NATURE FOR THE MONTH.

IN NOVEMBER WOODS.
The oaks are clothed in crimson leaves, the hickories gilded in gold, and thru the barren walnut groves, the northwind's breath is cold. In deep ravines, in sheltered woods the Tall Bluebell we find, and clinging to the limestone bluffs are Horning Glory vines.

In open woods and sunny fields the waters nod their heads, the Cam- eron's and Sunflowers tall their sunny cheer do spread. The Love Vine clings to White Snakeroot, the Cautora's almost gone, and Pontederia cordata still haunts the lonely pond. Butter-and-eggs, Clematis Occipitalis, Blazing Star, and Black-eyed Susans, Achilles Wildflower, Canada Thistle, and Sneezeweed, and many another flower we'll find e'en the hoar frost brings fear, the Hunter's Moon does not spell doom, — it says: "November's here!"

AMONG THE NOVEMBER STARS.
The great planet Jupiter, now in Taurus, is very brilliant and with his four bright moons, makes a wonderful sight in a small tel- escope. The bright clusters of the Pleiades and Hyades, in Taurus, are magnificent when seen thru a pair of field glasses. This month the variable star Algol will be at minimum brightness at 10:45 P.M. on the 12th, and at 7:45 P.M. on the 15th. The Great Nebula in Andromeda will be well placed for observation this month.

There will be two important showers of meteors; the Leonids in the late hours of the night of the 14th and the Andromedas on the evening of the 24th.

FEEDING OUR FRIENDS, THE BIRDS.
Now that winter is coming on, and the birds' natural food will be scarce and hard to get, we can pay back what we owe them for helping to keep down the destructive insects that spoil the beauty of our trees and gardens. A little sunflower and hemp seed on a tray, mixed with crumbs from the table; a little suet attached to a tree or melted and poured over the bark will keep many of the birds such as titmice, chickadees, nuthatches, juncoos and others round your home thruout the winter.

Thru the efforts of the Bird Group, the Society has purchased a supply of sunflower, hemp and millet seed at wholesale, put up in convenient five pound packages. They will distribute these to members at approximately cost, provided the seed will be used to feed the birds. 'Phone Miss Anne Jones, 400 Bonita Ave., (Webster 231-1) for information.

FIELD OBSERVATIONS.
HUMMING AND BLUE BIRDS.
Two very pleasing bird observations were made in September. The first was on the 15th, when five or six (perhaps more) Humming Birds were seen hovering over a field of Yellow Jewelweed, Impatiens palida. We watched them for at least twenty minutes while they were dashing about, calling to one another, lighting on the pale yellow flowers, and at times apparently hanging suspended in mid air. When we left they were still playing about happily. No male adults were seen.

On Sept. 29th, five Bluebirds were seen bathing, preening and sunning themselves in the creek just beyond the Entomological Club cabin. They would splash about in the water, then light on the large stones in the bed of the creek to dry and preen themselves, repeating the performance many times. A Field Sparrow was seen on the bank of the creek and identified by its pink bill. Earlier on our walk a small flock of Cedar Waxwings were seen.

Miss Anne Jones.

LARGE GROUP OF ANT-LIONS NEAR CABIN.
On Sept. 29th, while inspecting the rocky ledge that runs to the east of the cabin site, Mr. Satterthwait discovered a large group of ant-lion pits. There were about sixty of them; they varied greatly in size and covered an area of more than a square yard. Several isolated ones were found within ten feet or so from the main assemblage. Generally, ant-lions do not live in such large colonies and wonder was expressed at how so many of these creatures in such close quarters could obtain enough food to keep them alive.

VARIABLE STARS OBSERVED AT MINIMUM.
The variable star, Algol, Beta Persei, was observed by the writer to be at minimum brightness at 7:30 P.M. on Oct. 3rd. It is usually the second brightest star in Perseus, but at this time it ranked sixth and was sending us only about one third as much light as it does at maximum.

Eta Aquilae, which has no common name, was seen on Oct. 6th at 8:30 P.M. to be of magnitude 4; while usually it is of magnitude 3; meaning the star is less than one half as bright as usually seen.

Stuart L. O'Byrne

WHAT IS A PAPER WITHOUT A NAME?
We desire the ideas and suggestions of every member of the Society as to what we should name this paper. All suggestions should be in the hands of the editor before the twelfth of November. Maybe you will be the one to name it. Who can tell?

OVER DO LICKER
Where Two Wrongs Made a Right, cont.

By the late nineteen thirties, the carp had become so numerous in this enormous stretch of shallow water that the game fish were forced to the few deep places to escape. Fish soon became very scarce. The carp, being bottom feeders, foraged the eggs of such fish as bass and crappie that spawn in a scooped out place on the bottom of the lake. The carp on the other hand, throw their eggs on the water plants near the surface, where they need no further attention.

In fifteen years the government committed another error; this time a beneficial one. It attempted to drain the lake by means of many outlets. The drainages never became complete, but resulted in a great swamp where no boat could be operated and man dare not tread. During the years that followed a vast and dense forest of trees that thrive in wet places sprung up, together with many water plants and shrubs. This growth naturally started at the shore-line and advanced toward the center of the lake had been. Then the drainage canals filled up; even the natural outlet.

Today there is more water in the lake than ever before. The game fish are returning with their natural environment. Upon many visits in the last few years, I have not seen a single carp; crappie and sunfish are plentiful and the bass just below the surface in areas so thickly wooded the most diligent fisherman cannot reach them.

Pierre A. Vogel.

PLANT NAMES

Plant names are descriptive. They may illustrate some prominent characteristic of the plant or a familial resemblance to some other kind of life. The trillium is a good example of the first type. As the name suggests, the leaves and flower parts are arranged in multiples of three. The bloodroot is a member of the genus Sanguinaria. Sanguinaria means bloody, hence the name bloodroot in allusion to the blood-red root. Columbines have fanciful names. To some the flower resembles a dove. Columba is the Latin for dove. The scientific name of the columbine, Aquilegia, is derived from the Latin word aquila, the eagle. This indicates that some believe the flower to represent an eagle. It is quite a contrast of notion when one usually accepts the dove as a bird of peace and an eagle a bird of war. Other plants have been named for their habitats; for instance, we have the sandwort, rock cress, water lily, mountain mint, and meadow beauties.

The derivation of plant names is an interesting study.

Many different stories arise as to how the plants received their names.

Albert Heinz.
**ANNOUNCEMENTS FOR NOVEMBER 1929**

**OFFICERS**
Harry E. Bradley
Secretary-Treasurer
711 Alabama Ave.,
Richmond Heights, Mo.

A. F. Satterthwait
President

PROF. H. C. Irish
Secretary

MRS. PHIL RAY
Vice-President

MRS. R. C. LANGE
Flower Exchange Secretary

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**MRS. WILLIAM PICKENS**
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**MRS. JESSE E. CORRELL**
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Director

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Botany

**L. F. PINEK**
Microscopy

**HAROLD O'BYRNE**
Entomology

**MRS. A. P. HOLLEY**
Entomology

**S. A. Vogel**
Ichthyology

**ARTHUR E. MUELLER**
Astronomy

**WILSON TOWNSEND**
Nature Photography

**MISS ALICE MARTY**
Geology

**R. W. STOCKWELL**
Camp Director

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**NOV. 2**
INSECT COLLECTION CONTEST, 8 PM at the U.S. Entomological Laboratory, 527 W. Van Buren Pl. The public is invited to come, see the exhibits and receive the awards of prizes.

**NOV. 4**
PHOTOGRAPHY GROUP, 8 PM at the U.S. Ent. Lab. Mr. Wilson Todd, leader.

**NOV. 8**
ICHOLOGY GROUP, 8 PM at the larger res. 319 Westside Ave. Mr. Kuehne will talk on "The Lamprey"; a moving picture of "The Mystery Fish" and a talk on "Whales & Fishes" by Mr. M. C. Ireland.

**NOV. 11**
MICROSCOPE GROUP, 8 PM at the Laboratory. Dr. Heimars will talk on "The Morphology of Bloch" and demonstrate with microscopes.

**NOV. 14**
GEOLOGY GROUP, 8 PM at U.S. Entomological Lab. 527 W. Van Buren Pl. Mr. Burgholzer will deliver a lecture on that evening.

**NOV. 15**
ASTRONOMY GROUP, 8 PM at the Mueller res. 12 Armin Pl. Glenwood Heights. "Asteroids" by Mrs. Mueller; "Jupiter" by Mr. Townsend; "Saturn" by Mr. Jones; "Uranus and Neptune" by Mr. Stuart O'Byrne.

**NOV. 16**
ORNITHOLOGY GROUP, 8 PM at the Laboratory. "Aquatice Insects" will be the subject with Mr. Harold O'Byrne leading.

**NOV. 22**
BOTANY GROUP, 8 PM at the Lab. A talk on "The Pioneers of Plant Study" will be given by Dr. W. E. P. Pinkus.

**NOV. 24**
GENERAL FIELD TRIP to Petrifying Spring. Meet 9 AM at Sauder's Filling Station. On Highway 61 at Imperial, parking at Southeast corner of 61 and Imperial Rd. Destination at Mr. Ed. Arnold's place, 1/2 mile from Sauder's.

**NOV. 25**
ORNITHOLOGY GROUP, 8 PM at the Lab. Subject: "Water Birds of the Missouri Valley," Mrs. Holly leading.

**JUNIOR GROUP**
Meet with Mr. Pickens at 72 Marshall Pl. after school, Wednesday, Nov. 29th.

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**NOTE:**
CLOSING DATE OF INSECT COLLECTION CONTEST is Nov. 1, and all exhibits are to be at the U.S. Entomological Lab. by Nov. 2, 8 PM. The prizes will be awarded on Saturday, Nov. 26, 8 PM.

**NOTE:**
READ THE SOCIETY'S "NEW MONTHLY BULLETIN" — the first number of which appears at this time. The plan is to publish each month, any news or observations or anything that might be of interest to our members, and the Editors, Mr. Stuart O'Byrne, 501 Pacific Ave., on hand, ready to receive any such articles, news-notes that you can contribute. Your cooperation and support is needed to make it a success. Get into print — send in copy.

**NOTE:**
INLAND BIRD BANDING ANNUAL CONVENTION, November 7-10 inclusive. MARK THE DATES: ST. LOUIS BIRD CLUB & WEBSTER GROVES NATURE STUDY SOCIETY, Hosts.

HEADQUARTERS: KING'S WAY HOTEL, 108 N. Kingshighway, St. Louis.

PROGRAM: BIRD BANDING LECTURE, M. J. Lyon, President of Inland Bird Banding Association, Waukegan, Ill., and S. Frentisa Baldwin, Honorary President, Cleveland, Ohio, Thursday, Nov. 7, at 8 PM in Washington University Medical School Auditorium, Scott and Euclid Avenues.

**PROGRAM OF BIRD BANDING PAPERS** — Friday & Saturday, Nov. 8 and Nov. 9, Parlor A, King's Way Hotel.

**BANQUET** — King's Way Hotel, Friday evening, Nov. 8.

**FIELD TRIP** — All day Sunday, Nov. 10, Grove Coeur Lake in AM and marshes near St. Peters, in PM. OARS NEEDED: Drive your own car and take as many out-of-town guests as you can accommodate.

ATTEND AS MANY OF THE INLAND MEETINGS AS POSSIBLE.