

ECOLNAME	Category	TREECT1	TREECT2	TREECT3	TREECT4	Records	RILL	WATFL	PEDER	BGND	GULER	WINDER	BIOCR	SOILSURF	INFIL	PLANTMOR	PLANTGRP	LITTD	LITTA	PLANTSTS	PROD	INVPLANT	RECREP
FOOTHILLS JUNIPER	Healthy	0.1	0.3	0.9	0.1	1.0	3.5	3.0	3.5	3.7	3.5	3.7	3.6	2.8	3.7	3.8	3.7	4.2	4.1	3.8	3.6	3.4	2.8
FOOTHILLS JUNIPER	Not	0.0	0.0	0.5	0.5	1.0	2.8	2.5	3.0	3.0	2.8	3.3	3.3	2.5	3.5	3.3	3.3	4.3	4.3	3.5	3.3	2.3	2.5
LOAMY MESA TOP PJ	Healthy	0.6	1.0	0.9	0.3	1.0	4.6	2.8	3.0	3.5	4.7	4.3	2.8	2.6	3.4	3.6	3.7	3.1	3.4	3.3	4.0	4.0	3.6
LOAMY MESA TOP PJ	Not	0.1	0.4	1.0	0.2	1.0	4.4	2.8	2.8	3.5	4.8	4.1	2.9	2.6	3.3	3.1	3.4	3.0	3.3	2.9	3.9	4.0	3.5
MOUNTAIN PINYON	Healthy	0.3	0.6	0.9	0.5	1.0	3.8	3.2	3.2	3.3	3.6	4.3	4.2	3.0	3.8	3.4	3.5	3.9	3.7	3.6	3.8	2.8	3.2
MOUNTAIN PINYON	Not	0.7	0.7	1.1	0.6	1.0	4.5	2.3	2.6	2.5	3.4	4.9	4.0	2.6	2.5	3.3	2.7	3.3	3.3	3.6	2.7	3.0	3.5
SANDY PINYON JUNIPER	Healthy	0.2	0.3	1.2	0.3	1.0	4.3	2.8	2.8	3.0	4.5	4.3	3.5	2.5	2.8	3.5	3.8	4.0	4.0	3.3	3.5	5.0	4.3
SANDY PINYON JUNIPER	Not	0.1	0.2	0.6	0.3	1.0	4.4	2.8	2.8	3.0	4.5	4.3	3.5	2.5	2.8	3.3	3.9	4.0	4.0	3.3	3.9	5.0	4.1
SEMIDESERT JUNIPER	Healthy	0.4	0.6	1.1	0.1	1.0	4.0	3.1	3.1	3.8	3.4	3.9	4.5	2.6	3.8	3.5	3.6	3.4	3.4	3.2	4.1	3.5	3.5
SEMIDESERT JUNIPER	Not	0.4	0.6	1.1	0.6	1.0	4.9	3.9	3.9	4.9	4.1	4.8	4.1	3.0	3.1	3.1	4.0	4.0	4.0	3.9	3.2	3.7	4.9
SHALLOW AND SANDY LOAM PJ	Healthy	0.4	0.7	0.5	0.5	1.0	4.3	2.6	3.9	2.9	4.4	4.8	3.0	2.3	2.4	3.0	3.8	2.6	2.6	3.8	3.3	4.1	3.0
SHALLOW AND SANDY LOAM PJ	Not	7.5	0.5	0.5	0.4	1.0	3.3	2.2	2.5	1.5	3.3	4.9	3.0	2.9	2.3	3.8	2.3	2.2	2.2	3.9	2.3	2.3	3.8
SHALLOW CLAY LOAM PJ	Healthy	0.6	0.4	1.0	0.2	1.0	3.7	2.3	3.4	3.0	3.3	3.4	1.7	2.0	3.3	3.3	3.3	3.0	3.7	3.3	4.0	2.6	3.7
SHALLOW CLAY LOAM PJ	Not	0.1	0.2	1.1	0.1	1.0	4.0	2.0	3.9	3.0	3.0	3.9	2.0	2.0	3.0	3.0	3.0	3.0	4.0	3.0	4.0	2.1	4.0
SHALLOW LOAMY MESA TOP PJ	Healthy	0.4	0.6	0.5	0.3	1.0	4.7	3.2	3.3	2.9	4.7	4.3	3.6	3.1	3.7	4.0	4.2	3.2	3.5	3.3	3.6	3.7	3.4
SHALLOW LOAMY MESA TOP PJ	Not	0.2	0.7	1.2	0.4	1.0	4.9	2.7	2.5	2.6	4.5	4.1	3.1	2.9	3.1	3.8	3.7	3.2	3.2	2.9	3.2	3.9	3.3
SHALLOW MESA TOP PJ	Healthy	0.4	0.6	0.8	0.0	1.0	4.9	2.9	2.8	3.1	5.0	4.1	2.4	2.9	3.6	3.8	3.3	3.6	3.6	3.5	3.7	2.8	3.3
SHALLOW MESA TOP PJ	Not	0.1	0.4	1.0	0.2	1.0	4.9	2.7	2.9	2.9	5.0	4.2	2.2	2.9	3.6	3.5	3.2	3.5	3.5	3.1	3.7	2.6	2.9
STEEP SHALLOW CLAY LOAM PJ	Healthy	0.1	0.4	0.9	0	1	3	3	2	3	3	4	1	2	5	5	4	4	5	4	4	4	3
STEEP SHALLOW CLAY LOAM PJ	Not	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

above are means from 2nd table

ECOLNAME	Category	TREECT1	TREECT2	TREECT3	TREECT4	Records	RILL	WATFL	PEDER	BGND	GULER	WINDER	BIOCR	SOILSURF	INFIL	PLANTMOR	PLANTGRP	LITTD	LITTA	PLANTSTS	PROD	INVPLANT	RECREP
FOOTHILLS JUNIPER		-0.1	-0.3	-0.4	0.4	0.0	-0.7	-0.5	-0.5	-0.7	-0.8	-0.5	-0.4	-0.3	-0.2	-0.5	-0.4	0.0	0.2	-0.3	-0.3	-1.1	-0.3
LOAMY MESA TOP PJ		-0.5	-0.6	0.1	0.0	0.0	-0.2	0.0	-0.2	0.0	0.1	-0.2	0.1	0.0	-0.1	-0.5	-0.3	-0.1	-0.2	-0.4	-0.1	-0.1	0.0
MOUNTAIN PINYON		0.5	0.1	0.2	0.2	0.0	0.7	-0.9	-0.6	-0.8	-0.3	0.6	-0.2	-0.4	-1.3	-0.1	-0.9	-0.5	-0.4	0.1	-1.1	0.2	0.3
SANDY PINYON JUNIPER		-0.1	-0.1	-0.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.2	0.0	0.0	0.0	0.4	0.0	-0.2
SEMIDESERT JUNIPER		0.0	0.0	0.0	0.5	0.0	0.9	0.8	0.8	1.1	0.7	0.9	-0.4	0.4	-0.7	-0.4	0.4	0.6	0.6	0.7	-0.9	0.2	1.4
SHALLOW AND SANDY LOAM PJ		7.1	-0.2	0.0	-0.2	0.0	-0.9	-0.4	-1.4	-1.4	-1.1	0.1	0.0	0.7	-0.1	0.8	-1.5	-0.4	-0.4	0.1	-1.1	-1.7	0.8
SHALLOW CLAY LOAM PJ		-0.5	-0.1	0.1	0.0	0.0	0.3	-0.3	0.5	0.0	-0.3	0.5	0.3	0.0	-0.3	-0.3	-0.3	0.0	0.3	-0.3	0.0	-0.5	0.3
SHALLOW LOAMY MESA TOP PJ		-0.2	0.1	0.7	0.1	0.0	0.2	-0.6	-0.7	-0.4	-0.2	-0.2	-0.4	-0.1	-0.6	-0.2	-0.6	0.0	-0.3	-0.4	-0.4	0.1	-0.2
SHALLOW MESA TOP PJ		-0.3	-0.2	0.2	0.2	0.0	0.0	-0.2	0.1	-0.2	0.0	0.1	-0.2	0.0	0.1	-0.2	-0.1	-0.1	-0.1	-0.4	0.0	-0.2	-0.4
STEEP SHALLOW CLAY LOAM PJ		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

above are mean differences between healthy and not in 3rd table

- code translations:
- TREECT1 # < 2 ft tall
  - TREECT2 # 2 to 6 ft tall
  - TREECT3 # 6 to 16 ft tall
  - TREECT4 # > 16 ft tall
  - RILL Rills
  - WATFL Water Flow Patterns
  - PEDER Pedestals from Erosion
  - BGND Bare Ground
  - GULER Gullies
  - WINDER Wind Erosion
  - BIOCR Cryptobiotic Crust
  - SOILSURF Soil Surface
  - INFIL Infiltration and Runoff
  - PLANTMOR Plant Mortality
  - PLANTGRP Functional Plant Groups
  - LITTD Litter Distribution
  - LITTA Litter Amount
  - PLANTSTS Plant Stress
  - PROD Production
  - INVPLANT Invasive Plants
  - RECREP Recruitment and Reproduction