### Invasive Tree-of-Heaven & Native Look-Alike Identification Drawings

<table>
<thead>
<tr>
<th>Tree-of-Heaven</th>
<th>Staghorn Sumac</th>
<th>Winged/Shining Sumac</th>
<th>Black Walnut</th>
<th>Butternut</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Allanthus abissima</em> (invasive)</td>
<td><em>Rhus typhina</em> (native)</td>
<td><em>Rhus copallina</em> (native)</td>
<td><em>Juglans nigra</em> (native)</td>
<td><em>Juglans cinerea</em> (native)</td>
</tr>
</tbody>
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- **Tree-of-Heaven**
  - Leaves: 12-23 leaves
  - Clusters of fuzzy 1/8" red drupes
  - Samaras - yellowish or brown
  - Numerous bundle scars
  - Stout and hairless

- **Staghorn Sumac**
  - Leaves: 12-24 leaves
  - Clusters of fuzzy 1/8" red drupes
  - Clusters of yellowish flowers
  - Very hairy

- **Wing-Shining Sumac**
  - Leaves: 6-14 leaves
  - Clusters of fuzzy 1/8" red drupes
  - Clusters of yellow-green flowers
  - U-shaped leaf scar

- **Black Walnut**
  - Leaves: 12-24 leaves
  - Fruit large and spherical nuts with 3-piece husks
  - Panicles of yellow-green flowers
  - Buds whitish and woolly

- **Butternut**
  - Leaves: 15-25 leaves
  - Fruits pear shaped and sticky nuts with 1-piece husks
  - Catkins
  - Catkins

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Prepared by Rachel Brooks (Virginia Tech), Barbara Bailey (VCE-Loudoun), and Beth Sastre (VCE-Loudoun). Photos by: John Seiler, Edward Jensen, Alex Niemiera, and John Peterson (http://dendro.cnre.vt.edu/dendrology/factsheets.cfm); tree-of-heaven leaves photo: Doug Goldman (hosted by the USDA-NRCS PLANTS Database).

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### Invasive Tree-of-Heaven & Native Look-Alike Identification Photographs

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