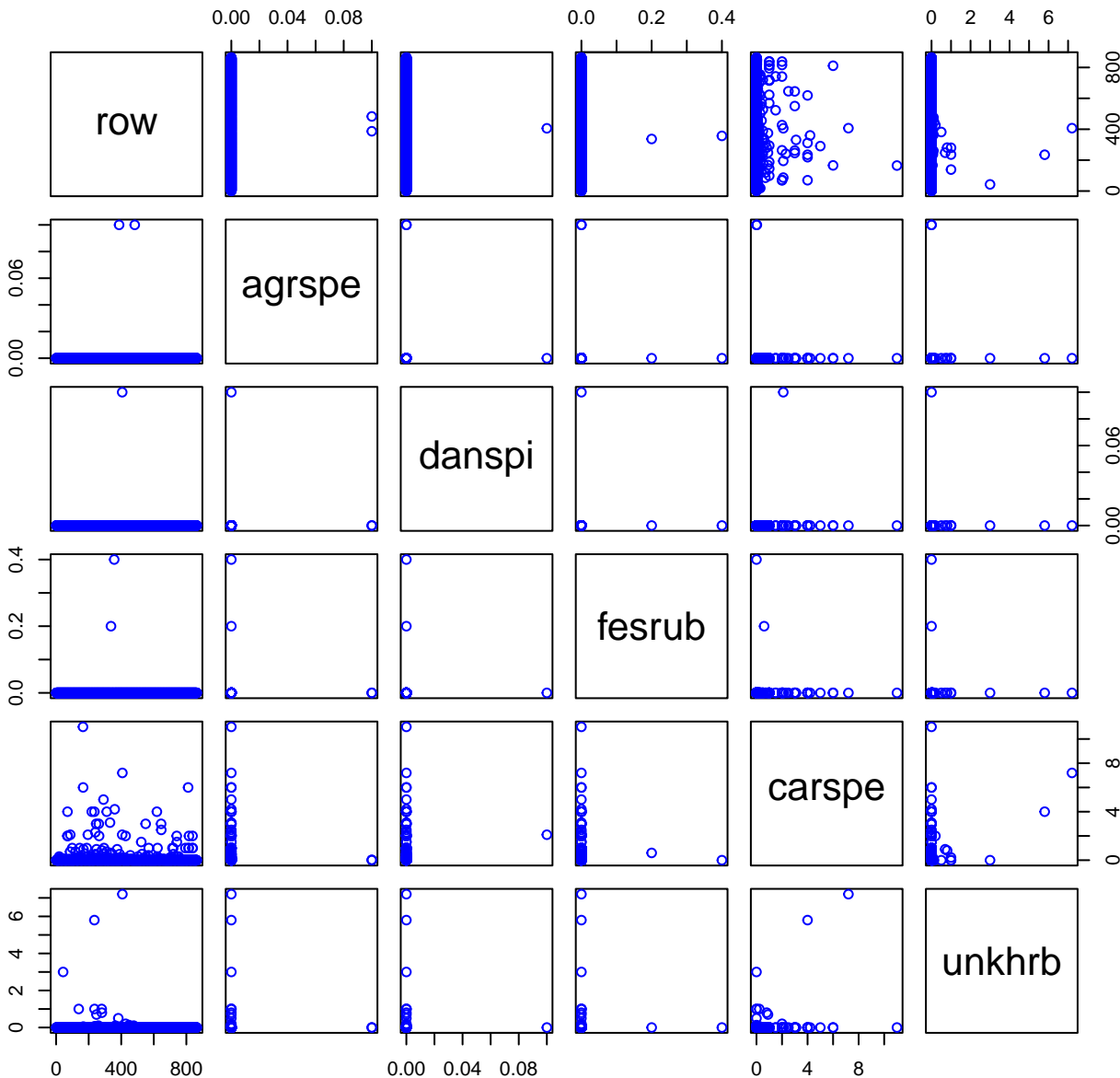
HF002-09 Plot 11



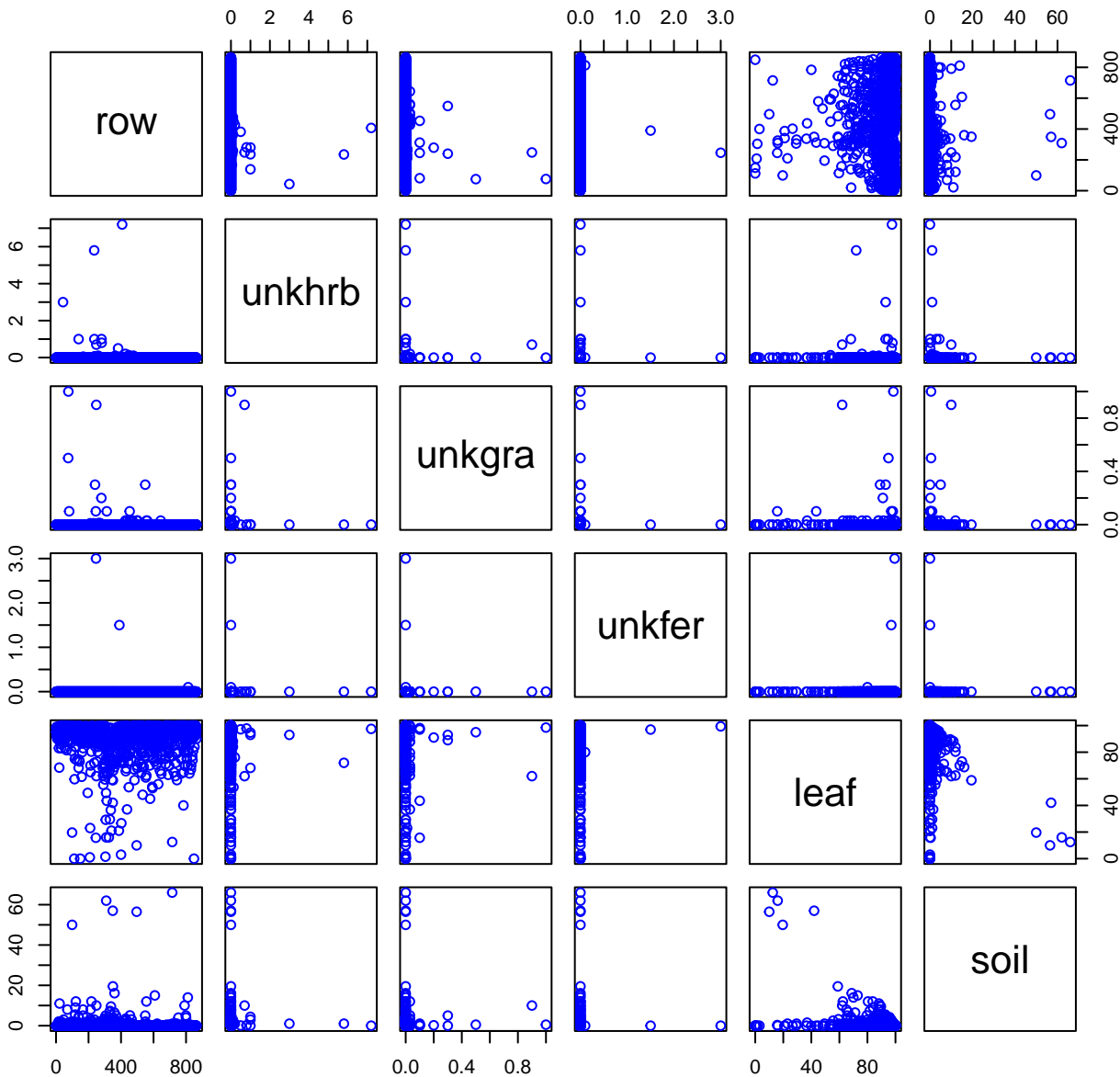
HF002-09 Plot 12



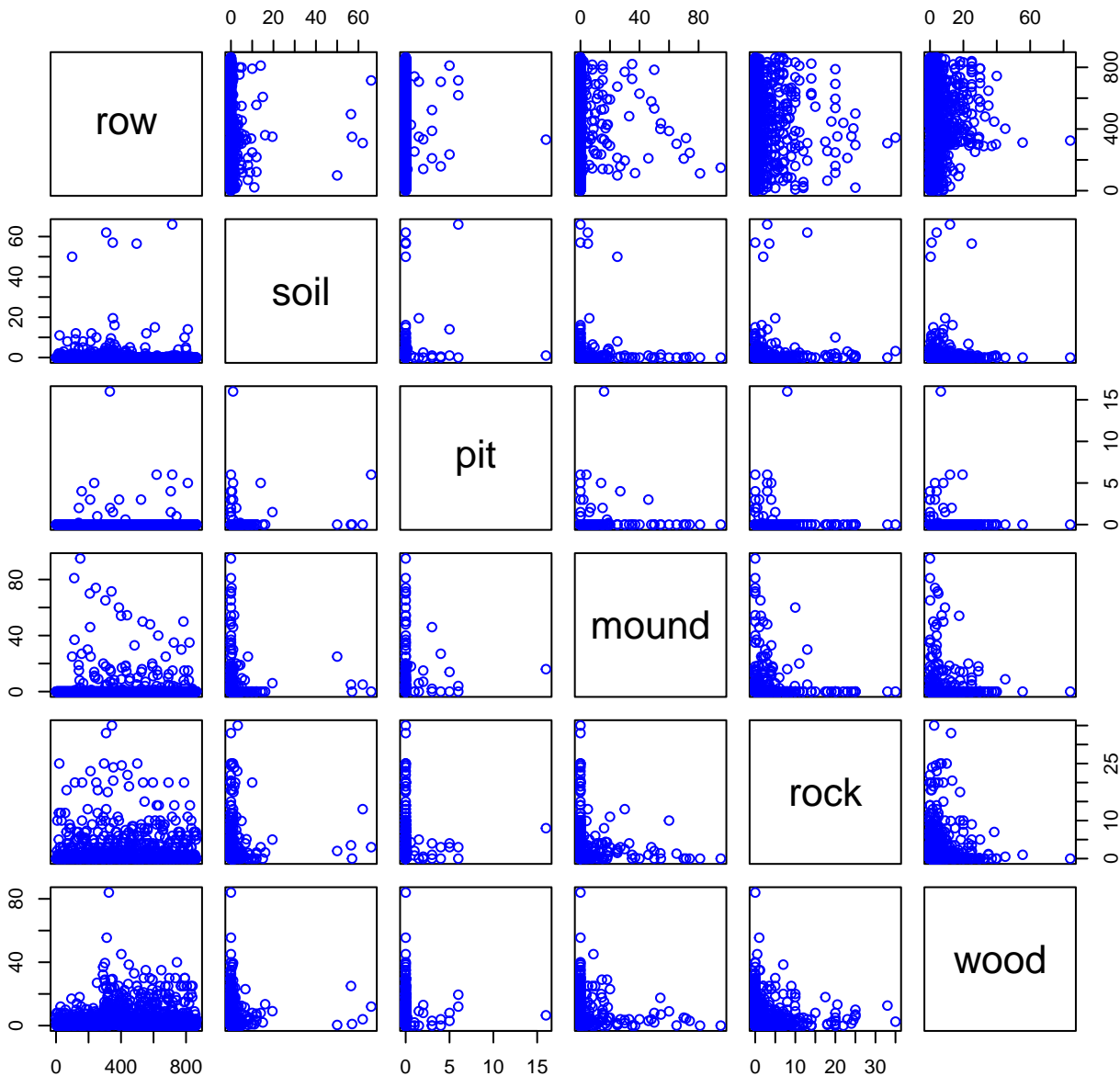
HF002-09 Plot 13



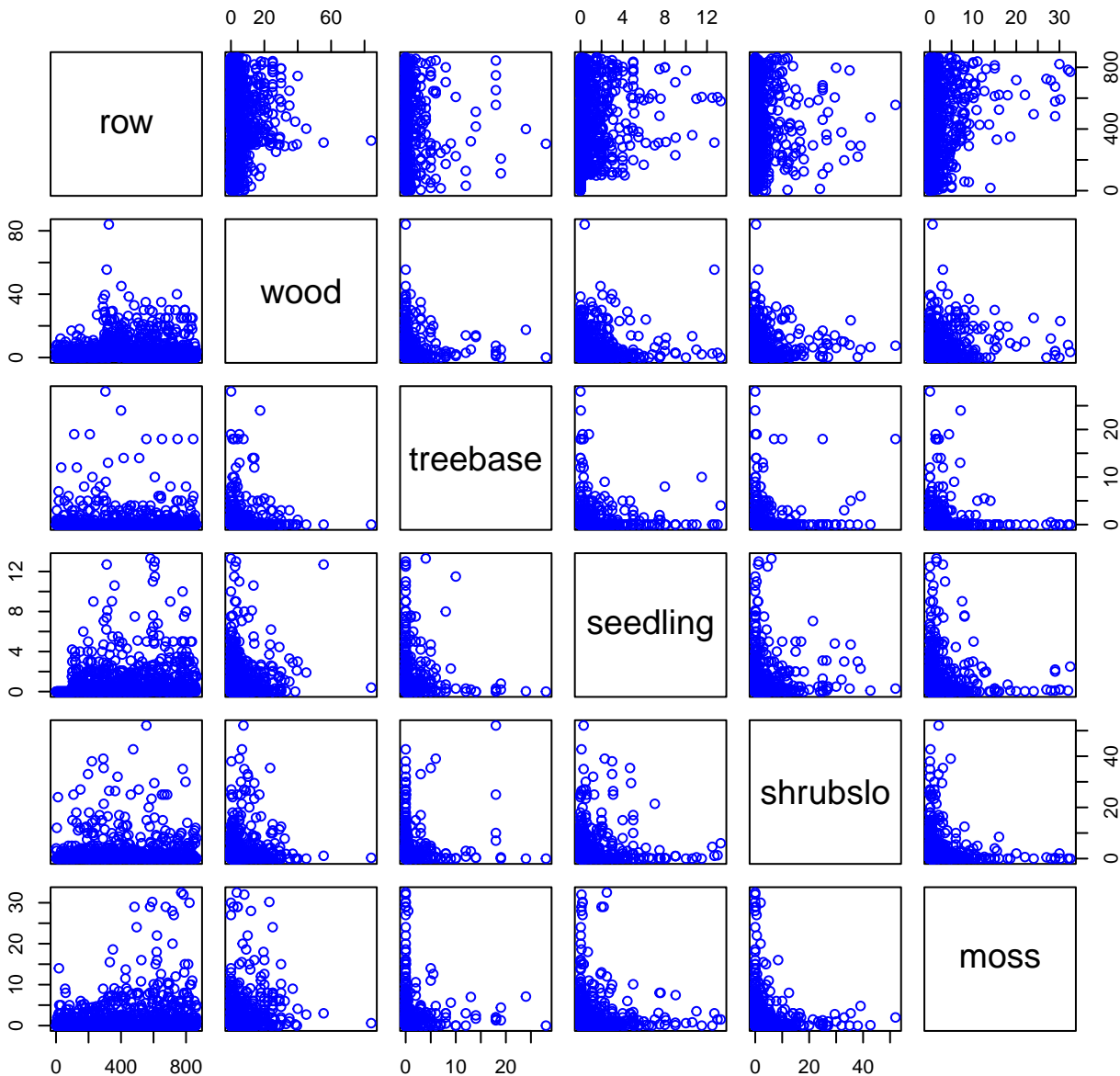
HF002-09 Plot 14



HF002-09 Plot 15



HF002-09 Plot 16



HF002-09 Plot 17

