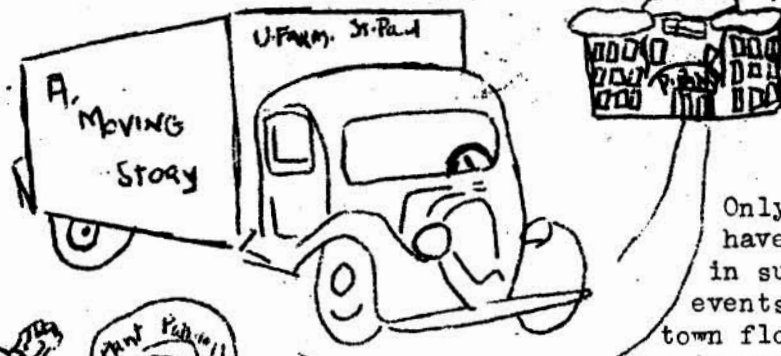


Amelia

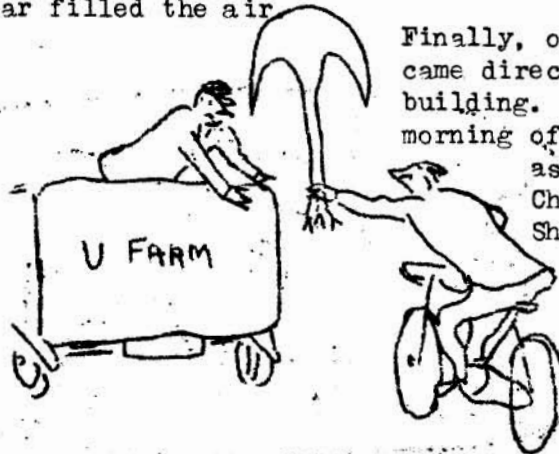


Only those who have participated in such historic events as the Johnstown flood or Napoleon's retreat from

Moscow can appreciate the actual process of our occupancy of the new Phytobrickhaus. The statement that "In November, 1941, the Division of Plant Pathology took over their new quarters" is about as inadequate historically as saying "In the 7th century the Arabs took over northern Africa". It omits all the blood and sweat and tears, and the individual and general acts of glory and heroism in such an event.

The plans for invasion were brilliant and thorough. Preliminary reconnaissance by official, semi-official, and totally unofficial scouting parties revealed all details of the terrain over which the troops would advance, and the position every he or she would occupy. In a democratic organization such as ours this entailed no small amount of work. All through October the Tottering Tower rumbled and shook with preparations. The Chief's old roll top desk, in which manuscripts used to be laid away to ripen, was hauled out, the roll top removed, the desk itself refurbished and refinished, until it finally emerged as a neat but not gaudy piece of executive equipment. Books, bottles, jars, cans of fungicides, old musty collections of smutty grain etc. were packed into boxes of all shapes and sizes and kinds. Pictures were taken from the walls, with many a sigh and tear, leaving relatively clean patches that paint or patina eventually will conceal; sinks, autoclaves, chemical benches, and cabinets through which untold generations of cockroaches had happily scurried since the time of the oldest Old Timer were torn by brute force from their respective fastenings and shoved out into hallways. Dust, debris, and a feeling of anticipation and fear filled the air.

Finally, on November 1, the order came directing occupation of new building. Eight o'clock on the morning of November 3rd. was set as the zero hour. The Chief, and Lieutenants Sharvelle, Moore, and Hart, inspected the troops. All was in disorder. Promptly at 8 o'clock on Monday morning rockets were sent up, Very lights





brightened the dark November sky, a mighty roar went out from Q.C.F. and the move was on. And what a move! Furniture and equipment of all kinds flowed in an uninterrupted stream from all the windows and doors of all floors, lowered by rope, ladder, and human chain; huge refrigerators swung perilously back and forth in the stair wells. Shouts and curses filled the air. Almost every conceivable conveyance that intelligence could invent or ingenuity or

Matt Moore devise was requisitioned.

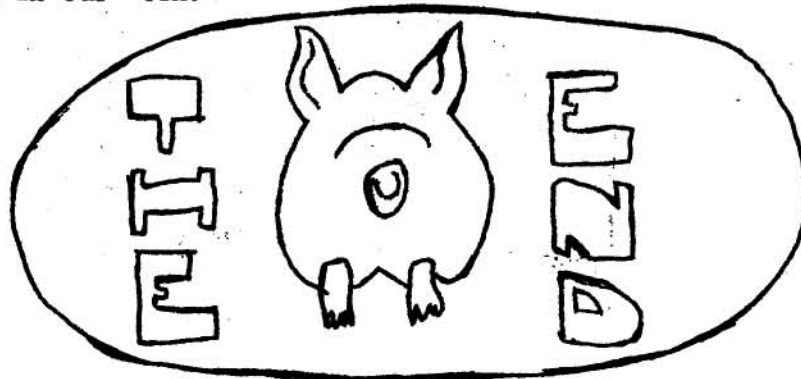
By truck, wagon, wheelbarrow, bicycle, and beasts of burden both two and four footed the migration stormed up Home Economics Heights and over the treacherous Mud Flats made even more treacherous by the fall rains. The shouts and cries of men who had fallen or who were hopelessly mired in the mud were drowned by the general din of the forces moving ever forward. Desk drawers, chair legs, jars labelled "Amanita rubescens, Coll. E. M. Freeman, 1910" and now containing nothing but a muddy pulp, broken pots, and graduate students littered the way. It was each man for himself and let the weak perish. This was not an occasion when the intellectual giants scurried around making nervous noises in their stomachs for fear the able workmen would scratch or mar the heavy furniture. No indeed. Each juggled his or her own goods catch as catch can.



With, of course, one exception. Believe it or not, the Big Chief, who later offered to rattle any two men at once or race, on foot, a team of horses into town to prove his strength, and found no takers, did not have to carry his own desk. The others did. Eide even carried up two graduate assistants one morning under the impression that they were immobile fixtures, then smoked a cigarette and was incapacitated the rest of the day. Christensen the Younger tried to avoid the heavy work by pleading the excuse of a lame back, but by that time everyone's back was lame and some heads were sore. Lieutenant Sharvelle was everywhere at once, pockets bulging with plans, specifications, samples of flooring and cigars from the contractors. Moore quickly locked up all equipment and supplies and disappeared. He has been seen only once since, in the gadget department of Montgomery Ward's retail store, trying to

build an automatic dish washing machine with an erector set.

The process described above in only the barest outline went on for weeks, day and night. It was hell. Although at first the halls and offices of the new building took on the appearance of a low class second hand furniture store during a fire sale, order is coming out of the chaos, people are again getting their feet on the ground on their desks, as of old, and the new life on a higher plane seems to be pretty well established. Granted that the quality of research is not necessarily conditioned by the quality of one's physical surroundings, our new quarters have many advantages over the old, in comfort, convenience, and organization. It is our hope that this will be reflected in our work.

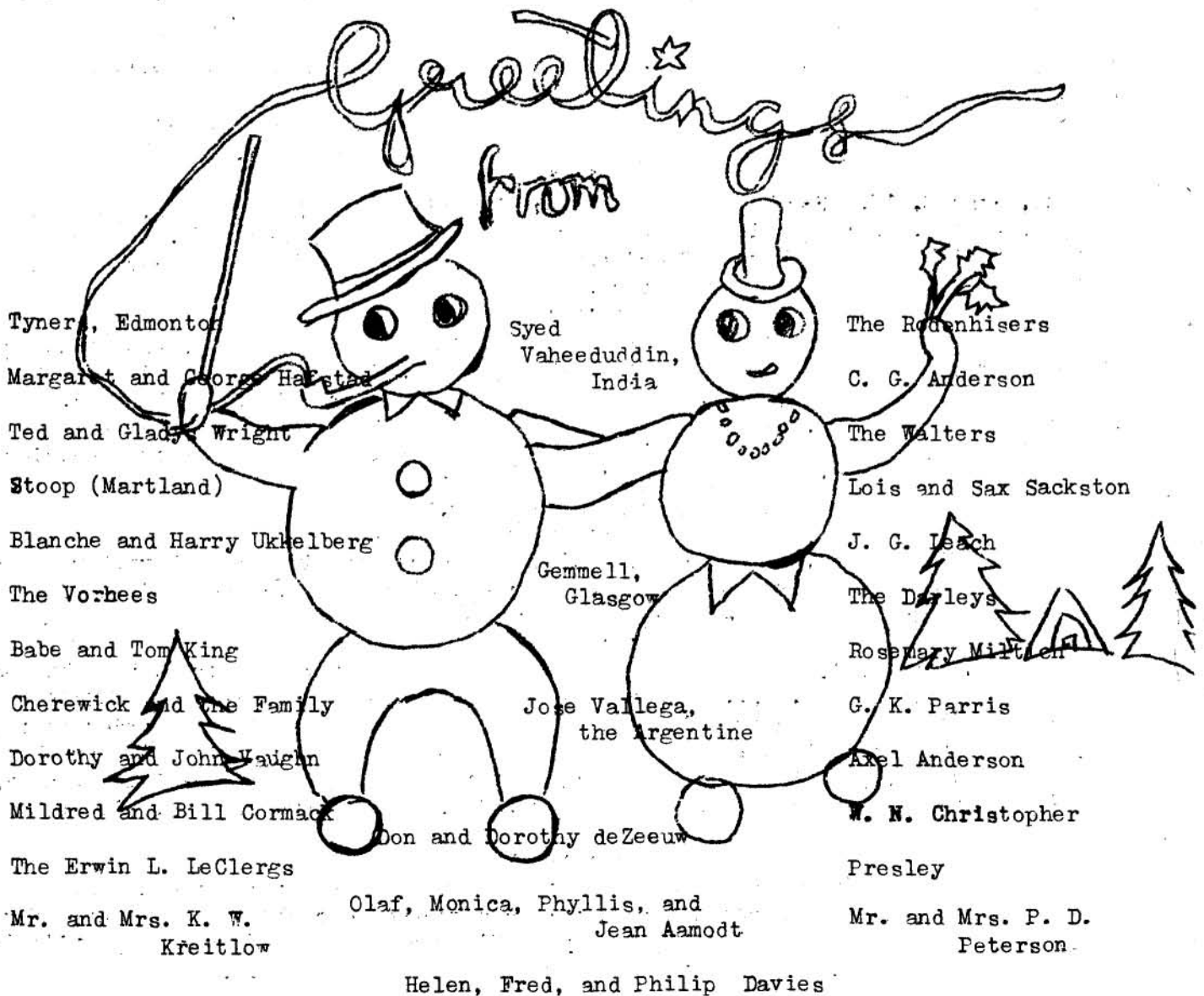


BOOKSHELF

Came to us as a Christmas present a copy of Holton and Heald's volume on "Bunt or Stinking Smut of Wheat," Burgess Publishing Co., Minneapolis.
Jack WESTERN sent his book on "Diseases of British Grasses and Herbage Legumes" by Cambridge University Press.

Mycologia, Sept.-Oct., presented FISCHER and HOLTON on inheritance of sorus characters in Ustilago hybrids. LASKARIS* appeared in Oct. Bul. Torrey Bot. Club on red-blotch of Hippeastrum and FLOR in Oct. Jour. Agr. Res. on inheritance of rust reaction in a flax cross. Phytopath also has been presenting Old Timers, as you all know, including, in September, BONDE on disinfecting potato, BRIERLEY on tulip virus, FLOR on flax rust hybridization; in October, BAMBERG on dwarf bunt; in November, HANSING and LEFEBVRE on smut sori in grass tissues, CONNERS on willow blight, BROADFOOT and CORMACK on a killing Basidiomycete; and in December, P. D. PETERSON on evaluating fungicides and John T. PRESLEY on Verticillium and its saltants. In Pl. Dis. Reporter of Oct. 1, KENKNIGHT spouts on watermelon diseases.

Here on the home front, EIDE* appears in Jour. Agr. Res. on potato scab, while in Phytopath, the following "give"-- HANSON* on curculionid and a barnyard-grass rot, LOEGERING on uredospore germination, DARLEY on Selenophoma germination, and KERNKAMP and MARTIN on Ustilago haploids.



*With Others

OLD TIMERS COLYUM

Harry white-pine-blister rust LACHMUND reported recently on the favorable results of a rest, when taken in California immediately following a thesis examination. This was before December 7, the day of the Hawaiian Blitz.

Direct news from Hawaii is as follows:

October 29, Haina, Hawaii

... "I was released from active army service on October 17 after transfer to the enlisted mens reserve. I was offered a job as agriculturist by the Honokaa Sugar Company which I accepted... have charge of the experimental work with sugarcane, but my big job at the present is with Macadamia nuts.... which sell for \$1.50 a pound here in Hawaii.

"Hawaii, the largest of the islands, is most interesting and quite scenic. I presume that everyone is aware that it has two mountains over 13,000 feet. One of these, if not both now are covered with snow. Waipio valley, at one end of our plantation, is one of the most beautiful in the islands.

"I visited the Andersons rather frequently while I was in Honolulu, it being nice to drop in for a good meal now and then while I was in the army.

"I shall always have memories of time well spent in Minnesota and friends I shall never forget."

My best regards to all
Chester A. WISMER

Dr. Fred S. THATCHER has a new address: Department of Bacteriology, MacDonald College, Quebec, where he will be Lecturer beginning with the new year. Thatcher sent "best wishes to the Mouldy Gang" from Ottawa, where he has been under appointment with the Department of Agriculture.

The Minnesota football team gets publicity in the Lafayette (La.) Daily Advertiser according to PETTY; and J. J. CHRISTENSEN and F. R. DAVIES appear in the Ft. Collins (Colo.) Express-Courier, to the delight of Temporary old Timer Ellis F. DARLEY. Re Colorado vs. Minnesota, says Daddy Darley, "I do not want to make you feel bad by talking about how nice it is out here, but I can't refrain from seizing the opportunity, for at this distance I can complete my statement without being booed down by an ignorant and ill-mannered seminar."

Teacher Tommy KING, now at Auburn, Alabama, described himself on November 28 as "humping" to keep ahead of his students. To the Seminar -- which he finds hard to imagine in the new building -- he extends regards.

On November 12, W. E. SACKSTON of the Winnipeg Laboratory, reported that he had been doing routine tasks..... On November 21 he announced his marriage! Judging from the way the bachelors are disappearing, taking a wife is quite the order of the day. A tisket, a tasket, a red and yellow basket -- how long will it be before he grumbles about carrying the market basket? But to be serious again -- Lois Stanley, who also went to school at McGill, is now Mrs. Sax, and we have seen her picture and we approve.

Sidney DICKINSON of Cambridge was reminded by something of the famous Mexican oranges, apparently, and perhaps for that reason wished he could be at Seminar, for he had his last orange sometime last autumn. Dickinson is working hard and still is full of the old fight. He asks to be remembered to all at the T.T.

Alan R. GEMMELL, of Glasgow, reports that they can have an egg a week and that he has his on Sunday! On other days he studies eelworms.

Good wishes also come from Jack WESTERN at Manchester, who has worked a great deal with tomatoes this past year, since "the war necessitated the conversion of flower and other houses to tomato cultivation, not always with very happy results." Because of our moving to new quarters, WESTERN mourns the passing of the "Better Ole!"

Did we tell you that Old Timer, Ted WRIGHT came up North again in November? He snatched Gladys Saline from the office, she slung on the white satin gown she was keeping for just such an emergency, they made vows Lutheranwise in Minneapolis -- this was on November 15 -- and away they pranced headlong down south again. We haven't heard from them since, although according to Dr. Kerny they got as far as Meridian, Mississippi, on November 21.

Dr. "Kerny," Milton H. KERNKAMP of Meridian, Mississippi, is getting acquainted with his new sorghum work in the South while he awaits the erection of a building, -- sugar work at Houma, survey through the state, and a day at Louisiana University with other ex-Minnesotans. Extra-curricularly, he reported, "We have listened to almost all of the Minnesota football games -- Ain't it wonderful to have such a famous Alma Mater?"

The VAUGHANS, Edward K. et famille, are now settled at Blacksburg, Virginia, and are "enthusiastic about the beautiful campus and the mountain scenery." When Vaughan comes to Minnesota next summer he must come prepared to defend his mountains against some of our other pets, such as the late J. J. Christensen farm mountains that can be seen from the new Seminar Room!

Joe RUPERT, as readers may know by this time, is a graduate research assistant in Dr. Leach's Department at Morgantown, West Virginia, and is investigating black canker of willow.

Dr. Julian G. LEACH, himself, has been heard from, but he didn't tell us any news about himself.

And the VAUGHNS are silent as the hills about them when the miners strike. We heard, though, that John gave a speech at White Sulphur Springs, where Dorothy went also in order to swell the applause, and that they have furnished a house in which they dwell -- when John isn't out of town. On the 20th of December they celebrated their first year of marriage!

An Insurgent in our ranks, according to the long-not-heard-from Dr. Reiner BONDE, now at Orono, Maine: "You should see my little daughter," says he. "She is some girl now. I told her she should attend college at Minnesota, but she informs me it will be Colby." BONDE sends regards.

Bernard SHEMA, the "paper" boy at Appleton, Wisconsin, dropped in for a moment the Saturday morning of the Northwestern Game, while we were in the process of weeping over Saline's departure.

Paul PETERSON, sulfur tycoon, was on hand to add his blessings that morning also. From out his not inconsiderable experience with 3 girls and 1 boy, Peterson's advice on "How to Burp a Baby" was so eloquent as to move us all to tears.

Dick VORHEES, way back in August, was hot at Alfred, Florida. But he enjoyed Aurora, he said, "and enjoyed it as much as usual, which is plenty." We at Minnesota enjoyed the following issue of Aurora, that scintillating, witty, imaginative and illustrated number from Edmonton. Didn't it make you want to rush right up there-- not to see the fish, but to renew acquaintance with the Minnesota orphans who fathered the issue?

On September 27, L. HWANG indicated his continued interest in Plant Pathology literature, which was getting through to him only irregularly.

Lee HINES, Associate Pathologist with the U.S.D.A. and until recently stationed at Bogalooosa, Louisiana, on tung investigations, announced on September 12 that he was father to John Thomas Hines. Since that time, HINES Sr. has set sail for rubber work in South America, where for 6 months or longer he will survey in detail potential rubber areas of Ecuador. Readers will recall that Lee has had experience with rubber in Liberia.

Our own special news service from California: "California is still on the map, altho I can imagine headlines back there, judging from past experiences, paint a sorry picture. J.J.C. had some publicity in local paper several weeks ago. Your fame spreads wide, Plant Path., and warms the heart of an Old Timer."

Gladys H. KEILMAN and family, Oakland

"Greetings from Dixie to my friends in the Tottering House, oh heck that's right, I forgot about the new Phytobrickhaus. Bet all the little spores had to clean up a little when they moved into the new building.

"At present I am trying to find the cause of an enigma known as the little-leaf disease of southern pines, particularly shortleaf, unless the red bugs or turnip tops knock me out. We have grand quarters in a brand new Forestry building. Coming up next fall to see the Gophers play football. Is Smith as good as Sinkwich?"

Lyle JACKSON

Dr. Jose VALLEGA, at Llavallol, Argentina, wrote on November 4, "I have..... today..... spent with my wife hours talking about our good Minnesota friends. Perhaps you can understand my feeling if I tell you that my best and happy days are when I receive the Aurora Sporealis and I can read where the New and Old Timers are and what they are doing."

MINNESOTA PERSONALS

The not-quite-so-far-east has donated another member to our esteemed group, namely John Rowell. He hails from Rhode Island where he completed his undergraduate studies and has been working with Dr. Horsfall and others on chemical therapy for a short time. Quite a fishing enthusiast, John had not been here three weeks before he had hauled some specimens of unbelievable dimensions from, believe it or not, Lake Johanna. The writer will vouch for their length, and also their smell. Aside from his scientific knowledge, John's well trained pitching arm may be of value too, come spring.

Rae Ann Downie now has a little brother, and from the sound of his name (Bruce) it seems he is destined to be one of Minnesota's greats in the line of football. Bruce, weighing somewhat over 7 pounds, arrived November 29.

Ted Wright, now a noted Old Timer of the South, increased by one more the ranks of the Old Timers when he and Gladys Saline of our office force were married this fall. The wedding took place in Minneapolis, after which they returned to the Southland. Last word received from the Wrights was a basket of Satsuma Oranges sent to us by Ted and Tommy King.

Miss Rosemary Miltich also left during the early fall for a new position, so that the office was in serious straits for awhile. However, order has again been restored under the capable hands of Misses Hazel Strege and Corrine Anderson.

Several of the members attended the Dallas meetings. Among those present were; the Big Chief, The Little Chief, Moore, Loegering, Hanson, Martin, Mitchell, and Rowell. All have returned despite the bitter cold except two. It seems our Chief just can't stay away from Mexico and has this time taken Cohort Loegering along. They have been collecting rust specimens, but are expected back most any day now.

Three language exams were hurdled during the past quarter. They were: Dave Gottlieb, French; Max Schuster and Harry Young, German.

John T. Presley returned once more to the lair in order to continue work with cotton rust and Verticillium wilt, and to study German. He has now returned to Arizona for the winter and it is understood he will be with us again in the spring.

After spending the summer studying the cultural habits and diseases of tobacco in Kentucky and North Carolina, C. T. Tsiang and Mrs. have returned to Minnesota. Chen-Tong recently passed his long-awaited prelim, with colors flying, we understand.

Norm Borlaug has also taken his prelim and is now slaving away on his thesis in preparation for his departure to Delaware on February 1st. He has a job there with the Dupont Company you know.

VISITORS

Old-Timers

J. Lewis Allison - Wisconsin
Axel Anderson - Michigan
Bob Atkinson - North Dakota
Hank Darling - Wisconsin
H. H. Flor - North Dakota
F. J. Greaney - Winnipeg
Herbert Johnson - Ohio
E. L. LeClerg - Louisiana
Rosemary McLeod - Illinois

Paul Peterson - New York
Milt. Petty and wife - Louisiana
R. A. Rodenhiser - Washington, D.C.
Joe Rupert - West Virginia
Berny Shema - Wisconsin
A. Sherf - Nebraska
C. P. Shumway - Cambridge, Minn.
Don Stewart and wife - Duluth,
J. M. Wallace - California (Minn.)

Ted. Wright - Alabama

Other Visitors

A. H. Reginald Buller - Winnipeg
H. G. Guy - Pennsylvania
Henry Hansen - Michigan
R. J. Haskell - Washington, D. C.
M. B. Linford - Hawaii

K. Parris - Columbia, Missouri
W. L. Popham - Washington, D. C.
C. S. Reddy - Iowa
T. C. Ryker - Louisiana
W. B. Tisdale - Delaware

A. A. Nikitin, Copperhill, Tenn.

MINNESOTA SPORTS

Undaunted and with fervor unabated because of previous poor predictions the sports editor will continue to present cold facts and figures dealing with sports at Minnesota.

Once more the football team has lucked through to a perfect season with the aid of an easy schedule. One sometimes wonders why Minnesota does not play all the other teams in the league on a "home and home" basis. Certainly the team enjoyed a distinct advantage this season since only three of its games were played away from home. The team was just plain lucky in three of its encounters this fall, being aided by several good breaks.

The basketball season is under way and, as usual, the team started out like a "house afire", bowling through five "set ups." Momentum and some fine playing carried them through the first contest with Ohio State. However, Northwestern proceeded to dump them on their ears and hopes for an undefeated season were thereby blasted. As usual the sports writers of the Twin Cities gave Minnesota the conference crown before a single game had been played. Now it appears that such a prediction was just a wee bit premature.

The Plant Path. bowling team is holding down the cellar position for the second straight year. Downie has almost given up his recreational approach and seldom gutters a ball, except after strikes and spares. A brief summary of averages follows:

Young - - - -	-138	Schuster - -	-123
Preston - - -	-135	Eide - - - -	-121
Fresley - - -	-135	Silverberg -	-120
Martin - - -	-124	Downie - - -	-117
Loegering - -	-124	Rowell - - -	-100

The cold blasts of winter are frosting the panes of the new building, but nevertheless the inmates are looking ahead to kittenball time. Various members are keeping their arms limbered up, if'n we only dared to practice in the hallways! We will be out in full force to avenge all defeats of last year. Even now our Chief scout is searching the byways of Mexico for an outstanding pitcher.

SIGNS AND SYMPTOMS

If some of the strategy and tactics advanced at the regular coffee sessions could be taken over and digested by the military, this war would be over in no time.

Sharvelle has lost six wrinkles and two frowns since he completed the new building.

Advice to people who lock themselves out of their offices; tie your key around your wrist.

DALLAS DOPE

Minnesota Old Timers were well represented at the Dallas meetings, with 23 papers (involving 19 individuals) presented -- 21 in the American Phytopathological Society and 2 in the American Mycological Society. Three of these papers were of a demonstration type (an exhibit and a demonstrator on hand for an afternoon).

The Minnesota group also played an important part in various conferences; particularly those on Cooperative Seed Treatment Experiments, and National Defense. To top it all off, Old Timers Stakman and Leach along with Dr. R. F. White were appointed on the principal committee, a National Defense Board. The United States will be divided into regional divisions, the various divisions being governed by the central committee.

Dr. C. C. Allison was appointed Secretary of the Phytopathological Society, while Rodenhiser was elected Councilor. President Leach presided at the Phytopathological dinner and did a mighty nice job of it. Although the group at the dinner appeared smaller than usual, the entire Minnesota gang was there and gave the President a big hand.

Midst shaking of hands, shouted greetings, and much reminiscence, the old and present-Timers of Phytobrickhaus tremuloides and Phytoblockhaus concretus respectively, gathered for the 14th annual Minnesota dinner in Dallas. Forty some-odd people, captained by Old-Timer Chilton, of Louisiana, with able assistance of Bill Loegering, crowded into the coffee shop of the Southland Hotel to partake of the very edible "stake" dinner. When all present were satiated with victuals and relaxed with cigars a-fire, Toastmaster Chilton, in high spirits and in rare form, introduced everyone present with a short biographical sketch of their past achievements, some of which were unique and almost incredible. Many of the Old-Timers present craved the opportunity of introducing Chilton; the task fell to Dr. I. L. Forbes, who minced no words in so doing.

Unfortunately, because meetings were scheduled early in the evening, there was no time to hear from any of the Old-Timers and guests that were present, and the sole speech of the evening was made by Big Chief Stakman.

Those present at the banquet were:

Allison, Clyde C.	Kenknight, G.
Anderson, C. George - "Big Andy"	Kernkamp, M. F.
Bulger, Ray	King, Tommy
Chilton, St. J. P. - "Rudy"	Leach, J. G.
Christensen, J. J.	LeClerg, E. L.
Darley, Ellis F.	Loegering, Bill
Decker, Phares	Manke, C.
Edgerton, C. W.	Martin, "Wes"
Ezekiel, Walter	Martland, J. "Stoop"
Fletcher, Don	Mitchell, Jack
Flor, Harold and wife	Moore, Matt
Forbes, I. L. and wife	Oltman,
Frampton, V.	Petty, M., wife , and mother-in-
Greaney, F. J.	Rowell, Jack law
Hansing, Earl and wife	Shema, Berny
Hanson, Earle	Sherf, Arden
Harrar, J. G. - "Dutch"	Stakman, E. C. - "Big Chief"
Henson, "Man Mountain"	Thornberry, H. H.
Jehle, R.	Valleau, W. D.
Johnson, E. M.	Wallace, J. M. - "Peewee"

PUBLIC SERVICES

A Conference of Extension Pathologists, Agronomists, Entomologists, and Soils-men from Minnesota and North and South Dakota was held at the Nicollet Hotel in Minneapolis on December 5-6, 1941, with O. S. Fisher, extension agronomist, and R. J. Haskell, extension plant pathologist, from Washington, D.C. Minnesota's R. C. Rose reports that a committee drew up the following recommendations concerning extension work along plant disease, agronomical, and entomological lines:

- (1) Give more publicity to the relation of crown rust of oats and buckthorn.
- (2) Test further the resistant oat varieties showing promise.
- (3) Place emphasis on thorough treatment of seed grains to improve stands and yields.
- (4) Suggest that the Federal government in allotting priorities on chemicals, keep in mind that certain mercury and copper compounds are quite essential to agriculture's program of food production.

E. C. Stakman gave a talk at the Annual Minnesota Extension Conference that was attended by county agents and extension pathologists, Dec. 15-19, 1941, at University Farm.

J. J. Christensen, C. J. Eide, I. Tervet, and M. B. Moore spoke at the Adult Farmers Short Course sponsored by the Sears and Roebuck Company, Nov. 25 to Dec. 20.

J. J. Christensen journeyed to Austin, Minnesota, Dec. 15, 1941, to attend the Farmers Short Course there. Chris' talk dealt with scab in relation to the feed value of grain and its control. The meeting dealt with swine and crop improvement.

Tervet and Sharvelle represented this division at the Upper Mississippi Valley Pathologists meetings on NATIONAL DEFENSE, held at McGregor, Iowa, on the 19th of Dec.

The Crop Protection Association, which is a group of business men interested in crop improvement, had a get together in our seminar room December 17. Big Chief impressed upon them the importance of barberry eradication in stem rust control with slides and actual rust exhibits to drive the nail home. Madam Grapevine says the group was quite impressed and satisfied.

The Flax Institute of the United States met at Hotel Nicollet, Minneapolis, on November 21, 1941. Attending were Stakman, J. J. Christensen, Tervet, Borlaug, and Schuster. The meeting covered flax improvement, its relation to the AAA, paper, line-elevators, commission men, and national defense (linseed oil in the paint industry) Increases in flax acreage were called for. A representative of the paint and varnish group expressed fear that there may be a shortage of linseed oil should the soap manufacturers wish to use this unsaturated oil. Of the drying oils used in the paint and varnish industry, 60-75% is linseed.

MORE FLAX MORE LINSEED OIL MORE PAINT MORE BATTLESHIPS ????????

MINNESOTA SEMINARS

(Tuesday 4 - 6)

Topics discussed in the class seminar during the first quarter ranged from mycoses of humans to vaccination of trees. Supplementary information included, among other things, discussions on ring and diffuse porous wood, stability of characters used in classification of insects, and the place of the bacteria in the plant kingdom.

Lead off man was Ed Andrews with a discussion of "Some Fungous Diseases of Humans." The free use of such terms as "aleurospores," "spindle spores," and "allergy of infection" was very effective in deflating the ego of most of those present. No one expressed disappointment on learning that, for the present, these diseases are in the field of medical biology rather than phytopathology.

"The Present Status of Taxonomy in the Phytopathogenic Bacteria" was discussed by D. A. Preston. The existing confusion was not completely cleared away. Preston presented evidence to prove that the system of Dowson is superior to that of Migula-Smith, or the S. A. B. but E. C. S. was not convinced. Time ended the verbal combat with both Preston and the Chief standing pat.

"Cercospora Foot Rot of Winter Cereals" is a disease of considerable importance on winter cereals in certain prairie regions of Washington, Oregon, and Idaho, according to G. A. Rogler of Agronomy. Maybe G. A. was absolutely right on the majority of his statements or maybe the class was still recuperating from the previous week, but for some reason most of his statements went by unchallenged.

Chas. L. Hovey of Entomology followed with a paper on "Yellow Dwarf of Potatoes." Some time was required to convince those of the "Doubting Thomas" type that the first symptoms to show on the plant in the field are secondary symptoms and that the primary symptoms are those of the diseased tuber that produced the plant. It appears that there may be physiologic races of the virus and that the apparent contradiction of different investigators as to the identity of the insect vector may be due to the fact that they were working with different strains of the virus.

The theories which have been advanced to account for wilting of plants infected with parasitic vascular fungi were reviewed by David Gottlieb in a discussion of "Tomato Wilt". Dave presented some of his results proving that a toxin is produced inside the diseased plant but refused to make dogmatic statements about the relation of the toxin to the injury of the diseased plant. His results are to be published soon and are both interesting and enlightening.

J. W. Hendrix, one of the potato boys, came up with a dissertation on "Physiologic Strains of Rhizoctonia". Charts and diagrams showing differences in pathogenicity, physiology, and cultural characters of pure clones of different isolations were used to prove that physiologic strains do exist.

J. B. Rowell ended the quarter with an illustrated lecture on "Internal Chemical Therapy of Trees." Rowell quoted results obtained last summer at Connecticut to prove that the value of injections into plants as a control measure for certain diseases is not yet definitely known. Maybe the sceptics will be convinced yet.

(Literature Seminar)

The big news since seminar was last mentioned in Aurora is the occupation of the new "Lawdge Hall." The old room, scene of many a solemn prelim and of numerous seminars, was not left without ceremony. Here on October 16, 1941, under the benign gaze of Sorauer, De Bary, Buller, and Freeman (photos), Minnesota pathologists assembled for the last time to do honor to all whose efforts made it a place of intellectual feasting and fellowship. Because of the importance of the occasion, the minutes of this meeting are reproduced herewith in full.

MINUTES OF THE LAST LITERATURE SEMINAR IN THE
TOTTERING TOWER

October 16, 1941

"The meeting was opened in the atmosphere of a wake. Armbands of black were worn by all present. With a mighty ringing of the bell the door was opened and each person filed in, signed the roll for the last time by candlelight, and took his seat facing the wall.

"Undertaker C. J. Eide, in charge of the remains, called on the Right Reverend Deacon Ian Tervet to invoke the devil in these surroundings. Scottish gentleman recalled the glories of this hall in the past, and prayed that the Spirit of the Tottering Tower be incorporated into Phytoblockhaus concretus var erectus. P. tremuloides has passed on; long live Phytoblockhaus concretus var erectus. Much wailing, coughing, and nose-blowing took place throughout the ceremony.

"Testimonials were given by several, beginning with The Big Chief who traced the evolution of the Old Tower from an armory through a Gymnasium to its present venerable dilapidation and the enumeration of the great feats of E. C. S. and a few others. Miss Dodsall gave the history of the library and herbarium, praising especially J. J. Christensen's voluminous collection although she also intimated that some of his tactics involved poor taste. (Tsk! Tsk!, what does that mean?) Dr. Melander spoke on the past history of the preparation laboratory, giving several important suggestions for the establishment of a museum for the preservation of various forms of equipment from said laboratory. He also deviated slightly from the main topic of his speech, as is his custom, and related some very interesting tales about the Chief. J. J. Christensen unveiled the mystery of Q.C.F., giving the policies and the history of this great organization from the time of its inception to the present.

"Following the horseplay Dr. Kaufert introduced Dr. Stanley Buckman to the neophytes. Dr. Buckman gave a short talk on wood preservatives.

"The last motion for adjournment was made at 11:05 p.m. by William Q. Loegering and was seconded by Weston J. Martin. This motion carried unanimously."

It seems fitting that this last meeting, though devoted to obituaries and mourning, ended on a scientific note with a short talk on wood preservatives by Dr. Stanley Buckman. The last echoes in the old room that night were not of weeping, but of scientific discussion.

The first literature seminar in the new quarters was equally auspicious. A new committee was duly installed and the several members thereof presented with the symbols of their offices, as follows:

Norm. Borlaug, Chairman	--- Gavel and Bell	Walt Hendrix, Chef	--- Coffee Pot
Harry Young, Scribe	--- The Roll Book.	Bill Loegering, Treas.	--- Money Box

Two papers of some note were reviewed, to initiate the new room properly. One, called "Spore Germination in Some Cereal Smuts" by an E. C. Stakman, was reviewed by Dr. J. J. Christensen. Dr. Christensen, while pointing out some weak points and errors in the paper, was generous in his praise and predicted that the young man would go far.

By coincidence, Dr. Hart had picked up a paper on rust by the same author, published in 1916. Her reaction to his work on rust was that he had better stick to smuts rather than try to be a uredinologist.

The refreshments for the evening were furnished by the Chief, and included two hams as the piece de resistance.

The new seminar room has already become the retreat and social center for graduate students that Stak has planned for 20 years. Although it now contains only one overstuffed rocking chair (2nd or 3rd hand, and origin unknown), and the other chairs and tables now present came from the old Union Cafeteria, time and the Old Timers will remedy this. Even so the room is the scene of daily "coffee hours" at 4 and 10 p.m., at which war, football and occasionally science are discussed in vigorous terms. During off hours it is not uncommon to find one or two students enlightening or amusing themselves at the lend-lease library of books and magazines.

The facilities of the new sanctum are open to any Old Timer or Visiting Scientist, who will be shown its glories and then asked to speak. A few individuals who have thus honored us are as follows:

Oct. 7. Dr. E. L. LeClerg was the last visitor at a regular seminar in the old building. He talked about potatoes, started a good argument about the merits of the "shot-gun" test in breeding for disease resistance.

Nov. 3. (Special) Dr. P. D. Peterson spoke on sulfur as a fungicide and insecticide. Sulfur puts the coccidium in chickens to sleep and when he awakes the chicken is gone. It's as simple as that, Pete says.

Nov. 5. (Special) Dr. M. B. Linford, in charge of pathology for the Pineapple Cannery Ass'n. in Hawaii gave one of the best scientific talks in recent years on his work on nematodes.

Nov. 6. (Lit.) Dr. T.C. Ryker, L.S.U., gave a very instructive talk about his work on rice diseases, as well as a few remarks about other plant diseases in Louisiana.

Nov. 13. (Lit.) Mr. D. Grussendorf, County Agent in St. Louis Co., showed us pictures of fishing and bathing beauties from Minnesota's famed northland. He says the women were imported from Chicago.

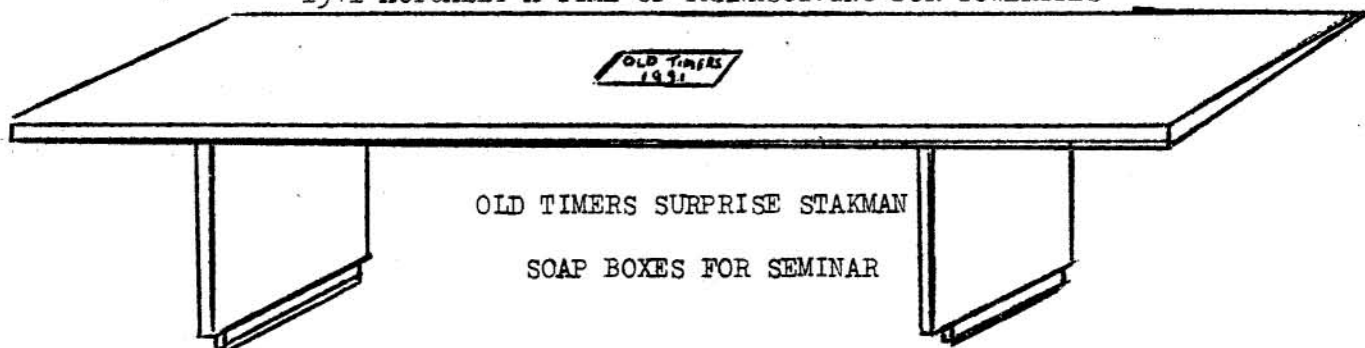
The same evening Dr. H. A. (Rody) Rodenhiser, enlightened us about his recent work on stinking smut and Dave Bartelma, wrestling coach, made a few remarks about the chances of Minnesota's football team against future opponents. Talk about a varied program! Add a few philosophical remarks by E.C.S., food by Coyt Wilson (Ala.), who can also make an entertaining birthday speech, and you have a full evening -- free.

Dec. 4. (Lit.) Dr. R. J. Haskell, whom we have the pleasure of hearing about once a year, gave us some of the latest dope on plant diseases and disease control throughout the country, and opened the question of what pathologists might do in war time to assist national defense.

EXTRA!

EXTRA!

1941 ACTUALLY A TIME OF THANKSGIVING FOR TOWERITES



It was the morning of November 22 that Hank Darling and Lew Allison sauntered into Phytoblockhaus, ostensibly to mortify football fans at the Wisconsin-Minnesota game, but secretly to spring surprises on the unsuspecting Stakman and Seminar satellites. Two conference tables and a speaker's table (all in miniature)) were ceremoniously presented to Big Chief ECS, and to the myriads of Present and Future Timers. OLD TIMERS of all the past ages apparently sent out their spirits and their shekels to rekindle the conference fires in the new tepee, to stimulate the noble arts of argumentation and discussion, and to forge still more links in the chain that ties us all to the constant search for truth.

A simple "Thank you" is entirely inadequate to express the gratitude of the present and future occupants of Phytoblockhaus magnificus to those whose fertile brains conceived the idea and contributed the funds for the Seminar desk and tables. John L. Sullivan couldn't have been more surprised when Corbett smacked him on the jowl, nor more pleased than Corbett when Jawn L's knees sagged. What a surprise party! And was at least one party surprised!! No act of the Old Timers could have been more eloquent of their realization that Seminars are a cooperative enterprise in intellectual and spiritual development. No gift could have been more symbolic of the continuity of group effort to acquire knowledge and develop wisdom; nothing could have been more gratifying than this evidence of desire on the part of those who have been here to help those who are now here and the others who may come. And how did the esthetic appreciation insinuate itself into the minds of those who sat in the drafts and chills and smells of the Old Seminar Room? Anyhow, Old Timers, "Thank you" is a sample of hopeless inadequacy, but it is not the first time. Skål!!

E. Stakman