**Table 1**. Sample size and mortality by size class and genus (values are the total number of trees present, with the number that died by 2017 in parentheses).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Genus | < 35 cm dbh | |  | ≥ 35 cm dbh | |
|  | Uncored | Cored |  | Uncored | Cored |
| Acer | 50 (6) | 25 (2) |  | 16 (1) | 8 (0) |
| Carya | 396 (33) | 198 (21) |  | 116 (12) | 58 (3) |
| Fagus | 172 (1) | 86 (0) |  | N/A | N/A |
| Fraxinus | 34 (9) | 17 (8) |  | 30 (7) | 15 (2) |
| Juglans | 18 (6) | 9 (1) |  | 52 (5) | 26 (1) |
| Liriodendron | 90 (13) | 45 (6) |  | 90 (1) | 45 (0) |
| Nyssa | 98 (8) | 49 (4) |  | 14 (2) | 7 (2) |
| Quercus | 168 (51) | 84 (16) |  | 386 (67) | 193 (19) |
| Tilia | 54 (5) | 27 (0) |  | 18 (3) | 9 (0) |
| Ulmus | 68 (52) | 34 (21) |  | N/A | N/A |
| TOTAL | 1148 (184) | 574 (79) |  | 722 (98) | 361 (27) |

**Table 2.** Annual mortality rate by species

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Genus | < 35 cm dbh | |  | ≥ 35 cm dbh | |
|  | Uncored | Cored |  | Uncored | Cored |
| TOTAL | 1.97 | 2.10 |  | 1.65 | 1.11 |
| 95% CI.low  95% CI.high | 1.70  2.28 | 1.66  2.61 |  | 1.35  2.01 | 0.73  1.61 |

Uncored overall mortality rate – 1.85%

CI.low 1.70% 95% CI.high 2.28%

Cored overall mortality rate – 1.71%

CI.low 1.40% 95% CI.high 2.20%

All trees were alive when sampled, t calculated as an average of t for each group t(cored) and t(uncored) since uncored trees were surveyed in 2008 and trees were cored in 2010/2011

in addition,

welch 2 sample t-test found no significant difference (p-value = .8467)