



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

Prof. M. N. Kamat (Minn. M.S. 1932), since retirement some time ago from the Agricultural College at Poona, India, has been doing mycological research at Poona in the Maharashtra Association for the Cultivation of Science, where he is head of the Department of Mycology & Plant Pathology. On July 10, 1967, he wrote, "We have recently described a rust fungus parasitizing Glochidion hoheneckeri Bedd ....as Stakmania indica and a smut of lemon grass as Tolyposporium christensenii after the late Dr. J. J." Author of 5 books, Kamat was soon to publish the third edition of his text, "Introductory Plant Pathology."

On September 15, Dr. Leonard W. Melander departed from the salubrious Minnesota climate for Louisiana, where his new home address is 320 Maxine Drive, Baton Rouge, La. 70805.

Dr. H. David Thurston also has a new home address: 619 N. Triphammer Road, Ithaca, N. Y. 14850. Formerly with the Rockefeller Foundation in Colombia, S. A., he is now in the Department of Plant Pathology at Cornell University, associated with the international program.

Old Timer status came to Dr. N. K. Chakrabarti, plant pathologist at the Central Rice Research Institute, Cuttack, India, when he completed a postdoctorate program at Minnesota in June 1967.

News of another OT in Baton Rouge came from Dr. Melander: Dr. Weston J. Martin, professor of plant pathology at Louisiana State University, who has been devoting full time to research on diseases of sweet potatoes for the past 11 years, was named "Mr. Yam" for 1967 by the Louisiana Yambilee Association.

Dr. E. J. Anderson, formerly of Hawaii, was kind enough to say that August 28 was "a banner day" because "Aurora S. arrived after a considerable trip around the Philippines." His address: c/o Dole Philippines, Inc., Box 362, Commercial Center P.O., Makati, Rizal, Philippines. EJA is on a plantation of 4000 acres of pineapples, plus coffee, cassava, corn, coconuts, and cattle.

Still on the move is biometrician E. L. LeClerc: in August he sent news from Australia of OTs R. J. Noble, Harold Hynes, and John Churchward; soon thereafter he planned to be in Rome with FAO; in the spring of 1968 he will be visiting professor in statistics at Iowa State University.

Dr. Jacobo Ortega (Minn. 1960) phoned from the Minneapolis-St. Paul airport on Oct. 27, while in travel status for World Seeds, Inc. with which he has been associated since leaving Mexico two years ago. His address: 320 Church St., Salinas, California, 93901.

Patrick J. Borich (M.S. Minn. 1963) began a year's leave in October, 1967, as district ext. supervisor at Carlton, Minnesota, for study toward the Ph.D. at the University of Chicago under a Carnegie Corporation fellowship.

Married in Minneapolis on August 5 were OT John H. Hill (Minn. M. S. 1966) of Davis, California, and Laani May Fong.

Married in Louisville, Kentucky, on September 2 were OT Dr. Wallace E. Rogers and Peggy L. Mattingly. Their home address is 3910 Rue Cezanne, Indianapolis, Indiana.

OLD TIMERS (continued)

In July, John G. Martland was appointed Vice President in charge of Research and Development for the Green Giant Company with headquarters at LeSueur, Minnesota.

Dr. T. Johnson was honored on May 24 with an honorary L.L.D. from the University of Saskatchewan.

In November, Dr. Alfonso Castronovo moved to Uruguay, where he continues his association with the Inter-American Institute of Agricultural Sciences (IICA). His new address is Casilla de Correo 1217, Montevideo.

Dr. H. A. Rodenhiser received the Distinguished Service Award from the U.S. Department of Agriculture in May, at the time of his retirement as Deputy Administrator for Farm Research. Shortly thereafter he began service as a consultant for The Rockefeller Foundation, with headquarters in Bogota, Colombia.

Effective August 15 was a new address for Dr. Olaf S. Aamodt: Canterbury Woods, 651 Sinex Ave., Pacific Grove, California 93950.

Also a new location, at least for a time, for Dr. John W. Gibler is North Carolina State University at Raleigh, in care of the Department of Plant Pathology.

At the Indian Agricultural Research Institute, New Delhi, L. M. Joshi (Minn. 1963-64) was shifted in May 1967 from sorghum and millet diseases to "Senior Plant Pathologist in charge of cereal pathology." We quote Dr. B. L. Renfro, OT with the RF program in India.

On June 2, Dr. H. H. Flor came to the St. Paul campus as guest of honor at dinner for the purpose of receiving the STAKMAN AWARD. Dr. J. O. Culbertson came from Beltsville to represent the U. S. Department; and Dr. Larry J. Littlefield came from Fargo to represent

North Dakota's Department of Plant Pathology. Ralph Lindgren, Frank Kaufert, Leonard Melander, Donald Fletcher and Gene Hayden also came, representing Old Timers. Dr. Stakman ascribed to Flor the "divine afflatus of the truth-seeker," decrying the fact that his speaking time was restricted by the dinner committee.

Since September, 1967, Dr. Earle W. Hanson has been at Ibadan, Nigeria, with the USAID-Wisconsin University project.

Also in September, Dr. Norman E. Borlaug visited Wisconsin to give two speeches, one at the Plant Pathology Colloquium, the other at the World Food Exposition. Dr. C. S. Holton also participated in the latter.

On November 29, in Chicago, the American Agricultural Editors Association presented to Dr. Borlaug the 1967 Distinguished Service Award.

Dr. K. W. Kreitlow, assistant chief, Forage and Range Research Branch, U. S. Department of Agriculture, attended the VI International Congress of Plant Protection in Vienna in September.

News of Puerto Rico came from Dr. E. E. Butler as the time for his return to Davis, California, approached. He and his family enjoyed many week ends with Dr. Julio Bird, Mrs. Bird, and the 7 little Birds.

From St. Cloud, Minnesota, Dr. Merle Michaelson transferred to his Alma Mater, River Falls State University, River Falls, Wisconsin, as Head of the Biology Department.

From River Falls went Dr. K. E. Bohnenblust, in August 1967, to his native state Wyoming, to serve as plant pathologist at the University.

Mrs. Andrew Downie, speaking for husband Old Timer Andy, reported the completion

on December 18 of a year in India, where "there is almost never a dull day." Their address: US AID, APO, New York 09675.

Another among many honors came to Dr. J. H. Craigie late in 1967 when he was awarded the "Medal of the newly established Order of Canada," according to Dr. W. E. Sackston, of Macdonald College.

Dr. Eugene Saari is now a project specialist in the Intensive Agriculture District Program of the Ford Foundation at New Delhi, India.

In February, 1968, John Halloin (M.S. 1964) informed us that he completed the requirements for the Ph.D. in the Department of Botany and Plant Pathology, Michigan State University, and accepted a post-doctorate fellowship in the Department of Plant Pathology, University of Wisconsin.

Geo. E. Hafstad (M.S. 1933) retired in the summer of 1967 from a position with the Wisconsin State Department of Agriculture. George's work was concerned with Dutch Elm Disease in the Badger state, and according to some publicity we saw, George did such a good job he earned himself the title of "Mr. Dutch Elm Disease". Perhaps a dubious title. George did not provide a forwarding address. Anyone knowing his whereabouts, please let us know.

Ed Andrews (Ph.D. 1953) is taking a leave of absence for eighteen months from the University of Wyoming; left April 19, 1968, to join FAO. He will "set up a course in plant pathology at the Universidad Central de Ecuador, in Quito, Ecuador". His address will be %Project Manager, UNDP/SF Project #104, Faculty of Agriculture and Veterinary Medicine, Casilla 86-A, Quito, Ecuador.

After two years in Somalia, Africa, George Bridgmon, University of Wyoming, returned in the summer, 1967, to head the Section of Plant Pathology.

Raul Garza Chapa (Ph.D. 1965) was appointed Professor and Head of the Plant Pathology and Mycology Laboratory of the Biology School, University of Nuevo Leon, Monterrey, Mexico. More recently we learned that he was named Director of the Facultad de Ciencias Biologicas de la Universidad de Nuevo Leon. Nice going, Raúl!

D. E. Munnecke is vice-chairman of the Department of Plant Pathology, University of California, Riverside.

In late November, 1967, William Q. Loegering retired from the USDA, and the last we heard he was supposed to have joined the plant pathology staff of the University of Missouri on April 1, 1968. Shortly before he retired he was recognized for his work with the American Type Culture Collection, and he was given a certificate of appreciation from that organization. Bill took the lead in establishing a special collection of cultures of plant rusts in the ATCC. The latter was made possible from Bill's research on successfully storing rust spores in liquid nitrogen.

Peter Wilde informed us recently that he is returning to plant pathology (from where?) because he has accepted a new position as plant pathologist in the Biology Department, Tahlberg-List, Wolfenbüttel, W. Germany. His home address is Herzogen Elizabeth St. 31, 33 Braunscheig, W. Germany (where he would like his personal mail).

#### NECROLOGY

"We deeply regret to report the death of our esteemed Division Head, Ing. Agr. Hugo Pedro Cenoz, that occurred on 25th August....." --Instituto de Fitotecnia, Castelar, R. Argentina.

Old Timers at St. Paul regret the loss of a long-time friend in the death of Alfred E. Eagle, of a stroke at the age of 74 on June 10, 1967. After

NECROLOGY (continued)

serving the Department from 1920-59, Eagle retired as field and greenhouse foreman.

Dr. I. L. Conners, who is retired but still associated with the Canadian Plant Disease Survey, came from Ottawa to Minneapolis on June 22 for burial services for Mrs. Conners, the former Natalie Thompson, Minnesota University catalog librarian. Surviving is one daughter, Helen.

Our sympathy also goes to the surviving family of Dr. James M. Walter, plant pathologist at the Gulf Coast Experiment Station, Bradenton, Florida, who died on November 12 at the age of 60. He received the M.S. and Ph.D. degrees at Minnesota. During the past 21 years, while at Bradenton, he helped to develop new tomato and bean varieties, for which he received an award from the Florida Fruit and Vegetable Association in 1957 and from the Florida Seedsmen in 1966.

LOCAL NEWS

The Potato Association of America, at its annual meeting in Presque Isle, Maine, in August, awarded Dr. Carl J. Eide an Honorary Life Membership in the Association in recognition of his contributions to the knowledge and control of potato diseases. At the time of the meeting, CJE was enjoying a quarter leave in Colorado, where he studied methods for detection of *Verticillium* and took pleasure in associating with three former students, Clark Livingston, Monty D. Harrison, and Kenneth Knutson.

Dr. B. W. Kennedy also on quarter leave during the summer of 1967, worked on bacterial diseases on the Berkeley campus of the University of California.

Dr. Richard M. Cressman, plant physiologist with the Tobacco and Sugar Crops

Research Branch, ARS, USDA, was transferred in June 1967 from Prosser, Washington, to St. Paul, Minnesota, to study post-harvest deterioration of sugar beets. This did not last long, however, because the USDA beet sugar project is being transferred to Fargo, where 195,000 acres of beets will be grown in the Red River Valley in 1968.

H. E. Carley, Teaching and Research Assistant, was granted a Caleb Dorr Fellowship in Agriculture for the year 1967-1968. The stipend is \$500 and entails no service to the University. Mr. Carley has also been awarded a Shevlin Fellowship for the academic year 1968-69. This has a stipend of \$2000 with no obligations to the University.

Dr. Paul Rothman, plant pathologist with the Cereal Crops Research Branch, ARS, USDA, was transferred in July from Stoneville, Mississippi, to St. Paul, Minnesota, as part of the Cooperative Rust Laboratory team. Dr. Rothman will continue work on oat stem rust and occupies the vacancy left by Dr. Bill J. Roberts.

Extension Plant Pathology

Howard L. Bissonnette, who has been the Extension Specialist in Plant Pathology in North Dakota State University since January, 1962, returned to St. Paul, April 1, 1968. He was appointed Professor and Extension Specialist in Plant Pathology. This is part of an expansion of our extension activities. Our extension staff now comprises two full time professors (Johnson and Bissonnette) one 75% time instructor (Bob Nyvall) and a senior clerk typist. They will occupy rooms 212, 214 and 216 on the second floor plus a laboratory to be found. In addition Agricultural Extension supports a Plant Disease Clinic from June 1 through September 15 each summer. Needless to say, we are most gratified with the increased

## LOCAL NEWS (continued)

support that our administrators are giving to extension work in plant pathology.

In a cooperative program with Massachusetts Institute of Technology, Dr. C. M. Christensen spent the month of July in Bangkok to study grain, and food for toxic fungi.

On invitation of the Joint Commission on Rural Reconstruction, Taiwan, Dr. Lucas Calpouzos was in Taiwan from August 27 to September 15 as adviser in the control of Sigatoka disease of banana. Shortly after his return from Taiwan, Luc went to Mexico where he collected hyperparasites of rusts that he is studying in his research.

Also in connection with the problems of mycotoxins in feeds and foods, Dr. C. J. Mirocha traveled to Poland, Yugoslavia, and the Netherlands in September 1967.

Three courtesy appointments in Plant Pathology were made the fall quarter of 1967: Gerald A. Anderson, Associate Professor; OT Ralph L. Anderson and E. P. Van Arsdel, Professors. The three are staff members of North Central Forest Experiment Station. Shortly after the New Year, however, Van Arsdel accepted a professorship at Texas A & M University, so he is no longer with us.

After completing requirements for the Ph.D. in July, H. Grant Vest was appointed Plant Pathologist for the U. S. Department of Agriculture in the Soybean Investigations Section at Beltsville.

Another new Ph.D., David B. Sauer, accepted a position at Manhattan, Kansas, in August, with the Market Quality Research Division, USDA.

Dr. Helen Hart was awarded one of two honorary memberships by Sigma Delta Epsilon, international graduate woman's scientific fraternity, at the annual

meeting in New York on December 29. The certificate was presented by the local chapter on January 9, 1968. Miss Hart is the second Minnesota plant pathology alumnus to be so honored, since Dr. Margaret Newton, formerly of the Canadian Department of Agriculture, became an Honorary Member some years ago.

After an absence of 2 3/4 years, Dr. Thomas H. King resumed his duties at Minnesota on July 1, 1968. Tommy was leader of a rice improvement project for FAO in Bangkok, Thailand. He was also regional representative of FAO for Asia and the Far East. According to reports from visitors and from his bosses in FAO, Rome, Italy, Tom did an excellent job and did much to uphold the traditions of Minnesota in international agriculture.

Thor Kommedahl has been granted a Fulbright Fellowship to study the survival of soil-borne fungi in certain soils in Iceland. He will be there for about two months starting July 1, 1968. He will take time to go to the Congress in London. The University of Minnesota has given him a Quarter Leave while he is on this project.

Other fellowships play an important role in the department. During the academic year, 1968-69, we will have four NDEA Fellowships and two NSF Traineeships. Those of you who are in universities and colleges know that these are highly coveted prizes. So we feel most fortunate in having so many in this department.

London

Plans are in the mill for a good representation at the 1st International Congress of Plant Pathology in London. Calpouzos, Kennedy, Rowell, Mirocha

London (continued)

and Schipper (one of Mirocha's students) were invited to participate and are making plans to go. Several others were invited, but cannot go. Kernkamp, and two more graduate students (Smith and Palmer) and King will attend also, even though they did not receive invitations to present papers. Hope to see you all there.

Plant Science Building (Phase II)

About a decade ago the Administration of Institute of Agriculture, Agronomy and Plant Genetics, Soils Science, and Plant Pathology began planning a Crops Research Laboratory. Plans were made for Phases I, II, III and IV, the whole complex to house parts or all of the three departments and to cost more than \$6,000,000. Phase I was completed and occupied in 1962. Plant Pathology moved into nine laboratories in Phase I, and the three departments share controlled environment areas.

The 1963 Legislature appropriated \$1,200,000 for Phase II, and after years of negotiating, trying to get some extra funds, planning and construction, we moved into our share of Plant Science, Phase II in April, 1968.

The building is joined to Plant Pathology and Agronomy by bridges; it is completely air conditioned; all laboratories are "wet labs" with the most modern facilities. Soils, Plant Pathology and Agronomy occupy one floor each, from bottom to top in that order.

Provisions were made for an electron microscope facility and the instrument with accessories has been ordered. The laboratory is jointly operated and is under the control of a committee chaired by Ernie Banttari. Other members are from Agronomy, Soils and Entomology.

The lucky people who have offices there are Banttari, Calpouzos, Mirocha, Kennedy, and Heagle, and their graduate student's labs. In addition King's and French's students have laboratories in Phase II.

This new facility did not provide much additional space for plant pathology, however, because we had to relinquish seven of the nine laboratories in Phase I. The real advantages are getting the staff more centrally located and having new and modern facilities close by. Everyone seems to be quite happy with the new addition.

Stakman Award

This year the Stakman Award will go to two people. The Awards, officially announced May 23, will go to Sir Frederick C. Bawden, Director, Rothamstead Experiment Station, Harpenden, England, and to Donald G. Fletcher, retired Executive Secretary, Crop Quality Council, Minneapolis, Minnesota.

Laura Mae Hamilton

When most people retire they are satisfied with one retirement party, but not Laura Mae; she had to have three. On December 7, 1967, she was honored at the dinner of the Central Region's Annual PPC Supervisor's Work Conference in Minneapolis. ECS spoke and eulogized the contributions from LMH during her years of service to mankind.

January 26, 1968, was her last official day of duty in Phytobrickhaus erectus, so we "teased" her off with a gathering of the clan at 3:00 P.M. Speeches in her behalf were made by Wilcoxson,

Laura Mae Hamilton (continued)

Kommedahl and Eide, and the benediction was pronounced by MFK. After that LMH responded with eloquence and flourish. This writer thinks she was a bit touched with the simplicity of this event.

As most of you know, behind the scenes events were occurring prior to and following her retirement. A departmental committee invited letters and contributions from you and Laura Mae's friends. On February 9, 1968, friends and associates gathered at Jax Cafe in Minneapolis to do further honor to LMH. After socializing and dinner, Grace Aschenbach MC'd the goings on. ECS made a speech in favor of LMH. MFK presented gifts and awards. These comprised a bound volume of 178 letters from you all, a cash "prize" of \$445.72, and a citation signed by Secretary of Agriculture Orville Freeman in commemoration of 47 years service to the USDA. Following this exciting moment, Lady Hamilton responded in her usual articulate manner.

As you might expect, retirement for Miss Ham is a misnomer. She is helping ECS with his business and professional affairs, so she comes to their office almost daily to do some kinds of chores. Shortly after her retirement from USDA she vacationed in Mexico, and now she and Helen Hart are planning a trip to England and elsewhere.

Several post-doctorate scholars have been found and have sharpened their scholastic wits in Phytophthora erectus the last two years. Last year Dr. N. K. Chakrabarti from the Rice Research Institute, Cuttack, India, studied Helminthosporium on barley. This year, OT Isaac Wahl, Rehovot, Israel, has been here continuing some of his own studies on Puccinia graminis avenae and doing research with Kerny on possible mutagenic effects of cryogenic storage of uredospores of Puccinia graminis tritici. This year

also Dr. Denis McGee, Edinburgh, Scotland, is working with CMC on mycotoxins.

Dr. M. F. Kernkamp

Dr. Kernkamp became Treasurer of the American Phytopathological Society and Business Manager of Phytopathology as Thor Kommedahl ended his 4-year term as Editor-in-Chief of the journal. Thus the department is continuing its contribution to the profession as well as to the science of plant pathology. Kerny has the task of organizing his office in the Society in the Society headquarters in St. Paul. He has the unique opportunity to set up the office with professional and clerical help so that future Treasurers in other locations can confine their efforts to policy decisions and not be burdened by clerical details. In his highly efficient way, Kerny has succeeded already in streamlining the duties of the office and set the standard for future procedures. It is a difficult process in that his operations have to be harmonious with those of the American Association of Cereal Chemists, who share with us the staff and facilities of a national headquarters. With the seemingly endless detail of departmental administration, Kerny has added the considerable work of the Society office, and all this with efficiency and dispatch. His "hot line" to the APS office gets hotter and his pens wear out faster from signing papers and checks, but he "keeps his cool" and both the Society and the department have gained from his participation. We congratulate him on his good works.

E. C. Stakman

On invitation from the Yugoslav government, ECS saw the agriculture of that country in June-July 1967, as a re-



representative of The Rockefeller Foundation. Among his special guides were OTs M. Boskovic, Bora Kostic, and Visnja Spehar, who showed the visitor Yugoslav cultures other than crop production. Brief visits to Sofia, Bucharest, Vienna, Rome, and Lisbon followed. Lee Ling and J. Vallega were in Rome, the latter recovering from a heart attack. OT J. C. Santiago was in Lisbon.

In August the RF consultants for agriculture met in New York, and the APS met in Washington. At the latter meeting, Dr. Harrar led the banqueteers orally and fluently in the presentation to ECS of the first Award of Distinction given by the Society.

At Rome, October 2, ECS gave the opening talk at the FAO Symposium on Crop Losses. On November 30 he talked in New York at a symposium of the Entomological Society of America on the need for international centers for crop pests and pathogens. In December he dropped into Mexico City for consultations.

In January 1968 there was a week in Colombia; and in February, accompanied by RF consultant D. G. Fletcher, ECS began a counter-clockwise trek around the world. Old Timers they met were Shosuke Goto and C. A. Wismer in Hawaii; H. Asuyama in Tokyo; H. David Thurston, with whom DGF and ECS shared a podium period in Bangkok. In India there were many reunions--K. D. Paharia, A. P. Misra, L. M. Joshi, P. R. Mehta, Sheodgan Singh, K. S. Bedi, B. P. Chakravarti, A. R. Downie, E. E. Saari, B. L. Renfro, and N. E. Borlaug, among others. In Pakistan they saw Abdul Kausar, A. A. Anwar, S. F. Hassan, S. Bazley Ali, and John Vaughn. In Rome the travelers were fortunate also: they saw J. Vallega and Lee Ling. And in London there was a meeting with Martin Tveit.

Aside from these few short trips, ECS has spent the time in New York or St. Paul, still busy, still in demand.

### Tuesday Seminars

Despite the passing parade of pathologists, the preoccupation with the edifice complex, the endless quest for new courses, colleges and curricula, seminar remains the stable center around which nearly all else revolves. Less smoke makes up the atmosphere, due presumably to the cancer scare, but heat and light are still generated. The Eide witticisms, for those within earshot, the penetrating probing by Clyde and his explosive comments on "thesis biology", the general give-and-take are still there for all to appreciate. Chet Mirocha in the fall, and Neil Anderson in the winter and spring, have ably handled seminarian chores.

Molecular biology of genes, viruses and nematodes, plus a diversion into host-parasite physiology, provided the main theme for the fall quarter. The genetics, resistance, physiology and infection processes of rusts (corn, oats, wheat and pine) occupied most of our snowless winter quarter; mildews and hyperparasitism caused by bacteria, fungi, nematodes and viruses provided some relief from the rust reports.

Appropriately enough, spring quarter dwelt with more earthy topics: root diseases and soil microbiology. How fungi grow in soil, rhizosphere, fungistasis, antibiosis, colonization and survival--these provided many down-to-earth, and sometimes incredible, discussions.

One staff member each quarter led one seminar. Dr. Bushnell described the structure and function of haustoria, Dr. Van Arsdel explained the meteorological epidemiology of white pine blister rust, and Dr. Schmidt (from Soil Science) outlined the ecological approaches to the study of soil fungi.

We look at newly painted walls, new maps of new countries, sit in wooden and newer plastic-and-metal chairs,

Tuesday Seminars (continued)

witness new students and new staff members, but the game is the same. We argue, get excited, spout new literature citations, learn new facts while trying to hold our own with the skeptics and the 5 o'clock watchers. The moral is still the same: you don't get something from nothing, nohow, nowhere.

Thursday Night at 8

Buzzers and bells still have not superceded the clanging of the cowbell in calling forth the seminarians from cubicles, carrels, and coffee klatches. In the past year, 42 seminars were held and the average attendance was 31, ranging from 17 to 49. Most of the time was spent on thesis-research reports and literature.

Visitors provided a welcome change from the weekly fare. From England came Dr. Timothy Gray to describe the scanning electron microscope for searching soil for fungi, and, from Australia traveled Old Timer Irv Watson to tell of his research on rusts. Israel sent Old Timer Isaac Wahl to describe the evolution of oats and rusts on them. From the Philippines came Dr. Ou of the IRRI to illustrate diseases of rice. Scotland sent Dr. Denis McGee to relate the charms of bonny old Scotland. Quatemala sent no native sons but was represented in the person of M. F. Kernkamp, who pictured the agriculture and geography of the mountain regions. From South America-at-large flew Old Timer John Gibler to give us some insights into mission-oriented research in under-developed countries. Our own Tom King took us to Thailand via slides and related his experiences there.

They came from the states too, to present greetings, comments and speeches. From Wisconsin came Art Kelman to talk of Pseudomonas. North Dakota was represented by Old Timer Harold Flor who, among other things, recounted his drive

across the Raymond Avenue bridge which he had traveled just 50 years ago when he came to Minnesota as a student. Visiting Professor Dwight Powell from Illinois covered researches of some of his recent students at Illinois. Others came: Bill Bruehl from Washington, Joe Fulton from Arkansas, George Gries from Arizona, Pipe-smoker and Old Timer Ed Andrews from Wyoming, and Wat Dimock from Cornell University.

From the world-at-large comes Big Chief E. C. Stakman, protagonist of plant pathology everywhere and raconteur par excellence, to occasionally spice the seminar with his wisdom while he is between flights from Hyderabad to the Toluca Valley.

Under the chairmanship of Mark Smith, and more recently Bob Nyvall, the tradition to variety has been maintained. The scenes shift from bronco busting, fern taxonomy, and the IBP to parasites of rust, survival of Helminthosporium, and light requirements for sporulation. If the slides cover travelogues or are too numerous, Eide disappears from the room and his famous retort is remembered, "Slides are the last resort of the intellectually destitute".

Mention a geographical location, and the cry of "Map" is heard. Pass an oral exam and the cry of "Speech" evokes the appropriate words of wisdom. Review a paper from Phytopathology that was published when Kommedahl was editor, and the taunt arises, "How come the editor let that get published?" Announce the host for the evening, and the inquisition begins: "Where were you born?" And so it goes.

Although well-attended seminars seem to connote success, the poorly attended ones sometimes are more productive in percentage participation and intensity of discussion. Seminar is not for the faint hearted or the weak witted. It is still a challenge to the intellect,

professional development, and socialization of students and staff from around the world.

Guest Book Entries

Our records may not be complete, but the guest book says the following OTs have visited here for various periods of time since the last report: Paul Fridlund, T. Abdel-Hak, R. R. Nelson, K. R. Bromfield, Ron Welty, Fred Davies, Hugh Hotson, Art Elliot, Bob Olien, Bill Loegering, Harry Young, Jr., Ken Bohnenblust, Myrtle and Dave Smith, Nagy Oshima, Leon Wood, Bob Campbell, Merle Fallstad, Bill Merrill, Marion and Ed Andrews, Gene Saari, Bill Haglund, Al Wood and Loma and Irv Watson.

Many were prevailed upon to make speeches at Seminar, if they happened to be here on Thursday. Others were here for only a few minutes, and none were here long enough.

New OTs

Hoo Sup Chung, Ph.D., March 1967  
College of Agriculture  
Seoul National University  
Suwon, Korea

Robert Norgren, Ph.D., June 1967  
Wisconsin State Dept. of Agric.  
Madison, Wisconsin 54306

Kantilal Patel, Ph.D., June 1967  
Dept. of Botany and Plant Pathology  
Punjab Agricultural University  
Hissar, Haryana, India

Jose J. Castañó, Ph.D., July 1967  
Central Nacional de Investigaciones  
Agropecuaria  
Tulio Ospina  
Medellín, Colombia, S. A.

Harrison L. Morton, Ph.D., July 1967  
School of Forestry  
University of Michigan  
Ann Arbor, Michigan 48104

H. Grant Vest, Ph.D., August 1967  
Crops Research Division  
ARS  
Plant Industry Station  
Beltsville, Maryland 20705

Paul D. Manion, Ph.D., Dec. 1967  
School of Forestry  
New York State University  
Syracuse, New York 13210

James D. Froyd, Ph.D., Dec. 1967  
Eli Lilly and Company  
Box 708  
Greenfield, Indiana 46140

David B. Sauer, Ph.D., Dec. 1967  
Market Quality Division  
ARS  
Kansas State University  
Manhattan, Kansas 66502

Allen S. Heagle, Ph.D., March 1968  
Department of Plant Pathology  
University of Minnesota - soon to  
move to Sugar & Tobacco Branch  
Crops Research Division, ARS,  
North Dakota State University,  
Fargo, North Dakota 58102

Roy V. Sturgeon, Ph.D., March 1968  
Department of Botany & Plant Path.  
Oklahoma State University  
Stillwater, Oklahoma 74074

Carlos R. Meza, M.S., August 1967  
Avenida El Saman  
Residencias Maria Ines  
Piso 3, Apt. 33, Urb.  
El Marques, Caracas, Venezuela

Barry B. Hunter, M.S., Dec. 1967  
130 Highland Avenue  
East Pittsburgh, Pennsylvania  
15206