

Reference No. _____ Date: _____

Initials Number

Common name: _____

Scientific name: _____

Location _____

Habitat _____

Habit _____

GPS _____ or _____

UTM _____ Latitude _____ Longitude _____

X _____

Name of person collecting data (Please print clearly)

1 Branching / leaf arrangement (or Leaf scars)

- 1 Opposite
- 2 Alternate
- 3 Spiral
- 4 Whorled

2 Internal feature of Twig (lateral section)

- 1 Spongy & continuous
- 2 Diaphragmed
- 3 Chambered

3 Internal feature of Twig (cross section)

- 1 Triangle
- 2 Star shaped (multiple points)
- 3 Round

4 Pith color

- 1 White
- 2 Brown
- 3 Green
- 4 Pink

5 Twig surface textures

- 1 Hairy
- 3 Glabrous
- 4 Lustrous
- 5 Thorns, spines or prickles

6 Twig taste / smell

- 1 No taste/smell
- 2 Disagreeable
- 3 Bitter Almond
- 4 Wintergreen
- 5 Camphor

7 Bark texture (age of tree will effect bark texture)

- 1 Smooth (or nearly smooth)
- 2 Peeling
- 3 Scaly (patches of thin bark)
- 4 Shaggy
- 5 Furrowed (or ridges)
- 6 Blocky (small blocks of bark)
- 7 Netted (criss crossing pattern)

8 1 Monopodial (true end bud)

- 2 Sympodial geniculate
(zig zag - end leaf - no end bud)

9 Leaf scar shape

- 01 Horse shoe (Nearly surrounds bud)
- 02 U shaped
- 03 Half round
- 04 Crescent
- 05 Shield shaped
- 06 Heart shaped (or 3 lobed)
- 07 V shaped
- 08 Round
- 09 Triangular
- 10 Linear



Sketch of leaf scar with vascular bundle scars

Photos of leaf scars

This is the heart of the study (please take extra care with this data)

10 Bark pattern around branches

- 1 Round
- 2 Tent
- 3 Eye
- 4 Drape
- 5 Under only
- 6 Cone
- 7 None

11 Leaf Type (if available)

- 1 Simple
- Compound
 - 2 Opposite or in pairs
 - 3 Alternate
 - 4 Basal
 - 5 Whorl or Spiral
 - 6 Double Compound

Photos of:

- Whole Tree (with scale in photo ___ft above ground)
- Leaves (if available)
- Blossoms (if available)
- Fruit (if available - look on ground around tree)
- Bark (with scale)
- Photos of leaf scars
- Bark pattern around branches

Collect twigs specimens (plus Leaf and Fruit if possible)

Send photos and collected material to:

Leroy Jones
PO Box 140
Woolwine, VA 24185

Photos and images of forms can be emailed to
ljones42000@yahoo.com