

# Deciduous trees (hardwoods)

- Produce hardwood timber
- Lose their leaves in autumn (except holly)
  - Trunk divides to develop large branches
    - Branches are larger and more irregular
      - Broad leaves
  - Seeds borne in nuts/berries
  - Slow growing
  - Wood is more valuable
- Wood is harder and more durable



# Coniferous trees (softwoods)

- Produce softwood timber
- Evergreen (except larch)
- Straight trunk
- Smaller branches
- Needle-like leaves
- Seeds borne in pine cones
- Symmetrical in shape
- Grow quickly
- Wood is usually cheaper
- Wood is usually softer and less durable



# Deciduous trees



# Oak (hardwood)

- Seed called an acorn
- Hard, durable wood
- Finishes well
- Silver grain when cut radially
- Corrosive to steel – use brass fittings



- Uses
  - Furniture
  - Doors
  - Flooring
  - Boats
  - Barrels





# Acorn (Oak Seed)



# Elm (hardwood)

Attractive grain

- Resists splitting
- Moisture resistant

• Uses

- Woodturning
- Garden furniture
- Outdoor projects



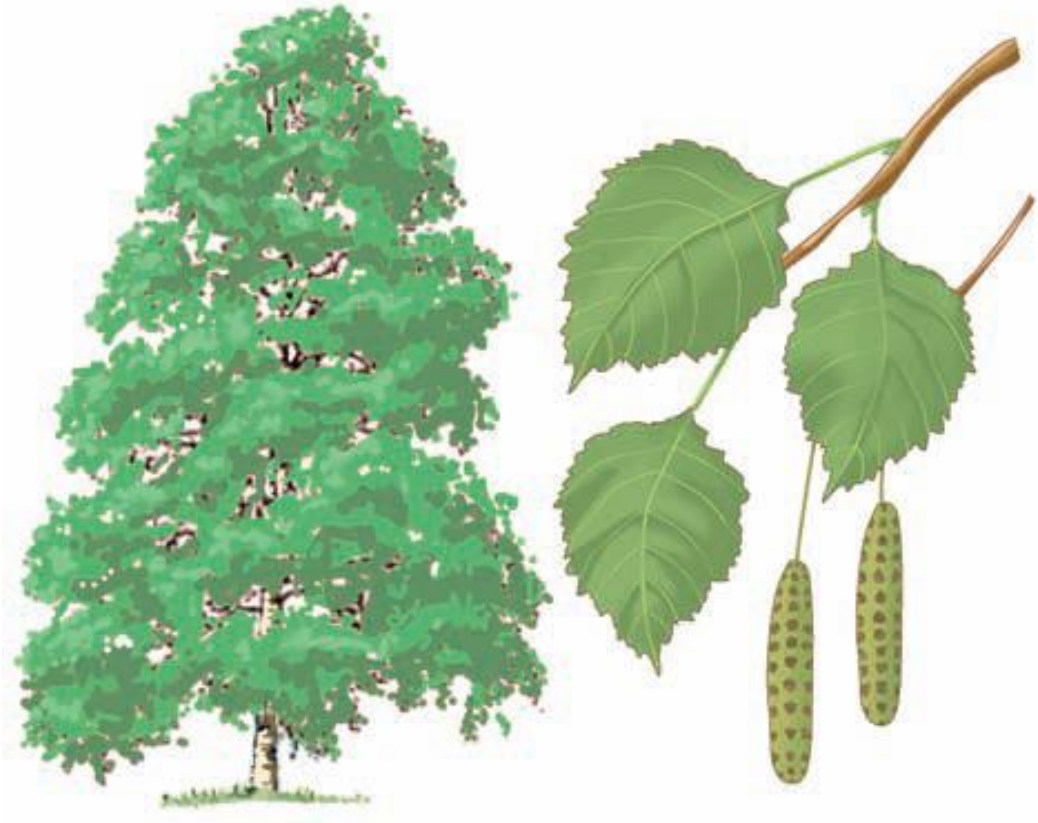
# Elm Seed





## Birch (hardwood)

- Not a large tree
- Common in Ireland
- Light-coloured wood
- Uses
  - Making plywood
  - Furniture
  - Flooring



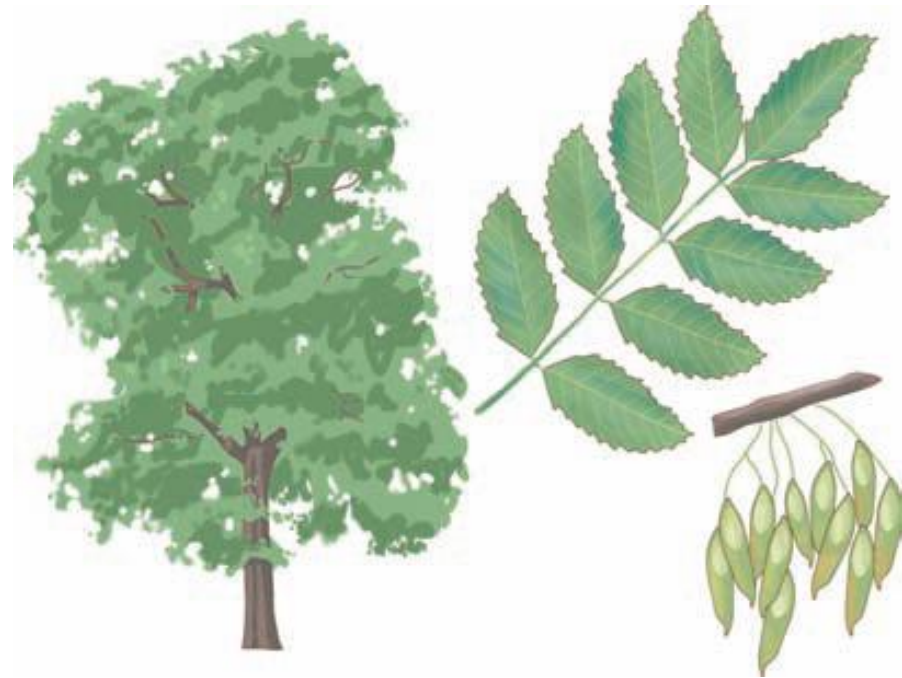


# Birch Seed Pods



# Ash (hardwood)

- Very common tree
- Grows quickly
- Hard, durable wood
- Wood is light-coloured
- Distinctive grain
- Elastic properties



- Uses
  - Hurleys
  - Furniture
  - Tool handles
  - Laminating



# Ash Seed



# Beech (hardwood)

- Common slow growing tree with smooth grey bark
- Light-coloured wood
- Close-grained
- Durable and hard-wearing
- Uses
  - Furniture and flooring
  - Mallets, bench hooks, gauges
  - Kitchen utensils



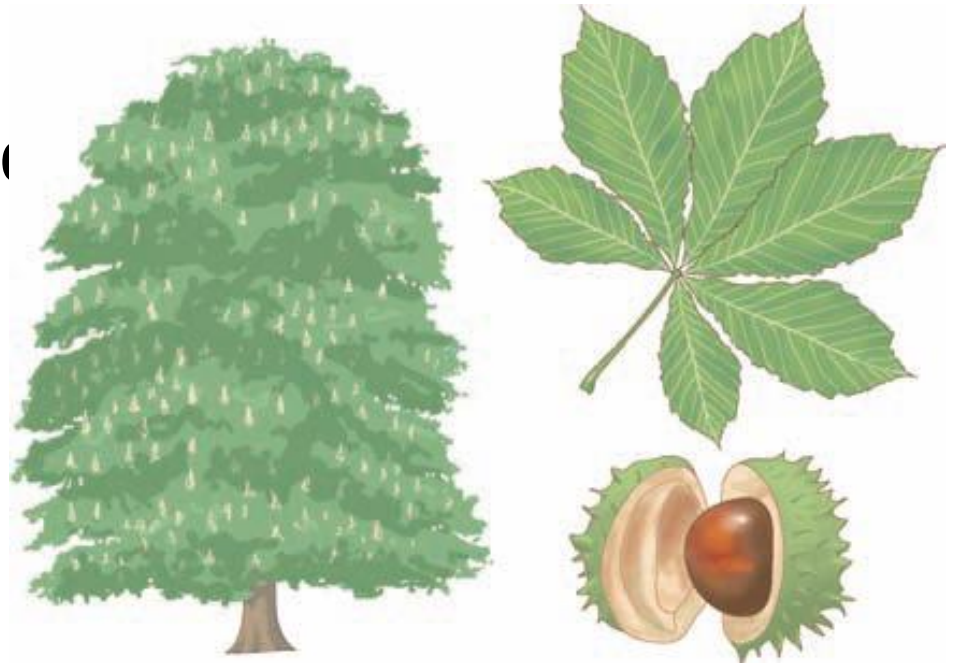


# Beech-nuts



# Horse chestnut (hardwood)

- Seeds – conkers
- Light-coloured wood
- Not durable
  
- Uses
  - Packing cases
  - Wood pulp





# Conkers



# Spanish chestnut (hardwood)

- Wood similar to oak
- Light brown colour
- Uses
  - Flooring
  - Kitchen units
  - Furniture



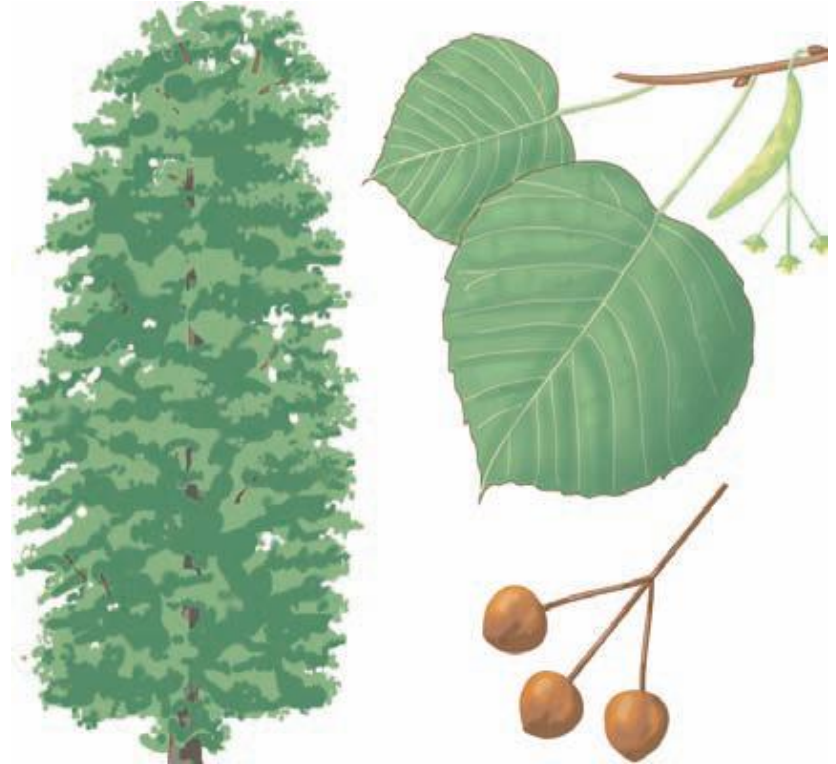


# Chestnut Seed



# Lime (hardwood)

- Fast growing tree
- Absorbs air pollution
- Pale cream-coloured wood
- Easy to work with
- Uses
  - Carving
  - Musical instruments



# Lime Wood Seed





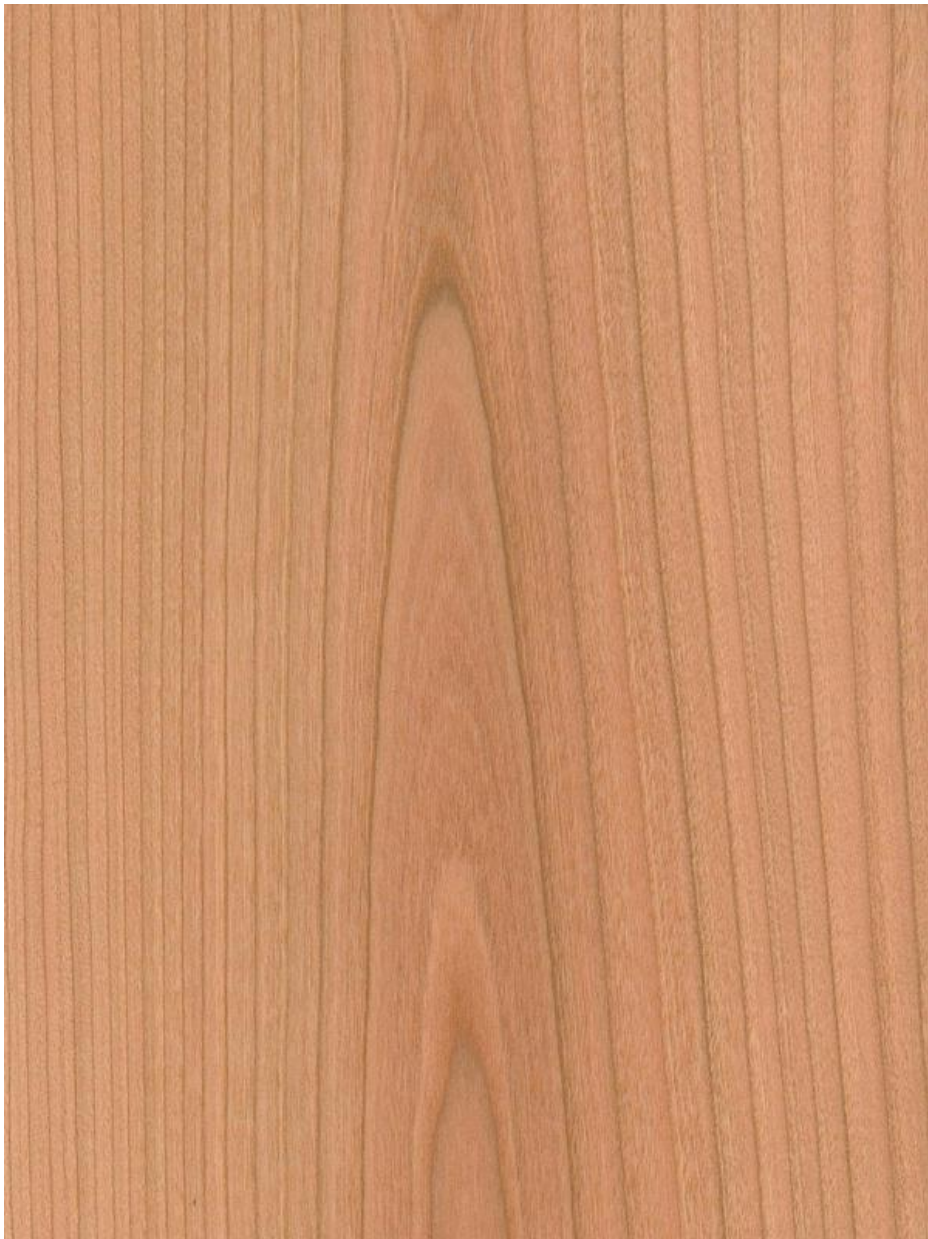
# Cherry (hardwood)

- Small decorative tree
- Expensive wood
- Rich brown colour
- Uses
  - High-quality furniture
  - Flooring
  - Cabinets
  - Veneers



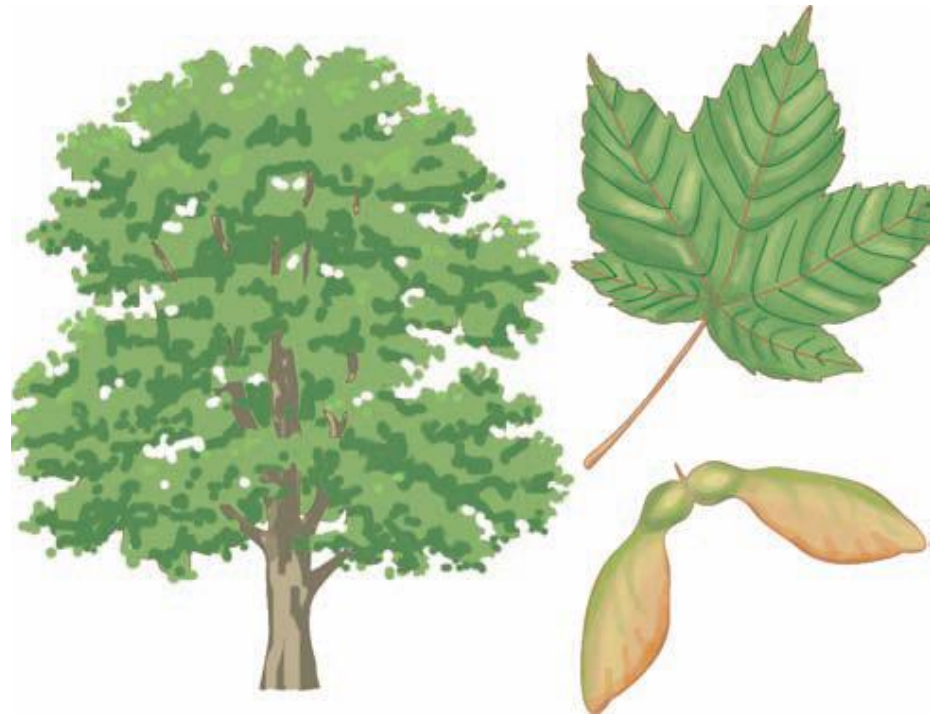


# Cherry Seed



# Sycamore (hardwood)

- Very common in Ireland
- Winged seeds – helicopters
- Light-coloured wood
- Uses
  - Carving
  - Veneering
  - Woodturning
  - Violin making





# Samaras (seed)



# Maple (hardwood)

- Hard-wearing wood
- Light-coloured
- Durable
  
- Uses
  - Kitchen units
  - Maple flooring
  - Veneers
  - Furniture making

