| METRIC | LABEL |
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| D_SANDT | Simpson's Diversity - Heterogeneity of S&T Types in AA. D = 1-sum(pi^2), where pi is proportion of plots sampled of class i. |
| D_VASC_STRATA | Simpson's Diversity - Heterogeneity of Vertical Vascular Structure in AA based on occurrence and relative cover of all strata in all plots. D = 1-sum(pi^2), where pi is relative cover of vegetation stratum i |
| DOM_SANDT | Dominant S&T Type(s) in AA |
| FREQ_ALGAE | Frequency of filamentous or mat forming algae |
| FREQ_ARBOREAL | Frequency of rboreal Bryophytes and Lichens |
| FREQ_BAREGD | Frequency of bareground |
| FREQ_BRYOPHYTES | Frequency of byrophytes growing on ground surfaces, logs, rocks, etc. |
| FREQ_EXPOSED_GRAVEL | Frequency exposed gravel/cobble (~2mm to 25cm) |
| FREQ_EXPOSED_ROCK | Frequency exposed rock (> 25cm) |
| FREQ_EXPOSED_SOIL | Frequency exposed soil/sediment |
| FREQ_FLOATING_AQ | Frequency Floating Aquatic Vegetation |
| FREQ_H2O | Frequency of occurrence of water across 100-m2 plots |
| FREQ_H2O_AQVEG | Frequency of occurrence of water and floating/submerged aquatic vegetation |
| FREQ_H2O_EMERGVEG | Frequency of occurrence ofwater and emergent and/or woody vegetation |
| FREQ_H2O_NOVEG | Frequency of occurrence of water and no vegetation |
| FREQ_HMED_VEG | Frequency Vegetation > 5m to 15m tall |
| FREQ_LIANAS | Frequency Lianas, vines, and vascular epiphytes |
| FREQ_LICHENS | Frequency of lichens growing on ground surfaces, logs, rocks, etc. |
| FREQ_LITTER | Frequency of litter |
| FREQ_MACROALGAE | Macroalgae (freshwater species/seaweeds) |
| FREQ_MED_VEG | Frequency Vegetation >2m to 5 tall |
| FREQ_PEAT_MOSS_DOM | Frequency of plots where bryophytes are dominated by Sphagnum or other peat forming moss |
| FREQ_SMALL_VEG | Frequency Vegetation 0.5 to 2m tall |
| FREQ_SUBMERGED_AQ | Frequency Submerged Aquatic Vegetation across 5 plots |
| FREQ_TALL_VEG | Frequency Vegetation > 15m to 30m tall |
| FREQ_VSMALL_VEG | Frequency Vegetation < 0.5m tall |
| FREQ_VTALL_VEG | Frequency Vegetation > 30m tall |
| FREQ_WD_COARSE | Frequency of coarse woody debris (> 5cm diameter) |
| FREQ_WD_FINE | Frequency of fine woody debris (< 5cm diameter) |
| H_SANDT | Shannon-Wiener - Heterogeneity of S&T Types in AA. H' = -1*sum(pi*ln(pi)), where pi is proportion of sampled plots with class i. |

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| H_VASC_STRATA | Shannon-Wiener - Heterogeneity of Vertical Vascular Structure in AA based on occurrence and relative cover of all strata in all plots. H' = -1*sum(pi*ln(pi)), where pi is relative cover of vegetation stratum i. |
| IMP_ALGAE | Importance ((FREQ + XCOV)/2) of filamentous or mat forming algae |
| IMP_ARBOREAL | Importance ((FREQ + XCOV)/2) of arboreal bryophytes and lichens |
| IMP_BAREGD | Importance ((FREQ + XCOV)/2) of bareground |
| IMP_BRYOPHYTES | Importance ((FREQ + XCOV)/2) of bryophytes growing on ground surfaces, logs, rocks, etc. |
| IMP_EXPOSED_GRAVEL | Importance ((FREQ + XCOV)/2) exposed gravel/cobble (~2mm to 25cm) |
| IMP_EXPOSED_ROCK | Importance ((FREQ + XCOV)/2) exposed rock (> 25cm) |
| IMP_EXPOSED_SOIL | Importance ((FREQ + XCOV)/2) exposed soil/sediment |
| IMP_FLOATING_AQ | Importance ((FREQ + XCOV)/2) Floating Aquatic Vegetation |
| IMP_H2O | Importance ((FREQ_H2O + XCOV_H2O)/2)Total cover of water (percent of Veg Plot area with water = a+b+c Ã¢â€°Â¤ 100%) |
| IMP_H2O_AQVEG | Importance ((FREQ_H2O_AQVEG + XCOV_H2O_AQVEG)/2) of b) % Veg Plot area with water and floating/submerged aquatic vegetation |
| IMP_H2O_EMERGVEG | Importance ((FREQ_H2O_EMERGVEG + XCOV_H2O_EMERGVEG)/2) of c) % Veg Plot area with water and emergent and/or woody vegetation |
| IMP_H2O_NOVEG | Importance ((FREQ_H2O_NOVEG + XCOV_H2O_NOVEG)/2) of a) % Veg Plot area with water and no vegetation |
| IMP_HMED_VEG | Importance ((FREQ + XCOV)/2) Vegetation > 5m to 15m tall |
| IMP_LIANAS | Importance ((FREQ + XCOV)/2) Lianas, vines, and vascular epiphytes |
| IMP_LICHENS | Importance ((FREQ + XCOV)/2) of lichens growing on ground surfaces, logs, rocks, etc. |
| IMP_LITTER | Importance ((FREQ + XCOV)/2) of litter |
| IMP_MACROALGAE | Importance ((FREQ + XCOV)/2) of macroalgae (freshwater species/seaweeds) |
| IMP_MED_VEG | Importance ((FREQ + XCOV)/2) Vegetation >2m to 5 tall |
| IMP_SMALL_VEG | Importance ((FREQ + XCOV)/2) Vegetation 0.5 to 2m tall |
| IMP_SUBMERGED_AQ | Importance ((FREQ + XCOV)/2) Submerged Aquatic Vegetation |
| IMP_TALL_VEG | Importance ((FREQ + XCOV)/2) Vegetation > 15m to 30m tall |
| IMP_VSMALL_VEG | Importance ((FREQ + XCOV)/2) Vegetation < 0.5m tall |
| IMP_VTALL_VEG | Importance ((FREQ + XCOV)/2) Vegetation > 30m tall |
| IMP_WD_COARSE | Importance ((FREQ + XCOV)/2) of coarse woody debris (> 5cm diameter) |
| IMP_WD_FINE | Importance ((FREQ + XCOV)/2) of fine woody debris (< 5cm diameter) |

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| J_SANDT | Pielou Eveness - Heterogeneity of S&T Classes in AA. J = H'/ln(S), where H' is Shannon-Wiener diversity and S is number of classes at site. |
| J_VASC_STRATA | Pielou Evenness - Heterogeneity of Vertical Vascular Structure in AA based on occurrence and relative cover of all strata in all plots. J = H'/ln(S), where H' is Shannon-Wiener diversity and S is number of vegetation strata at site. |
| LITTER_TYPE | Predominant litter type |
| MAX_COV_H2O | Maximum Total cover of water |
| MAX_H2O_DEPTH | Maximum water depth |
| MEDDEPTH_LITTER | Median depth of litter across all 1-m2 quadrats in AA |
| MIN_COV_H2O | Minimum Total cover of water |
| MIN_H2O_DEPTH | Minimum water depth |
| N_LITTER_TYPE | Number of unique litter types observed across the 5 100-m2 plots |
| N_PEAT_MOSS_DOM | Number of plots where bryophytes are dominated by Sphagnum or other peat forming moss |
| N_SANDT | Number of unique S&T Types in AA |
| N_VASC_STRATA | Number of Unique Vascular Vegetation Strata across AA |
| RG_VASC_STRATA | Range in number of vascular vegetation strata found in 5 plots. |
| XCOV_ALGAE | Mean absolute cover filamentous or mat forming algae |
| XCOV_ARBOREAL | Mean absolute cover arboreal Bryophytes and Lichens |
| XCOV_BAREGD | Mean cover of bareground |
| XCOV_BRYOPHYTES | Mean absolute cover byrophytes growing on ground surfaces, logs, rocks, etc. |
| XCOV_EXPOSED_GRAVEL | Mean Cover exposed gravel/cobble (~2mm to 25cm) |
| XCOV_EXPOSED_ROCK | c) Cover exposed rock (> 25cm) |
| XCOV_EXPOSED_SOIL | Mean Cover exposed soil/sediment |
| XCOV_FLOATING_AQ | Mean Absolute Cover Floating Aquatic Vegetation |
| XCOV_H2O | Total cover of water (percent of Veg Plot area with water = a+b+c Ã¢â€°Â¤ 100%) |
| XCOV_H2O_AQVEG | b) % Veg Plot area with water and floating/submerged aquatic vegetation |
| XCOV_H2O_EMERGVEG | c) % Veg Plot area with water and emergent and/or woody vegetation |
| XCOV_H2O_NOVEG | a) % Veg Plot area with water and no vegetation |
| XCOV_HMED_VEG | Mean Absolute Cover Vegetation > 5m to 15m tall |
| XCOV_LIANAS | Mean Absolute Cover Lianas, vines, and vascular epiphytes |
| XCOV_LICHENS | Mean absolute cover lichens growing on ground surfaces, logs, rocks, etc. |
| XCOV_LITTER | Mean Cover of litter |
| XCOV_MACROALGAE | Mean absolute cover macroalage (freshwater species/seaweeds) |
| XCOV_MED_VEG | Mean Absolute Cover Vegetation >2m to 5 tall |
| XCOV_SMALL_VEG | Mean Absolute Cover Vegetation 0.5 to 2m tall |
| XCOV_SUBMERGED_AQ | Mean Absolute Cover Submerged Aquatic Vegetation |

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| XCOV_TALL_VEG | Mean Absolute Cover Vegetation > 15m to 30m tall |
| XCOV_VSMALL_VEG | Mean Absolute Cover Vegetation < 0.5m tall |
| XCOV_VTALL_VEG | Mean Absolute Cover Vegetation > 30m tall |
| XCOV_WD_COARSE | Mean Cover of coarse woody debris (> 5cm diameter) |
| XCOV_WD_FINE | Mean Cover of fine woody debris (< 5cm diameter) |
| XDEPTH_LITTER | Mean depth of litter across all 1-m2 quadrats in AA |
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| XH2O_DEPTH | Mean Predominant water depth in plots where standing water occurs |
| XH2O_DEPTH_AA | Mean Predominant water depth across AA |
| XN_VASC_STRATA | Mean number of vascular vegetation strata across plots |
| XRCOV_FLOATING_AQ | Relative MeanCover Floating Aquatic Vegetation |
| XRCOV_HMED_VEG | Relative Cover Vegetation > 5m to 15m tall |
| XRCOV_LIANAS | Relative Cover Lianas, vines, and vascular epiphytes |
| XRCOV_MED_VEG | Relative Cover Vegetation >2m to 5 tall |
| XRCOV_SMALL_VEG | Relative Cover Vegetation 0.5 to 2m tall |
| XRCOV_SUBMERGED_AQ | Relative Mean Cover Submerged Aquatic Vegetation |
| XRCOV_TALL_VEG | Relative Cover Vegetation > 15m to 30m tall |
| XRCOV_VSMALL_VEG | Relative Cover Vegetation < 0.5m tall |
| XRCOV_VTALL_VEG | Relative Cover Vegetation > 30m tall |
| XTOTCOV_VASC_STRATA | Mean absolute cover of all vascular strata across plots |