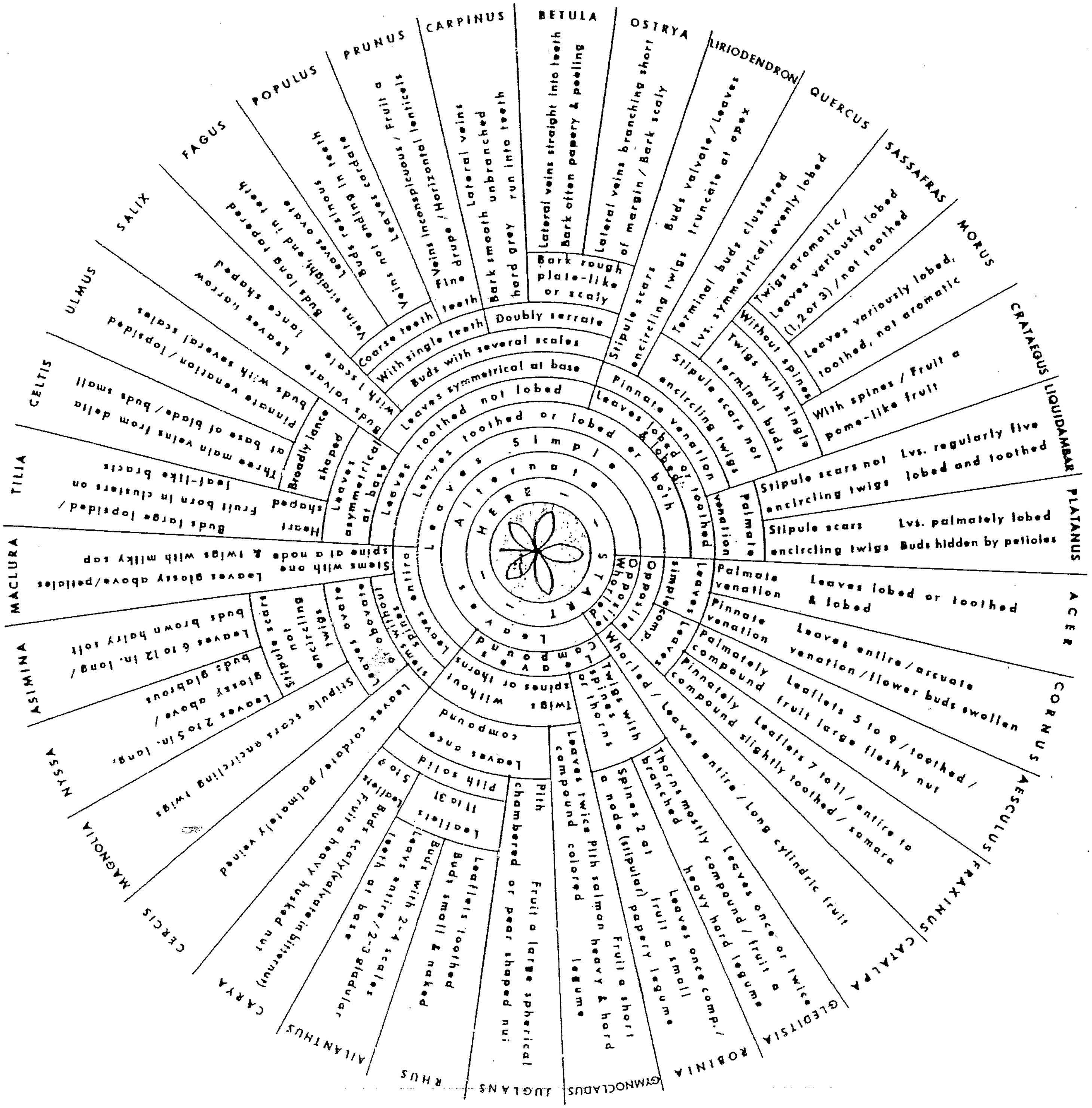

START
HERE
Leaves Alternate
Leaves Simple
Leaves toothed or lobed or both
Leaves toothed not lobed
Buds symmetrical at base
Buds with several scales
With single teeth
Coarse teeth
Fine teeth
Doubly serrate
Bark rough plate-like or scaly
PRUNUS
Veins not ending in teeth / Fruit a drupe / Horizontal lenticels
CARPINUS
Veins inconspicuous / Lateral veins unbranched run into teeth / Bark smooth hard grey
BETULA
Lateral veins straight into teeth / Bark often papery & peeling
OSTRYA
Lateral veins branching short of margin / Bark scaly
POPULUS
Buds resinous / Leaves cordate / Leaves ovate
FAGUS
Buds long tapered / Veins straight, end in teeth
SALIX
Leaves narrow lance shaped
Buds valvate / with 1 scale
ULMUS
Leaves with several scales / Pinnate venation / lopsided
CELTIS
Three main veins from base of blade / buds small
Broadly lance shaped
Leaves asymmetrical at base
TILIA
Heart shaped
Buds large lopsided / Fruit born in clusters on leaf-like bracts
Leaves lobed or both lobed & toothed
Pinnate venation
Stipule scars encircling twigs
LIRIODENDRON
Buds valvate / Leaves truncate at apex
QUERCUS
Stipule scars not encircling twigs
Terminal buds clustered
Lvs. symmetrical, evenly lobed
Twigs with single terminal buds
SASSAFRAS
Without spines
Twigs aromatic / Leaves variously lobed (1, 2 or 3) / not toothed
MORUS
Leaves variously lobed, toothed, not aromatic
CRATAEGUS
With spines / Fruit a pome-like fruit
Palmate venation
LIQUIDAMBAR
Stipule scars not encircling twigs
Lvs. regularly five lobed and toothed
PLATANUS
Stipule scars encircling twigs
Lvs. palmately lobed Buds hidden by petioles
Leaves entire
MACLURA
Stems with one spine at a node & twigs with milky sap
Leaves glossy above / petioles
Stems without spines
Leaves obovate
ASIMINA
Stipule scars not encircling twigs
Leaves 6 to 12 in. long / buds brown hairy soft
MAGNOLIA
Leaves 2 to 5 in. long / glossy above / buds glabrous
NYSSA
Stipule scars encircling twigs
Leaves ovate
CERCIS
Leaves cordate / palmately veined
Leaves Compound
Twigs without spines or thorns
Leaves once compound
Pith solid
Leaflets 5 to 9
CARYA
Fruit a heavy husked nut / Buds scaly (valvate in bitternut)
Leaflets 11 to 31
AILANTHUS
Leaves entire / 2-3 glandular teeth at base
RHUS
Buds with 2-4 scales
Leaflets toothed / Buds small & naked
Pith chambered
JUGLANS
Fruit a large spherical or pear shaped nut
GYMNOCLADUS
Leaves twice compound / Pith salmon colored
Fruit a short heavy & hard legume
Twigs with spines or thorns
ROBINIA
Spines 2 at a node (stipular)
Leaves once comp. / fruit a small papery legume
GLEDITSIA
Thorns mostly branched
Leaves once or twice compound / fruit a heavy hard legume
Leaves Opposite
Whorled
CATALPA
Whorled / Leaves entire / Long cylindric fruit
Leaves simple
Palmate venation
ACER
Leaves lobed or toothed & lobed
Pinnate venation
CORNUS
Leaves entire / arcuate venation / flower buds swollen
Leaves comp.
Palmately compound
AESCULUS
Leaflets 5 to 9 / toothed / fruit large fleshy nut
Pinnately compound
FRAXINUS
Leaflets 7 to 11 / entire to slightly toothed / samara