







## Localization and Calibration: Types of Multipliers in FVS Multipliers after Calibration Not attenuated ☐ Can be changed cycle to cycle ☐ Large Tree Diameter growth: BIAMULT ☐ Large Tree Height growth: HTGMULTT ☐ Small Tree height growth: REGHMULT ☐ Small Tree diameter growth: REGDMULT ☐ Crown change: CRNMULT Mortality: MORTMULT ☐ End of cycle Diameter Growth: FIXDG ☐ End of cycle Height growth: FIXHTG ☐ End of cycle Mortality: FIXMORT ☐ End of cycle crown widths: FIXCW

## Localization and Calibration: Types of Multipliers in FVS

- Example steps for correcting consistent bias large tree diameter growth
- 1. Insert CALBSTAT keyword to get values
- 2. Examine and throw out outliers
- 3. Re-run
- 4. Auxiliary file with provide average large tree diameter growth scale factors by species
- 5. Apply with READCORD keyword

## **Localization and Calibration: FVS**

Table 1—Mean large-tree diameter increment correction scale factors by species and ecological section.

Species name	Species number	Blue Ridge Mountains	Appalachlan Pledmont	Ridge & Valley
shortleaf pine	5			1.304
longleaf pine	8		**	1.087
eastern white pine	12	0.842		
lobiolly pine	13	••	0.720	1.065
virginia pine	14	0.675	0.586	0.851
hickory species	27	••	**	1.041
yellow poplar	45	0.992	**	**
scarlet oak	64	0.728	**	**
chestnut oak	74	0.749	0.797	1.056
northern red oak	75	0.808	••	••

<sup>\*</sup> Species does not occur in ecological section

<sup>&</sup>quot;Insufficient data to create mean scale factor or no bias present.