

Harvard Forest Data Archive HF344-01

Data File:

Name = hf344-01-n-leaf-soil-trees.csv

Description = leaf and soil nitrogen at individual trees

Rows = 12 Columns = 10

MD5 checksum = dc8efa8c90aca6b4fa3d90d4a4d07214

Variables:

tree.defol.field = visual estimate of whole-tree defoliation on a
scale of 0-100% in October

2018 (dimensionless)

leaf.herbiv.avg = average estimate of 30 individual leaves scored
for herbivory on a scale

of 0-100% collected in October 2018

(dimensionless)

leaf.n.percent = percent nitrogen content by mass from a composite
sample of the 30

individual leaves from each tree (dimensionless)

leaf.c.percent = percent carbon content by mass from a composite
sample of the 30

individual leaves from each tree (dimensionless)

soil.n.percent = percent nitrogen content by mass from a composite
sample of 3 soil cores

collected of the organic horizon around each

tree in July 2019 (dimensionless)

soil.c.percent = percent carbon content by mass from a composite
sample of 3 soil cores

collected of the organic horizon around each

tree in July 2019 (dimensionless)

leaf.c.n = ratio of leaf.c.percent to leaf.n.percent for each
tree

(dimensionless)

soil.c.n = ratio of leaf.c.percent to leaf.n.percent for each
tree

(dimensionless)

Variable	Min	Median	Mean	Max	NAs
tree.defol.f	5.000	36.000	35.583	70.000	0
leaf.herbiv.	15.500	46.165	42.888	71.830	0
leaf.n.perce	1.160	1.565	1.568	1.880	0
leaf.c.perce	45.920	49.085	48.760	50.030	0
soil.n.perce	0.410	0.570	0.624	1.090	0
soil.c.perce	6.920	10.845	13.198	27.480	0
leaf.c.n	25.710	31.450	31.933	41.480	0
soil.c.n	15.900	19.195	20.294	30.560	0

HF344-01 Plot 2

