

Wildflowers

THE BULLETIN OF THE BOTANICAL SOCIETY OF W. PA.

JUNE MEETING

Monday, June 14, at the Potting Shed of Phipps Conservatory, Schenley Park - 8:00 P.M.

Virginia Phelps, our recording secretary, will give a program on Orchids.

FIELD TRIP SCHEDULE

Rendezvous time for all field trips is 1:30 P.M. All are on Saturdays. Any questions, call Jasper Brown at 364-8229.

June 5 - Titus Bog

Our annual pilgrimage to view the *Arethusa bulbosa* in our bog, owned jointly with the Presque Isle Audubon Society, is always a botanical event. Meet at the State rest stop on U. S. Rte. 6 between Union City and Corry. State Rte. 89 also passes this point. Leader Bob Morgan.

June 12 - Cambridge Springs

We are invited to be the guests of Bob and Stella Reiner and their daughter Lee Ann at their home, Sparrowood Wildlife Refuge, near Cambridge Springs.

Drive north on I-79. Exit onto Rte. 198 to Saegertown, then north on U. S. 19 through Cambridge Springs. Just past the spring house of the old Cambridge Springs Hotel, meet at the first road on the right. The wooden walk to the spring house is hardly recognizable from decay, and the spring house is not much better. The road is not labeled, but there is a sign for "Frank's Lawn Mower Service." If you pass the turnoff, there will be a golf course on the left. This is in the French Creek area about midway between Cambridge Springs and Canadohta Lake, Crawford County.

Last year about 25 specimens of *Spiranthes lucida* were found here. Let's see if they are still there.

June 19 - Pine Swamp

Drive east on Rte. 82 from I-79. At Jackson Center, pick up Rte. 965, and continue for 2 miles. Park near a green house with white trim. The entrance to the swamp is across the road. Leader Howard McIlvried.

June 26 - McConnell's Mills

Chiefly ferns. Use entrance from Rte. 422 west of U. S. 19. There are two parking lots. The first one is small, and the second essentially for larger groups. If there is room, meet at the first one. Leader J. S. Brown.

July 3 - No trip scheduled.

July 10 - Rockland Township

Again we will be with Roger Hummel near his hunting lodge. Leave Rte. 8 north of I-80 at Rte. 308 and follow signs to Kennerdell. Cross the river; turn left up a hill; pass the overlook on the left; take the first road on the left. Shortly after passing an aluminum sided house, at the end of the road turn left. Soon after passing "Hooten Hollow" there will be a road to the right. Meet here. Roger Hummel guest leader.

JUNE, 1982

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Matthew Ludwig receives the Helen Blair Award from Tim Manka, president of the Botanical Society. Matthew's entry in the Buhl Science Fair showed the effect of sound on the growth of plants. He will be bringing his display to our June 14 meeting.

OUT OF DOORS DAYS

Some interesting field trips are scheduled under the co-sponsorship of the Leonard S. Mudge Environmental Education Program of Carnegie Museum of Natural History, Carnegie Institute and the Western Penna. Conservancy.

- July 17 - Sea World Mammals
- July 24 - Monongahela Indians
- August 7 - Intriguing Insects
- August 14-15 - Presque Isle: Gem of Lake Erie
- August 28 - Shelling by Canoe

For a brochure with costs, call Laura Beattie at 622-3233 or 622-3283.

FIFTY GOLDEN YEARS

Congratulations to Richard and Isabel Teare. June 11 is their 50th wedding anniversary.

REQUIESCAT

John Dowala. The word to describe his photography - breath-taking.

Sister Muriel Flamman, S.C. For many years a professor of botany at Seton Hill College, she was a former member of our society.

May they rest in peace.

AUREOLARIA VIRGINICA

We conclude Forrest L. Piehl's treatise, "Ecological and Anatomical Studies of a Plant Buccaneer" —

Detailed study of seed germination and seedling development show that haustorial connections may be initiated very early (about 7 days after germination).

Applications include: 1) Calling attention to a departure from accepted concepts of green plants as independent and autotrophic; 2) revealing unsuspected pathways between supposedly separate plants, forming a network for herbicides, natural poisons, viral and fungal diseases, etc.; 3) "root competition" concepts (are) altered (crowding could even be a benefit); 4) suggesting that strict limits for grafting and tissue transplants might be extendable (if man finds the "secret"); and 5) gives new insights on compatibility of foreign cells and possibly cell recognition and tumor formation, since here tissues as distant as belonging to widely divergent orders habitually form perfect unions.

