

Aurora Sporealis

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

COMINGS AND GOINGS--by T. Kommedahl

In the past 6 months visitors came from all parts of the world. Old Timers from the United States were ex-Seminar Chairman Mike BOOSALIS of Nebraska; sometime wilderness-canoeist Harry YOUNG Jr. of Oklahoma, whose canoes lie buried in dust and rust; from the western sugar beet country came ex-coal miner Andy DOWNIE and wife Ruth, from Denver; former secretary Floraine (TOOTY) annexstad, effervescent as ever, now of Phoenix, Arizona; Axel ANDERSEN, a Dane originally from Sweden (Askov, Minnesota) currently bean pathologist at Michigan State; Norm BORLAUG, ex-wrestler and flax wilter, now of The Rockefeller Foundation, Mexico; Roger ANDERSON, recently from Norway and wife Ursula (from Germany), at St. Paul; and our frequent visitor Leonard MELANDER of Jolly Balance fame, retired from the USDA Plant Pest Control Division, and again from Amchem Co., currently sole employee of Melander Sales; another frequent visitor is George FAILLES (of Ag Botany) now at Farmers Union Central Exchange in St. Paul; and finally Vivian SCHWAB who comes and goes faster than AURORA can make its appearance, having been in Arizona several times in the past 2 years, currently stenographer in Ag Botany.

Visitors other than Old Timers came from all over the United States: from Maryland (Germantown) came AEC representatives Drs. V. Schultz and A. W. Klement Jr.; Washington, D. C. sent physiologist C. A. Swanson--(NSF); from Beltsville (USDA) came Jack Meiners and former Minnesota agronomist J. O. Culbertson; from Tennessee came ecologists Drs. H. DeSelm, Royal Shanks, and S. Auerbach; Kentucky was represented by Ecologist Margaret Heaslip (Morehead); New York Forester Ray Hirt (Syracuse); from Wooster, Ohio, motored A. F. Schmitt-henner (root rot pathologist); Michigan (Ann Arbor) was represented by A. G. Norman; neighboring Wisconsin sent us David Skilling (Wasau forester) and Bill Bushnell (Madison); from Iowa came

Don Norton; from Missouri there was Marvin Whitehead; Oklahoma sent Byrd Curtis (Agronomy); from the west came California physiologists T. C. Broyer and Perry Stout; there were others that were omitted either because they failed to sign our guest book or our memory fails us in recalling when they came.

They also came from Canada (Gordon Green from Winnipeg), Mexico (Ernesto de las Casas and John Niederhauser, Oficina de Estudios Especiales, D. F.), and Colombia (Manuel Rosero).

From Europe came Dr. and Mrs. Heinrich Weltzein, Stuttgart-Hohenheim, and Dr. Menger, Federal Grain Research Institute, Germany. From Bristol, England, came I. G. Thorpe, Ministry of Agriculture. Plant pathologist Dr. d'Oliveira, Estacao Agronomica Nacional, Portugal. Poland was represented by Dr. Russkovskiutarch.

From Asia came several. Among them were S. Ghose (India), Dr. Ernest Sprague (India), and A. Ganguli, Sugar Cane Research Institute, India.

Across the Pacific came D. Murayama of Hokkaido U., Japan; Wen Tung Lee, Taiwan, China, and Jai Sun Hyun, Seoul National University, Korea. Dr. Faustino Orillo (new old-timer) from University of Philippines stayed 10 months in our department, Sterling Forturad came from Pineapple Research Institute, Honolulu. Dr. Allen Kerr (of cellophane-bag soil technique fame) came from the Waite Institute, Adelaide, Australia.

Some of our own staff have come, gone, and come. Senor Carl Eide served 4 months with the UN Food and Agriculture Organization to assist the Chilean government in investigation of virus and other diseases of vegetable crops. Clyde Christensen served 6 months with The Rockefeller Foundation in Mexico to develop a research project on grain storage.

Comings and Goings (continued)

All of us at Minnesota regret the retirement of Alfred Eagle. On December 21, some 60 friends gathered for a farewell party for Mr. Eagle. His retirement came on relatively short notice; so it was not possible to contact all Old Timers to solicit expressions of friendship for Mr. Eagle. What letters were gathered were bound in a book that was presented at a dinner party. An initialed wallet (filled) was also presented to Alfred. Master of Ceremonies was Matt Moore. Conflicting claims in connection with an early fiasco with corn smut were made by JJC and ECS. Midway through the proceedings was an unrehearsed tune sung by the famous quartet of Don Fletcher, Eagle, Stakman, and Melander (the last represented by a stand-in). After Eagle made his speech it was followed by one from Mrs. E. The Committee of Laura Hamilton, M. B. Moore, and Carl Eide made the event a memorable one for all.

OLD TIMERS

"He regresado hace pocos dias de Europa y Africa en donde pasé 6 meses muy contento."--Daniel MESA Bernal, Ministerio de Agricultura, Bogotá, Colombia, December 1959.

A cold cold wind in November blew Dr. H. David THURSTON our way from Colombia. From St. Paul he went to Iowa, but it took him 14 hours to get to his home in Sioux Falls, about 280 miles, by train and bus: "Pretty primitive country," says he..."Please give my regards to anyone that appears deserving."

"One of the myths of the moment is that a retired person has plenty of time," wrote our Australian OT Dr. Robert J. NOBLE in December. From other sources we learned that "more than 150 leaders of agricultural science and industry attended a dinner in Sydney (May 11) in honour of Dr. R. J. Noble, retiring Under-Secretary and Director of the N.S.W. Department of Agriculture," and that it was "one of the most momentous valedictories ever experienced by a member of the Public Service of New South Wales." It is difficult to believe that our "Bob" served the

Department for 46 years, 19 of them as Under-Secretary. Twice he has been at Minnesota, first for his M.Sc. and Ph.D. which he earned in record time, and briefly in 1946, when he stopped enroute from the UN meeting in Quebec, where he was leader of the Australian delegation. The University of Minnesota recognized Noble's scientific and administrative work with the Minnesota Outstanding Achievement Award in 1951. Following his retirement there have been board meetings, trustee meetings, committee meetings, speeches, etc., including the formal address known as the Farrer Oration.

In Subang, Java, John CHURCHWARD (Minn. Ph.D. 1936) stated that "it is 10 years since I last visited Minnesota and over 25 years since I studied there...At present we have in Java Old Timers HINES and AAMODT, who are with the ICA in Bogor, which is about 100 miles from Subang...I see them about once a month." Johnny began his work 20 years ago with P. & T. Lands Inc., "in experiments with diseases and breeding of rubber, tea, cacao, sisal, and tapioca," on which some of the Company's current advisory work is based.

Words in a style assumed for the occasion came from Dr. Robert "Bob" C. CASSELL (Minn. Ph.D. 1937), LaHarpe, Illinois: "Everything goes very well down on the farm. We're putting on \$85 worth of fertilizer, getting 78 bu. of corn per acre and sellin' it for \$1.10. That's good, \$1 per acre profit almost. Only trouble is we ain't got 10,000 acres. Then cows, we buy em for 32¢ and sell em for 24¢. But the hogs are all right. We raise em and don't cost us nothin. Sell em for 15¢. OK?"

Now in private business is José RODRIGUEZ (Minn. M.S. 1945) of Mexico City, who has general management of Coker de Mexico S. de R. L., which produces "seeds of the registered class of species which for technical and economical reasons had not been produced in Mexico but which have great demand..." Pepe has been "in touch with Benjamin ORTEGA, Carlos BARBOSA, and Leonel ROBLES, who are also well and with whom I often talk about our old times" at Minnesota.

Old Timers (continued)

"In a few weeks I am off to spend two months lecturing in Persia and hope when I return from there to start arranging some sort of trip to the States.. Until I can do it personally, will you please convey my regards to...colleagues."
--Alan R. GEMMELL (Minn. Ph.D. 1937), University College of North Staffordshire, England.

Bureau-of-the-Budget R. S. "Bam" BAMBERG (Minn. Ph.D. 1933) doesn't appear to be effective in reducing our financial burdens on April 15, income-tax day. Maybe he wishes he could. One wish he expressed in November: "Give my greetings to Eagle and other Old Timers. I wish I could be there for the party."

We have been looking westward toward Wyoming ever since Christmas for the E. A. ANDREWS family, who said they were coming to Wisconsin. Surely they would not bypass St. Paul!

Dr. Tewfik Abdel-HAK, of Egypt, on meeting Old Timer V. GRASSO in Rome on February 6, sent us a postcard.

Paulo Albert Liu, born 25 Jan. 1960 in Sao Paulo, Brazil, is the second son of Dr. Stephen C. Y. LIU (Minn. Ph.D. 1957), now working on strawberry viruses with Dr. Silberschmidt.

From Glendale, California, wrote Thomas "Axel" LASKARIS (Minn. Ph.D. 1941), "After all these years I feel as though I have been exiled on some asteroid or other. I retain still the fondest memories of my association with all of you, nevertheless. Regards to Old Timers who may remember me."

Long-not-heard-from E. M. JOHNSON (Minn. Ph.D. 1930), of Kentucky, burst forth with a note in December, but no news, except that he is working!

Eagle's retirement also brought forth recollections from Gordon CURRAN (Minn. 1920-23) of the NW Mutual Life Insurance Co. of Peoria, Ill. After all these years he still remembers Dr. Stakman "telling us to write our reports in a clear and concise manner." Mr. Eagle's book is adorned with a picture

of this pioneer in the field of slide exposures, holding aloft a 1x3 slice of glass from an open-cockpit plane (see J. Agr. Res. 24: 599-606).

New address for Dr. Paul SIGGERS (Minn. Ph.D. 1939) is on the eastern shore of Maryland: P. O. Box 176, Grasonville, Md.

Irene KNUTH asked at the time of Eagle's party, "Isn't there any loyal Minnesotan who comes to our northern Minnesota vacation land?...I'm still with Minnesota Department of Employment Security at Little Falls...Do stop off for coffee!"

Another Eagle-induced message: "I hasten to send these few words of greeting to one who always was willing to help a fellow Englishman," and best wishes to "all those in the now 'not Tottering' Tower."--Dr. Sydney DICKINSON (Minn. Ph.D. 1932), University of Cambridge, England.

"You may report to any interested parties that we arrived (in Santiago, Chile) safely and I have partially recovered from my fright. In fact I have taken a little solid food recently and am taking an interest in my surroundings."--Carl EIDE, January 5.

Two months later: "Today a Scotchman came in to visit our forestry expert, an Italian; I could understand the Spanish of the former but not a word that the latter spoke. Things like that make me wonder if I know Spanish or if these natives do. The only other person here whom I could understand when he spoke Spanish proved to be a Dane..." We await further comments from our visiting virus expert, CJE, when he returns.

With less than 1 year in California, Dr. R. "Bob" CAMPBELL reasons like all the other Californians: "pleased with Davis and the California sunshine. I do not think there has been as much as a week of cloudy weather since we arrived in April (and less than 2 in. of rain). They tell us this is unusually dry--but I am certain that the 'usual' weather never occurs anywhere."

Old Timers (continued)

Dr. J. G. GIBBS was expected in St. Paul in April, while on Sabbatic leave from Victoria University of Wellington, New Zealand. From London, March 12, however, this OT deleted St. Paul from his itinerary: "Bryn and I have been rushing around like demented dingoes and only yesterday realized...that we shall not be able to renew old friendships in North America...we let the grass grow about us in southern Europe...we spent a night with J. C. SANTIAGO at Elvas, Portugal, and saw the big chief's signature in the visitor's book at the Plant Pathological Station at Oieras, and in the University Rest House at Coimbatore." Not having seen the Gibbs since 1937, we regret their change of plans very much.

Dr. K. G. McINDOE, who minored in Plant Pathology in the late 20's, retired in 1958 from his position as Director of the Research Department of the Firestone Plantations Company in Liberia. Quotes from a note he sent at AURORA's request: "I'm sure few people know that it was a redoubtable man named Stakman who went to Liberia in 1930 to advise the Firestone Company on the establishment of a Research Department. It was at his suggestion that I went there in January 1931...In those days I was the sole member of the Research Department...when I left in 1958, there was a staff of about 15 men, and, I hope, a solid body of knowledge accumulated...my company still retains me as a research consultant; some of the time I live in Leesburg, Florida, where most of the time it is warmer than Minnesota..At intervals I go on trips to Liberia, to Guatemala, to Brazil, and to the Philippines, where my beloved rubber trees, next to my family, are my absorbing interest...one of these days I'm going to see the Frozen North again, the only condition being that it is not in winter."

Plant Pathology's association with the Firestone Co. led to rubber-disease studies at St. Paul--theses by Tommy King, Dutch Harrar, and maybe others--and to field studies in Liberia by OTs Rollo Lorenz, Art Verrall, George Hafstad, Chet Wismer, and Ellis Darley.

March 30 found Clyde ALLISON, of Ohio,

established in Salisbury, Southern Rhodesia. More news later.

STAKMAN TRAVELOG

El Jefe Grande Elvino Carlos STAKMAN spent the 3 months from January 8 to April 9 in Mexico. He was visiting Professor in the Colegio de Post-Graduados at the National School of Agriculture at Chapingo. Old Timer Dr. Alfredo CAMPOS, Professor of Plant Pathology at the Colegio, accompanied Dr. Stakman on the Mexican leg of his trip home, where they visited the Colleges of Agriculture at Juarez and at Saltillo and also the Instituto Tecnologico at Monterrey.

Speeches were spouted, and spouted in Spanish, at all these points by El Jefe G. One was given before La Sociedad Mexicana de Historia Natural at their meeting in Mexico City on April 1, preceded by presentation to Dr. Stakman of Honorary Membership in the Society.

Old Timers were seen and greeted with abrazos. Santiago FUENTES is studying corn diseases and certain other maladies at the Oficina de Estudios Especiales. Miss M. de la ISLA is working in the Instituto de Investigaciones of the Mexican Department of Agriculture. At Saltillo, Gabriel MURILLO is Professor of Plant Pathology; also two Old Timers who minored in plant pathology at Minnesota--Lorenzo MARTINEZ and Baldomero CORDOBA--are teaching there. At Monterrey, Leonel ROBLES is Director of the School of Agriculture at the Instituto Tecnologico, Carlos FELIX is Professor of Genetics, and Manuel ROJAS is Professor of Applied Plant Physiology.

And whither next? Will it be Pacific or Atlantic, North Pole or South? Watch for our next issue!

THURSDAY NIGHT SEMINAR, Fall Quarter 1959

Oct. 1: Dr. A. Ganguli, India, sugar cane diseases, card tricks; Dr. J. Scott Russell, England, radiobiology; Dr. Middleton, England, fallout; Prof. T. C. Broyer, Berkeley, chlorine essentiality; Dr. O. Biddulph, Pullman, translocation of minerals; Dr. Jack Meiners, Beltsville; Dr. Branquinho d'Oliveira, Portugal. Oct. 29: Al Wood, plant disease clinic; Dave Gerwitz, physiology of rust; George Bean, rust on blue grass; Bill Merrill, forestry meetings in Saskatoon; Dr. Roy Wilcoxson, virus resistance in red clover. Nov. 5: Dr. H. David Thurston, Colombia, potato diseases, educational and cultural aspects of life in Colombia; Dr. E. C. Stakman, Mexico and education see above. Nov. 12: Wally Rogers, parasitism of *Striga*; Bobby Renfro, cytoplasmic male sterility in plants. Nov. 19: Wiley Garrett, epidemiology of wheat stem rust; M. Marinos, viruses; Dave Schroeder, oak wilt.

THURSDAY NIGHT SEMINAR, Winter Quarter 1960

Jan. 7: Dr. Fred Frosheiser, film on alfalfa; Stein Telneset, Norway; Dr. Ted Sudia, book reviews of vegetation of Wisconsin and deciduous forest of eastern United States. Jan. 21: Al Wood, wood staining fungi; Kenny Knutson, book review, Potato Late Blight Forecasting; Ernie Banttari, blue dwarf virus in barley; Bill Haglund, pea root rot. Jan. 28: Arne Andersen, talk and film on Denmark; Ron Welty, root exudates; Dave Mumford, smut testing; Howard Bissonnette, leaf spot on sugar beets. Feb. 1: NC-37 Committee appeared at a special seminar. Committee members present were Dr. Earle Hanson, Wisconsin, Dr. James Gerdemann, Illinois, Dr. Marvin Whitehead, Missouri, Dr. Don Carlos Norton, Iowa, Dr. Fritz Schmitt-henner, Ohio, Dr. M. G. Boosalis, Nebraska, Dr. A. C. Wilton, Alaska, Dr. P. C. Sandal, North Dakota, Dr. M. O. Bumbough, South Dakota, Dr. C. H. Hanson, U.S.D.A., Dr. T. S. Ronnigen, State Experiment Station Representative. The topic was ALFALFA. Others present were Dr. H. T. Thomas, Dr. A. E. Hollowell, U.S.D.A., and Dr. E. E. Leppik, Plant Introduction Station, Iowa,

and the Honorable Dr. Charles Logsdon, Mayor of Palmer, Alaska, to whom was presented a diploma of recognition for outstanding service. Feb. 4: Dr. Harry Young Jr., Oklahoma, aphids on barley; Dr. Curtis W. Roane, Virginia, plant pathology in Virginia; George Bean, Minnesota wildlife, including a travelogue of Three Rivers, Minnesota. Feb. 11: Dr. Faustino Orillo, The Philippines, movie and talk on the Philippines. Feb. 18: Bimala Pada Chakravarti, wheat stem rust; Bill Kennedy, bacteria on strawberry. Feb. 25: Dr. Faustino Orillo, irradiation of bacteria; Kenny Knutson, scab of potato; Karl Fezer, barley meetings at Fargo. Mar. 3: Clint Zinter, Peavey Company, crop yield production; Richard Lutey, refutation of speech by Karl Fezer; Richard Frederiksen, migration of leafhoppers. Mar. 10: George Bean, Phoma on alfalfa; Ron Welty, Mexico. Mar. 17: John Ohman, hatching of nematode cysts; Dr. Axel Andersen, Michigan, bean research in Michigan plus travelogue; Dr. and Mrs. (also Dr. Heinrich Weltzein, Germany, plant pathology in Germany, the political and cultural situation in West Berlin.

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CHRISTMAS PARTY

The annual Christmas Party was held in the Plant Pathology Building on the first floor. The fragrant aroma of fresh baked ham, the laughter of children, and the idle conversation of adults filled the atmosphere where the authoritative voices of inspiring professors usually prevail.

The food, provided by Dr. J.J.C., was as usual delicious and plentiful. The meal centered around two large baked country hams and consisted of assorted meats, cheeses, potato salad, twelve home made cakes, ice cream, soft drinks, coffee, etc.

Santa appeared (R. W. Goth--didn't need any padding but the wig sure helped) with presents for the children and a semi-automatic slide viewer for Dr. J.J.C. The children's entertainment was concluded with a series of cartoons.

The grown-ups and "staff" were astounded by a Cecil B. DeMille type production entitled "The Beat Plant Pathology Department." The faculty was depicted as an aggregation of "Beatniks" who had infiltrated into plant pathology circles around 1980. The cast consisted of:

Master of Ceremonies . . . Wm. Merrill
 Big Daddy-o Christensen . . . Al Wood
 Rice Paddy Daddy King . Dave Schroeder
 El Gotto Eide C. A. Caballero
 Hurricane Helen E. G. Schleder
 Matt the Cat Moore E. W. Ryan
 Weed Kommedahl Ron Welty
 Laughing Boy French . . . George Bean

Big Daddy-o's message, which every plant pathologist should take to heart, was "If you want to be a good plant pathologist you have to wear 'shades' (spectacles for you non-believers) and any plant pathologist who doesn't wear 'shades' is no ___ good!"

The singing of Christmas carols brought this fun-packed evening to a happy close.

LOCAL NEWS--by George Bean

The Al Woods are demonstrating that 7 can live as cheaply as 1 by having their fifth child (lucky 7, come 11?). Other members of the seminar who have recently gained another income-tax exemption are Al Linck, Bill Roberts, George Bean, and Wiley Garrett.

Anyone walking through the Plant Path building the last few weeks would think it was a hospital's convalescent ward, what with Howard Bissonnette on crutches with a sprained ankle, Neil Anderson nursing several sprained fingers, and Wiley Garrett limping slightly. The reason behind these casualties: the volleyball tournament was in full swing, with everyone, faculty included, using such terms as "spiking" or "into the net." Wonder what it'll be like when the baseball season starts?

No longer will any graduate student be "stumped" when Dr. J.J.C. asks him about any of the past presidents of the Phytopath Society, because the seminar is now the proud possessor of a picture gallery of all past presidents. And what better place to have it than on the wall just outside the Seminar Room? Hats off to all those responsible for acquisition of this fine collection of famous plant pathologists.

In preparation for the forthcoming election of officers to the Phytopath Society, a recent Thursday night seminar was set aside to familiarize the department members with the candidates under consideration. Each candidate's past history, his field of investigation and contributions to plant pathology were presented along with other noteworthy attributes (Minnesota Old Timer or not). Attempts to sway the voters were not permitted.

At the annual Christmas party, the statement was made (in jest) that the janitor's broom closet could be used as office space for some graduate students. Shortly after that, Ernie Banttari and Roland Line moved into the storeroom which had housed the still (for distilled water only, of course) plus an odd assortment of sticks and tree stumps,

Local News (continued)

along with numerous sacks of peas. (The still remained!) Anyone for the field house?

The department has recently acquired the schoolhouse located at Larpenteur and Cleveland. Rumor has it that it will be used for storage. Matt Moore is already bidding for space. Another recent acquisition is an 800-pound roll of polyethylene for use of anyone in need of same.

AG BOTANY LOCAL NEWS AND SEMINAR--by John Ohman

Travelin' Dr. Al Linck is gone again. Taking with him his new son of three weeks (Erik John) and his wife of three years, Al will spend the spring quarter at Washington State University, Pullman, where he will work with Dr. O. Biddulph on translocation in plants.

The Tottering Tower has a new grad student to swell still further its straining seams...Arvid Monson (B.S. Minn. 1959) started January 1 and is working on isotope translocation by Rhizoc.

Ag Botany Seminar is growing also. Average attendance during fall and winter quarters was 30-35 astute scholars drawn from many departments. Naturally, the most astute were from Ag Botany, the second most astute were from up the hill, with the remainder from other departments. The climacteric, dormancy, and mechanisms of transport in plants were discussed.

WHO SAID IT?

1. "Where were you born?"
2. "Get out and see the diseases in the field."
3. "I think seminar should start one hour later and stop one hour earlier."
4. "For Heaven's Sake!"
5. "I'll show the slides of my trip to a volunteer audience."
6. "You all know perfectly well."
7. "Anyone who uses more than a 2 lb. test leader is a meat fisherman."
8. "It's absolutely high-larious."
9. "What? Another committee?"
10. "It's not at all uncommon to see a red fox out on the road in Alaska because the mosquitoes are so bad in the woods."
11. "Do you really believe that?"
12. "Have you made any discoveries today?"

(answers on page 9)

THE GREAT DANE DECORATED

At the beginning of the new year, on Monday, January 4, nearly 150 friends and colleagues of J. J. Christensen dined in the Campus Club to witness and participate in the conferring of the Stakman Award on the illustrious and ebullient Great Dane. Dean H. Macy of Minnesota's Institute of Agriculture was Toastmaster, Dean Emeritus C. H. Bailey and Professor Emeritus E. C. Stakman also took part in the drama. After the glistening gold medal, the handsome citation, and the inconspicuous bank check had been presented to J.J.C. with appropriate speechifying, the 1959 recipient of the award made one of the gentlest, most sincere addresses of his career. Two of the famed Christensen Sons--Don and Bob--were there with their wives to bask in the glory, to learn a few secrets from the past, and to take pride in the accomplishments of J.J. As one former teacher said that evening, "it was a long way to come, from Crow River in McLeod County, Minnesota, to Snake Creek in McLean County, North Dakota, to the Spree in Germany, the Ishikara in Japan, and the Rio de la Plata in South America--from stone mason's helper to country school teacher to a position of world renown." The applause throughout the evening was tremendous enough to strain the seams of the Campus Club and to bombard the eardrums of everyone.

THE SPORT OF BOWLING--by Tom Wyllie

The 1959-1960 bowling season was one of success, mediocrity, and utter frustration. For the pathological keglers on the "exalted summit" the season was reasonably successful for they ended in undisputed third position in the sixteen-team St. Paul Campus Faculty League. For the Agricultural Botanists, who reside at the base of the "exalted summit" and, it has been said by persons unknown, normally collect the intellectual run-off, supported this hypothesis by finishing (thus deserving some credit) deeply quagmired in sixteenth position."

The "Hillers" team, composed of Richard Lutey, Wes Miller, Tom King, Tom Wyllie, Don Taylor, and supported from time to time by Al Wood and Lauren Carlson, proved to a congenial congregation that fully enjoyed the weekly Wednesday night sojourn to the new bowling lanes located on the St. Paul Campus. Almost all of the members greatly improved their gamesmanship as the season progressed, the most notable achievement perhaps being shown by Tom King whose calm, cool, and collected machine-like precision never failed to amaze.

The Plant Pathology team set some league records this year, the most notable being a three game team scratch total of 2557 and a high single game team score of 952 scratch. Tom Wyllie took league honors by rolling a 601 series. This was the only 600 plus series recorded in the league for the 1959-60 season.

*(Ed. note. This remark has not passed unnoticed, however, since the Ag Botany group bowls for fun and fellowship, no rebuttal is deemed necessary.)

VOLLEYBALL

The Agricultural Botany volleyball team composed of G. Ahlgren, N. Anderson, R. Durbin, D. French, W. Garrett, D. Mumford, and M. Tumbleson (Captain) went through the regular season with a .933 average and then swept the tournament without losing a game to be declared the champions of the St. Paul Campus Faculty Volleyball League.

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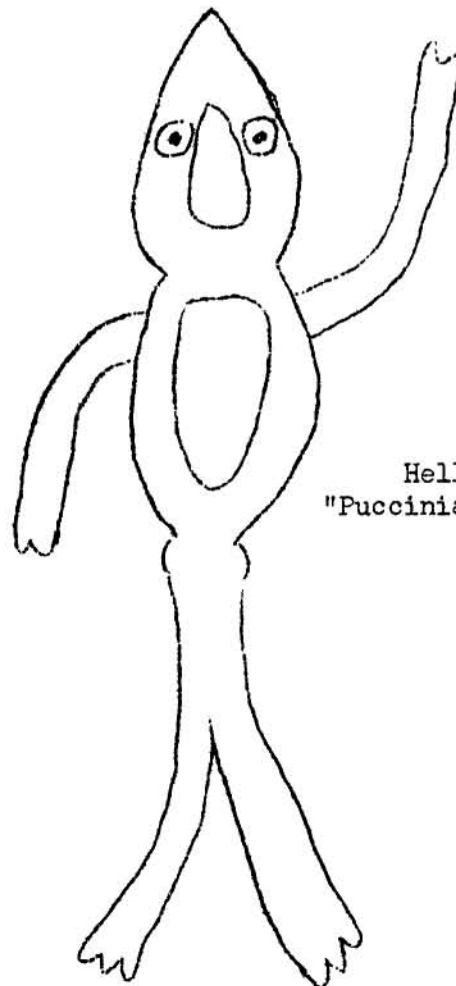
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Answers to Quiz on page 7:

1. Thor Kommedahl
2. Matt Moore
3. Anonymous
4. J. J. Christensen
5. C. J. Eide
6. E. C. Stakman
7. J. B. Rowell
8. T. W. Sudia
9. A. J. Linck
10. D. W. French
11. C. M. Christensen
12. J. J. Christensen



Hello to all
"Puccinia People"