

## OLD TIMERS COLYUM

Long time no see! Canadian issue arrive and hold up Old Timer news. Editor say STOP PRESS, big extra out, hold back Old Timer News. Seems unfair until Canadian extra read. Now believe AURORA staff should resign in body and be replaced by Imperial Winnipegians. In meantime, following notes have accumulated.

The new Under Secretary and Director of Agriculture of New South Wales, Old Timer R. J. NOBLE, writes "Our departmental activities are so diverse and so extensive that I do believe that I will like my new task. I only wish that I were undertaking it in more normal times..." That he is undertaking it with vigor, however, is reported in The Agricultural Gazette of Oct. 1; "As we go to press, the broad outline of a very complete reorganisation of the educational and investigational services of the Department...has been released by Dr. R. J. Noble... Under the new arrangement, related branches are grouped on a divisional basis, each in charge of a Chief of Division...Not only will this...improve internal efficiency and prevent the likelihood of overlapping...but...the Department as a whole will be in a better position than formerly to render more effective service to the man on the land." Seven Divisions are outlined, employing a staff of 1,630.

"Dr. Noble is keeping very fit and looks really flourishing with all the extra work imposed upon him. I guess it is the variety that is keeping him so fit," said Old-Timer H. J. HYNES, on August 8. Here in the Tottering Tower no one has been heard to do aught but lament because of variety! Let this be the Lesson for today (good topic for editorial by Ye Absent Ed.): Let him who thinks he is busier than the Under-Secretary and Director step forth and record in the expensive face stone of the rising New Tower his list of daily tasks, so that future groups of sighing strugglers may gaze and gasp and drown their moanings in humility! Let him who thinks that he is even HALF so busy as any Under-Secretary OR Director consult his physician immediately and take Vitamin B<sub>1</sub> twice a day.

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Another busy Old-Timer in Australia is Dr. H. J. HYNES, who was appointed Chief Biologist in the Department of Agriculture in Dr. Noble's place. He wrote on August 20: "I am doing my best to uphold the traditions set by him when Chief Biologist." Our congratulations, DR. HYNES, on your choice of preceptor and on your promotion.

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Dr. S. J. WELLENSIEK reported from Holland late in September: "...although a part of Wageningen was destroyed, our institution and our house were saved... The other week five bombs were deposited in our experimental field, less than 100 yards from the building. Again the lab was saved, but the field looks like one of Java's craters. I am extremely fortunate, however, that my work goes on almost entirely undisturbed...Among the many uncertainties which surround us, it is a great relief that the interior certainty of scientific truth remains undisturbed forever. Our best regards to the Towerites..."

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Sydney DICKINSON says it's "carry on" at Cambridge also. He has given up his rust work but is continuing with potato blight, breeding, and virus resistance, and has taken on lithium work also; he even promises a new principle of plant protection...for the future. All this, in between air raids which occasion considerable loss of sleep, which must then be made up in the daytime. Mrs. Dickinson also is at a post two nights a week and on patrol for a third, in addition to Red Cross work and caring for evacuated mothers and children. (Where now is the man or boy who thought he had a lot to do? Even the Under Secretary! Old Timers who know DICKINSON could help to fill in his spare hours by writing him long letters. Old Timers who are working on potatoes could keep him first on their lists for news of disease developments. We could do this little bit to help him carry on! He shows no need of encouragement or help, but he might like it. What say?

At Auchincruive by Ayre, Dr. Allan R. GEMMELL finds that there is variation even in the eelworm. Early in December he anticipated an early discontinuation of his association with this "beast" by reason of an approaching "call-up" to military duty. In the meantime, he states, "I am in the Observer Corps of the R.A.F. and spend my nights in a control centre following the tracks of enemy planes as they go about their business over the country." Despite occasional air raids, which make the streets look ragged and untidy in the morning, he vouches for the fact that Glasgow still stands where it did...GEMMELL sends everybody Holiday greetings!

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The same story of work under difficulties comes from Dr. Lee LING, who wrote on July 4, "No matter the hot weather and the air raids, we are still working with plenty of interests. Since I came here (Chengtu), the problem of rust epidemic has been one of my chief interests..." Near Liuchow, Dr. T. C. LOH, one of the historic spiked shoes that hang from the wall of the Canyon, reported on Sept. 4 that Dr. HWANG and he had received the Kentucky issue of Aurora and that "it certainly is interesting to learn something going on in a peace abiding country... now nearly every day we have air raid alarms. Though this station, which is only 17 kilometers away from Liuchow, has never been bombed by enemy planes which often circled high above our buildings, nevertheless our working efficiency is greatly reduced.... Please just say hello to the members of the Department who can still recall my image."

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Battles between the Wind and the Trees go on in the Falkland Islands, according to Old-Timer J. G. GIBBS, battles between the drains and the water-logged peat, between the disdain of the 600,000 sheep for Yorkshire fog and their instinct for survival! This was going on in June; has the Plant Doctor found more problems in the meantime? Where man does not battle, apparently the forces of nature will. Try arbitration, Dr. GIBBS. Grow rubber trees that will give with the wind, sow grasses in the drains instead of the peat, and just before feeding time each day, dust all pastures by airplane with palatable powdered cottonseed cake. (Let us know what results you get with this treatment.)

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Between this pastoral land and the home of the Tottering Tower wanders Old-Timer Big Chief STAKMAN. He wanders from mountain peak to valley, from jungle to champagne-cup reception, by plane, sun boat, car, and mule, from Rostbif with micro-organisms and without gravy to tapir meat, meeting llamas and ambassadors and 1 Cebu bull, learning things diplomatic but yearning for a good argument, and at the same time writing air mail every other day for an extension of leave. Soon there will be no one here, for Chief Pro Tem is eliminating inhabitants by handfuls. In the wanderer's absence we gamble and frisk, while he gambols up the Amazon, Marañon, Napo, Putamayo, Yavari, and Ucayali, frisks from Peru to Ecuador to Colombia, uphill, downriver, over tree, and (we venture) cuts right across the "regular channels". In September he wrote: "Vaya con Dios y Minerva." In October:

"Los Miembros Norte Americanos y Peruanos de la Comisión de Estudios del Jefe, tienen el agrado de invitar a Ud. a tomar una copa de Champaña, en el local del Centro Internacional el día Viernes 11 del presente, a horas 6 y 30 p.m. Iquitos, 9 de Octubre de 1940."

Also in October: "Please tell the various people who have written that my intentions are good, but that time is short and there are some things which just have to be done within a given length of time."

In November:

"Hope every one is well, happy, getting rich and revolutionizing Science-- Felicidades and etc...." Think of the tall stories we will hear when he returns -- if he returns -- Our ears grow big at the thought of them!

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Dr. GARCIA-RADA sends best regards from Peru via his South American cousin, E. C. Stakman. We hope we shall hear more news from Dr. G-R himself. Shall we save space for you in the next spouting?

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Senor José VALIEGA, Old-Timer and faithless father of Cherry Bounce, has transferred his affections to teliospores of P. graminis and has petted them so tenderly they will not germinate. This news comes indirectly. If AURORA malians him, he will have to berate her personally!

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The Plant Pathology Seminar -

P. and T. Landen,  
Soebang, JAVA, 2d Oct., 1940

"Many thanks for your good wishes and congratulations on my appointment to this Company ... I had feared ... that I had rather faded into the limbo of the passing years.

"The sight of familiar signatures took me back to happenings of many happy days spent in and about the T.T. How well I can remember the look of astonishment on the face of Helen Hart, out checking up on the stomata of Triticum spp. at dawn, when she saw a large Mexican hat rise out of a wheat plot; the voice of the Viking inhabitant of that small place opposite the Seminar room, which shook the very foundation and made the Tower Tatter; the 10-second running shoes of "Frenchy" Sharvelle - the sole survivor of the "Foreign Legion" who inhabited room 305; also other boots, mud-caked and form-like which had the habit of turning up in most unexpected places, sometimes to the embarrassment of the ladies.

"It is not within my power to send over some of the warmth and sunshine of Java...but it is my fervent hope that I shall be able to come back and visit you all in a few years time and tell you something about it....

"Until then ....

Lang zullen zij leven

Sincerely,

J. G. CHURCHWARD

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Dr. A. W. HENRY, of Edmonton, Alta., marvels that we boast so little of the 1940 football team. Apparently hybrid vigor is not showing up in this Colyum in the absence of Ye Ed. But within the walls of the Trembling Tatterer it doesn't take 11 men with padded knees and chests to wage a battle: one Dane with spirit can hold the line. Come down from the Canadian plains and mountains and watch the windows bulge from press of words within! ... We'd like more news about you and your family, Dr. HENRY.

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"Best regards to the whole group," says W. J. CHEREWICK, of Winnipeg.

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From Iolani Palace in Honolulu comes word that one of the men whose serial number was first drawn in the Hawaiian draft lottery was Old-Timer Chester A. WISMER, HSPA agriculturist. Whereupon, according to newspaper reports, he signed an application to volunteer. "As long as I'm going to be called, I may as well be the first," he is quoted as saying. He obtained his M.S. here in 1933, has established residence requirements for a Ph.D., and has spent the past two years in Hawaii. His military experience consists of two years with the ROTC at Kansas University, in an engineering outfit. Here's our best wishes, WISMER!

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One of the earliest Old Timers was Dr. R. A. JEHLE, M.S. Minn. 1910, Ph. D. Cornell 1915, whose picture you have seen with W. L. Oswald, E. M. Freeman, and E. C. Stakman, all of them draped more or less gracefully along the wall of a State Fair exhibit in 1911. News of Dr. JEHLE appeared recently in Minnesota Alumni Weekly. At Maryland since 1921, Dr. JEHLE has been appointed chairman of the plant pathology group in the Department of Botany, succeeding Professor C. E. Temple, who retired on October 1. Dr. Jehle also has a son who is studying at the University of Maryland. (For a historical sketch of Jehle père, see American Men of Science.)

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Recently departed Old-Timer John A. MITCHELL wrote in October from Louisiana as follows:

"Have practically no free time at all outside of the lab, so don't get out except on field trips with some of the men. Tomorrow I go out with Ryker to Crawley for a couple of days' work at the Rice Station. Most of my outside work so far has been on sugar cane which I have found very interesting." ... I find myself getting quite fond of the country. I even drink coffee and eat the butter without thinking of it most of the time". Late in December MITCHELL said he was working 14 to 16 hours a day 7 days a week, and liking it.

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At Greeley, Colorado, L. A. Color-Photography SCHAAL took time off from posing his beautiful blue-eyed potatoes to wish everybody a "very Merry Christmas and a prosperous New Year."

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Greetings also came recently from Lyle W. R. JACKSON and Mrs. Jackson. Lyle says, "I am now stationed at the Forestry School, University of Georgia, Athens. Still chasing fungi for 'Uncle'."

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Donald M. Tall-Blond-and-H. STEWART, one of AURORA's fans, appeared personally on December 30 to say that he read every word of every issue from cover to cover! (Cf. fan mail item under WEISS). At 219 Federal Building, Duluth, Minn., Mr. STEWART continues his work with white pine blister rust and looks decidedly fit!

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But time eventually takes its toll. Dr. Olaf S. AAMODT pleased us with a short visit this fall and, although he doesn't look as if the years had begun to count, admitted that he had taken to spectacles!

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"How about a Rose Bowl game?" asked Gladys "Kelly" Keilman of Los Angeles. "I was planning on being able to tell these Californians 'SEE what we MINNESOTANS can do!'"

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Thomas LASKARIS, against a backdrop of delphiniums in New York, said some time ago: "I hope to stir up enough energy to begin the very distasteful task of writing a thesis pretty soon." He also sounded just a wee bit homesick for Minnesota.

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H. G. LACHMUND, at Happy Camp R.S., California, reports "Recollections of my courses and associations at the Farm have remained active and pleasant since I returned to California to trace the spread of white pine blister rust southward .. shall be looking forward to getting back and becoming a part of it again in January."

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We enjoyed fresh dates and sweet cactus candy from the Southwest at the expense of Temporary Old-Timer Tall-Dark-and-H. PRESLEY, who wrote on Oct. 1: "I really miss the gang more than I had supposed and join you in a bit of wishing. If I can not be there in person you can bet that I am there in spirit and rooting for Plant Path. all the way..."

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On the other hand, Dorothy JOHNSON Berglund, who was recently felled in Cupid's little Krieg, seems to be all lah-de-dah about housekeeping and entertaining in her own personal tower at Redwood Falls, Minnesota. So say we all, we ladies: 'Tis better to be a fireside puss than an office mouse. Who wouldn't rather hear a groceryman's yowl than a typewriter's clack or a boss's howl?

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Ralph M. "Lindy" LINDGREN, of A. D. Chapman and Company, Inc., says: "Am still traveling around in salesman style pretty steadily but unfortunately my travels haven't carried me into Minnesota territory recently. Am hoping to get up that way relatively soon and to see all of you again."

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The house that Tommy and Vera GRAHAM built is  $\frac{1}{2}$  mile outside the city limits of Florence, S. C., on a plot of 6.48 A., situated in the pines. Two acres are cleared, there are a garden and plans for a fruit and nut orchard. The domain is bounded by a branch -- "creek" to a middle westerner -- says Vera, which offers opportunity for further gardening. AURORA suggests the J. J. Christensen method of building up an orchard and garden: Beg plants from everybody! "Scientific interest" is an all-encompassing excuse which serves many ends.

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#### ERRATA

"I don't like to contradict anything that Aurora S. prints for fear of weakening its subscribers' faith in its omniscience, but I mist SCOTCH AS UNFOUNDED RUMOR the story that the Department of Agriculture has been deprived of my services (or I of its patronage...). I did transfer from the Division of Fruit and Vegetable Crops to Mycology and Disease Survey, but this is strictly intra Bureau...I believe my present duties were mentioned in Aurora last spring...Anyway, I am now assigned to revise the Check List of U. S. plant diseases--old Department Bulletin 1366, issued in 1926... If I complete this revision, Aurora will not need to chronicle my obituary for at least a year or two. The current production is distributed to an eager public (this is straight stuff--I have dozens of fan letters to prove it) via the medium of sectional issues in the Plant Disease Reporter. (See BOOKSHELF) We will even supply reprints of the sectional issues to those who wish to file them apart from the Reporter, provided the recipients will agree to help us detect errors of omission or otherwise in the Check List...".

Freeman WEISS

A thousand pardons, Dr. WEISS. We are happy that you did not lose yourself in the outer world. If we find an error in the Check List, may we be forgiven?

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#### MINNESOTA PERSONALS

Romance wins first place in this department. Miss Dorothy J. Blaisdell and John R. Vaughn, both members of the Twoer, said "I do" to each other on December 20 at St. Paul. Thereupon they proceeded to the bridegroom's original habitat, Colorado, for honeymoon and holidays. Best wishes to the newlyweds.

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Second place goes to 'edication'. It is a shame to let this subject rank so high at T.T. but here are the results:

Don deZeeuw--M.S.--Pathological and cultural differences in isolates of Rhizoctonia solani Kuhn.

J. R. Vaughn--M.S.--Nature of resistance to Actinomyces scabies.

Dudley Preston--M.S.--Seasonal trends of air-borne fungus spores in the vicinity of St. Paul, Minnesota.

S. M. Chen--M.S. and Prelim--Induced variation in Rhizoctonia solani.

Andy Downie--M.S. and Prelim--Root rot and damping off of oats.

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Dr. C. I. Shen and wife left the interior of Tottering Tower for the interior of China. C. T. Tsiang tells us that they arrived safely.

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I. A. Watson is touring the south and east to find out how experiment stations should run, prior to leaving for Australia. He expects to inject new life into the workers: "down under".

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Spending the holidays at the meetings are: Acting Chief, J. J. C.; New Building Director, Eric Sharvelle; Chief Trip Arranger ('I wish I could sell two more tickets') Tommie King; and Head Ruster, Bill Loearing.

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Plant Path. welcomes two new members. They have the misfortune of residing in the 'canyon', but this should not be held against them, so we will give them a line or two.

Waldemar E. Sackston comes from the University of Manitoba and from McGill College, Montreal, Canada, with an M. Sc. in Plant Pathology. His first contribution to Minnesota is a powerful bowling average of 73.

David Gottlieb hails from the College of the City of New York and from Iowa State with an M. S. in Plant Chemistry. He's already got Eide confused on carbohydrate nutrition of fungi.

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Miss Rosemary Miltich joins the office force of T.T. She replaces Mrs. Milton Berglund (nee Dorothy Ann Johnson).

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#### PUBLIC SERVICES

J. J. Christensen discussed the problem of black point on durum wheat with a group of grain men and buyers in the Twin Cities on December 17, 1940. The meeting was held under the auspices of the North West Crop Improvement Association. Black point has been a serious problem this year, lowering the price of grain by more than \$0.20 per bushel in some instances.

The Annual Meeting of the Flax Institute of the U. S. was held in Minneapolis at the Nicollet Hotel on November 8. Several members of T. T. attended and J.J.C. discussed the disease problems in relation to developing resistant varieties of flax.

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#### EVENING SEMINARS

During the course of the past quarter an abundance of literature has been reviewed. The new members of the T.T. have been among the most frequent contributors. In addition to the regular literature review we have been fortunate to hear several very interesting talks from former Towerites and friends.

Sept. 5 - James Wallace talked on the acquired tolerance of tobacco and tomato plants to curly top virus. Not only was this a very interesting talk but it was excellently illustrated with colored slides.

Sept. 12 - A. F. Verrall, of the Southern Forest Experiment Station, gave a talk on "Decay of Structural Timbers".

Oct. 3 - C. P. Zorsch, formerly of Cornell, presented a talk on eradicant sprays, with special emphasis on Elgetol and Sinox.

Oct. 17 - The annual departmental picnic was held at Minnehaha Park.

Oct. 10 - Seminar was held at the home of Earle Hanson. Several very entertaining reels of travel pictures were shown and, after comparing the beauty of western mountain scenery with that of Minnesota autumn landscapes, most of the members agreed that Minnesota had virtues other than wheat, sky-blue water, and mosquitoes.

Nov. 28 - The candidates for the M.S. degree, Dudley Preston, Don deZeeuw, S. M. Chen, and John Vaughn each gave a summary of their thesis findings.

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Football

Once again the Gophers have climbed to the position of top-ranking team in the country. Even though some of the games seemed rather close, the Gophers always had a way of pulling up ahead before the finish. Here are the scores of some of the biggest thrillers of the year:

Washington	14	Minnesota	19	Northwestern	12	Minnesota	13
Nebraska	7	"	13	Michigan	6	"	7
Ohio State	7	"	13	Purdue	6	"	33
Iowa	6	"	34	Wisconsin	13	"	22

Bowling

A milder type of athletics has taken over the interest of many of the Tower-ites this year, including that of the great expounder of the belief that 'whenever anyone feels like exercising he should lie down until the feeling disappears'. Eide says, "There's nothing to bowling. All you have to do is roll the ball down the alley, sit on the bench, and watch the pins fall." All in all, the bowling team does not brag about its standing in the league, but improvements are being made weekly.

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BOOK-SHELF

Bela Husz has contributed work on apple tree rosette (Eul. Roy. Hung. Hort. Coll. I) and shot hole of stone fruit trees (Különlenyomat a m. kir. Kertészeti Tanintezet közleményeiből 5.) for both of which there are English summaries. J. Vallega appears in Inst. Fito. Santa Catalina Pub. 12 on "Especialización fisiologica de P. gr. tr. en la Argentina, Chile y Uruguay." LeClerg\* bursts forth statistically in Am. Potato Jour. for October. Valleau appears in Univ. Ky. Res. Club Bul. No. 6 on tobacco streak vs. potato yellow dwarf viruses. In Pl. Dis. Reporter of Dec. 1 there is KenKnight on peanut diseases and a note by Borders on the prevalence of cabbage mildew in Georgia. Weiss continues the check list revision (See Old Timers Colyum). Ezekiel reports progress in "Fight on root-rot disease" in Southern Florist and Nurseryman of Dec. 13, and on cotton disease losses in 1939\* in Pl. Dis. Reporter of Nov. 15. Canad. Jour. Res., July, quotes Tyner on crop debris and cereal root-rotting fungi; and Jour. Agr. Res. May, Flor on new flax rust races.

Phytopath is full of Old-Timers' squibs and squirts - Cornack on sweetclover root rot, Valleau on tobacco viruses, Henson and Valleau (Double Header) on Sclerotinia apothecia in culture, Bonde on potato late blight resistance, Flor on flax soil sickness.

Work done at Minnesota (see Phytopath.) includes Ling on Uromyces occulta, Chilton on Ustilago zaeae, Schaal on Actinomyces, Cotter on rust telia, Tervet on U. avenae and U. levis, Eide and C. Christensen on apple wood decay, C. Christensen on Polyporus circinnatus, J. J. Big Dane Christensen and Davies on H. sativum and B. mesentericus. In August Bot. Rev. is another double feature - J. J. Christensen and Rodenhiser on smuts.

\*Other authors also.

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SIGNS AND SYMPTOMS

Eric G. Sharvelle, who won't believe a thing until he sees it himself, repeated Stak's experiment of throwing a lighted match into a waste basket just to see if any hazard were involved. Dr. Sharvelle corroborated Dr. Stakman's results.

Mrs. Milton Berglund (Dorothy Ann Johnson) paid a call on old friends in the Department and reports that pheasant shooting was very good around Redwood Falls last fall.

In spite of the fact that the Scientific meetings were beyond the pocketbooks of most of us, Christmas found it pretty darn lonesome around the Tottering Tower. In fact, J. J. C. has been working the Grad students so hard that a majority of them decided that they needed a week or so of rest and Ma's cooking before taking up the burden again.

Milestones were passed this fall by several pathologists as follows: S. M. Chen, M.S. and Ph.D. prelim.; A. Downie, M.S. and Ph.D. prelim.; D. J. deZeeuw, M.S.; J. R. Vaughn, M. S. and Mrs.

T. R. Wright packed his worldly possessions into a new Ford and drove south on Dec. 29 to Fairhope, Ala. to take up the job of testing seed potatoes and investigating potato diseases where Hank Darling left off. Henry returned to his native state of Wisconsin to be in charge of potato certification and do research on potato diseases there. D. J. deZeeuw has accepted a position with a large mushroom-growing concern in the East.

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VISITORS

C. Lefebvre, Washington, D. C.	Dean Johnson, Pullman, Washington
Olaf Aamodt, " "	D. C. Smith, " "
M. A. McCall, " "	R. Atkinson, Fargo, North Dakota
J. E. Kotila, " "	H. H. Flor, " " "
C. P. Shumway, Cambridge, Minnesota	S. P. Swenson, Brookings, South Dakota
D. M. Stewart, Duluth, Minnesota	W. F. Buchholtz, " " "
L. B. Ritter, St. Paul, Minnesota	J. H. Torrie, Madison, Wisconsin
Arden Sherf, Lincoln, Nebraska	H. Johnson, Barberton, Ohio
"Scotty" Robertson, Fort Collins, Colo.	E. W. Kreitlow, Princeton, New Jersey
L. A. Schaal, Greeley, Colorado	Axel Anderson, East Lansing, Michigan
R. Zabel, Syracuse, New York	
Stuart Dunn (and the Mrs.), Durham, New Hampshire	
K. W. Neatby, Winnipeg, Canada (with a grain elevator company now)	
I. D. Blair, (New Zealander stationed at Winnipeg)	

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"A VERY HAPPY CHRISTMAS TO YOU"

says Jack Western, of England, as follows:

.... there isn't a light	I meet shapes like ghosts,
Not a gleam do I see,	I bump into posts,
I grope and I fumble,	I flounder like some cast-up fish,
I stagger and stumble,	One night I'll meet you,
And wish I'd stayed in,	But, till then, to greet you,
believe me!	I'm sending this jolly old WISH;

A very happy Christmas to you!

Greetings from Canada came from the Tyners and Cherewicks and were brought by the Northwest Mounties for the Cormacks. Swensons of Brookings, Hafstads (there are 2 of them now), and Hansings remembered us also. Those in the East and the South who sent greetings were P. D. Peterson (Remember the days when he trotted at dusk thru the streets of St. Anthony Park, touching each lamp with his long torch and bringing us light? The last time he was at St. Paul he was trying to show us the light, too.), the Walters, Aamodts, Rodenhisers, Davies, Grahams, Jacksons, Ukkelbergs, Vorhees, Hines (2 of them, too), Christophor, the Pettys, LeClergs, and Big Andy. From Arizona came Presley's card, from California the Keilman's (See O-T Colyum), from Java came Churchward's, and from Venezuela, S. A., Rolland Lorenz sent "Cheerio" and a photograph of a baked-mud grass-roofed house beneath a wind-tossed palm. Newcomer Wally Sackston, of Canada, sent a card because he went south



for the Holidays (the rat), and the migrating Sharvelles remembered us because papa went to Philadelphia and he knew we would miss him! It was fun to have the cards, it was nice to hear from you all, and WE THANK YOU. Here's to a good 1941 for everybody!

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#### THE MORPHOLOGY OF PHYTOBRICKHAUS ERECTUS (NEW SPECIES)

During the past three decades the species *P. tremuloides* has become widely known not only as a classical fungus serving as the type species for many phytopathological strains but it has been widely known for its cultural stability.

*Phytobrickhaus tremuloides*, the original species from which such strains as Stakman, Craigie, Henry, Rodenhiser, etc., etc., have originated, has been described at length in previous issues of this journal. Several months ago a new sector appeared and after extensive investigation it has been concluded that this constituted a new *Phytobrickhaus* species, the original description of which is given herein. <sup>1</sup> In the fall of 1940 (hereafter to be referred to as the year of the big draft) a long, narrow vibratile moving in a north easterly direction appeared just north of the powerhouse and east of *P. tremuloides*. This umbillicus, for such it proved to be, was closely associated with the old building by virtue of underground collusion, and also intimately connected (at last) with the powerhouse. The function of this new appendage at first was not apparent, but after tracing it around the north end of horticulture, on past biochemistry and north beyond agronomy, it was found to bear at its apex an immature, stromatoid-like, resupinate structure partially imbedded in the hill. After referring to Robber's rules of nomenclature and after consultation with various Stakman biotypes it was concluded that this appendage with its apical growth constituted the primordial initial of a new species. Very recently this initial dehisced along definite lines and commenced to unfold and grow towards the light.

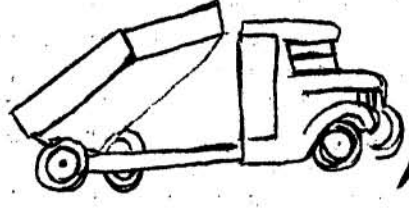
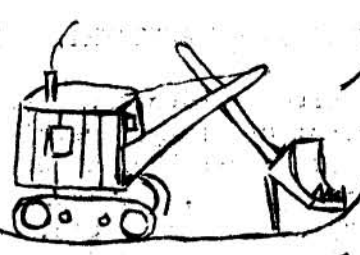
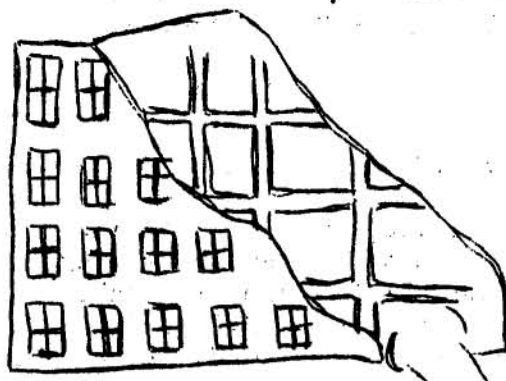
The new species, while still relatively undeveloped, appears as a long, rectangular structure characterized by straight, rigid walls not afflicted with the brownian movement typical of *P. tremuloides*, and is provided with an extraordinary number of wall pores and appears to be about four cells deep. Morphologically the new *Phytobrickhaus* resembles the old species very little, but on the basis of its physiological behaviour and from the inclusions which have been noticed hanging around watching the steam shovel, we feel confident in tentatively designating the new structure as *Phytobrickhaus erectus*. <sup>2</sup> With further development it is hoped that a more complete report will be made on the morphology, physiology, and function of this new structure but at present, apart from naming the new species, little can be said other than that the new building progresses steadily and shows promise of developing into an edifice of stately proportions worthy of taking over the work, ideals and ambitions of the old Tottering Tower.

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<sup>1</sup> As a matter of actual fact, inasmuch as the life history of this new phenomenon (natural) is little understood, there may be serious criticism of this nomenclature. Therefore the committee on "structural nomenclature" feels obligated to solicit suggestions for the naming of this new entity be it genus, species, biotype or ecad. It is felt that it is obvious that profound consideration should be given to the synonymy, priority and propriety of this nomenclature, and among the possible generic names already suggested are - *Phytoconcretus*, *Phytopcinderinas*, *Priestäccius*

<sup>2</sup> The committee on structural nomenclature is offering a prize of one year's free subscription to *Aurora* to the prize winning entry with a consolation prize of one dozen corrosive sublimate tablets. Entries must be in not later than June 1 and must be accompanied by one sweetheart soap wrapper.

# Phybrickhaus erectus



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Chem



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Hort

