

## Implementing diversity

- the 10 20 30 rule (species/genus/family)
- modifications: 5 10 20 (adopted by Portland OR), the 5 10 15 rule

May be measured by

- number of individual trees (stem count),
- tree size (as measured by basal area -- dbh).

For tree planting projects, number of trees is the simplest measure.

*Basic rule of thumb in urban forestry that no single species should account for more than 10% of the population.*

- Mitigates risk from new pests and diseases.
- In extensive surveys, hardly any city met this goal by either method of measurement, and none met or even approached the tighter guidelines.
- Useful guide, arbitrary but helpful to reinforce the need for diversity.