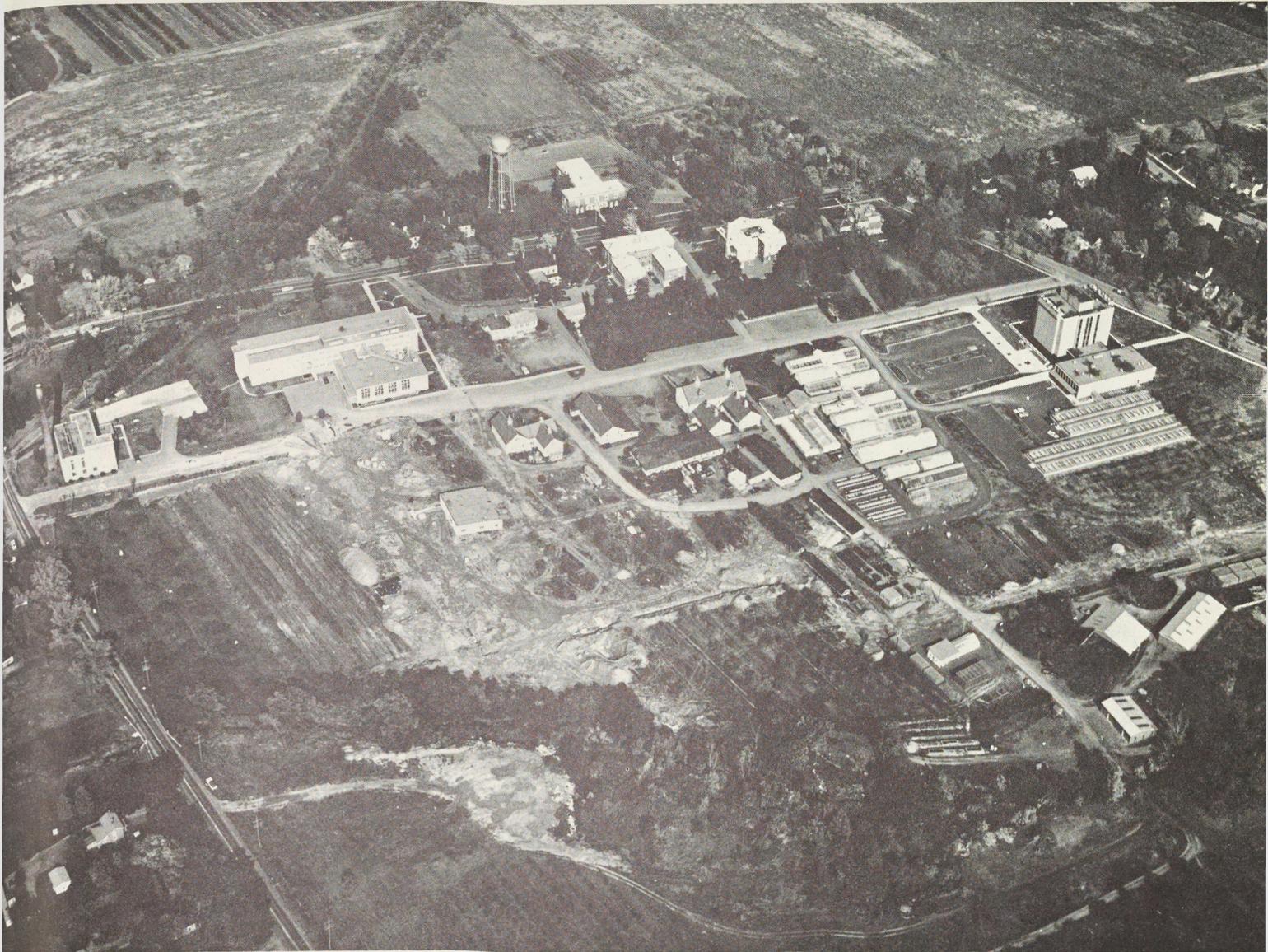


STATION NEWS



A House Organ for Station Employees
Not for Publication Without Consent

Vol. 82, No. 22
December 6, 1968

New York State Agricultural Experiment Station
Geneva

CALENDAR OF EVENTS

- Dec. 9 - 8:00 p.m. - Jordan Hall - SPEBSQSA
- 10 - 9:00 a.m. - Conference Room, Jordan Hall - Campus Warehouse Building Committee
- 10 - 1:15 p.m. - Conference Room, Food Research Laboratory - Snap Bean Cutting
- 10 - 2:30 p.m. - Tour - Tuesday Club
- 11 - 10:30 a.m. - Auditorium, Jordan Hall - Sigma Xi
- 13 - 10:00 a.m. - Conference Room, Jordan Hall - Raw Products Conference Planning Committee and Agricultural Committee of New York State Canners and Freezers
- 13 - 8:00 p.m. - Staff Room, Jordan Hall - Finger Lakes Astronomy Club
- 17 - 6:00 p.m. - Jordan Hall - Station Club Christmas Party
- 18 - 10:00 a.m. - Conference Room, Jordan Hall - Upstate Lettuce Industry Study Committee
- 19 - 10:30 a.m. - Tour - Rochester Audio Visual Bus, Rochester Elementary Schools
- 19 - 3:30 p.m. - Staff Room, Jordan Hall - Station Seminar - "The Ecology of Pollution," Dr. Norman C. Dondero, Department of Food Science, Ithaca
- 20 - 9:00 a.m. - Jordan Hall - Corn Congress Meeting

ED GLASS APPOINTED HEAD OF ENTOMOLOGY

Freeman McEwen is resigning his position with Cornell effective January 31, 1969. He stepped down as head of Entomology December 1. Freeman is going back to his native Canada to accept a post as professor of entomology at the University of Guelph, Guelph, Ontario. He will also serve as coordinator for the entomology section of the Department of Zoology.

Edward H. Glass, a member of the Station's Entomology Department for 20 years, has been appointed head of the department effective January 1, 1969 by action of the Board of Trustees of Cornell University. He is serving as acting head during this month.

The new department head has a long, successful history in the field of entomology and with the Geneva Station. He joined the Station's Entomology Department in 1948 as an associate professor and in 1954 was promoted to professor. Ed has spent most of his research efforts on studying methods for controlling orchard pests, working on the problem of insects developing resistance to many of the agricultural chemical sprays used for control, and learning how light and dark periods (photoperiodism) affect the life cycle of insects.

He is well known among New York fruit growers and is in constant demand to speak at grower meetings on latest methods of controlling economically damaging insects. Ed also has a close acquaintance with many chemical companies that manufacture today's modern insecticides. Much of his research deals with the red-banded leaf roller, known as one of the most damaging insects of pome fruits in New York. He has developed a method for mass rearing this insect in the laboratory which included a detailed study of the nutritional requirements needed to raise the insect under artificial conditions.

Ed, in his most recent assignment, became a figure in the international agricultural arena. He spent 18 months at the University of the Philippines where Cornell University has a cooperative project. While there, from July 1966 to January 1968, he conducted a full-scale field experimental program on developing suitable control methods for certain pests attacking rice, vegetables, and fruits. He also assisted in the development of a graduate program in entomology at the University of the Philippines.

He has more than 80 scientific publications to his credit, many of which deal with control of the codling moth and the red-banded leaf roller, two insects that can cause serious damage to apples and other pome fruits.

Ed is a member of Sigma Xi, Gamma Sigma Delta, the American Entomological Society, American Association for the Advancement of Science, and the American Institute of Biological Sciences.

Also active in local affairs, he is a director of the Geneva Community Chest; a past president of Geneva Concerts, Inc. from 1963-1965; clerk of the session, North Presbyterian Church in 1965; and vice-president and president of the University Club in 1964 and 1965 respectively. He is currently chairman of the Finger Lakes Festival of the Arts.

Ed earned his bachelor of science degree in entomology from Massachusetts State College in 1938, his master of science degree from Virginia Polytechnic Institute in 1940, and his doctorate degree in entomology from Ohio State University in 1943. Before joining the Geneva Station, he was an entomologist for the American Cyanamid Company where he spent 5 years conducting field and laboratory studies on the development of pesticides.

He and his wife, Nell, reside on White Springs Road in Geneva. The couple has a daughter, Mrs. T. E. Acree, and a son, Edward H., Jr.

In announcing the change, Director Barton said, "Cornell University and the Geneva Station are extremely fortunate to have scientists with the leadership abilities exhibited by Drs. Glass and McEwen. It is with considerable regret that we accept the resignation of Dr. McEwen from the faculty of Cornell. For the past 3 years he has served admirably as department head and before that, made outstanding contributions in the field of insect control. As department head of Entomology, he has developed a long-range program that encompasses the total use of the new insect complex in the \$4.6 million Entomology-Plant Pathology building that is soon to be

occupied.

"Dr. Glass has a profound knowledge of the total concept of modern-day entomological research, and this, coupled with his close association with growers and the industry, assures us of the continuing development of an in-depth insect research program. Cornell is proud to announce his appointment as head of the Department of Entomology, and we look forward to a close association in the years ahead."

BOB GILMER NAMED HEAD OF PLANT PATHOLOGY

Robert M. Gilmer has been appointed head of Plant Pathology effective December 1.

Bob has been acting head of the department since the retirement of Jim Hamilton 17 months ago.

After joining the Station's Plant Pathology Department in 1950, Bob took charge of the virus and plant disease control research with nursery stocks. Cooperating with other scientists, he was instrumental in producing virus-free fruit trees for New York's multi-million dollar nursery industry. Now, nearly all nursery stocks of sour cherry are virus-free compared to just a few hundred in the early 1950's.

While serving as acting head, Bob, along with other members of his faculty, was primarily responsible for planning the program in Plant Pathology and equipment needs that will go into effect when the new \$4.6 million Entomology-Plant Pathology building is occupied. The Station's program in studying plant diseases will be considerably expanded once the move takes place.

Even while serving as department head, Bob plans to continue his active role as a researcher. His value to the scientific world is well recognized outside Cornell University in that he is a member of the executive committee of a northeastern regional project (NE-14) on stone fruit virus diseases and he is a member of a national technical committee (IR-2) studying virus-free deciduous fruit stocks. He has published 80 scientific papers.

Bob has, in cooperation with scientists in the Station's Entomology Department, been primarily responsible for developing suitable spray schedules for apple and cherry nursery stock. In another cooperative project with Entomology, he was a key investigator in identifying various species of leafhopper that are vectors of X-disease, a lethal virus affecting both cherries and peaches.

In 1958, the scientist spent 6 months at the East Malling Research Station in England to further his knowledge on virus indexing techniques, to study the effect of environment on symptoms of various virus diseases of pear, apple, and quince, and to compare virus strains affecting pome and stone fruits in England with similar strains native to New York.

Bob received his B.S., M.S., and Ph.D. degrees in 1947, 1948, and 1950 respectively from the University of Wisconsin. He joined the Station's Plant Pathology Department in 1950 as an assistant professor, was promoted to associate professor in 1954, and reached full professor in 1959. He is a member of Alpha Epsilon Upsilon, Alpha Zeta, and Sigma Xi honorary or scientific fraternities.

The new department head and his wife, Eleanor, are residents of Phelps.

"We are quite proud of the name that the Station's Plant Pathology Department has made for itself throughout the world," commented Director Barton. "Dr. Gilmer has exhibited unusual qualities as a scientist and for the past year and a half as an administrator. A concentrated hunt throughout this country for a man qualified to take over the difficult task of department head brought us back, without question, to our own Dr. Gilmer. We feel this speaks most highly of his qualifications."

ROY NITTLER APPOINTED HEAD OF SEED INVESTIGATIONS

LeRoy W. Nittler has been appointed head of Seed Investigations effective December 1. Roy is filling the vacancy created when Benjamin E. Clark stepped

down as head to become assistant director of the Station slightly more than a month ago. Roy has been serving as acting head during the interim.

A graduate of the University of Nebraska and Cornell University, Roy joined the Seed Investigations Department at the Station in 1953. Considered one of the country's most outstanding research men in seed technology, his contributions have been the focal point in the northeastern United States for developing techniques for identifying mixtures of varieties in seed samples. He has published more than 30 technical articles on seed technology.

The Station's Seed Investigations Department has a threefold function-- testing samples of seed for purity and germination, conducting research on improving seed testing procedures, and conducting basic research on the life processes of seeds. Also connected with this department is the Regional Plant Introduction Station which is supported by the 13 northeastern states.

Although the Station's smallest department in number of professional staff members, the Station is recognized as having the most complete seed testing service and research program in the country. "Since Dr. Nittler joined our staff in 1953, he has made numerous contributions in seed research, particularly in developing techniques for determining varietal purity of seeds," said Director Barton.

"Dr. Nittler is well acquainted with the field and is known by seed technologists in other institutions having these units. He has served as chairman of the regional technical committee on seeds several times and has fine leadership ability and administrative know-how."

The scientist is a member of Phi Kappa Phi, Alpha Zeta, Gamma Sigma Delta, Sigma Xi, and the American Society of Agronomy. Others are the Crop Science Society of America and the American Association for the Advancement of Science.

FORSHEY NAMED SUPERINTENDENT OF HUDSON VALLEY LABORATORY, HIGHLAND

A new position of superintendent of the Hudson Valley Research Laboratory has been established in the administrative hierarchy of the Station.

Charles G. Forshey, a member of the faculty currently at the Hudson Valley Laboratory, has been appointed superintendent by recent action of the Board of Trustees of Cornell University. Chick has been at the Laboratory for 14 years and in that time has become well known by growers in this important fruit and vegetable sector of the State for his work on irrigating, pruning, and thinning fruit trees.

Until now, there has been no official position that delegates the administrative responsibilities of operating the Hudson Valley Laboratory. The Laboratory has been in existence for 45 years, being first located in Highland, then at Vassar College, then moved to Marple Road in Poughkeepsie, and following a fire in 1962, a new laboratory was constructed, this time again in Highland.

Currently, there are four professors at the Laboratory and one research associate. Land for the Laboratory was purchased by the Hudson Valley Agricultural Research Corporation, a local growers' organization, which also built the \$80,000 physical plant at Highland.

"We have felt the need for a superintendent of our Hudson Valley Laboratory for some time," said Director Barton. "Dr. Ralph Dean, on the Laboratory's staff, has been working informally as laboratory manager for years and has performed a great service in that capacity. As the demands upon the Laboratory and its staff increase and change, a more systemized mechanism is needed. The superintendent will have defined responsibilities in planning and managing the facilities there and in providing an annual research program review."

Chick received his Ph.D. degree from Ohio State University in 1954 and, in that same year, joined the Pomology Department of the Geneva Station as an assistant professor. He was assigned to the Hudson Valley Laboratory and has been there since. He was promoted to associate professor in 1958 and to full professor in 1966.

Well known among growers throughout the entire Hudson Valley, Chick has concentrated his research efforts on studying nutritional needs, irrigational requirements, and the effect of chemical thinning on apple trees. Application of his research results by growers has helped make the Hudson Valley Region the largest fresh apple producing area of New York State.

In 1963, he accepted a 1-year assignment with the Rockefeller Foundation to assist in development of its Chilean Agricultural Program. While in Chile, Chick assisted in the development of research and teaching programs at the University of Chile and at Catholic University.

He is a member of Sigma Xi, American Society for Horticultural Science, American Chemical Society, and the Soil Science Society of America.

UYEMOTO APPOINTED TO PLANT PATHOLOGY FACULTY

Dr. Jerry K. Uyemoto has been appointed assistant professor of plant pathology at the Station effective December 1.

The scientist is a specialist in the field of virology, which is the science of studying virus diseases affecting plants. He just completed work on his Ph.D. degree at the University of California, Davis where he became experienced in using techniques for characterization of viruses including amino acid and base ratio analysis. It is expected that identification of some of the virus diseases affecting plants can be made in a considerably shorter time than was possible before this specialist was appointed to the staff. With present procedures used at the Station, it may take as long as 3 months to 1 year to identify a particular virus. A trained virologist can provide identification sometimes within 24 hours.

Dr. Uyemoto and his wife, Susan, are residing at 471 South Main Street in Geneva.

SANTA CLAUS IS COMING TO TOWN

Yes, that's right, Santa Claus is scheduled to appear at the annual Station Club Christmas party on Tuesday, December 17. Be sure to mark the date on your calendar.

In fact, there are a number of exciting events that will take place at this year's party. The party begins at 6 p.m. in Jordan Hall with refreshments for children 10 and under. At the same time, there will be a teen-age party and adult tea in full swing.

As a special attraction, Bob Ellis will present his Magic Show at 7 p.m., after which it is expected that Santa will make his annual visit.

If you have not been contacted by your department secretary and wish to attend the Christmas party, please call or see Stan Shannon (789-8444) and provide him with the names and ages of your children.

One last item. Please use the large parking lot behind Jordan Hall and do not block the entrances. The back basement door of Jordan Hall will be open for your convenience.

STATION CLUB MEMBERSHIPS STILL AVAILABLE

Here is some good news for those who keep forgetting to bring their money for Station Club memberships. You may still join even though the annual membership drive is officially over, and if you hurry, you will be a member in time for the Christmas party. So, be sure and tie a string around your finger today as a reminder.

WORLD FAMOUS BOTANIST SPEAKS AT SIGMA XI

Dr. Frits Went, world-famous lecturer and Director, Desert Research Institute, University of Nevada, Reno, will lecture at a meeting of Sigma Xi on Wednesday, December 11, at 10:30 a.m. The meeting will be held in Jordan Hall.

Dr. Went is a pioneer in the field of plant growth regulators, and his

tests for growth hormones using oat and pea plants have been standard tests for many years. He has studied the relationships between plants and their environment both in the East Indian tropics and the American desert.

He was a leader in the building and use of the Earhart Plant Research Laboratory at the California Institute of Technology. This was the first laboratory in the country used for the experimental growing of plants with controlled temperature, humidity, light, and carbon dioxide. These growth chambers are now standard equipment for growing and studying experimental plants.

Dr. Went has also studied volatile substances which plants release into the atmosphere. His books and papers are considered standard references for students of plant life.

The scientist is a native of the Netherlands and received his doctorate degree at the University of Utrecht in the Netherlands in 1927. His thesis was his first work on growth hormones. From 1928-1932, he was at the Botanic Gardens in Java and from 1933-1958 was at the California Institute of Technology. Then in 1953-1963, he was Director, Missouri Botanic Gardens, and from 1963-1965 a professor of botany at Washington University, St. Louis. He has been Director of the Desert Research Institute at the University of Nevada since 1965.

Sigma Xi, an honorary scientific society, sponsors several lectures during the academic year for its members and interested citizens. Scheduled to appear March 19, 1969 is another outstanding scientific leader, Dr. Hans A. Panofsky, Pennsylvania State University, University Park, Penna. His topic will cover the "Meteorological Effects on Air Pollution." This lecture will also be held in Jordan Hall of the New York State Agricultural Experiment Station.

OTHER APPOINTMENTS

Louis J. Chicoine has been appointed a custodian in the new Entomology-Plant Pathology Building. Louis lives in Stanley.

Joseph S. Davoli has been appointed as a greenhouseman effective December 3. Joe was formerly a field assistant at the Station.

MEETINGS

Donald Downing and Jerry Van Buren attended the annual convention of the Mid-Atlantic Food Processors Association in Baltimore December 2-4. Jerry presented a paper on discoloration of snap beans.

Held on December 2-3 was the 30th Annual New York State Seed Conference in Ithaca. Attending from Geneva in Seed Investigations were Ben Clark, Roy Nittler, Willard Crosier, Sam Braverman, Earle Waters, and Tom Kenny.

Attending the National Meetings of the Entomological Society of America in Dallas, Texas this week were Freeman McEwen, Ed Glass, Dave Judge, Ronald Kuhr, Wendell Roelofs, Hank Arn, and Mahtab Shaikh.

FAREWELL PARTY FOR MCEWENS

A farewell party is being given the McEwens the evening of December 11 at the Dresden Hotel. All members of the Entomology Department and their spouses will be attending.

BIRTH

Congratulations to Anwar and Tamken Khan on the birth of a daughter, 6 lbs., 5 oz., on November 27.

HAPPINESS REPORT

Welcome back to Marion Holland who has just returned to her duties in Entomology in Sturtevant Hall. Marion, you will recall, was injured in the accident that took place a couple of months ago at Madia's.

CHANGE IN SEMINAR DATE

Please note that the Plant Science Seminar originally scheduled for December 19 has been rescheduled to January 9. Claude Heit will discuss "Seed Germination Problems and Their Remedy." The seminar date had to be changed because of a conflict with the regular Station seminar series.

NOTE OF INTEREST

Here is a reminder to TIAA-CREF retirement plan members that the once-a-year opportunity to make a change in percentage is now so that it will become effective next year. Forms are available in the Personnel Office.

EXPERIMENT STATION SWITCHES TO CENTREX TELEPHONE SYSTEM, FIRST IN GENEVA

Good morning, Experiment Station! If you call the Station after 2:01 a.m. Sunday, December 15, and hear that voice you are talking to Miss Teresa Porcaro, the new Centrex operator at the Station.

For those in the Geneva area who have been calling the Experiment Station since the new telephone books have been out and getting wrong numbers or a recorded message, you will no longer have this trouble. On Monday, December 16, when you call the Station, be sure to use the numbers listed in the telephone book. But, beware. Notice that the numbers listed for the Experiment Station have a 787 exchange, not a 789 exchange as do all other numbers in Geneva.

The Centrex communications system is providing the Station with numerous advantages over the antiquated system used before. Most important is the fact that more than 155 telephones will be available, which is double the number currently in use. Other advantages of the new system include transfer of calls to any other telephone on the system, automatic outward calling and number identification so that individual billing can be made on each Centrex line, direct dialing to any other phone on the campus which will provide a complete inner communication system for the institution, and a direct line service for calls to and from the Ithaca campus of Cornell University.

Special switching equipment is required for the Centrex system and this is located in the basement of the new Entomology-Plant Pathology Building. Coupled with the switching equipment is a small, desk top size console for internal monitoring of calls. Rather than requiring a full-time operator as is normally the case in switchboard operations that do not have direct inward dialing, this console can be placed on the desk of a stenographer-receptionist in the front office of the administrative unit of the new building.

One major advantage of the new system will be for individuals making incoming long-distance calls. No longer will they have to call a new number if the first number tried is not for the right department or person. Most long-distance calls will come into the general information number at the Station of 787-2011, and the party will be connected with the proper telephone by Miss Porcaro.

It is also anticipated that the direct tie-line with the Ithaca campus and the conference phone will save considerable time and money. "Numerous calls are made to the Ithaca campus daily," commented Director Barton. "We can appreciably reduce this cost with the direct tie-line, and proper use of the conference phone should bring about further savings. Now, if we have several persons who need to meet with a group from the Ithaca campus, the only way to do it is to travel to Ithaca. The conference telephone should help us eliminate a certain percentage of these trips."

According to telephone authorities, this is the first Centrex communications system in Geneva.

WEATHER

	<u>Maximum</u>	<u>Minimum</u>	<u>Rain, Melted Snow, etc.</u>
November 23	47	31	
24	55	34	
25	50	36	.14
26	40	29	
27	45	32	.10
28	41	28	
29	56	36	.78
30	48	29	
December 1	33	26	
2	43	26	.17
3	45	35	.03
4	43	33	.86
5	37	31	.09
6	38	25	

NEW BOOKS IN THE STATION LIBRARY

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