



Wherein are recorded the recollections, the ruminations and the raspitations of those who have drunk from the foaming fount of the Department of Plant Pathology of the University of Minnesota and who now spout forth in divers ways

Let the fount foam and never run dry
 Let the spout squirt and never lose power

Old Timers:



Old Timer Paul V. SIGGERS, Ph.D. Minnesota, 1939, retires after 27 years with the U.S. Department of Agriculture. He has made noteworthy contributions in the field of forest diseases, particularly on the brown spot needle blight of longleaf pine and the fusiform canker of slash and loblolly pine. Previously he had served two years in World War I and four years as plant pathologist for the United Fruit Company in Costa Rica. We hope that Siggers will enjoy his new freedom and soon come to Minnesota to renew acquaintances.

We are a little late with this announcement—but Dr. John VAUGHN, at Michigan State College, is now devoting 50 percent of his time to cereal pathology for the experiment station. And he likes it, despite his early love of potato diseases!

Larry MILLER is now acting in charge of the Tidewater Field Station at Holland, Virginia. What a change from fundamental research on leaf spots of peanuts to that of milk production!

ANOTHER GIRL: Laurie Margaret TELLER, born October 30, at Detroit, Michigan. AND STILL ANOTHER: December 8, Sara Ann GOODMAN, at Pearl River, N. Y.

Dr. J. G. "Dutch" HARRAR is leaving Mexico after nine years to assume new responsibilities as Deputy Director for Agriculture in the expanded Division of Natural Sciences and Agriculture of the Rockefeller Foundation, with headquarters in New York City. With Harrar's transfer, Dr. E. J. Wellhausen becomes local Director of the Agricultural Program in Mexico.

Dr. B. B. Mundkur retires on January 2 as Deputy Plant Protection Adviser to The Government of India and thereafter will be Professor of Botany at the University of Poona, Poona 7.

It looks as if there might be a branch office of Aurora in Guatemala, as Old Timer Rolland Lorenz writes on a letterhead on which appears "La Aurora," Guatemala. The real address is Instituto Agropecuario Nacional, Guatemala City. The telephone number is 9626 if anybody wants to call. Rolland has hopes of bringing his young son up to the north woods of Minnesota for some fishing next summer.

Dr. H. S. Rao, who minored in plant pathology at Minnesota four years ago, is now engaged in tree breeding and general botanical work at the Forest Research Institute, Dehra Dun, India. He writes, "I particularly recall the Tuesday evenings in Plant Path. seminar room crowded with an international group of graduate students and members of the faculty, brilliant and incisive, thrashing topics ranging in time and space, yet with all harmonious."

The gold medal and Outstanding Achievement award of the University of Minnesota which was conferred on Dr. R. J. Noble in absentia at the June commencement was presented personally to him this fall in an impressive ceremony by the U.S. Consul General in Sydney, Australia. Everybody here applauds!

Dr. Larry TYNER writes from the Dominion Lab. of Plant Pathology at Edmonton, Canada, that life is interesting and that he is working hard on the Sperguson method for control of loose smut of barley.

A whole issue of the West Virginia Mountaineer is devoted to the new mansion housing Old Timer Dr. J. G. LEACH's Department of Plant Pathology and Bacteriology. Cast out all envy and jealousy on the score of equipment before reading!

From the Sunday Herald Leader of Lexington, Kentucky, for September 2 we were happy to learn that Dr. E. M. JOHNSON left the hospital "after winning a four-year fight with tuberculosis." In the picture, with coat over his shoulder and Gladstone bag in hand, he looked healthy and happy.

New Old-Timer Jacques PONCHET sent regards in December to "every Old Timer at the Seminar". His address: Station Centrale de Pathologie Vegetale, Versailles, France.

One-time forester Ellis F. DARLEY is now working on wilting of date palms. Also slipped through the California censors on December 14 the admission that they "had a little freezing weather last week."

"Memo to Ye Olde Timers," 12/15, from "BB" VANCE, of Dayton, Ohio: "Greetings to all and sundry, and the best of all things for the coming year!" Says he is teaching for University of Dayton and Wittenberg College, doing supervisory work for public schools, and plugging away at revision of high school science textbooks.

Those who travel in warm climates during the Minnesota winter usually send pictures of orange trees and flowers to make us unhappy. Those who travel in Argentina usually--no, ALWAYS--write about beefsteaks! Thus on November 27, "The old timers Rodenhiser, Holton, Vallega, Cenóz, Hirschhorn remember today as always the big chief and little chief and all tottering towerites... much baby beef... at La Cabaña we wish you could be with us tonight. No dwarf bunt, no rust problems...no troubles in the world...no..."

Dr. S. Z. HASANAIN sends word from Abbotabad, Pakistan, that he has not received Aurora for several months and intimates that he misses it. Despite the fact that Christmas is not celebrated as such in Pakistan, Dr. Hasanain says that they celebrated on behalf of those who do celebrate Christmas and in that way wish Aurora and all of its subscribers a Merry Christmas and a Happy New Year.

In Paramaribo, Surinam, recent OT Frank del PRADO says that he misses the nice cold weather of the North Star State. We hope that the North Star shines in the same way on Surinam as on Minnesota and that it emanates some of the same bracing ozone which is so characteristic a feature of our-----climate!

Dr. M. K. HINGORANI, Pusa Institute, New Delhi 12, sends regards and good wishes individually to those whom he knows personally and collectively to those whom he would like to know.

New Year greetings also have come from S. F. HASSAN, who has an address at 231 Hyderabad Colony, Clayton Road, Karachi 5, Pakistan, but who has been unable to get a house. In addition to his duties as Quarantine Mycologist, Hassan is responsible to his department for supplies ranging from stationery to jeeps.

"Red" DAMRON reports "new house, new car, new job, new town." although still on land appraisal, he is now with the Federal Land Bank of St. Paul. "Miss the gang on the third floor."

In sending regards from Turrialba to our new bride, Angelita Schroeder, Bill LOEGERING added that he had gone to a Costa Rican so-called "poor people's wedding" on December 8. "The bride was my cook and a good one--the man sure is lucky."


Dick PON, now at Camp Detrick, Frederick, Md., reports housing difficulties since he arrived. He solved them by building a house, into which they moved in December.

Texcoco, Mexico--near Mexico City--has a new mayor as of January 1, 1952, in the person of Ing. José (Pepe) RODRIGUEZ, who obtained his M.S. degrees at Minnesota in 1945 and has since been associated with the Rockefeller Foundation and the Mexican Department of Agriculture. Pathology regrets his loss.

Celia BOASSO goes on record as missing Plant Path. since she returned to Montevideo, Uruguay in 1950: "Every day it seems that my stay there was just a dream."

After returning to Turkey from his visit to the United States in 1950, Old Timer Selahattin IREN was appointed Plant Pathologist in the Central Institute for Plant Protection at Ankara. He has begun work on the rusts and hopes that we remember him. As evidence that we do, and with pleasure, we are sending him Aurora.

Old Timers Eat Together at Cincinnati:



The Minnesota luncheon at Cincinnati was a tremendous success, being carried out in traditional seminar fashion. The complete and unrelenting control of Chairman Chuck Logsdon was very much in evidence from the moment one's \$2.00 donation was placed in his vise-like grip. He brought the seminar to order and proceeded with the usual announcements, remarks, and discussions. Various personages were given the floor to expound upon whatever subjects they felt would be of general interest to the group. Walter Dill Thomas spoke at length on the salubrious climate of Colorado. Miller of Virginia told of the hazards and headaches of being an administrator. Wilson of Alabama summed up his remarks pretty well in the statement that an assistant dean is a mouse learning how to be a rat. Harrar made a reasonable excuse for Borlaug's absence; he was so busy working day and night crossing rusts on the barberry to produce something more virulent than 15B to send back to Stakman that he didn't have time to go to the meetings. Others were also heard from. On the whole the seminar was kept under complete control except for one instance when Bob Skiles, who was reviewing literature, was interrupted by the "Big Chief". The chairman, however, quickly regained control, and ruling with his "Iron Hand" ordered, "Skiles sit down!" Dr. Stakman was then prevailed upon to make a few short statements, his subject, among others, being, "a graduate students Utopia". Cigars, both strong and mild, were enjoyed by all with the compliments of the afore-mentioned speaker.

The Committee on arrangements appreciated the accommodations and hospitality of the Sheraton-Gibson Hotel for this reunion.


Locals:

Cincinnati. The youngest delegate to the APS meetings was Malcolm Shurtleff Junior, age 5 months. Papa's invitation to view Junior on the 20th floor of the Netherland Plaza was accepted by Carl Eide and Gene Hayden, who admit that Junior is cute but that his athletic father's billing of him as the world's greatest bowler, golfer, and baseball player is as yet without justification.

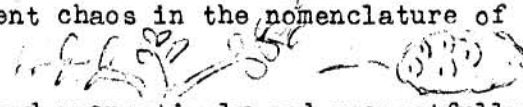
"Foot rot, that low-down disease of wheat," a paper delivered at the Phytopath Banquet in Cincinnati by Thor Kommedahl was without doubt the presentation receiving the most rapt attention at the meetings. It can best be described as a "typical paper; concisely given; profusely illustrated; and a major contribution of principles. The techniques employed in the radio-active study were obviously the latest--radio-automobilegraphs and madamcuries being frequently mentioned. Hats off to Kommedahl for an excellent satire on us all for faulty presentation of scientific papers!"

Minneapolis. Angelita Melendez and Harry Schroeder were married on December 7 in Minneapolis. ECS became a real father to graduate students by giving the bride away.

Tuesday Seminar:



Ernie DuCharme began the new school year for us with an enlightening discussion on the worrow (tristeza) disease of citrus. A number of questions on this now classic virus disease had been answered since we last heard from Ernie. He also discussed stem pitting of grapefruit, xyloporosis of sweet orange, and other exotic diseases found in the tropical areas of the world. The Colorado ex-mule-driver Robert Skiles followed up with a talk on virus diseases of Minnesota's closest approach to an orange--the strawberry. Demonstrating the calm and placid temperament needed for mule driving, he told us of the patience and even temperament needed to bring order out of the present chaos in the nomenclature of strawberry viruses.

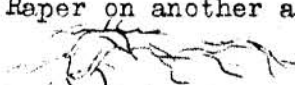


Logsdon and Thurston discussed respectively and respectfully the breeding of potato lateblight resistance and the epidemiology of late blight. The Seminar was convinced that Phytophthorarisistenten Kartoffeln were developed only as a result of extensive testing and research. In describing the field plan of his waterlogged plots Thurston inadvertently initiated a lively discussion on whether north was north, south was south, etc. Clyde Christensen maintained that a compass was needed, and it was subsequently shown that he was correct.

The Chief and the Seminar (represented by Dave French) held an interesting discussion on the subject: "If a plant itches, is it diseased?" The discussion was related to the nature of resistance and whether necrotic flecks visible only thru a strong lens constituted disease. Matters finally resolved themselves into two fields; the scientific versus the practical viewpoint. The two opponents remained firmly in their respective fields, with most of the Seminar straddling the fence between.

Stakman delved once again into the science of etymology in dissecting such terms as pandemic, endemic, and epiphytotic. Pan = everywhere, epi = on, demos = people, and phytos = plant.

Herb Johnson rooted us firmly to our seats with his root rots, near wilts, and common wilts of peas. Elsa Jackson presented a clever concept of the alteration of generations found in aquatic Allomyces species (also known as "allo mices"). Myrtle Norquist reviewed the classic work of Raper on another aquatic Phycomycete--Achlya.



Olien (from Iron River) presented a paper which dispelled much of the aura of fantasy about the spoon fed (with antibiotics and vitamins) livestock of our country. In spite of the effectiveness of many of these substances in producing meat, they have not as yet had any effect on lowering the price of meat

Breeding for wheat rust resistance in India and the effect of environment on the now infamous 15B were discussed by delegates Negi and Shukla from that country Ishmial Ali Ibrahim of Egypt presented further evidence of the effect of environment in rust, using as his example Puccinia graminis avenae

Mississippi's gift to the damnyankees, James (Little Jim) Broyles, made what could have been a biochemical orgy into a clear and simple discussion in his paper on variations in sugar and amino-acid composition of cereal rusts and their host plants.

Minn. Ph.D. 1926)
Bob Hildreth (son of A.C.) gave us a preview of what may be an increasingly important field with his discussion of antibiotics for the control of bacterial blight of beans. Murillo from Mexico introduced us to a new virus disease called corn stunt, a potential threat to corn in the Americas. The little stripe disease,

alias the stunt disease of plantain, alias Rayadilla, was the subject of Cardenosa (from Colombia), who included details on economic value, utilization, and culture of the important Colombian crop. Our coworkers the agronomists reported on such subjects as pod and stem blight of soybeans and southern anthracnose of red clover.

Michaelson, although still faithful to corn, branched out to embrace the study of worms; specifically Diabrotica duodecimpunctata or the twelve spotted cucumber beetle which is also known as the southern corn rootworm. This villain is beginning to find the roots of our scrubby Minnesota corn nourishing and in doing so is bringing in a host of greedy fungi who finish the job of killing the corn.



Competition to the party was run by University commencement, at which plant physiologist Duane LeTourneau received the M.S. degree!

CHRISTMAS came officially to the Department of Plant Pathology on the evening of December 22 in the Ag Union. Santa was present in person, behind a fine set of snowy white whiskers, reminiscent of the roll of cotton in the prep lab. Despite this disguise his merry laugh, sparkling eyes, and droll little nose seemed strangely like those of that other well known traveler; Dr. Melander. Whoever it was, he was a very creditable "Old Nick"--we mean St. Nick, and his pack was full of presents for the children, including Elvin, Helen Hart, Carl Eide, John Tuit, and the many others who had not yet reached school age.

On the basis of activity displayed, it was apparent that the children were having a swell time. A locomotive pursuing one boy and a low-flying bee chasing Ricardo Cardenosa added to the general din.

For one not acquainted with the children, it was amusing to try to match children with parents.

Among those about whom it was impossible to make an error were the Butler Boys and young Logsdon.

Attendance was very good. Among the distinguished guests were Mrs. E.C. Stakman and Mrs. J.J. Christensen.

A more familiar figure to most of us was that of Laura Hamilton in a black dress with a very, very red rebozo. Handy things, those rebozos, they even keep one warm. Old Timer Mal Shurtleff and his charming wife (former secretary Margaret Johnson) represented the many Old Timers scattered throughout the world who would have enjoyed spending the evening with us as they had done in the past.

After refreshments, which were served by Mary Ann Swaebly and Mrs. Schroeder, the guests assembled around the piano. Mrs. Matt Moore played and Dr. Melander lead the singing of carols, with one of the Butler youngsters singing "Jingle Bells" to all tunes. Appropriately enough, as the evening ended, the musical duo, Stakman and Melander, broke into "Seeing Nellie Home" and thus the party became one more of the pleasant memories of Departmental gatherings.



Thursday at Eight:

The Thursday night Seminars in October began with the annual debate on the now annual Plant Pathology Picnic. J. J. Christensen intimated that some changes should be made in the price charged for the picnic. He stated (and this is an indirect quote) "children should be charged about 50% more than adults because they eat more". His motives are quite obvious, as his three boys are now classified as adults. J. J. also moved during the discussion that various important outsiders (such as Dr. E. C. Stakman in South America) should be invited by collect telegram. The Seminar then moved that the telegram should be signed J. J. C. The publicity committee in attempting to promote greater attendance at the picnic complained that in former years members had not notified their wives. The Seminar wisely moved that the committee write all wives. The despairing committee complained that they were not being treated properly and called for a vote of confidence. The Seminar wisely voted--no confidence.

World travelers E. C. Stakman and J. J. Christensen told the Seminar of their travels. J. J. with slides and E. C. Stakman with 15B. The Chief brought back a very nice suntan and the firm conviction that 15B is well established in Mexico. Chris gave a fine impression of Mexico with his slides, but he refused to discuss one showing a gardenia-strewn swimming pool surrounded by lovely señoritas near a swank hotel.

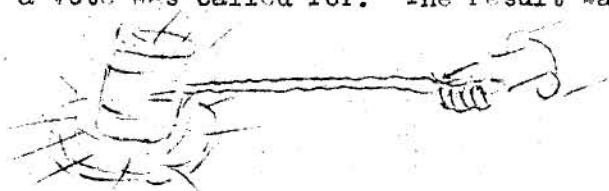
Two fine plant pathologists who were here for short stays in 1951 were made honorary Old Timers by official decree. They were Dr. H. Asuyama, University of Tokyo, Japan, and Mr. Jacques Ponchet of the National Institute of Agronomic Research, France.

Other visitors from foreign lands were also guests of the Seminar. Dr. Kivenen of the University of Helsinki spoke on Finnish agriculture. Four visitors from France, and their charming interpreter, provided a very interesting talk on plant pathology and agriculture in France. One rather valuable fact gleaned from the discussion was that the best champagne years in France have been '34, '37, '43, '45, and '47.

Votes of confidence were asked for Dr. Eide (when he made the call in Seminar for a pH meter which was subsequently found in his own lab) and for Dr. King (laying down the law on greenhouse and headhouse policies). In both cases the vote was unanimous for no confidence.

Due to the efforts of Miss Melendez, now Mrs. Harry Schroeder, it was moved that to the already impressive list of titles held by the Big Chief should be added that of "Daddy", since he acted as proxy parent at her marriage. The motion (with the amendment that he should pass out cigars) was unanimously passed. No one has, as yet, seen the cigar.

New officers were installed with pomp and by circumstance on November 15. Michaelson's fine group of public-spirited ex-officers, Norman Krog, Tapan Nath Shukla, Rosendo Postigo, Dave Thurston, and the rest of the Seminar were rather callously treated by the new party coming into power. The ex-officers are subjected to a third degree type of inquisition as to their record. To add injury to injustice the new president, Chuck Logsdon, read a long list of mandates to which the Seminar would be subject in future. To test the confidence of the Seminar in the new officers, which also include Jim Broyles, Elsa Jackson, Ricardo Cardenosa, and George Failes, a vote was called for. The result was again unanimous; no confidence.



The Seminar achieved what may have been a record when seven papers were reviewed in one evening. Dick Nelson brought us up to date on corn breeding and the history of corn, Tuite on moldy stored grains (such as "baalely"), French on western white pine pole blight, and Shukla on rusty wild grass in India. The same evening we heard from Atkinson on virus diseases of cereals, Michaelson on mulches in the soil affecting crop yields, and Hemerick added to the history of corn.

Other contributors included Kernkamp, who reoriented us on soybean diseases. He gave an account of various threats to soybeans including brown stem rot and a new comer to the state, Diaporthe stem canker. Krog brought us up to date on contamination of tissue culture, and Ed Butler gave an interesting account of a phase of E. coli. Elsa Jackson reviewed a paper on mutation in Salmonella.

Eighteen were present by 8:10 at the Seminar for stay-at-homes-from-the-meetings, December 13. Mr. Moore was the faculty advisor present. In addition to the papers presented, Ricardo Cardenosa of Colombia entertained us with his color movies of the picnic and other affairs of interest. We watched Matt Moore galloping across the screen, Mr. & Mrs. Kernkamp swatting October mosquitoes, and the F's of the Seminar at play in Como Park. During the movie Bob Atkinson moved to the back row of the balcony and sat down beside Myrtle Norquist. This action prompted Tuite to remark "he has two cars and now he wants two wives". Lu suggested that music would add to the enjoyment of the movies and Shukla wondered if Lu wanted Chinese opera. To bring the Seminar and the movies to an end Cardenosa added a special treat--a Donald Duck movie.

Comings and Goings:

Visitors from European countries continued to flow through the offices, labs, and fields of the division. On September 20, Kernkamp loaded eight men in the chev carry-all and hauled them to Rosemount, where they spent the day studying forage crops problems, their primary interest. This group comprised Jorge Nielson, Hans Bagge, Henry Fredericksen, and H. Land Jensen from Denmark, P.K. Bouman and P.C. Myers from the Netherlands, and Roger A A De Roo and A. Andries from Belgium. A day or two later Sevard Skaare from Norway was given the same tour.

H. A. Ormel and P.H. Van de Pol of the Netherlands came October 1-5. They were mostly interested in learning all about seed deterioration, certification, and testing.

Arif El-Ani, from the college of Letters and Sciences, Baghdad, Iraq and now graduate student at the University of California, visited here October 15-16.

From October 22-26, we were honored with the presence of Messrs. Alain Dexant, Pierre Cuisance, and J. Deloustal from France. They were interested in general plant pathology with special interest in plant disease control. But more important was the fact that these gentlemen, unable to speak English, were accompanied by Mademoiselle Jacqueline Menétrier, interpreter, who not only translated a speech at a Thursday evening Seminar, but caused a certain degree of consternation amongst the male population of this stolid institution.

Dr. E. O. Kivinen, Dean, School of Agriculture, University of Helsinki, was with us October 29-November 2. Dean Kivinen's primary interest was improvement of agricultural extension in Finland.

November 7-10 saw Dr. Jergio Valdivieso and Mr. Luis F. Letelier making the rounds of the department. They came from Catholic University, Santiago, Chile, and were getting ideas on how to establish an agricultural experiment station and an agricultural extension unit and make them work together.

On December 4 came Dr. Alberto León, Director of La Molina Institute,

Lima, Peru, accompanied by Mr. Bacigalugo, who is now studying at Michigan State College.

Dr. J. R. Wallin, of the USDA, Plant Disease Survey at Ames, Iowa, dropped in October 23 to discuss late blight and other things with Eide.

November 8-9 the Flax Institute held forth in Minneapolis, and that brought Old-Timer flax experts H. H. Flor (N. Dak.), and W. E. Sackston (Winnipeg, Can.) to visit us.

On December 3, Ian Tervet came from Dugway Proving Ground, Tooele, Utah, and with him came new Old-Timer H. H. Hotson for presentation of his Ph.D. thesis.

The Chief of the U.S.D.A.'s Division of Cereal Crops and Diseases, Dr. K.S. Quisenberry, transacted business here with Chief Stakman on November 15.

Two days later, Mal (the athlete) Shurtleff, arrived from Kingston, R.I. and Cincinnati. He is spending several weeks working on a Ph.D. thesis manuscript, which presumably is to be submitted in partial fulfillment for the requirements, etc.

Old Timer Chuck C.S. Holton dropped from the sky to visit old and new acquaintances December 21-22. We gathered from him that he was returning home from el viaje grande through South America in company with Old Timer H.A. Rodenhiser.

The annual Phytopath meetings at Cincinnati caused a minor exodus from Phytobrickhaus sp. Everyone, except people making payments on new cars and television sets, went. That included Stakman, J.J. Christensen, Hart, Eide, Kernkamp, King, Rowell, French, H. Johnson, Skiles, Logsdon, DeVay, Broyles, Goto, Hayden, Schwinghamer, Hemerick, and Olmstead.

World-traveler Eide returned from the above trip and promptly on the morning of December 26 took off for Philadelphia, where he represented the Minnesota Chapter of the Society of Sigma Xi at its annual meeting in conjunction with AAAS. ECS also went to the AAAS meetings where he took part in a symposium on plant diseases in relation to soil fertility.

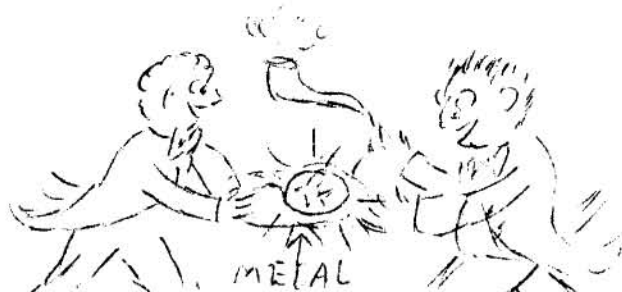
On the last day of 1951 appeared Dr. Ralph LINGREN, who has left Forest Pathology in the U.S. Department to take charge of the disease work in the Forest Products Laboratory at Madison, Wisconsin.

The editors of the last issue of Aurora were so upset and confused by the marriage of Old Timer (late wilt of early-flax) Thor Kommedahl that they forgot to mention that he left the Foaming Fount on August 1 to take a position at the Ohio Agricultural Experiment Station, Wooster, Ohio. Readers are grateful to Thor for the Seminar write-ups he has contributed to Aurora during recent years.

More recent Old Timers to depart left us in the following order: John W. Gibler, Ph.D., December 13, 1951, accepted a position with Harrar, Borlaug, and Company, Rockefeller Foundation, Mexico City, and terminated his tour at the Foaming Fount September 29. On the same day Hugh H. Hotson became an Old Timer by accepting a position with Old Timer Ian Tervet, Dugway Proving Ground, Tooele, Utah.

The most recent OT is Erwin S. Schwinghamer, who left December 27 for Fargo, N. Dak., where he will work on stem rust of wheat for the Division of Cereal Crops and Diseases, USDA, under the supervision of OT H.A. Rodenhiser.

STAKMAN HONORED AGAIN!



Gamma Sigma Delta, the honor society of agriculture, selected E. C. Stakman to be the first recipient of their recently instituted National Award for Distinguished Service to Agriculture.

Dr. Carl Eide, president of the local chapter, said "This calls for a celebration!" Therefore an all-University dinner was arranged in the Junior Ballroom of Coffman Memorial Union on November 6, which was attended by University President Morrill, Dean Bailey, and other prominent members of the University. Members of the Division of Plant Pathology and Botany of course were there in their best bibs and tuckers, including particularly Dean and Mrs. E.M. Freeman. Associate Director of the Experiment Station, Theodore Fenske, presided as toastmaster.

One of the thickest dossiers of a University faculty member is that of Stakman's, according to President Morrill, indicating a wide range of activities. Introduction to additional comments on the guest of honor by Dean Bailey extolled the athletic prowess of our Chief when he played baseball with the Brownton Brownies. Both the President and the Dean pleased us very much in their evaluation of Dr. Stakman's contribution to agriculture, education, and the humanities.

The National Secretary of Gamma Sigma Delta, John A. Johnson, of Kansas State, gave an orchid to Mrs. Stakman in recognition of her supporting role in scientific understanding and as gracious hostess. The ceremonies were then completed by presenting Dr. Stakman with the gold medal and certificate.

BOOKSHELF

- ANDREWS (Stuart)*--Inoculation of western white pine with *Leptographium* sp.--USDA For. Path. Spec. Release 35. J. M. WALLACE--Quick decline-disease of citrus, California--Idea and Experiment, Sept. HOTSON*--*Gymnosporangium juniperi-virginianae* on artificial media--Proc. Nat. Acad. Sci., July. FLOR--Genes for rust resistance in Victory flax--Agron. J., Nov. SHARVELLE(1951)--
- *With others. *Indiana spray, dust schedules for commercial fruit--Indiana Ext. Bul. 310 (rev.); Plum black-knot--Ext. Leaflet 291 (rev.); *Home fruit garden sprays, Ext. Leaflet 325; Strawberry leaf spot, Ext. Leaflet 334; *Peach brown-rot, Ext. Bul. 364; *Fungicides for peach brown rot, Sta. Bul. 564; (1952)--Peach leaf curl, Ext. Leaflet 291 (rev.).
- HANNA, PETERSON*--How are new wheat varieties tested?--Agr. Inst. Rev., July.
- SACKSTON*--Flax pasmo and linseed oil yield and quality--Can. J. Bot., Aug.
- T. JOHNSON*--Source and inheritance of resistance to 12 oat stem rust races, Ibid., June. TYNER--Barley loose smut control by chemical and physical treatments--Scien. Agr., May.

THE COMMITTEE--

J. J. Christensen, Louise Dodsall
Ismail Ali Ibrahim, Norman Krog,
(Chairman) Laura Hamilton