

## OLD TIMERS' COLYUIM

REVIEW SESSIONS ONCE MORE! FAVORITE QUESTION: "WHAT IS LIFE"? ANSWERS INDICATE BEAUTIFUL DISAGREEMENT BETWEEN LIVING SCIENTISTS, YOUNG AND OLD, BUT ALL GETTING OLDER. SOME APATHY SUGGESTED BY FOLLOWING ANSWER, "WHO CARES"?

CLYDE ALLISON has sent his thesis for publication, along with some comments not for publication. He says the marvel about tobacco plants is that they wilt one day, apparently give up the ghost the next, then look as healthy as Syed's sorghum the next. Allison can now qualify as an Old Timer. He compares the drought in Tennessee with that in Minnesota way back in 193X, B.C. or A.D. not indicated. He has been on several tobacco trips to other states recently but announces to the World that his home is in TENNESSEE, not Alabama.

And speaking of Alabama, JIMMY SEAL, Alummus of the Blue Room of Sainted Memory, says they are expecting about 300 students in Gen. Bot., 85 $\pm$  in Plant Path., and 60 $\pm$  in Plant Fizz at Alabama Polytech. Must be a lonesome Dept. After feeding these intellectually hungry juvenes, Jimmy has 0 to do but rsh.

P. D. (Pete in Person) PETERSON is on his way to Minnesota from New York, via Salt Lake Cy. and Texas. Wonder how long a ticket that takes! Well, the route is no more circuitous than that taken by some grad. Stews in explaining the obvious. Pete has discovered the secret of acquiring a willowy form coupled with oak or oax (couldn't decipher the script) like power. Write Pete for advice or a free booklet.

PAUL SIGGERS wrote from Hotel Redwood, Bogalusa, La., (Beauty rest mattress and ceiling fan in all rooms, with cafe and barber shop in connection) that he took his Minnesota German Exam. at Tulane Univ. by special arrangement. He thought he passed, and Ye Ed knows he did. Hoch soll er leben! Eins, zwei, drei; Bottoms up! Siggers will be with us in the JITTERY TOWER again in the fall -- not the fall of the J.T. but the fall of 1936.

From the opposite end of the continent, Edmonton, Alta., comes word from M. W. CORMACK that he is working on his thesis. He will come back for exams. and the coveted degree sometime during the year.

There is a new house in Cambridge, owned and occupied by the DICKINSONS. The Dr. states that a rust epidemic seems unlikely in that part of England, and, as he is investigating rusts, he yearns for rust. Better come to Minn.; we have trouble keeping it away. Recently DICKINSON saw JIMMY WALTER, him of the long silence.

Cheerful news from CHET WISMER, who writes that he really is enjoying the work in Liberia. Judging from the projects he describes, there is no end of interesting and important problems. One feature was a gentle breeze that twisted several rubber trees around completely so that the tapping spiral was clockwise instead of counter-clockwise after the little blow. Then, too, the wind undressed the pantry and juggled two 50-gallon water barrels, full of water, and left them up in the air resting upside down on the 3/4 inch pipes that fed them. And! There was no trace of the 100 gallons of water! Remember the milk-pail story? Anyhow, as Wismer says, it was a nice little breeze. Maybe we will have one some day that will twist the Jittery Tower around a lamp post. We probably would call it a tornado. But we live in a gentle climate, with an annual temperature range of only about 145 $^{\circ}$  F. Wonder if it is significant that Wismer wrote his letter on a Sunday morning?

MACINDOE, according to Wismer, had just started to walk 100 miles to Bafu Bay, with nothing for company but another man, looking for soils, sites, elephants, leopards, and a way thru the jungle.

J. G. (Dutch) HARRAR, with Mrs. Harrar and Cynthia (age 1 yr. -) visited in Akron recently, vacationing from Virginia Polytech. Final draft of Dutch's ms. arrived recently.

PEEWEE WALLACE, Box 752, Riverside, California, still is investigating curly top of sugar beets. He writes, "Calif. has everything." How infectious and virulent that idea is! AURORA still is good reading, according to Peewee.

Parental pride! TYLER writes that the  $F_1$  learns faster than his "Ole Man." He sent a photo to prove it. The photo graced the Bul. Board and provoked the suggestion that we should make a collection of photos of the F ones. Well, there's a suggestion. We should study dominance in the  $F_1$ . Some one suggested that such a study was superfluous, as it is well known that the  $F_1$  dominates the family.

Dr. TU writes that Dr. H. K. HAYES visited him recently at the National Northwestern College of Agriculture at Wukung, Shensi Province, China.

WELL, OLD TIMERS, WE ARE IN THE MIDST OF A HEAT WAVE SUCH AS THE T. T. NEVER KNEW, EVEN IN THE HEAT OF SOME OF THE HOTTEST ARGUMENTS. TEMP. UPWARDS OF A HUNDRED FOR A WEEK OR LONGER. SCORCHED CROPS, ADDLED BRAINS OR WORSE -- JUST BRUTAL WEATHER. THE PRESENT GENERATION CAN'T TAKE IT: THEY EVEN CALLED OFF SEMINAR WHEN IT WAS ONLY ABOUT 104° F. RIGHT NOW THERE ARE GUTTATION DROPS AS BIG AS OSTRICH EGGS ON MY WRITING ARM, BUT THEY MIGHT BE BIGGER THAN DINOSAUR EGGS. SPLASH; SCHLUSS!

One Big \*\*\*\*\* Visitor

On June 4 the "Tottering Tower" was honored by Professor A. H. Reginald Buller, who has relinquished his chair at University of Manitoba, which he has held since 1904. Professor Buller spent two days with the members of the Department evincing, as usual, a helpful interest in a wide variation of subjects.

On Thursday evening Professor E. C. Stakman invited the moldy gang and friends to a smoker-supper\* in the library cum herbarium-flat. (Dr. L. Dodsall's and Helen Hart's office was converted into a kitchen, while Dr. Eide's office served as a storage room.)

After supper Professor A. H. R. Buller was introduced by Professor Stakman who expressed the pleasure of the Department in having a noted naturalist among us and the appreciation felt by everybody present for the long distinguished research career of the honored guest. In conclusion Big Chief presented Dr. Buller with a scrap-book compiled by everybody in "Tottering Tower."

In reply Buller expressed his pleasure of being with his friends in St. Paul again and proceeded to tell about his early career. He described the set of fortuitous circumstances which finally led his feet along the fungus path. Since then he has followed this path in several continents.

Professor Buller was a naturalist from the very beginning. However, it was not until the opportunity to study under Pfeffer at Leipzig and Hartig at Munich

\* E.C.S.' estimation of food requirement was cut in half by Earle Hanson, chairman of seminar committee, but even so the surplus provided refreshment for various tea parties for weeks after.

That his affection became centered on fungi. Owing to a providential failure to obtain a second rate position in England he crossed the Atlantic to the mushroom city of Winnipeg. His achievements as a teacher, as a scientist, and as a naturalist are well known. His six volumes on Researches in Fungi, his book on wheat, and other scientific contributions are lasting monuments. Now, Professor Buller is returning to Kew, England, where further "Researches on Fungi" will be undertaken. We wish him continued success in his new surroundings across the water and we anticipate with pleasure a further visit from him in the not too distant future.

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#### MORE VISITORS

- Mr. Henry M. Darling, Potato Specialist, Gulf Coast Experiment Station, Fairhope, Alabama.
- Mr. A. C. Dillman, Associate Agronomist, Division of Cereal Crops and Diseases, Bureau of Plant Industry, U. S. D. A., Washington, D. C.
- Dr. Donald Folsom, Plant Pathologist, Department of Plant Pathology, Agricultural Experiment Station, Orono, Maine.
- Mr. Lee Hines, Firestone Plantations Company, Monrovia, Liberia, W. Africa.
- Mr. Glenn KenKnight, Assistant in Plant Pathology, Agricultural Experiment Station, East Lansing, Michigan.
- Mr. Ralph M. Lindgren, Pathologist, Division of Forest Pathology, Bureau of Plant Industry, U. S. D. A., Washington, D. C.
- Mr. R. C. Lorenz, Ass't. Forest Pathologist, Division of Forest Pathology, U. S. D. A., c/o Forest Service, Ironwood, Michigan.
- Mr. Paul H. Appleby, Assistant to the Secretary of Agriculture, Washington, D. C.
- Mr. Lee A. Strong, Chief of the Bureau of Entomology and Plant Quarantine, Washington, D. C.
- Mr. J. Dutton, Special Representative of the Bureau of Entomology and Plant Quarantine, Washington, D. C.
- Mr. W. L. Popham, Senior Pathologist, in Charge of Barberry Eradication, Division of Plant Disease Control, Washington, D. C.
- Dr. M. A. McCall, Principal Agronomist, in Charge of the Division of Cereal Crops and Diseases, and Assistant Chief of Bureau of Plant Industry, Washington, D. C.
- Dr. H. B. Humphrey, Principal Pathologist, Division of Cereal Crops and Diseases, Bureau of Plant Industry, Washington, D. C.
- Mr. D. R. Shepherd, Barberry Eradication Leader in Iowa, Iowa State College, Ames, Iowa.
- Mr. William Semeniuk, Graduate assistant, Dept. of Field Crops, University of Alberta, Edmonton Alberta, Canada.

Mr. Carlyle Forster, State Dept. of Agriculture, Victoria Australia. (Ames, Iowa).

Mr. Lawrence Miller, Blacksburg, Va.

Prof. A. H. Reginald Buller, University of Manitoba, Winnipeg, Canada.

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### NEWS

#### Coming

J. G. CHURCHWARD of Sydney, Australia, was granted the Ph. D. degree (in absentia) this June. His thesis, "Studies on physiological specialization of the organisms causing bunt in wheat, and the genetics of resistance to this and certain other wheat diseases", and his exams travelled half-way 'round the world to the examining committee of the graduate school.

LEE LING and C. S. WANG were among those honored during Commencement exercises this June, each obtaining a Master of Science degree. Ling's thesis was "Factors affecting the development of *Urocystis occulta* (Wallr.) Rab." while Wang's was "Development and Cytology of *Ustilago crameri* Kcke."

Commencement tea was served in the herbarium the afternoon of June 15 in honor of the candidates for degrees during the past academic year:- LEE LING, C. S. WANG, VAHEEDUDDIN SYED, AND J. G. CHURCHWARD (in absentia). It was also the occasion for bidding farewell to VOORHEES, who departed for Florida. The Commencement address was on the subject "The Old Gray Mare is Just What She Used to Be". The rah-rah boys in college are still rah-rah boys 20 years after graduation, while the serious-minded students of 20 years ago either have done or are doing something worth while to-day. Moral: Don't plan to sow your wild oats for 2 more years and then settle down to serious research work, for you'll find that you continue to sow oats.

The new representatives of the Department in Gamma Alpha are M. C. KERNKAMP and P. DECKER.

Among those admitted to the most coveted of all research societies, Sigma Xi, were LING, WANG, SYED, and WESTERN.

#### Going

Alan Gemmel, of Scotland, with two countrymen is touring various parts of United States and Mexico. When last heard of they were admiring the beauty of the Mexican Senoritas.

Recently, A. G. TOLAAS hiked to Iowa to see how the product of the Minnesota certified potato seed growers was faring in demonstrational field plots down in the state where the tall corn grows.

June 25th found the Big Chief and his cohorts, 20 strong, encamped on the bountiful plains of Iowa to participate in the summer phytopathological meeting at Ames. The Braves of Minn. far outnumbered the enemy who surrendered on sight. The meeting was very successful and enjoyed by all who attended. While in Ames your

correspondent heard rumors to the effect that EARLE HANSON was strongly impressed with the door-keeper of the Farm house, ED VAUGHAN was willing to sell his Hudson for fifty cents, R. U. COTTER had a congenial room-mate, PHARES DECKER rented a portion of the uptown sidewalk for purposes of his own, J. J. CHRISTENSEN wanted to sit at the head of the table again, and MILT. KERNKAMP was celebrating his few remaining days as a free man.

DR. STAKMAN, DR. COTTER, and MR. FLETCHER have made several rust survey trips, covering nearly all the states from the Gulf of Mexico to the Canadian Border.

DR. J. G. LEACH left June 29th for a vacation in Yellowstone National Park.


JOHN WESTERN of England was one of the delegates of the Cosmopolitan Club at their annual convention at Boulder, Colorado. While there he visited Estes National Park and various other points of interest.

J. G. GIBBS and WIFE, of New Zealand, are now touring the United States. We expect them back sometime in Sept.

The CASSELS and VAUGHANS have moved into summer homes across the tracks, Como Harriet Line.

BAMBERG of the Rust Lab. is the proud owner of a new home on Hendon Ave.

### Gone

HENRY DARLING, the  man for spuds in Alabama, returned to Minneapolis to take upon himself the trials and tribulations of matrimony. On July 3 Ruth Joan Tilton of St. Paul became Mrs. H. M. Darling of Fairhope, Alabama.

MILTON KERNKAMP now is dividing his attentions between Ustilago and a wife. Kathryn Griffith of Minneapolis and Kernie were married on Saturday, June 27.

R.K. VOORHEES and the Tottering Tower Gang parted company the middle of June, when Voorhees thought it necessary to return to Florida-Land-of-Sunshine-and 'Gators. He's expected back with thesis in pack sometime after he's forgotten this last Minnesota winter.

LEE HINES came to pause and ponder in Minnesota before returning to the Firestone Plantations, Monrovia, Liberia. The last nite he was here he "lectured" on the futility of tryin' to make a tappin' boy out of a digger boy when dat black boy wants to be nothin' but de digger boy an' doan want the extry dollah of a tappin' boy. On Hines' "lecture tour of Mississippi" the most facinating subjects for the small boys seemed to be SNAKES and MORE SNAKES. Black boys, leopards, and pink elephants had less charm, so it's back to the jungle for bigger and better snakes if Duck Hines knows his public.

On June 1, Dr. Carl Eide thrust his gentle voice into a microphone to tell the world about diseases of fruits and vegetables.

### Kitten Ball

Again the Plant Path Aggregation comes thru to subdue all comers on the ball diamond. Under the leadership of Clyde Christensen and Earle Hanson, Plant Pathology won eight straight games thereby being crowned champs. We hardly

think it necessary to bother you with the details and fine points of each game, since the margin of Victory ranged from 6 to 30 scores per game. We're good! Of course we are, and we must say that your old favorite J. J. Chris, the catcher, played errorless ball. We also want you to know that not only did we have the remarks of E. C. Stakman to urge us on but also the cheers of the ♀ part of the Department.

Science isn't what it use to be, as seven young-would-be-scientists were caught enjoying a St. Paul and Minneapolis baseball game one afternoon. Do you think that we are making too much of a good thing?

### Tennis

There seems to be no one who can take the place of Davies on the tennis court. The best matches reported have been between Dr. Becker and Earle Hanson, while such fellows as Downie, King, and Decker were left far behind. It has been rumored that Jack Western wields a wicked stick.

### REGULAR SEMINAR

After Matt Moore's masterly discussion of the general aspects of acquired immunity in animals, as reported in the last Aurora, the subject of acquired immunity in plants was discussed by Messers Western, Decker, Mattson, Leonard, Gibbs, and Kernkamp. This practically filled the remaining periods until the end of the quarter.

### LITERATURE SEMINAR

The outstanding events in literature seminar were as follows:

April 23. JONAS CHRISTENSEN reported that in one year 4,700,000 pounds of timothy seed and fungi were imported into the United States. J. J. C. views the situation with alarm.

April 30. Kitten-ball (always important) was discussed. A few papers were reviewed.

May 7. GEORGE HAFSTAD told about his experiences in Liberia and Europe. (At least he told about some of them.) A movie reel was exhibited, showing scenes from Africa and Europe, with people walking forward and backward, depending upon how Matt Moore ran the machine. A rather long "shot" of native dancers was included, this being by far the most interesting subject that the writer has ever seen in an amateur movie show.

May 14. STAK gave an account of his trip east. This must have been Stak's birthday, if ice cream, French pastry, and coffee are any indication.

May 21. The meeting was opened, unofficially, with a discussion of kitten-ball. Then came a little literature, an argument on what is a mycorrhiza, and sandwiches, oatmeal cakes, and olives on MATT MOORE. Even if Matt hasn't much sense about most things, he surely knows the kind of food to bring to a seminar. But he probably gets help on that. After eating there was a big discussion, several arguments and a couple of lectures on cheating and the honor system as it

is practised on the Farm Campus.

June 4. Seminar was held in the library in honor of Professor A. H. R. BULLER, who has retired from his duties at the University of Manitoba. Professor Buller gave an interesting account of his experiences in science, starting with his childhood days. LEE HINES spoke also, it being his last appearance before leaving again for Liberia. This affair was attended by several campus dignitaries, and the ladies wore their party or semi-party dresses. The food was excellent: all kinds of sausage and cheese for sandwiches, cake, pickles, radishes, etc., and coffee. There was some left for the next going-away tea. In fact it was a hell of a good party.

June 11. A discussion of education, primary, secondary, and University, occupied the group until 9:20. Then the subject of Pleurage anserina and hermaproditism and sex in fungi came up.

B. C. "How many sex groups did you have, Syed?"

Syed "74"

Western "You ought to be ashamed of yourself"

June 18. Literature was reviewed. There was a discussion of the coming phytopathological meeting at Ames, Ia. Everybody was strongly urged to attend.

July 2. STAK reported on his trip south and through the spring wheat region. There followed a discussion of rust and drought. Finally COTTER reviewed a paper on infantile paralysis, which was followed by a discussion of other diseases of humans. The seminar lasted until 11:30 p. m., with nothing to eat or drink.

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#### BOOKSHELF

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Flor, H. H. Physiologic specialization of Melampsora lini on Linum usitatissimum. Jour. Agr. Res. 51: 819-837. November, 1935

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- Lamat, M. N. (with B. N. Uppal and M. K. Patel). Pea Powdery mildew in Bombay. Dept. Agr. Bombay Bul. 177 of 1935.
- \_\_\_\_\_ (with B. N. Uppal and M. K. Patel). A new variety of Oidiopsis taurica. Ind. Jour. Agr. Sci. 6: 110-115. February
- Newton, Margaret and T. Johnson. Stripe rust, Puccinia glumarum, in Canada. Canad. Jour. Res. C 14: 89-108.
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- Rose, R. C. and M. B. Moore. Why and how to treat seed of small grains and corn. Minn. Agr. Exp. Sta. Ext. Circ. 53.
- Stakman, E. C. The problem of specialization and variation in phytopathogenic fungi. Proc. Zesde Internat. Bot. Congres Amsterdam 1935, 1: 30-35.
- \_\_\_\_\_ A review of the aims, accomplishments and objectives of the barberry eradication program. Mimeographed. 20 pp. Division of Plant Disease Control, U. S. Dept. Agr.
- \_\_\_\_\_, R. H. Bamberg, M. N. Levine (with H. K. Hayes et al). Thatcher wheat. Minn. Agr. Exp. Sta. Bul. 325.
- Walter, James M. Factors affecting the development of corn smut, Ustilago zeae (Beckm.) Unger. Minn. Tech. Bul. 111.
- Wang, C. S. Sclerospora graminicola on millet in Minnesota. Phytopath. 26: 462-464.

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#### THE FOREIGN LEGION

At the time of writing the Legion is scattered, and only five of the regulars are here. SYED, after a visit to the Health Service, has recovered and is now helping Dr. J. J. Christensen with his Helminthosporia. WANG and LING may still be found in odd corners of the building, while MISS BECKER wrestles bravely with the potato scab problem in field and lab.

The Common Fellows, indulging in the characteristic habit of the species, are now busily touring the Union. An eminently respectable card from GEMMELL, the Scot, informed us that he was in Mexico and that although the food and the heat were bad everything else was good. We shall be intrigued to hear about "everything" when he returns. "Anzac" GIBBS has vanished into the blue, and we have received no word from him. If the Buick keeps going, we shall doubtless see him back again busily worrying about his degrees of freedom and probable errors.

A letter from FRED DAVIES (half of which was torn away because of some restriction or other in connection with the U. S. Mail) told us he was enjoying his stay in Delaware and that in spite of a busy life he still finds time to play a little competitive tennis.

WESTERN departs for England in August, but otherwise the Legion for next session will remain unchanged, except for the possible addition of more recruits from overseas.

P.S. Since the above was written a letter from J. G. GIBBS has come to hand. It was dispatched from "Somewhere in Texas", a point he reached via Chicago, Purdue, Fayetteville, and Shreveport. He has visited Dr. Link at Chicago, Dr. Caldwell at Purdue, and also the staff at State College, Texas. We are looking forward to a complete account of his peregrinations upon his return to the Tottering Tower.

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AMERICAN PHYTOPATH. SOCIETY  
SUMMER MEETINGS

On the afternoon of June 24, twenty-one members of our department trekked southward to attend the regional summer meeting of the American Phytopathological Society held at Ames, Iowa. Dr. I. E. Melhus and the staff of the Botany and Plant Pathology Department of Iowa State College were hosts to the Society. The meeting was well attended, there being 48 registered from outside of Iowa. Eleven states and the District of Columbia were represented.

The meeting opened officially Thursday morning, July 25, with a conducted tour through the laboratories and greenhouses. Following this Dr. Melhus delivered the welcoming address to the Society and especially to the "Minnesota horde" that had swarmed down upon the meeting. The "theme thought" that prevailed throughout the entire meeting was the coordination of certain aspects of our work by unbiased and unselfish cooperation between workers of the various stations.

The remainder of the morning and the afternoon were spent inspecting the field work at Iowa State College. The plot work was explained to the delegation by the various workers in charge of the phytopathology and agronomy plots. Professor Maney of the Horticulture Department conducted the group through the 250 acre orchard and fruit farm and called especial attention to progress being made in apple improvement through the medium of "double working." The afternoon tour was completed at the 80 acre Soil Conservation Nursery, which supplies tree seedlings, both evergreen and deciduous, for the Iowa Soil Conservation work. Last year 12,600,000 seedlings were grown in the nursery.

Upon leaving the nursery at 4:30 P.M. it was announced that the College had placed the swimming pool in the Athletic building at the disposal of the group for the next hour.

Thursday night the Phytopathological dinner was held in Memorial Union where there were 75 in attendance. Following the dinner President Friley of Iowa State College officially welcomed the visitors to Iowa and more specifically to the college. President Friley stressed the necessity of selling our work to the layman. This, he said, could best be done by our meeting the laymen at their work and mingling with them on a common basis.

The evening was devoted to the discussion of coordination of extension and research. Topic leaders were Professor Vaughan of Wisconsin, Dr. Porter of Iowa, and Mr. Rose of Minnesota, who took up respectively the extension "set up" and various programs in their respective states. Throughout the talks, the consensus of opinion was that very definite and intimate coordination must exist between the research departments of plant pathology, agronomy and genetics, and the state extension program as a means of disseminating facts and recommendations concerning farm practices.

Dr. Melhus who was chairman of the evening meeting discussed the possibilities of "dove-tailing" the extension research and various programs between states with similar regional problems, the aim being to accomplish more by eliminating repetitions in experimental work and to make practices within given regions more uniform. The discussion was continued by Dr. Haskell, Dr. Melchers, Dr. Stakman, Dr. Keitt, and others. This phase of the meeting was closed with the adoption of some very definite resolutions and the formulation of a committee to put in practice some of the resolutions and suggestions.

The final topic of the evening, "The New Deal in Phytopathology", was led by Dr. Stakman. This concerned the status, both present and future, of our official journal "Phytopathology". The consensus of opinion was taken regarding a few general policies to be used as criteria in formulating future operations of Phytopathology.

The Friday morning session was called for 7:45 with Dr. Davis as chairman. Dr. Melhus was called upon to explain the possibilities of establishing a regional laboratory to carry on certain phytopathological projects. Such a laboratory would be operated by federal funds, provided such formulated projects would meet with the approval of the Secretary of the U.S.D.A. Two such projects were then presented, the first by Dr. Leach concerning a Potato Improvement Program; the second by Dr. Reddy with regard to a Seed Treatment Program. The two projects were discussed by various members and were decided to be of sufficient importance to turn back to their respective acting committees to be prepared to present to the Secretary of Agriculture for approval as regional projects.

Following this part of the early session Dr. Tucker presented the possibilities of establishing a central laboratory for the identification of fungi and bacteria of phytopathological interest. This suggestion was favorably accepted by the group and a committee was appointed to formulate the working details of such a laboratory.

Dr. Christensen presented some of the baffling problems concerning the acquisition and utilization of resistant stocks as parental material in the process of developing disease resistant cereals.

Dr. Melhus announced that Dr. Walker could not attend the meeting as scheduled, but called attention to the seriousness of the problem which was to have been discussed by Dr. Walker, and asked that we all give it due consideration. The topic was, Hazards incident to erosion control planting stocks. Dr. Melhus said that a considerable quantity of seeds and stocks is being brought into the soil

erosion nurseries from various sources. This material, according to him, is receiving very little seed treatment and is having otherwise very little phytopathological supervision. Such procedures have every possibility of leading to some very serious disease problems.

The meeting at Ames was concluded at 10:30 A.M. following a general discussion by the group of the value and desirability of such meetings in the future. It was the unanimous opinion that the Ames meeting had been more than worthwhile and successful from every standpoint. A vote of appreciation was forwarded to Dr. Melhus and Dr. Stakman under whose stimulus the meeting was originated, and to Iowa State College and especially to the Botany and Plant Pathology Department, for the very gracious manner in which the group was entertained. Dr. Keitt was appointed chairman of a committee to select the place for the regional meeting next year as the group was highly in favor of its continuation.

The group then left by auto for the Northern Iowa Experimental Farm, at Kanawha, 75 miles north of Ames. Dinner was served at Kanawha by the Ladies Aid of the Methodist Church. After dinner Dr. Melhus introduced six local farmers, who are the board of directors of the station. Wallace Darrah, president of the board, welcomed the group to Kanawha and gave the history of the establishment of the station. Mr. Darrah explained that the farm is owned in a three-way partnership. About 450 farmers in two counties surrounding Kanawha own one third, the Crystal Sugar Beet Company at Mason City owns one third, and Iowa State College the other third. It is of interest that the impetus for the establishment of the station came directly from a group of Kanawha farmers who have seen the station grow to own 87 acres and rent, in addition, more land than they now own.

After dinner a conducted tour of the farm was made. The station grows for experimental purposes mostly cereals, sugar beets, and potatoes which are the crops of interest locally. Lemonade was served after the tour to quench what thirst the afternoon's spasmodic rains hadn't already drowned out.

The party then split three ways, the Minnesotans going northward and home. Those going to the east and south were to stop at the Vegetable and Truck Crop Farm, at Conesville, and those going west and south were stopping at the Fruit Farm at Glenwood.

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#### SIGNS AND SYMPTOMS

##### Repairs

Signs of disorder everywhere! The floor of the smut lab and preparation room has been ripped up and replaced with new boards. We may expect Ustilago zeae to mutate more violently than ever now.

##### Removals

On account of the above structural alterations dishwashing now takes place outside the Better 'Ole. Visitors now approach this delectable social resort through a maze of pots and pans and a mist of steam reminiscent of a London fog.

##### Nuptials

Kernkamp came to the Department married one day last week.

Travels

Doc Leach (who should be writing this feature) has departed for Yellowstone Park. He said he was tired of having foreigners telling him about his own country, so decided to see some of it himself.

Chivalry

A lady's recalcitrant car outside the T. T. & Eide and Decker got there first much to the chagrin of Tommy King and Kerny who watched the adventure in mechanics from the vantage point of the Better 'Ole.

Gripes

Dick, the Dishwasher, says a man who uses a cork borer on the table top is capable of anything.