

# Wildflowers

## THE BULLETIN OF THE BOTANICAL SOCIETY OF W. PA.



### MARCH MEETING

Our next meeting will be Monday, March 8, 8:00 P.M. in the Potting Shed of Phipps Conservatory, Schenley Park.

MARCH, 1982

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



Our speaker will be Mary Louise Johnson on the subject of "Shells".

### BETTY BROWN

This note was attached to the membership dues —

"Miss Brown, formerly of Lytle Road, Bethel Park, is now confined in Haven Crest, a very nice nursing home in suburban Monongahela...and would appreciate any letters to her....however, her ability to respond is limited."

The address: Miss E. F. Brown,  
c/o Haven Crest, Inc.  
1277 Country Club Road  
Monongahela, Pa., 15063

### BETTE AND JIM BATES

And this one from our roving members, Bette and Jim Bates —

Christmas 1981  
840 No. Idaho Rd.  
Apache Jct., AZ 85220

Dear Howard:

Am enclosing our check for dues. We felt so badly about Bill Kinney. He was in the process of getting carving wood ready to mail to us out here as my husband has been doing some carving. Josephine wrote that he had taken it to the mill to be planed. That was all she knew at that time.

We are here for the winter. Our house is rented and we would like to sell but times are too hard right now I guess. At any rate it is of no expense to us but keeps us from settling down. I really don't mind myself. I like being a gypsy but it bothers Jim. It's fun finding all these new flowers, etc. I show a lot of slides as we go along.

Give my regards to the group. Would like to see any one coming West. We will be here thru Feb. Then will go to the Texas Coast so Jim can fish. Not sure I can get past Big Bend without stopping. Depends on Jim.

Jasper wrote he has a son out here. Thought he might be out for the holidays.

Hope you and your family have a happy Holiday.

Bette Bates

Is Tim Manka back from his trip in Europe?



### SYMPLOCARPUS FOETIDUS

The picture of Skunk Cabbage is from Isabel Teare's collection, "Fun with a Felt Marker".

### DR. HELEN PAUSON

We do appreciate this....very, very much —

"Dear Mr. McIlvried.

Please find inside this letter a cheque for 8 dollars for one family dues for 1982.

I am adding a cheque for \$50.00 as a present to the Botanical Society which gave me a lot of pleasure during the years.

With kind regards,

Dr. Helen Pauson"

### APPRECIATION

We appreciate too a gift of \$10.00 from Hazel Hykes Carter, an honorary member.

### THE 20-CENT SYNDROME

Howard McIlvried cringes every time I send him the bill for mailing out these bulletins. It has been costing us 20¢ postage on each one of them.

I have applied for and received authorization to mail these on a non-profit organization bulk mail permit. Now it will cost us only 5.9¢...quite a difference!

There is a minimum of 200 pieces per mailing. Ordinarily, we mail about 165. So, we have about 35 extras to mail to somebody. Let's send them to prospective members. If you know of anybody who might have an interest in our society, let me have the name, and I'll mail an issue or two. It won't cost us anything more.

### ECOLOGICAL AND ANATOMICAL STUDIES OF A PLANT BUCCANEER

We continue with Forrest L. Piehl's treatise on Aureolaria virginica, false-foxglove...

Contrasted with haustoria, the vascular structure of grafts follows in general the characteristic pattern of roots of the plant. Seed germination, initially a complete barrier, was discovered in April 1981 to be brought about by approximately 6 weeks of cold treatment (stratification). Germination was carried out on moist filter paper in Petri dishes in the light, and the percentage for 300 seeds thus far is only 22%, with an average of 4 days required for appearance of the radicle through the seed coat. An unusual discovery was the formation early of a discrete ring of hairs around the circumference of the radicle, which appear to differ from regular root hairs in that they adhere to the substrate and may function in elevating and supporting the cotyledons.

The highlight of seedling studies was that haustoria could be "synthesized" in clear plastic soil-less culture containers on moist blotters in the presence of host roots. Haustoria first appear about 7 days after germination.

(to be continued next month)