*Chart, radar chart

Description automatically generated*

**Figure 4.** Circular plots indicating the aspect of individual trees at each site. Color of points indicates the fire history and shape of points indicates the elevation. Group letters were assigned using post-hoc Tukey’s HSD test results.

A picture containing chart

Description automatically generated

**Figure 5.** Relationship between site and tree height (A), canopy spread (B), DBH (C), and distance between neighbors (D). Color of points indicates the fire history and shape of points indicates the elevation. Group letters were assigned using post-hoc Tukey’s HSD test results.

Chart, scatter chart, box and whisker chart

Description automatically generated

**Figure 6.** Relationship between site and foliar isotopes: δ13C (A) and δ15N (B). Color of points indicates the fire history and shape of points indicates the elevation. Group letters were assigned using post-hoc Tukey’s HSD test results.

Chart, scatter chart

Description automatically generated

**Figure 7.** Relationship between site and foliar organics: carbon (A), nitrogen (B), and carbon/nitrogen (C). Color of points indicates the fire history and shape of points indicates the elevation. Group letters were assigned using post-hoc Tukey’s HSD test results.

**Diagram

Description automatically generated with medium confidence**

**Figure 8.** Relationship between site and foliar macronutrients: calcium (A), phosphorus (B), potassium (C), magnesium (D), aluminum (E), and zinc (F). Color of points indicates the fire history and shape of points indicates the elevation. Group letters were assigned using post-hoc Tukey’s HSD test results.

**Chart, box and whisker chart

Description automatically generated**

**Figure 9.** Relationship between site and soil organics: carbon (A), nitrogen (B), and carbon/nitrogen (C). Color of points indicates the fire history and shape of points indicates the elevation. Group letters were assigned using post-hoc Tukey’s HSD test results.

*Box and whisker chart

Description automatically generated*

**Figure 10.** Relationship between site and soil macronutrients: calcium (A), phosphorus (B), potassium (C), magnesium (D), aluminum (E), and zinc (F). Color of points indicates the fire history and shape of points indicates the elevation. Group letters were assigned using post-hoc Tukey’s HSD test results.

Chart, box and whisker chart

Description automatically generated

**Figure 11.** Relationship between site and soil water retention (A), soil cation exchange capacity (CEC; B), and soil pH (C). Color of points indicates the fire history and shape of points indicates the elevation. Group letters were assigned using post-hoc Tukey’s HSD test results.