

The 24 woods with the greatest elasticity are as follows:—

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| 1. <i>Larix occidentalis</i> . | Western larch. |
| 2. <i>Betula lutea</i> . | Yellow birch. |
| 3. <i>Pinus contorta</i> . | Scrub pine. |
| 4. <i>Acer saccharinum</i> . | Sugar maple. |
| 5. <i>Betula lenta</i> . | Black birch. |
| 6. <i>Carya alba</i> . | Shell bark hickory. |
| 7. <i>Tsuga Mertensiana</i> . | Western hemlock. |
| 8. <i>Ostrya Virginica</i> . | Ironwood. |
| 9. <i>Betula papyrifera</i> . | Canoe birch. |
| 10. <i>Pseudotsuga Douglasii</i> . | Douglas fir. |
| 11. <i>Salix flavescens</i> . | Black willow. |
| 12. <i>Larix Americana</i> . | Tamarack. |
| 13. <i>Abies amabilis</i> . | White fir. |
| 14. <i>Quercus prinus</i> . | Chestnut oak. |
| 15. <i>Fagus ferruginea</i> . | Beech. |
| 16. <i>Amelanchier Canadensis</i> . | June berry. |
| 17. <i>Carya tomentosa</i> . | White heart hickory. |
| 18. <i>Carpinus Caroliniana</i> . | Hornbeam. |
| 19. <i>Quercus rubra</i> . | Red oak. |
| 20. <i>Pinus resinosa</i> . | Red pine. |
| 21. <i>Quercus prinoides</i> . | Yellow chestnut oak. |
| 22. do <i>palustris</i> . | Pin oak. |
| 23. <i>Populus trichocarpa</i> . | Western cottonwood. |
| 24. <i>Acer dasycarpum</i> . | Silver maple. |

The 24 woods with the greatest resistance to longitudinal crushing are as follows:—

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| 1. <i>Larix occidentalis</i> . | Western larch. |
| 2. <i>Amelanchier Canadensis</i> . | June berry. |
| 3. <i>Carya alba</i> . | Shell bark hickory. |
| 4. <i>Acer saccharinum</i> . | Sugar maple. |
| 5. <i>Betula lenta</i> . | Black birch. |
| 6. do <i>lutea</i> . | Yellow birch. |
| 7. <i>Carya tomentosa</i> . | White heart hickory. |
| 8. <i>Ulmus racemosa</i> . | Rock elm. |
| 9. <i>Prunus Americana</i> . | Wild plum. |
| 10. <i>Carya porcina</i> . | Pignut hickory. |
| 11. <i>Quercus prinoides</i> . | Yellow chestnut oak. |
| 12. <i>Juglans nigra</i> . | Black walnut. |
| 13. <i>Pinus contorta</i> . | Scrub pine. |
| 14. <i>Acer nigrum</i> . | black maple. |
| 15. <i>Larix Americana</i> . | Tamarack. |
| 16. <i>Tsuga Mertensiana</i> . | Western hemlock. |
| 17. <i>Prunus serotina</i> . | Black cherry. |
| 18. <i>Ostrya Virginica</i> . | Ironwood. |
| 19. <i>Ulmus fulva</i> . | Red elm. |
| 20. <i>Quercus prinus</i> . | Chestnut oak. |
| 21. <i>Cornus Florida</i> . | Dogwood. |
| 22. <i>Carya amara</i> . | Bitter hickory. |
| 23. <i>Pseudotsuga Douglasii</i> . | Douglas fir. |
| 24. <i>Quercus alba</i> . | White oak. |

The 24 woods with the greatest resistance to indentation, to the depth of 1.27 millimeters, are as follows:—

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| 1. <i>Cornus Florida</i> . | Dogwood. |
| 2. <i>Carya porcina</i> . | Pignut hickory. |
| 3. <i>Amelanchier Canadensis</i> . | June berry. |
| 4. <i>Carya tomentosa</i> . | White heart hickory. |
| 5. do <i>alba</i> . | Shell bark hickory. |
| 6. <i>Quercus prinoides</i> . | Yellow chestnut oak. |
| 7. <i>Taxus brevifolia</i> . | Western yew. |
| 8. <i>Acer nigrum</i> . | Black maple. |
| 9. do <i>saccharinum</i> . | Sugar maple. |
| 10. <i>Pirus coronaria</i> . | Crab apple. |
| 11. <i>Cornus Nuttallii</i> . | Western dogwood. |
| 12. <i>Carya amara</i> . | Bitter hickory. |
| 13. <i>Quercus Garryana</i> . | Western white oak. |
| 14. <i>Crataegus tomentosa</i> . | Black thorn. |
| 15. <i>Quercus macrocarpa</i> . | Burr oak. |
| 16. <i>Ostrya Virginica</i> . | Ironwood. |
| 17. <i>Quercus prinus</i> . | Chestnut oak. |
| 18. <i>Betula lenta</i> . | Black birch. |