

Wildflowers

THE BULLETIN OF THE BOTANICAL SOCIETY OF W. PA.

MARCH MEETING

Our next meeting will be Monday, March 9 - at 8:00 P.M. - at our usual meeting place, which is Trinity Hall, Carlow College, 3333 Fifth Ave., Oakland.

Our speaker will be Sr. Bernadette Fondi, Ph.D. on the subject "The Power of Plants to Survive and Sustain".

IT'S SNOW BIG DEAL

We have been very fortunate. I can't remember when we ever had to call off a meeting because of snow.

It could happen, though. Even San Diego had snow last week. We wouldn't want any member trudging through the snow to a meeting that had been cancelled. So, we worked out this plan at our February meeting.

In an iffy situation, when there is some doubt as to whether the meeting will take place, our president will make a firm decision by 5 P.M. She will then notify these five members --

Bob Bahl = 921-1797
Virginia Craig = 683-1444
Walt Gardill = 364-5308
Myrta Macdonald = 741-8074
Bob Morgan = 882-04833

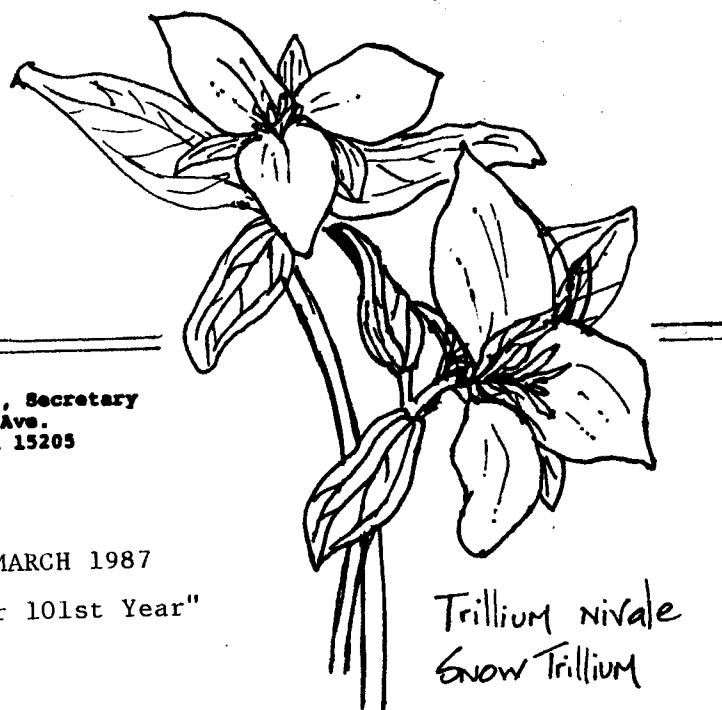
Any members planning to attend the night's meeting can then phone any of the five to get a definite answer - yes or no. Don't wait until the last minute to check. Remember, the five on the list need time to get to the meeting, maybe even extra time if the roads are bad.

Save the list of numbers for future reference.

Robert F. Bahl, Secretary
401 Clearview Ave.
Pittsburgh, PA 15205
(412)921-1797

MARCH 1987

"Our 101st Year"



TRILLIUM NIVALE

This sketch of the Snow Trillium is from one of our newer members, Beth Hedin.

Where can you find Snow Trillium? I have seen it at --

1. Guffey Hollow
2. North Park
3. The hillside along Rte. 30 approaching Raccoon Creek Park
4. Our back yard

WEEK ON THE BRUCE

We haven't yet received any sign-off notice for the week on the Bruce Peninsula in June, so there must still be room.

The Botanical Society's contingent is now up to seven. Any more?

If you have any questions, call me at 921-1797.

OUR NEW TREASURER

FORT NECESSITY BATTLEFIELD

EQUISETACEAE

Equisetum arvense L.

LYCOPODIACEAE

Lycopodium complanatum L.

Lycopodium obscurum L.

OPHIOGLOSSACEAE

Botrychium dissectum Spreng.

Botrychium dissectum f. *obliquum* (Muhl.) Fern.

OSMUNDACEAE

Osmunda cinnamomea L.

POLYPODIACEAE

Asplenium platyneuron (L.) Oakes

**Athyrium filix-femina* (L.) Roth

Dennstaedtia punctilobula (Michx.) Moore

**Dryopteris spinulosa* (O.F. Muell.) Watt

Onoclea sensibilis L.

**Polystichum acrostichoides* (Michx.) Schott

**Pteridium aquilinum* (L.) Kuhn

PINACEAE

**Pinus resinosa* Ait.

**Pinus strobus* L.

**Tsuga canadensis* (L.) Carr.

TYPHACEAE

Typha latifolia L.

ALISMATACEAE

Sagittaria latifolia Willd.

GRAMINEAE

Andropogon, sp. L.

Dactylis glomerata L.

Holcus lanatus L.

Panicum clandestinum L.

Phleum pratense L.

HORSETAIL FAMILY

Field Horsetail (a)

CLUB-MOSS FAMILY

Ground Pine (d)

Tree Club Moss (d)

ADDER'S TONGUE FAMILY

Cutleaf Grape Fern (d)

Ternate Grape Fern (d)

FLOWERING FERN FAMILY

Cinnamon Fern (b)

FERN FAMILY

Ebony Spleenwort (b)

Lady Fern (b)

Hay-scented Fern (b)

Spinulose Wood Fern (d)

Sensitive Fern (b)

Christmas Fern (d)

Bracken (b)

PINE FAMILY

Red Pine (d)

White Pine (d)

Eastern Hemlock (d)

CAT-TAIL FAMILY

Common Cattail (b)

WATER-PLATAIN FAMILY

Broad-leaved Arrowhead (b)

GRASS FAMILY

Beardgrass (b)

Orchard Grass (Alien) (b)

Velvet Grass (Alien) (b)

Hidden Panic Grass (b)

Common Timothy (Alien) (b)

Cyperus, sp. L.
Eleocharis, sp. R. Br.
Scirpus, sp. L.

ARACEAE

Symplocarpus foetidus (L.) Nutt.

JUNCACEAE

*Juncus, sp. L.

LILIACEAE

Allium vineale L.
Lilium superbum L.
*Smilax herbacea L.
*Smilax rotundifolia L.
Veratrum viride Ait.

IRIDACEAE

Sisyrinchium angustifolium Mill.

ORCHIDACEAE

*Goodyera pubescens (Willd.) R. Br.
Habenaria plantanthera (Michx.) Lodd.

SALICACEAE

*Populus grandidentata Michx.

CORYLACEAE

Alnus serrulata (Ait.) Willd.
*Corylus americana Walt.

FAGACEAE

*Quercus alba L.

POLYGONACEAE

Polygonum sagittatum L.
Rumex acetosella L.
Rumex crispus L.
Rumex obtusifolius L.

Sedge (b)
Spike Rush (b)
Bulrush (b)

ARUM FAMILY

Skunk Cabbage (a)

RUSH FAMILY

Wood Rush (a)

LILY FAMILY

Field Garlic (Alien) (b)
Turk's-cap Lily (b)
Carrion-flower (b)
Common Catbrier (b)
Indian Poke (b)

IRIS FAMILY

Narrow-leaved Blue-eyed Grass (b)

ORCHIS FAMILY

Downy Rattlesnake Plantain (b)
Ragged Orchis (b)

WILLOW FAMILY

Large-toothed Aspen (a)

HAZEL FAMILY

Common Alder (a)
American Hazelnut (a)

BEECH FAMILY

White Oak (a)

BUCKWHEAT FAMILY

Arrow-leaved Tearthumb (b)
Sheep Sorrel (Alien) (b)
Yellow Dock (Alien) (b)
Bitter Dock (Alien) (b)

CARYOPHYLLACEAE

- Stellaria graminea* L.
- Stellaria pubera* Michx.

RANUNCULACEAE

- **Anemonella thalictroides* (L.) Spach
- **Clematis virginiana* L.
- Ranunculus acris* L.
- **Ranunculus hispidus* Michx.
- Ranunculus recurvatus* Poir.
- Thalictrum polygamum* Muhl.

BERBERIDACEAE

- **Berberis thunbergii* DC
- **Podophyllum peltatum* L.

MAGNOLIACEAE

- **Liriodendron tulipifera* L.

LAURACEAE

- **Sassafras albidum* (Nutt.) Nees

CRUCIFERAE

- Barbarea vulgaris* R. Br.
- Brassica nigra* (L.) Koch
- Cardamine pennsylvanica* Muhl.

ROSACEAE

- Agrimonia*, sp. L.
- Amelanchier arborea* (Michx. f.) Fern.
- Crataegus*, sp. L.
- Fragaria virginiana* Duchesne
- Potentilla recta* L.
- Potentilla simplex* Michx.
- **Prunus serotina* Ehrh.
- Rosa carolina* L.
- Rosa multiflora* Thunb.
- **Rubus allegheniensis* Porter
- Rubus flagellaris* Willd.
- **Rubus occidentalis* L.
- Spirea latifolia* (Ait.) Borkh.

PINK FAMILY

- Common Stitchwort (Alien) (a)
- Star Chickweed (a)

CROWFOOT FAMILY

- Rue Anemone (a)
- Virgin's Bower (b)
- Tall Buttercup (Alien) (a)
- Hispid Buttercup (a)
- Hooked Buttercup (a)
- Tall Meadow-rue (b)

BARBERRY FAMILY

- Japanese Barberry (Alien) (a)
- Mayapple (a)

MAGNOLIO FAMILY

- Tulip Poplar (a)

LAUREL FAMILY

- White Sassafras (a)

MUSTARD FAMILY

- Yellow Rocket (Alien) (a)
- Black Mustard (Alien) (a)
- Pennsylvania Bitter Cress (a)

ROSE FAMILY

- Agrimony (b)
- Serviceberry (a)
- Hawthorn (a)
- Wild Strawberry (a)
- Rough-fruited Cinquefoil (Alien) (a)
- Old-field Cinquefoil (a)
- Wild Black Cherry (a)
- Pasture Rose (b)
- Multiflora Rose (Alien) (a)
- Blackberry (a)
- Dewberry (a)
- Black Raspberry (a)
- Meadow-sweet (b)

LEGUMINOSAE

Coronilla varia L.
Robinia pseudo-acacia L.
Trifolium agrarium L.
Trifolium pratense L.
Trifolium procumbens L.

OXALIDACEAE

Oxalis europaea Jord.

GERANIACEAE

Geranium maculatum L.

POLYGALACEAE

Polygala sanguinea L.

ANACARDIACEAE

Rhus copallina L.
Rhus radicans L.
*Rhus typhina L.
Rhus glabra L.

ACERACEAE

*Acer rubrum L.

BALSAMINACEAE

Impatiens capensis Meerb.
Impatiens pallida Nutt.

GUTTIFERAE

Hypericum mutilum L.
Hypericum perforatum L.

VIOLACEAE

Viola blanda Willd.
Viola conspersa Reichenb.
Viola cucullata Ait.
*Viola hastata Michx.
Viola papilionacea Pursh.
*Viola rotundifolia Michx.
Viola sagittata Ait.
*Viola septentrionalis Greene

PULSE FAMILY

Crown Vetch (Alien) (b)
Black Locust (a)
Hop Clover (Alien) (b)
Red Clover (Alien) (a)
Low Hop Clover (Alien) (b)

WOOD-SORREL FAMILY

Yellow Wood Sorrel (a)

GERANIUM FAMILY

Wild Cranesbill (a)

MILKWORT FAMILY

Field Milkwort (a)

CASHEW FAMILY

Shining Sumac (b)
Poison Ivy (b)
Staghorn Sumac (b)
Smooth Sumac (b)

MAPLE FAMILY

Red Maple (Flowers) (a)

TOUCH-ME-NOT FAMILY

Spotted Touch-me-not (b)
Pale Touch-me-not (b)

ST. JOHN'S-WORT FAMILY

Dwarf St. Johnswort (b)
Common St. Johnswort (Alien) (b)

VIOLET FAMILY

Sweet White Violet (a)
Dog Violet (a)
Marsh Blue Violet (a)
Halberd-leaved Violet (a)
Common Blue Violet (a)
Round-leaved Yellow Violet (a)
Arrow-leaved Violet (a)
Northern Blue Violet (a)

CAMPANULACEAE

Lobelia inflata L.
Lobelia spicata Lam.

BLUEBELL FAMILY

Indian Tobacco (b)
 Pale-spiked Lobelia (b)

COMPOSITAE

Achilles millefolium L.
Ambrosia artemisiifolia L.
Antennaria neglecta Greene
Arctium minus (Hill) Bernh.
Aster laevis L.
Aster lateriflorus (L.) Britt.
Aster lowrieanus Porter
Aster novae-angliae L.
Aster prenanthoides Muhl.
Aster puniceus L.
Aster tradescanti L.
Aster umbellatus Mill.
Cacalia atriplicifolia L.
Chrysanthemum leucanthemum L.
Cichorium intybus L.
Cirsium arvense (L.) Scop.
Cirsium muticum (L.)
Cirsium pumilium (Nutt.) Spreng.
Erigeron annuus (L.) Pers.
Eupatorium perfoliatum L.
Eupatorium, sp. L.
Helenium autumnale L.
Helenium nudiflorum Nutt.
Hieracium aurantiacum L.
Hieracium canadense Michx.
Hieracium pratense Tausch
Hypochaeris radicata L.
Rudbeckia hirta L.
Senecio aureus L.
Silphium trifoliatum L.
Solidago altissima L.
Solidago graminifolia (L.) Salisb.
Solidago nemoralis Ait.
Solidago rugosa Ait.
Solidago squarrosa Muhl.
Taraxacum officinale Weber
Tussilago farfara L.
Vernonia noveboracensis (L.) Michx.

COMPOSITE FAMILY

Yarrow (Alien) (b)
 Common Ragweed (b)
 Field Pussytoes (a)
 Common Burdock (Alien) (b)
 Smooth Aster (c)
 Calico Aster (c)
 Lowrie's Aster (c)
 New England Aster (c)
 Crooked-stem Aster (c)
 Purple-stemmed Aster (c)
 Tradescant's Aster (c)
 Tall Flat-top White Aster (c)
 Pale Indian-plantain (b)
 Oxeye Daisy (Alien) (b)
 Chicory (Alien) (b)
 Canada Thistle (Alien) (b)
 Swamp Thistle (b)
 Pasture Thistle (b)
 Daisy Fleabane (b)
 Boneset (b)
 Joe-Pye Weed (b)
 Sneezeweed (c)
 Purple-headed Sneezeweed (b)
 Orange Hawkweed (Alien) (b)
 Canada Hawkweed (b)
 King Devil (Alien) (b)
 Cat's-ear (Alien) (b)
 Black-eyed Susan (b)
 Golden Ragwort (a)
 Whorled Rosinweed (b)
 Tall Goldenrod (c)
 Lance-leaved Goldenrod (c)
 Gray Goldenrod (b)
 Rough-stemmed Goldenrod (b)
 Stout Goldenrod (b)
 Common Dandelion (Alien) (a)
 Coltsfoot (Alien) (a)
 New York Ironweed (b)

CONVOLVULACEAE

Convolvulus sepium L.

VERBENACEAE

Verbena hastata L.

LABIATAE

Blephilia ciliata (L.) Benth.
Glechoma hederacea L.
Lycopus virginicus L.
Mentha spicata L.
Prunella vulgaris L.
Pycnanthemum tennifolium Schrad.
Satureja vulgaris (L.) Fritsch

SOLANACEAE

Physalis heterophylla Nees
Solanum carolinense L.

SCROPHULARIACEAE

Gratiola neglecta Torr.
Mimulus ringens L.
Pedicularis canadensis L.
Veronica officinalis L.
Veronicastrum virginicum (L.) Farw.

PLANTAGINACEAE

Plantago lanceolata L.
Plantago major L.

RUBIACEAE

Galium mollugo L.
Houstonia caerulea L.
**Houstonia purpurea* L.
Mitchella repens L.

CAPRIFOLIACEAE

Lonicera tatarica L.
Sambucus canadensis L.
Viburnum recognitum Fern.

DIPSACACEAE

Dipsacus sylvestris Huds.

CONVOLVULUS FAMILY

Hedge Bindweed (b)

VERVAIN FAMILY

Blue Vervain (b)

MINT FAMILY

Downy Wood Mint (b)
Gill-over-the ground (alien), Ground Ivy (b)
Bugleweed (b)
Spearmint (Alien) (b)
Heal-all (Alien) (b)
Mountain Mint (b)
Basil (b)

NIGHTSHADE FAMILY

Clammy Ground Cherry (a)
Horse Nettle (b)

FIGWORT FAMILY

Clammy Hedge Hyssop (b)
Square-stemmed Monkey Flower (b)
Wood Betony (a)
Common Speedwell (a)
Culver's Root (b)

PLANTAIN FAMILY

English Plantain (Alien) (a)
Common Plantain (Alien) (a)

MADDER FAMILY

Wild Madder (b)
Bluets (a)
Large Houstonia (a)
Partridge-berry (a)

HONEYSUCKLE FAMILY

Tartarian Honeysuckle (Alien) (a)
Common Elder (b)
Arrowood (a)

TEASEL FAMILY

Wild Teasel (Alien) (b)

ONAGRACEAE

Epilobium coloratum Biehler
Ludwigia alternifolia L.
Oenothera biennis L.
Oenothera fruticosa L.
Oenothera perennis L.

ARALIACEAE

*Aralia racemosa L.
*Aralia spinosa L.

UMBELLIFERAE

Daucus carota L.
*Osmorhiza longistylis (Torr.) DC.
Oxypolis rigidior (L.) C. & R.
Pastinaca sativa L.

CORNACEAE

Cornus amomum Mill.
Cornus florida L.
Cornus racemosa Lam.

PYROLACEAE

*Monotropa uniflora L.

ERICACEAE

*Gaultheria procumbens L.
*Vaccinium, sp. L.

PRIMULACEAE

Lysimachia ciliata L.
Lysimachia lanceolata Walt.
Lysimachia quadrifolia Sims

OLEACEAE

*Fraxinus americana L.

APOCYNACEAE

Apocynum cannabinum L.
Vinca minor L.

ASCLEPIADACEAE

Asclepias incarnata L.
Asclepias syrica L.
Asclepias tuberosa L.

EVENING-PRIMROSE FAMILY

Purple-leaved Willow Herb (b)
Seedbox (b)
Common Evening Primrose (b)
Sundrops (b)
Small Sundrops (b)

GINSENG FAMILY

American Spikenard (b)
Hercules'-Club (a)

PARSLEY FAMILY

Queen Anne's Lace (Alien) (b)
Anise-Root, Sweet Cicely (a)
Cowbane (b)
Parsnip (Alien) (a)

DOGWOOD FAMILY

Silky Dogwood (a)
Flowering Dogwood (a)
Gray-stemmed Dogwood (a)

WINTERGREEN FAMILY

Indian-pipe (a)

HEATH FAMILY

Teaberry (a)
Blueberry (a)

PRIMROSE FAMILY

Fringed Loosestrife (b)
Lance-leaved Loosestrife (a)
Whorled Loosestrife (b)

OLIVE FAMILY

White Ash (a)

DOGBANE FAMILY

Indian Hemp (b)
Common Periwinkle (a)

MILKWEED FAMILY

Swamp Milkweed (b)
Common Milkweed (b)
Butterfly Weed (b)

PROBABLE FLOWERING DATES

Probable flowering seasons may vary due to changes in the environmental factors such as altitude, rainfall, freezing zones, etc.

a. spring

c. fall

b. summer

d. all seasons