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Rules for coercing polygons to a growth curve

Define “appropriate growth curve” to mean a growth curve with the same bec zone and leading species as the polygon in question

**Site index problems:**

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| Problem: | Solution: |
| Polygon site index below the lowest appropriate growth curve’s site index interval | Use the appropriate growth curve with the lowest site index interval |
| Polygon site index above the highest appropriate growth curve’s site index interval | Use the appropriate growth curve with the highest site index interval |
| Polygon site index between two appropriate growth curve’s site index intervals bounds | Use the appropriate growth curve with the site index interval bound closest to the polygon’s site index |
| Polygon has no site index | Use the middlemost appropriate growth curve determined by sorting the appropriate growth curves and taking the one in the middle of the list, selecting the higher one in cases of even sized lists |

Site index problems affected 381,666 polygons, of which 38,911 did not have a site index at all.

**No appropriate growth curve problems:**

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| --- | --- | --- |
| Problem: | Solution: | # of Polygons affected by this problem: |
| Combination of polygon’s BEC Zone and polygon’s Leading Species has no growth curves | Replace the species with a similar species that does have a growth curve for that bec zone. | 36801 |
| Polygon has no species or, Polygon has no BEC Zone | Report the error to the user and skip the polygon. | 0 |