

Winter Plant Identification Training

For NRCS Field Office Staff

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Eleanor Schumacher, NRCS Liaison ~ Pollinator Partnership

www.pollinator.org



Familiar Sights in the Field - not indications of quality habitat

Big Bluestem
- *Andropogon gerardii*



Tall or Canada Goldenrod
- *Solidago altissima/canadensis*



Giant Ragweed
- *Ambrosia trifida*

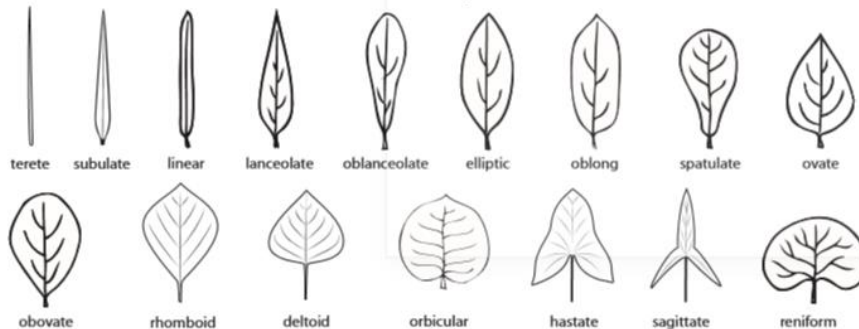


Getting familiar with botanical terminology

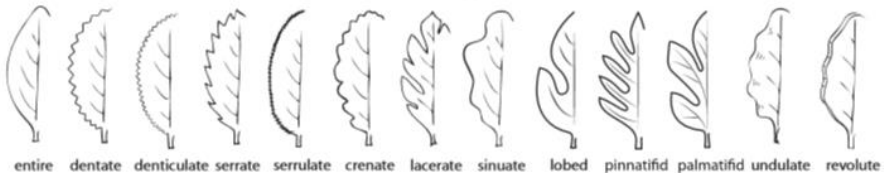


Illustrated Plant Structures

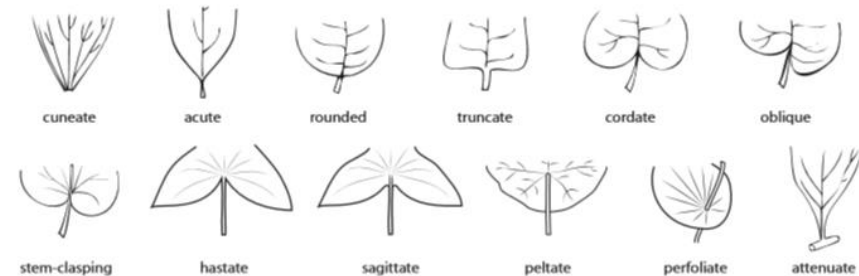
Leaf Shapes



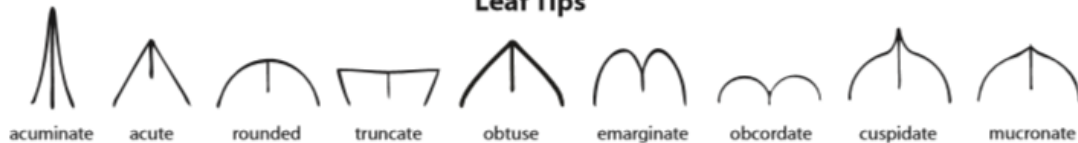
Leaf Margins



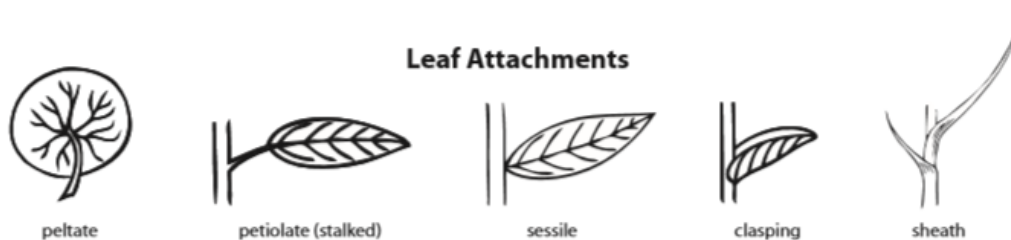
Leaf Bases



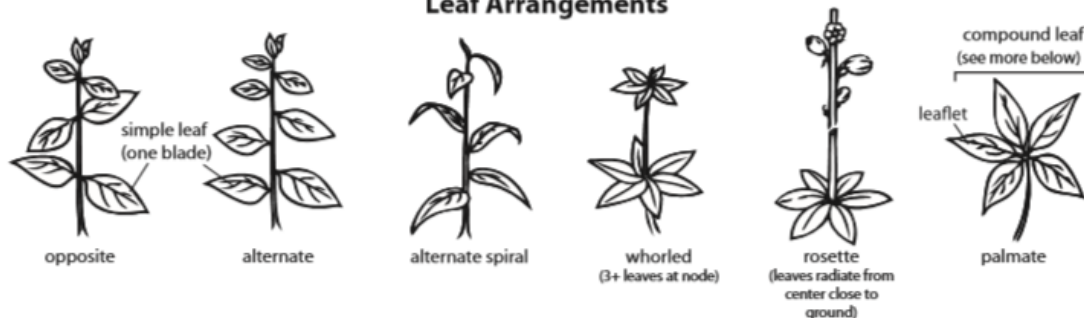
Leaf Tips



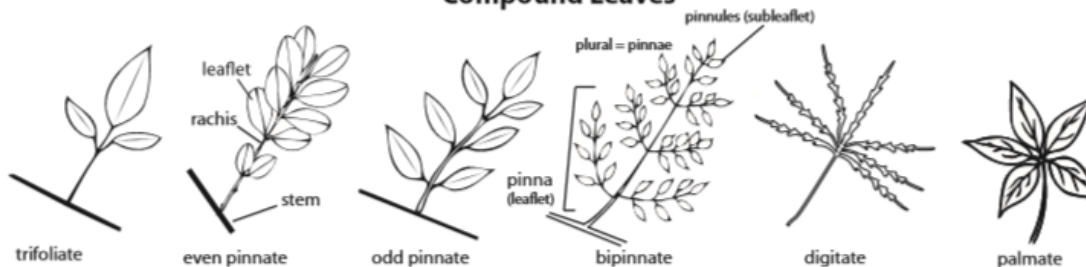
Leaf Attachments



Leaf Arrangements



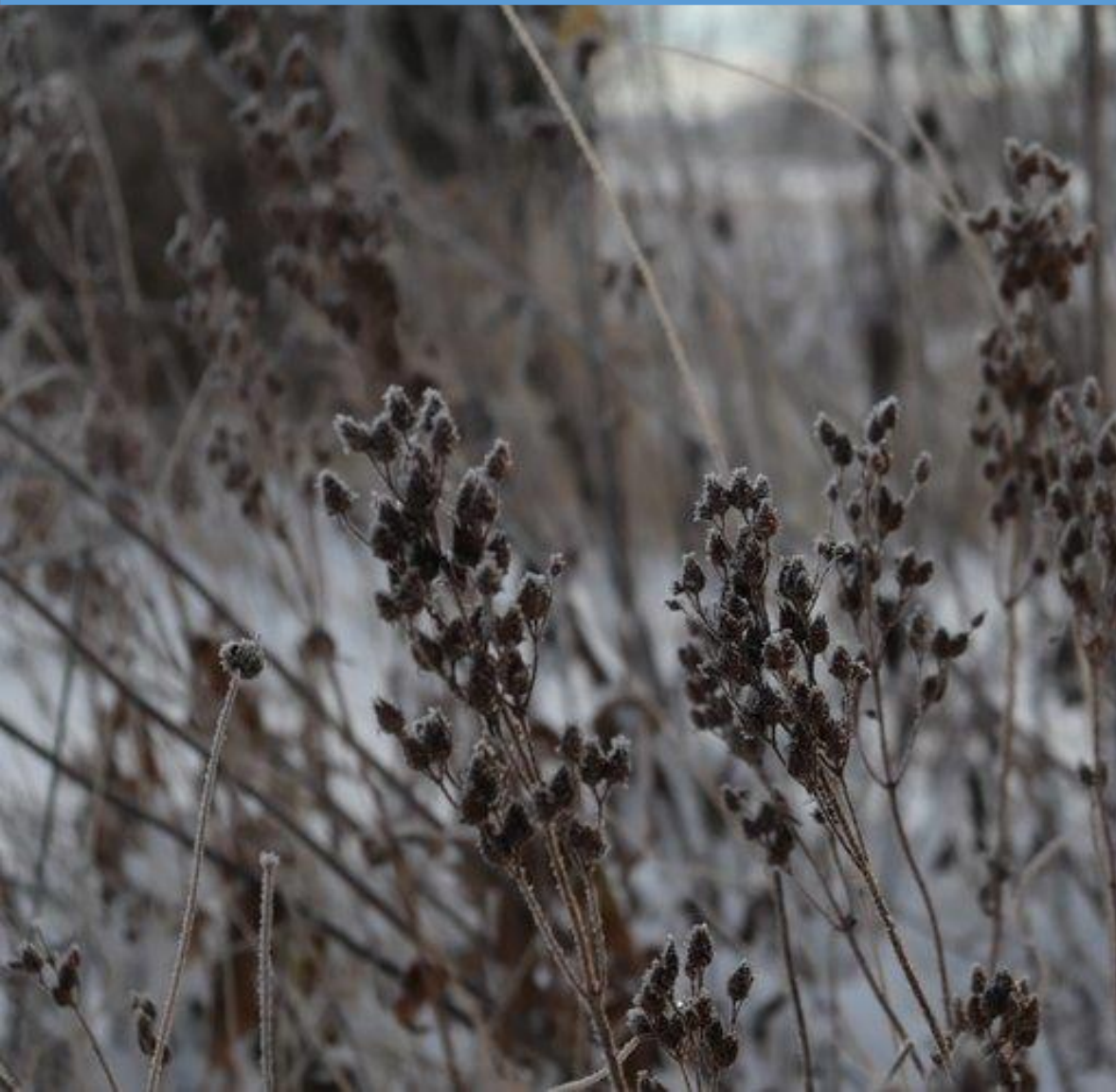
Compound Leaves



Penstemon digitalis
foxglove beardtongue



Penstemon digitalis
foxglove beardtongue



Photos: Shaun Booth – In Our Nature

Baptisia alba, bracteata, australis
wild white, cream and false indigo



Photos: Amber Barnes

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Baptisia alba, bracteata, australis
wild white, cream or false indigo



Photos: Amber Barnes

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Asclepias species milkweeds



Asclepias syriaca common milkweed



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Asclepias incarnata swamp milkweed



Asclepias tuberosa butterfly milkweed



Amber Barnes



Amber Barnes



Amber Barnes

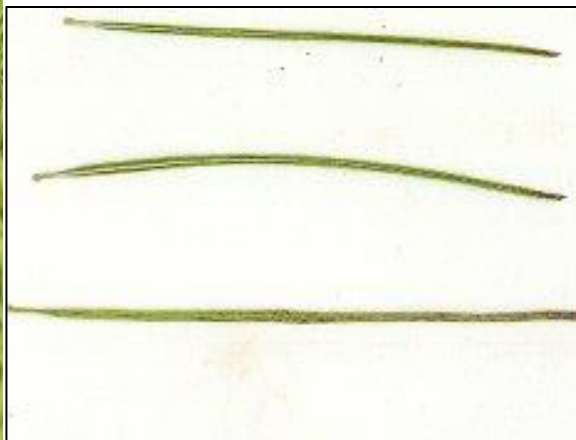


Amber Barnes

Asclepias verticillata whorled milkweed



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Amber Barnes

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Asclepias Winter ID

pictured: common milkweed



Photos: Amber Barnes

Don't be fooled by other milky sap producing plants...

Spreading Dogbane (Apocynum androsaemifolium)



Rudbeckia hirta
black-eyed susan



Rudbeckia hirta
black-eyed susan



Veronicastrum virginicum culver's root



Amber Barnes

Veronicastrum virginicum
culver's root



Ratibida pinnata
yellow coneflower or gray-headed coneflower



© Keir Morse



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Ratibida pinnata

yellow coneflower or gray-headed coneflower



Verbena hastata blue vervain



Photos: Eleanor Schumacher

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Desmanthus illinoensis

Illinois bundleflower



Photos: Eleanor Schumacher

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Eryngium yuccifolium rattlesnake master



Silphium laciniatum, terebinthinaceum compass plant, prairie dock



Photos: Amber Barnes



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Helianthus mollis ashy sunflower



Helianthus divaricatus

woodland sunflower



Photos: Shaun Booth – In Our Nature

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Chamaecrista fasciculata partridge pea



Photos: Amber Barnes



Photo: Eleanor Schumacher

Oenothera biennis

common evening primrose



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Pycnanthemum tenuifolium narrowleaf mountain mint



© 2003 Eleanor Saulys



Photo: Amber Barnes



Photo: Eleanor Schumacher

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Pycnanthemum virginianum

Virginia mountain mint



Amber Barnes



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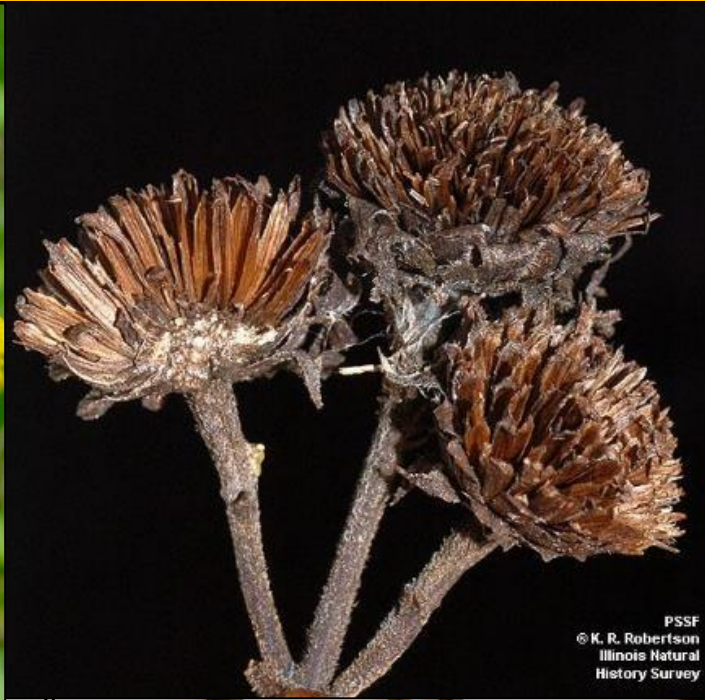
Amber Barnes



Heliopsis helianthoides ox-eye sunflower



Dan Tenaglia, Missouri Plants



PSSF
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Illinois Natural
History Survey



Prairie Moon Nursery

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Echinacea purpurea purple coneflower



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Monarda fistulosa wild bergamot



Photos: Shaun Booth – In Our Nature

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Coreopsis tripteris tall coreopsis



Photo: Eleanor Schumacher

Photos: Amber Barnes

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Helenium autumnale sneezeweed



Photos: Amber Barnes



Photo: April Moore

Oligoneuron rigidum stiff goldenrod



Photos: Amber Barnes
John Hilty, Illinois Wildflowers

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Gentiana andrewsii

bottle gentian

Photo: R. W. Smith



Photo: Shaun Booth – In Our Nature



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Symphotrichum laeve ~ smooth blue aster

Symphotrichum novae-angliae ~ New England aster





Thank you!



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