



Students of the West Middle Island Elementary School gather round the capsule which contains the items they have collected for students 100 years hence. The capsule was constructed for the school by the Process Technology Division of DAS.

1976 Captured For 2076

One hundred years from now, if all goes well, a capsule will be opened at the West Middle Island Elementary School and the children of that day will learn how their peers viewed life and school in the year 1976. The capsule was constructed of polymer materials by the Process Technology Division of DAS, and the artifacts were contributed by seven and eight year olds at the school.

The 48-inch long capsule was buried Tuesday on the school grounds, and a 370-pound marker inscribed "May the time capsule buried here be opened July 4, 2076, to a world safe for democracy and freedom," was set in place. The marker was also made at DAS.

At the conclusion of the brief ceremonies, attended by Meyer Steinberg, Head of the Process Technology Division, Cleveland Johnson, Jr., Deputy Suffolk County Executive, and school officials, the children presented Steinberg with a poster signed by the pupils in the second grade classes, reading:

Good Citizens Card

Thank you for making our time capsule
Thank you for being good citizens
We have made friends
We will always remember you

Love
2-12 and 2-3

This is the first time that the polymer technology developed at Brookhaven, under the sponsorship of the AEC and ERDA, has been used for this particular purpose. Its use in sewer pipe, road repair, mine support roofs and the preservation of sculpture is well documented. In this instance, the outer shell of the capsule is made with crushed waste glass obtained from non-returnable glass containers and from solid waste separation plants. Bound with a polymer binder, the material is called glass polymer composite. The inner shell is made with sand aggregate bound with a polymer binder and is called polymer concrete. The inner lining is a paper fiber board impregnated with a monomer and polymerized in place to form a paper polymer composite.

Laboratory tests indicate that the material can last for at least 500 years. As many of the objects the children contributed are made of paper, the contents were also vacuum sealed in a brass tube to preserve them.

Information about the construction of the capsule is included in the contents, as is a note indicating that "the capsule was made with loving care" by Jack Fontana, Jack Amara, Barry Galen, George Arnold



Barry Galen (left) and Jack Fontana seal the capsule in the DAS lab before it is returned to the school.

and Bill Horn. These men worked on their own time and the capsule was donated as a community service by DAS.

The contents of the capsule were organized into several sections - homes and clothing, fun time, faith, communications, food, government, transportation, and schools. On all these subjects, the children drew posters, wrote essays and clipped from magazines to show what they considered important. An interesting sidelight is that in their section on communication, there is very little reference to television, but there are numerous drawings and clippings of radios. Perhaps, to them, television is just another piece of furniture.

They show the children of the future how they play games, that they like writing and singing and running. Included are samples of their toys and children's magazines, cereal boxes and a paper hat from a hamburger stand. One has written an essay on how primaries work and declared Ford and Carter the winners.

Posters, compositions and paintings by the children illustrate their concepts of God and their various faiths.

Transportation is matter-of-fact to them, "We use many different things to get around. We use cars and trucks and boats so we can go to many different places. The kids use bikes and go-carts and minibikes. They go to school on a bus."

There is innocence and confidence, and it has been captured for another one hundred years.

Lewis Appointed Purchasing Manager

Alfred P. Lewis, Purchasing Agent, has been appointed Manager of the Purchasing Division effective June 21. In this capacity, he has responsibility for the management and operation of the Laboratory's purchasing and contract functions. He is also charged with evaluating and recommending improved procurement procedures and practices.

Lewis joined the Laboratory in 1960 as a Buyer in Central Purchasing after broad purchasing experience in industry. In 1961 he was assigned to the Accelerator Department and was given the responsibility of procurement for the AGS, an assignment he held for ten years. During this period, he moved successively from Buyer, to Senior Buyer and, in 1969, to Purchasing Agent. One of his primary tasks was to oversee the purchasing requirements for the AGS Conversion, involving the expenditure of over \$60,000,000 in a span of five years. In 1971 he returned to Central Purchasing in a supervisory capacity.

Lewis graduated from the State University of New York at Farmingdale in Business Management and completed additional studies at the School of Business, Hofstra University. He is a Navy veteran and served with the Navy Air Wings in the Pacific for three years.

He resides in Port Jefferson with his wife and daughter. His wife, Dr. Carmie Lewis, is Professor of Biology at Suffolk Community College. Early in her career she worked in the Biology Department at Brookhaven under the direction of the late Henry Quastler.



Alfred P. Lewis

Jewett Retires From ERDA

John P. Jewett, Manager of ERDA's Brookhaven Area Office since 1973, is retiring from government service today. He will enter private industry and will be connected with the Clinch River Breeder Reactor project.

Jewett joined the Atomic Energy Commission in 1948 at the Hanford Operations Office, Richland, Washington, and was engaged in financial management capacities there until 1954 when he transferred to the Chicago Operations Office as Deputy Director of the Finance Division.

Four years later he became Assistant Manager for Administration, a position he held until 1962 when he transferred to the Space Nuclear Systems Office as Assistant Chief for Administration. In this capacity he was responsible for the organization and initiation of the administrative program at the Nuclear Rocket Development Station. He later became Chief of this Office and continued in this position until he transferred to Brookhaven.

Born in Omaha, Nebraska, Jewett graduated from Harvard College with a Bachelor of Science degree in government, and from the Harvard Graduate School of Business with a master's degree in business administration.

His wife, Rosemary, has been active in the Hospitality Committee during their stay here and they both have been prime participants in the establishment of a garden maintained for and by the on-site residents. The Jewetts have four children.



John P. Jewett
— photo by Rosen

Tesla To Be Honored

A ceremony in honor of the late Nikola Tesla, an inventive genius with many links to current work at the Laboratory, will be held in Berkner Hall on Wednesday, July 7, 1976, at 10 a.m.

Tesla, born in Yugoslavia, became a naturalized U.S. Citizen, and during an enormously productive decade, invented motors, transformers and electrical transmission equipment which made alternating current the preferred mode in the entire electrical power industry. He established private laboratories, first in Colorado Springs (where he produced sparks 41 feet long in a device widely known as a Tesla coil) and then in Shoreham, just to the northeast of Brookhaven. The laboratory at Shoreham was designed by Sanford White and is now occupied by Peerless Photo Products. At that site remains the base of a 200-foot high wooden tower Tesla had built in about 1903. The tower was capped by a huge copper electrode with which he hoped to affect wireless transmission of electrical power. The present international standard for magnetic force is in units of teslas.

The ceremony, to which the staff and public are invited, will include a symposium consisting of talks by Frank A. Jenkins, President, IEEE Power Engineering Society; Walter H. Bales, Westinghouse Electric Corporation; Gordon D. Friedlander, Senior Editor, IEEE Spectrum; and Eric B. Forsyth, Head, Power Transmission Project at BNL.

BNL Orchid On Danger List.

Botanists at the Smithsonian Institution in Washington, D.C. are working vigorously to identify 3000 species of endangered and threatened plants in the United States. Earlier this month they were informed that one of these plants, a rare breed of orchid, was spotted here at the Laboratory.

The *Cypripedium arietinum*, an orchid commonly called the "Ram's-head Lady's-slipper," was found growing wild on site. This was the first recorded detection of this species on Long Island and represents the most southward extension of the plant's natural range.

Dick Ruffing, Medical Department, was walking through the woods on site when he discovered a clump of lavender flowers with petals shaped like a lady's slipper. "I didn't even recognize them as orchids," he explained. "I just thought they were awfully pretty, so I went back to the office to ask a few people what they were, but nobody knew."

Alan Underbrink, a guest scientist from Columbia University doing research in the Medical Department, identified the flower as the Ram's-head Lady's-slipper. Arnold Sparrow and Anne Nauman of the Biology Department confirmed the identification.

When Susan Munsterman, a secretary in the Medical Department, realized what had been found, she reported the discovery to Robert DeFilippis, who works on the Endangered Flora Project in the Smithsonian's Botany Department. "The Ram's-head Lady's-slipper is on the Smithsonian's list of threatened species recommended for official listing with the Interior Department under the 1973 Endangered Species Act," said DeFilippis.

Congressional legislation defines a species as endangered when it is in danger of extinction throughout all or a significant portion of its range. A threatened species is one that is likely to become endangered in the foreseeable future, and includes some very rare plant species. A species is extinct when it is no longer known to exist in the wild.

DeFilippis explained that, "The *Cypripedium arietinum* certainly does need protection; it is becoming rarer and rarer." BNL's orchid, along with thousands of other plant species from the Smithsonian's recommended list, is not yet formally protected by the 1973 Endangered Species Act. "However, New York State law under the Department of Environmental Conservation protects this orchid with a \$25 fine for removing it from its natural habitat without the consent of the owner," DeFilippis added.

The fine is not a major weapon of protection. DeFilippis explained that the primary concern is educating the public. "We



Dick Ruffing, Medical Department, contemplates his find - a rare orchid named the Ram's-head Lady's-slipper.

so badly need public education to get people aware of all the species that are being destroyed by building and over-collection," he said.

"The best way to protect it is to leave it alone," said DeFilippis. "The orchid's best chance of survival is in its natural habitat and should be moved only in the imminent danger of a bulldozer." Many people apparently make the mistake of breaking the plant's delicate roots which expose it to fungus. Then they fail to transplant the orchid into the right soil conditions.

According to Ruffing, who often enjoys walking in the woods on site, "The conditions have to be just right for the Lady's-slipper to grow. If there is not enough of something, the tubers will be there but the plant may not make an appearance and the flowers won't last very long."

The *Cypripedium arietinum* typically grows in damp woods, the cool sub-acid soil of swamps, or in nearly pure sand mulched with pine or cedar needles. Ruffing described the area he spotted the Lady's-slipper in as "a bed of pine needles three or four inches deep."

Ruffing agrees with DeFilippis that the orchids should be left alone. "I think they are safe where they are," he said. "Someone could stumble upon them, but people who like to walk in the woods usually enjoy pretty things and probably wouldn't bother the flowers anyway."

Energy Reminder

For personal comfort cooling do not cool offices or laboratories below 78°F. Turn off air conditioning units when area is not occupied.

Retiring June 30

Robert H. Phillips, a high energy physicist, has been at Brookhaven since June 1, 1953. During this period, with the exception of one year spent at SLAC, he has been on the scientific staff of the Accelerator and Physics Departments and the Director's Office. He will continue to work on special projects at the Laboratory and also plans to teach.

W. Alvord Finn came to the Laboratory July 1, 1948, and was on the Personnel staff until January 1, 1952, when he assumed the post of Administrative Officer in the Medical Department. He plans to travel and to catch up on things he has not had time to do before - in particular, to devote some of that time to his favorite activity, photography.

Rita McGonigle has been a member of the nursing staff of the Medical Department since October 3, 1955, and Head Nurse since July 1966. She plans to take it easy at her home in Middle Island and will now have the time to enjoy her nine grandchildren.

Charles Goldman joined the Pharmacy at the Medical Department May 24, 1948, and in July, 1958, was made Pharmacist. Goldman's plan after his retirement are indefinite.



W. Alvord Finn



Robert H. Phillips



Charles Goldman



Rita McGonigle

— photos by Rosen

Selected Reading

- Chem. Eng. News 54, May 10, 1976
NAS president Philip Handler dubs Administration's R&D budget "not ungenerous," but scores small increase proposed for fundamental research. 5-6
- New Sci. 70, May 6, 1976
Waves a million. Solar, tidal, and wind power all look good but wave energy looks best. M. Kenward. 309-10
- Sci. News 109, June 5 & 12, 1976
Candidate for charmed particle. 356

Elections & Selections

The program for the next Theatre Group meeting being held in Stage II at 8:00 p.m. on Wednesday, June 30, will include a detailed report on the successful production "The Devils Disciple," readings from five plays being considered for production and the annual election of officers.

The slate of officers as presented by the Nominating Committee are listed below and nominations will be taken from the floor.

- President - Joe Miller
- Vice-President - Bill Love
- Secretary - Liz Pergan
- Advisory Chairman - Bob Kinsey
- House Chairman - Stan Lowell
- Program Chairman - David & Denise Dew-Hughes

To be considered are five excellent plays, well suited to the talents of the Theatre Group: *Man of All Seasons*, *Last of the Red Hot Mamas*, *Rosencrantz and Guildenstern, Hadrian VII*, and *The Fantastiks*.

This will be an especially important meeting for members interested in directing the next play. At this time, actors and stagehands are not needed, but directors are. This is a cast call for directors. Come and have a part in deciding the next production.

Attention Blood Donors!

As of Wednesday morning, 681 employees had pledged to give blood. This is not enough, and for the first time we are running behind our quota. Jerry Kinne, chairman of the drive, urgently requests that if you have not yet pledged, please contact him on extension 3334, or bring your pledge card to Bldg. 460.

Nursery School Invites Applications for 1976-77

The Upton Nursery School for three and four-year olds has packed away its toys and games for summer vacation, but will be back in operation in the fall.

The school is a cooperative, non-profit organization run for the benefit of the children of Laboratory employees. The children attend school two or three mornings a week and participate in a varied program including art and music, outdoor play, dramatic play and other activities. The professional teachers are assisted by one parent in each class at each session. Parental cooperation enables the school to keep tuition low.

Openings are still available for the 1976-77 school year. If you are interested in enrolling your child, please call enrollment chairperson, Sharon Paschos, at 928-4270.

CREF Unit Values

1975			
January	\$30.67	February	\$32.80
March	33.77	April	36.12
May	38.07	June	39.88
July	36.81	August	35.86
September	34.31	October	35.89
November	36.61	December	36.34
1976			
January	\$40.31	February	\$39.76
March	40.75	April	40.10
May	\$39.69		

Summer Concert Next Week

The BERA Concert Group will present another in a series of summer concerts when cellist Yvonne Cable and pianist David Alpher appear in a recital of works by Couperin, Schumann, Britten, Webern and Mendelssohn, Tuesday, June 29, at 8:30 p.m. in Berkner Hall.

Miss Cable, a dynamic and expressive young performer, has played on Long Island with the Palmer Chamber Ensemble



and the Suffolk Symphony, and with a number of orchestras and chamber groups elsewhere in the United States. Next season she will tour England, Scotland and Wales in recitals and performances with orchestras. She charms audiences and critics alike with her skilled and sensitive musicianship.

Admission to the program is \$3.00 for adults and \$1.50 for students and persons over 65.

Official & Special Events

- Tuesday, June 29
Dutch Science Teacher's Tour Concert
- Wednesday, June 30
Bloodmobile - Gym
- Thursday, July 1
Bloodmobile - Gym
- Sunday, July 4
Independence Day
- Monday, July 5
BNL Holiday
- Tuesday, July 6
BNL Holiday
- Wednesday, July 7
Tesla Symposium

Air Pollution Studies



About 20 representatives of ERDA laboratories and contractors met at BNL earlier this week as the working group of the Multistate Atmospheric Power Production Pollution Study (MAP 3S, for short). One immediate goal of the multidisciplinary study is to improve our understanding of the effects of atmospheric behavior on the relationship between power plant emissions and the ambient pollution level. The long-range goal is to improve man's ability to predict atmospheric problems on the regional and national level through a numerical model. Some of the participants were: (from left) Leonard Newman, DAS; Michael MacCracken, Lawrence Livermore Laboratory; Jeremy Hales, Pacific Northwest Laboratories; and Paul Michael, head of the Atmospheric Sciences Division, DAS.

BROOKHAVEN BULLETIN

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Letters To The Editor

To the Editor:

I was very moved by the tribute to Allan from his many friends and associates at BNL.

Knowing so many of you cared, has helped to ease our grief.

Sincerely,
Sylvia Auskern

A Beautiful Thank-You

THE WORLD OF

M. C. ESCHER



A book which includes the most important prints of M.C. Escher, a Dutch artist, was sent to Virginia Sayre, special program coordinator, by students from the Physical Mathematical Society of the University of Groningen, Holland, after their visit to the Laboratory on May 26. Mrs. Sayre presented the book to the BNL library.

Arrivals & Departures

Arrivals

Regina Hakoopian App. Science
Barbara J. Korth Director's Office
Tam Van Nguyen Ph. & Gr. Arts

Departures

Metin Arik Physics
Jorma J. Kukkonen App. Science
Jean A. Koroleski Physics

Summer Pool Schedule

Starting Wednesday, July 7, the following swimming pool schedule will be in effect. This schedule will continue through August 31, 1976.

Monday through Friday
11:30 a.m. - 1:00 p.m. employees only
1:00 p.m. - 2:30 p.m. children's lessons
2:30 p.m. - 9:30 p.m. employees/families/guests*

Saturday and Sunday
1:00 p.m. - 6:00 p.m. employees/families/guests*

*Limited to one guest per employee. Exceptions may be made for up to five guests by acquiring a special pass from the Recreation Office.

Entrance Fees:
75¢ employees/family members
\$1 guests

Summer season passes (May 1 through August 31) are priced at \$10 for employee only, and \$20 for family.

Gym Lockers Registration

New registration forms were sent to all gym locker users on June 7. If you have a registered locker and did not receive a form, please contact Blanche Laskee, Ext. 2873, as soon as possible.

All lockers must be re-registered no later than July 8. On July 9, locks will be cut off any unregistered lockers.



Spike It!

The winners of the volleyball league championships recently got together to receive their trophies. Above are the "Cool Tools," the winners of the men's league competition. In the top row (left to right) are: Masaki Suenage, Hugh Issacs, Ray Atkins (captain), and Dennis Nordstrom. Bottom row (left to right) are: Lew Snead, Harry Lutz, Dave Miller, and Mac Thomas. Not pictured are Randy Caton and Leroy James. To the right are the champs of the mixed league, "The Trolls." In the top row (left to right) are: Lew Snead, Harry Lutz, Dave Miller (captain), Ray Atkins and Dennis Nordstrom. In the bottom row (left to right) are: Linda Miller, Laura Genovese, Joanne Nordstrom and Mickey Sneed. Not pictured is Cathy Pagonis.



Holiday Film Service Sale

A special holiday offer of pre-mailers will take place at the BERA Sales & Services Office on Friday, July 2.

The July 4th weekend is picture-taking time. Buy your mailers and be prepared.

	Reg. Price	Sale Price
12 exposure prints	\$3.25	\$2.73
20 exposure prints	4.50	4.06
36 exposure prints	7.95	7.04
20 exposure slides	1.75	1.65
36 exposure slides	2.95	2.75
8mm movie film	1.95	1.80

Also offered on that day will be BERA Bicentennial T-Shirts, regularly priced at \$5.95 - sale price \$3.95.

Added Note:

Starting on July 10, as a special convenience for our guests visiting the Laboratory during the Summer Saturday Tours, the BERA Sales & Services Office will be open from 10:00 a.m. to 2:00 p.m.

Mets Baseball Tickets

Our summer visitors may not be aware that Mets baseball tickets are sold in the BERA Sales & Services Office. These tickets are for excellent box seats directly behind 3rd base at Shea Stadium and are priced at \$4.50 each. The Sales Office is open from 7:30 a.m. to 11:15 and 11:45 to 2:30 p.m.

Tickets for the following dates are still available.

Wednesday	June 30	St. Louis
Sunday	July 4	Chicago
Thursday	15	Houston
Sunday	18	Atlanta
Monday	19	Atlanta
Tuesday	Aug. 3	Montreal
Tuesday	10	San Diego
Wednesday	11	San Diego
Sunday	15	Cincinnati
Tuesday	31	Giants
Wednesday	Sept. 1	Giants
Friday	3	Philadelphia
Sunday	5	Philadelphia
Wednesday	15	St. Louis
Thursday	16	St. Louis
Friday	17	Pittsburgh
Sunday	19	Pittsburgh
Friday	24	Chicago
Sunday	26	Chicago
Monday	27	Montreal
Tuesday	28	Montreal
Wednesday	29	Montreal

If you see a date you like but can't get over to the Sales Office to pick up your tickets, call Leo on Ext. 3347. He'll be happy to put them aside for you.

'76 Tennis Tournament

The annual BNL Championship Tennis Tournament will begin on July 10. Sign up at the BERA Sales & Services Office in Berkner Hall starting June 25. There is a registration fee of \$1.00 per event. The deadline for entries is 1:30 p.m. on July 2.

Competition will be held in men's and women's singles, and men's, women's and mixed doubles. For the men's events, only employees (as defined by BERA) are eligible. Employees and their spouses are eligible for the women's events.

Seedings and the draw will be held on July 2. A first preliminary round of men's singles to reduce the field to 32 will be held during the week preceding July 10. On the weekend of July 10, two rounds of men's singles and one round each of men's doubles, women's singles and mixed doubles will be played. All matches will be scheduled as to time and court. Any players wishing to play their match before the scheduled time may do so. Barring rain postponements, the remaining matches will be scheduled after work hours during the week of July 12 to 16, with the finals the following weekend. The tennis courts will be reserved for tournament play during the scheduled matches.

Volunteers to help run the tournament are welcome. Leave your name with one of the following members of the tennis committee: John Elmore, Eena-Mai Franz, Andy Kevy, Tom Koetzle, Tom Luhman, Larry Passell, Edward Platner, Marge Stoeckel and Gail Williams.

LIIRA Tennis Tournament

The BNL tennis team continued its winning streak by defeating LILCO by a score of 51-29 in its fourth match.

Individual scores were:

Rosenberg, Kevy won 6-2, 6-2, 6-4
Feldberg, Cowley won 6-4, 2-1
(LILCO withdrew)
Platner, Foley lost 6-3, 4-6, 5-7

Golf News -

Pine Hills played very difficult last week as only one golfer was able to break 80. Although the course is not the longest on the Island, ever present winds and small greens do make for quite a challenge.

George Korhut was low man for the day with a 79 and Ed O'Connell a distant second with 85. Low net honors went to Charles Flood and Joe Mayeski both tying with 69's. Longest drive and closest to the pin were captured by Pete Bond.

Just a reminder - we will be having another tournament in July for all BNL golfers. You don't have to belong to the League to participate.

— Ed O'Connell

Softball News

Ed Taylor

League I

Hawks 12 (2-1) — Ravens 6 (1-2)

The Hawks' combined team effort enabled them to trounce the Ravens 12 to 6. Dave Comstock had a no-hitter going until the 4th inning. Jim Garrison had a fair game for the Ravens, but he's no Fletcher Johnson.

Old Timers 7 (2-1) — Blue Jays 5 (1-2)

No highlights available.

League II

Bubble Boys 10 (2-3) — Metallurgy 7 (1-4)

Bill Kollmer hit a 3-run homer for the Bubble Boys.

Six Pax 21 (4-1) — Dirty Sox 15 (3-2)

This battle for the first place turned out to be a slugfest. Ken Asselta (5 for 5), Chuck Carlson (4 for 5 and 1 HR) and Bob Vignato (4 for 5, including a HR and a triple) led the potent Six Pax attack. Ed Gill had a homerun and Bob Horton went 3 for 3 for the losers.

League III

Circuits 20 (5-0) — Medical 4 (2-3)

The Circuits displayed good pitching and good hitting as they defeated Medical. "Woody" 4 for 5 (with a triple), Art Lippman and Jeff Gaffney each 4 for 5 and Sol Pearlstein 3 for 4 led the Circuits onslaught. Big John Schmidt had two homeruns for the winners.

Phoubars 16 (2-3) — Sweathogs 2 (1-4)

The Phoubars scored 8 runs in the 1st inning with the aid of 6 walks to coast to their second victory of the season.

League IV

Power Packers 25 (1-2)

Charlie Browns 14 (2-1)

Power Packers 4 — Charlie Browns 17

The Charlie Browns and Power Packers split a doubleheader last Tuesday night. Al Nathan, George Malcolm and Mel Bannano (2) hit homeruns for the winners. Bannano also had 5 R.B.I.'s and Pete McHugh had 4 hits for the Charlie Browns. Pitcher John Spaggins only allowed the Power Packers one earned run in the second game.

The Streakers (2-0) vs. Nuke Powers (0-2) game was postponed by the Nuke Powers due to Lab business.

League V

Turkeys 17 (2-3) — T.N.T. 6 (0-5)

Despite the serious handicap of playing without "top gobblers" M.L., O.L., and D.G. the Turkeys rallied in the 2nd, 4th and 7th innings to defuse the T.N.T.'s for a final score of 17 to 6.

Diamonds 6 (3-2) — Balls & Strikes 7 (3-1)

No highlights available.

Oh Kays 25 (5-0) — Odd 15 5 (1-3)

Ruth Faine and Debbie Antonio combined to score 9 runs between them. Debbie also had a double and two triples to help lead the hitting attack. Rosemary Mack made some good plays at second base for the winners. Fletcher Johnson also had a good game as he got on base six times and scored six times.

Cafeteria Menu

Week Ending July 2, 1976

Monday, June 28	
Corn Chowder	
Beef Liver & 1 veg.	1.10
Scrambled Eggs, Sausages, & fr. fr.	1.05
Tuesday, June 29	
Beef Noodle Soup	
Knackwurst & Sauerkraut	1.05
Sauerbraten & Potato Pancake	1.30
Wednesday, June 30	
Cream of Potato Soup	
Beef Chop Suey on Rice	1.05

Special

Davy Jones Fish Fry \$1.40 plus tax

Thursday, July 1	
Chicken Vegetable Soup	
Cheese Ravioli & 1 veg.	1.00
Roast Chicken, Stuffing & 1 veg.	1.10
Friday, July 2	
Fish Chowder	
Spaghetti & Clam Sauce	1.00
Breaded Pork Chop & 1 veg.	1.30

Classified Advertisements

Placement Notices

Each week the Personnel Office lists personnel placement requisitions, currently being processed. The purpose of these listings is, first, to give notice of all non-scientific staff positions being filled and, second, to give employees an opportunity to request consideration for themselves through the Personnel Office. In filling vacancies, the Laboratory's objective is to give first consideration to present employees, as follows: employees within the immediate group having the vacancy, employees within the department or division, employees within the Laboratory as a whole.

For further information regarding a placement notice, or to request consideration for an available position, contact Supervisor, Personnel Placement & Development, extension 2874 or 2882.

136. RESEARCH SERVICES ASSISTANT - Medical Department.

137. MESSENGER - Application deadline: July 5, 1976. Staff Services Division.

138. GENERAL COMMUNICATIONS CLERK - Under general supervision performs communications service duties utilizing radioteletype, cryptographic equipment, addressograph and other office machines. Maintains office records and files and processes mail. Application deadline: July 5, 1976. Staff Services Division.

139. SENIOR COMMUNICATIONS CLERK - Under minimum supervision, performs duties requiring total familiarization with all Laboratory communication services. Will assist in the coordination and direction of work within the unit and may be assigned as Cryptocustodian. Application deadline: July 5, 1976. Staff Services Division.

140. ADMINISTRATIVE SERVICES SUPERVISOR - Responsible for supervision of mail room and wire service functions and for providing assistance in the preparation, coordination and submission of required Division reports. Staff Services Division.

141. TECHNICIAN - Part time position. Tandem van de Graaff operations. Physics Department.

Autos & Auto Supplies

CAR RADIO - FM, reasonable. 589-1069 after 6.

74 CHEVY - Vega, excel cond, low mileage, snows, auto, extras. \$2200. 744-0331 after 5.

67 VOLVO - P 1800, needs work. \$600. 981-4207 after 7.

66 CADILLAC - Fleetwood, 4-dr, ac, ps/pb, good cond, fair tires. \$425. Ernie, 281-7873.

66 PONTIAC - GTO, green-black vinyl top, ps/pb/pw, radio, good tires, excel cond. \$800. Lou, Ext. 4605.

69 PONTIAC - GTO w/'72 V8 engine, good overall cond, dependable trans, fully equipped. Ext. 4671 or 924-6073.

67 MERCURY - Cougar, ac, ps, new brakes, good cond. \$750. 732-3681.

64 RAMBLER - American, auto, excel runner, high mpg, body poor. \$250. Harry, Ext. 3783.

RACING DIRT BIKE - Bullaco, 225 cc, class mx, winner eastern LI, new gear box, front fork, seals, rings. \$450. 698-9733 after 6.

72 VW - Super, am/fm, std shift, rear window defogger, silver blue, 39,000 mi. \$1400. S. Kiss, Ext. 2048, 588-1889.

51 WILLYS JEEP - Sedan, for parts, equipped w/10" split rims and beach tires. \$125. Dave, 878-4448.

69 PLYMOUTH - Barracuda, ps, radio, black w/vinyl roof, red interior, very good cond. \$990. 473-0775.

68 CHEVY - 327 engine, 4 dht, ps, ac, am/fm stereo. \$300. Wells, 878-4214 eves.

TIRES - Mounted on Dodge/Chrysler rims, H-78-14, heavy duty white walls, 2 reg, 2 snows. \$50 for all. Lola, Ext. 2265, 289-0567 after 6.

68 DART - 6, manual trans, running, needs good home, make offer. Tom, Ext. 4183.

66 DATSUN - Pickup, some rust, old but good. \$375. 588-5833.

68 T-BIRD - 4-dr, Landau, fully equip, well-maintained, must sell. \$975. Ray, 281-6850.

72 FORD WAGON - Gran Torino, good cond, a/c, auto trans, ps/pb, 18,000 mi on rebuilt 351 eng. Best offer over \$900. Ext. 3524/3181.

15" RIMS - From Mercury model car, had H78-15 tires on them, numbered w/5, 67 & KW, excel cond. \$4 each or \$7 pair. John, Ext. 2242, 286-1348.

2 SNOW TIRES - D78-14, w/rims, will fit Dodge Dart, Gremlin & similar wheels, good cond. \$8 each or \$15 pair. John, Ext. 2242, 285-1348.

72 MINI MOTOR HOME - 8000 mi, all appliances new, self-contained. \$7500. Bob, 473-3987.

18' HOUSE TRAILER - Self-contained w/hitch. Eddie, 924-4789 after 5:30, weekends.

72 HONDA 70 - Road & trail bike, good cond, low mi. Ext. 4132, 924-4328.

75 MGB - Deep red, twin su's, Pirellis, tonneau, 20,000 mi, excel cond. \$4500 firm. Owen Jones, Ext. 2599.

73 HONDA CB - 350, elec start, excel cond, 9000 mi. \$650. Alan, 653-4632.

68 VW BUG - For parts, almost new tires, muffler system, fuel pump, front brakes, other useable items. \$200 or best offer. Sharon, Ext. 3995.

2 SNOW TIRES - & rims, G70-14 for GM. \$25. 924-4962.

RIMS - (2) 13", \$3; (2) 15" VW, \$5. O. Booker, Ext. 4719.

72 SAAB - 99E, 4-dr, stick, injection, steel radials, mounted, studded radial snows, Blaupunkt am/fm radio. \$2000. Bill, Ext. 2603, 2696.

Boats & Marine Supplies

16' FIBERGLASS - Tri-hull bow rider, 35 hp motor, trailer, many extras, dealer maintained, ready to go. \$850. 283-0475 after 6.

17' CLAMBOAT - Watertight deck, 40 hp. \$900. 286-1219.

14' DURANAUTIC - '74 offshore aluminum w/'74 20 hp Mercury eng, '73 galvanized highland trailer, extras, used 20 times. \$1000. Burt Woods, 744-7370.

32' CRUISER - Completely equipped, in water, fly bridge, pulpit, screens, Nordberg eng. R. Damm, 878-2067.

16' WOOD BOAT - 25 hp elec start motor & legal trailer, ready to go. \$550 or best offer. 928-2803, Sat or after.

18' CRUISE-CRAFT - Fiberglass, 70 hp motor, trailer, in water, ready to go, many extras. \$1800. Bill Espensen, Ext. 3992.

13 1/2' SAILBOAT - Blue-J, fully equipped w/cox tilt trailer, ready to sail. \$525. Richard, Ext. 4396, 288-2457.

Miscellaneous

ELEC KILN - On firebrick & dolly, extras. \$65. Helen, 588-3779 after 5.

COUCH - Red plush velvet, best offer. Steven Kiss, Ext. 2048, 588-1889.

HI-FI - Dyna FM tuner, preamp, 40 w amp, Bozak speaker, suitable for elec guitar, etc. Osgood, Ext. 3978, 286-2561.

ANTIQUA CHAIRS - 2 high back dining chairs, need caning & refinishing, also misc occasional tables. Osgood, Ext. 3978, 286-2561.

DESK - Large wooden desk, 50x34, \$30; wall mirror, 55x34. Osgood, 286-2561. Ext. 3978.

BEDSPREAD - Green & gold, full size, excel cond. \$15. 744-6288 after 6.

LAMPS - '40's vintage, Paul Hanson designed, green, good cond but shades faded. Best offer. 744-6288 after 6.

BEDSPREADS - 2 king size, 1 wash & wear, \$20 & \$15; 1 double w/matching drapes, \$10; 2 matched singles, \$5 each. Ext. 4362, 744-7667.

FLOORED TENT - 9'x11', complete w/poles & pegs. \$35. Ext. 4362, 744-7667.

CAR STEREO - 8-track tape player w/sliding lock mount, like new, \$30; blacklight bulb & 18" fixture, \$20. 589-1069 after 6.

MARANTZ AMPLIFIER - Model 2230 stereo receiver, 2 yrs old, N & L 3-way speakers, 12" main. Everything, \$350. 475-6231 eves.

FURNITURE - Moving, must sell end tables, youth bed, dressers, etc. Osgood, Ext. 3978, 286-2561.

COLLIE PUPS - \$125. Gary, 369-2763.

DESK - Small wood, built-in typewriter stand, 3 drawers, \$25; wrought iron fish tank stand, \$5. Joe, Ext. 4261.

ALUMINUM WINDOWS - (9) 62" high, varying widths for 9x12 porch w/mullions self-storing screens. \$150. 289-0687.

REFRIGERATOR - W/freezer, 10 yrs old, Westinghouse, \$50; GAF Super 8 camera, ST 100, 6/1 power zoom, cds through lens, etc. \$50. 751-7078.

COLOR TV - 22" RCA table model, new picture tube w/2 yr guarantee. \$200. Richie, Ext. 4254, 734-7342.

PRINTING CALCULATOR - SCM Marchant, multiply, divide memory, 2 storage registers, adj decimal, orig over \$1000, factory recon. \$250. Curtiss, Ext. 4608.

LAWSON SOFA - 88", crushed velvet, wedgewood blue, also burnt, orange occasional swivel chair. \$245. 475-1232, 475-1254.

RANGE - Bottled gas, 30" Caloric, almost new. Asking \$200. 585-7094 after 6.

ALASKAN SHIRT - By Woolrich, grey wool shirt/jacket, mens large size, excel cond. \$12. 286-0384.

SKIS - 185 cm, Rossignol Strato 105 w/Saloman 404 bindings, good cond. \$75. 286-0384.

DINING ROOM SET - Contemporary, walnut, table, leaf, pads, 6 chairs, breakfront, beautiful cond. \$475. 473-0871.

BEDSPREAD - Double bed, used 2 mo, Indian design by Vera. \$50 new, will sell for \$30. Ext. 3131.

LAWN MOWER - 26" fiding rotary mower, b.s. engine, 8-hp, 4-spd, excel cond. 286-8952.

BOOKS - Fiction & non-fiction, many new, paperbacks 10¢, hardcovers 25¢. R. Williams, Ext. 4259, 4207.

STUDIO COUCH - Very good cond. \$30. 475-2806.

GE FREEZER - 21.1 cubic ft copper tone, excel cond, used only 4 months. \$275. Ext. 2441, 281-1220 eves.

BAND SAW - Craftsman, \$75; jig saw, 24" throat, commercial. \$75. Andy, 281 8274.

OAK BARRELS - 55 gal, make wine or cut in half for 2 planters. \$15 each. 286-8119.

WASHER - RCA Whirlpool, super supreme, 2 spd, 5 cycles. \$125. 281-3205.

STORM WINDOWS - Assorted wooden windows & screens. \$3 each. John, Ext. 4666, 324-0220.

CANON FTb - F1.4 lens, 135mm f3.5 lens, skylight filter, polarizing filter, cases, like new. \$375. Paul, Ext. 2087, 751-3578 eves.

SHOES - Brown leather, brand new, men's 9M, \$15; men's shirts, brand new, long sleeved, 15-33, brown & 15-34 white. Ext. 3609.

SHIRTS - Brand new, long sleeved green, 15, \$3 each; men's med blue pullover shirt, \$3. Ext. 3609.

TENT TRAILER - Apache, eagle, add a room, Lp gas, heater, stove, extras, must see. 286-3363.

RABBIT - 1 yr old white albino, cage & water bottle included. Make offer. Dick, Ext. 3910, 732-7564.

SOFA - Early American wing back, 84", sturdy frame, needs reupholstering. \$40. Dick, Ext. 3910, 732-7564.

SURFBOARD - Hobie silver bullet, very good, 7'6". Make offer. Ted, Ext. 4163, 4126.

COPYMATE III - Dry copier, make offer. Ted, Ext. 4163, 4126.

WASHER - Portable Maytag, 24"x15"x30", fits in a closet. \$65 or best offer. 751-1408.

19' TRAVEL TRAILER - Sleeps 6, hot water heater, shower, awning, extras. \$1800. 289-1505.

SPRING COAT - Melon, size 12, \$8; bone pantyhose, 5'10", 50¢. Ext. 3609.

SPRING COAT - Size 14, good cond, \$8; brown & blue jeans, new, 34-32, \$5 each. 744-5871.

LIGHT FIXTURES - Pull down type, w/glass, \$5; w/o glass, \$4; 2 plant hangers, \$3 each. 744-5871.

KITTENS - (5), 3 females, 2 males, 4 wks old, ready for adoption in 2, various color patterns, 281-4549.

RED MAPLE TREES - 2 & 3 feet tall. Marion V. Kaminski, 928-9295.

ELECTRIC KILN - Extras, dolly, firebrick, glazes & stains, 12x12 size. \$65. Helen, 588-3779.

YORKSHIRE TERRIER - Shots complete, male, diminutive, 16 weeks, AKC, health guaranteed top quality, reasonable. Ext. 2902, 475-2627.

RECORD CHANGER - BSR, stereo, 4 spds, w/cables & dust cover. \$25. Ext. 4240.

RADIATORS - Cast iron, various sizes & widths. 363-6940 after 5.

CB ANTENNAS - (2) 102" stainless steel whip w/spring, w/o mount. \$5 each. Paul, Ext. 2023.

OSCILLOSCOPE - EICO 460, Heathkit test chassis model EF-2, all manuals, all brand new in cartons. \$125. Paul, Ext. 2023.

MILLIAMETER - EICO 565 volt-ohm milliammeter, new, never used. EICO list price \$49.95, will sell for \$35. Paul, Ext. 2023.

DAISY PLANTS - Shasta perennial, giant hybrid, fresh dug. 75¢ each. Fred, Ext. 4613.

MOTOR HOME - '72 mini motor home, 8000 mi, all appliances new, ps/pb, auto, self-contained. \$7500. 473-3987.

REFRIGERATOR/FREEZER - Admiral, side-by-side, frost free. \$125. 281-4080 eves.

SLIDING GLASS DOORS - 72" wide w/safety glass, \$75; shower doors w/swan design, \$35. 281-9853 after 4.

METZ STEREO CONSOLE - Record palyer, am/fm, shortwave, good cond. \$100. 694-6053.

WINDOWS - Assorted single & double sizes w/storms & screens. John, Ext. 4076.

TV - 19" b/w, \$50; hair dryer, 1000 w, Gillette, \$15; elec alarm clock, \$5; camping stove, Coleman, \$15. Jorma, Ext. 3524, Ext. 3181 eves.

DOOR - Solid core, will make excel table or desk, 36"x84"x1 1/4". 981-1195 after 5.

2 COLONIAL RUGS - 9x12 and 2x3, floral pattern, brown, tan, rose, green & blue, excel cond. \$125. 981-1195 after 5.

POOL - Above ground, 15'x4', good cond, filter, 2 covers. Asking \$150. Lloyd, Ext. 3381, 286-1024.

LAWN MOWER - Ride-on type, 5 hp, excel cond. \$190. Ext. 3593.

16' PACER TRAILER - Self-contained, toilet, refig, stove, sleeps 6. \$1000. 324-4972 after 6.

COLOR TV - Console, GE, 21", good cond. Ext. 3392.

SHOTGUN - Savage, 12 ga, pump, like new. Cost \$110, will sell for \$75. Harold, 298-4345.

ICE BOX - Extra large aluminum, 30"x13", like new, \$20; Coleman gas stove, 3 burners, \$17.50. Ext. 3156.

SIAMESE KITTENS - Seal-point. \$20.00. 473-2588.

TANDEM BIKE - Almost new; dining room & bedroom sets, pool filter & pump, 15" tires, baby furniture. Pat/Dan, 277-1284.

TRAVEL TRAILER CURTAINS - Old gold antique satin, 7", standard size, all hardware incl tracks, from Winnebago. \$5. 286-8805.

Ads left out of this issue because of lack of space need not be re-submitted in order to run in next week's issue

Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, creed or national origin of the applicant.

For Sale

SETAUKET - Spacious 4 bedrm, 2 bath ranch, family rm w/full wall fireplace, skylights, eat-in kitchen w/self-cleaning oven, full basement, 2 car garage, patio, heavily wooded. 751-7416.

WADING RIVER - Near Sound, fully deeded beach rights, 6-rm ranch, 2 bdrm, bath, oil-hot water heat, fireplace, full basement, rear patio, taxes \$988/yr. Asking \$44,000. 929-6465.

SHIRLEY - Smith Rd, 3 bdrm ranch on 1 acre, w/w carpet, storm & screens, alot of extras, must see, assumable mortgage. \$36,000. 281-1458.

MANORVILLE - 5 acres, country style 4 bedrm Cape Cod, living rm, eat-in kitchen, full basement, enclosed back porch, 2-car garage, separate cottage, 2 storage bldgs, beautiful landscaping, 10 mi from Lab. 654-0863, 475-9480.

CORAM - 4 bedrm colonial, 1 1/2 baths, lg eat-in kit, dining, s/s, full basement, garage, patio, 1/2 acre, treed/landscaped, neat & clean. 698-2030.

SHOREHAM - Cape Cod, 3 bedrms, den, living rm w/fireplace, dining rm, 2 baths, w/w carpeting, s/s, 2-car garage, 1/2 acre, beach rights. \$60,000. 744-8949.

PATCHOGUE VILLAGE - 3 bedrm ranch, expansion attic, finished basement, most appliances, country kitchen, attached garage, exterior maintenance free. \$34,000. Ext. 2290, 475-7694.

SETAUKET - Colonial, water view, 4 bedrms, living rm w/double glass doors overlooking little bay, 1/2 acre, 2-car garage, full basement. (212) 737-2759.

BELLPORT - Raised-ranch, 5 bedrm, 1 1/4 bath, 100x165 lot w/large garden, 8 yrs old. Osgood, Ext. 3978, 286-2561.

For Rent

VERMONT - Chalet, sleeps 12, all conveniences, lake swimming, fishing, hiking, located on 500 acres woodland, nearby theatre, Marlboro music, horse-back riding, golf, tennis, rented weekly, monthly, seasonal. 757-5599.

MEDFORD - Furnished room, private entrance, avail July 1. 654-0796.

CENTER MORICHES - 3 bdrm house, living & dining rms, 1 1/2 baths, many closets, garage, w/w carpeting, 3/4 acre, laundry rm. \$275 + util. 399-0133.

BLUE POINT - 1 bdrm apt, util incl. \$230/mo. Ext. 3082.

SHIRLEY - 2 bdrm house, secluded, 1/2 block from public beach, ref required, occupancy from about mid-July. 281-1546.

WADING RIVER - New 3 bedrm hi ranch, 3 blocks from water, private beach, avail Aug 1, yearly rental. \$350/mo. Ext. 3121, 744-5261 after 6.

VERMONT - 3 bdrm mobile home on 10 acres, close to golf, tennis, fishing, avail weekly or weekends. Bob, 473-8186 after 6.

E PATCHOGUE - Spacious, furnished 3 bdrm house for 1 yr rental starting Sept. 1. 289-3023.

ROCKY PT - 3 bdrm ranch, living rm, dining, large kitchen, full basement, washer/dryer, fenced yard, near beach, 15 min to Lab. Will also consider for sale. Ext. 3599, 744-4988.

Carpools

MILLER PLACE - Driver needed. Susan, Ext. 3609.

Wanted

HELP - To send 4 needy kids to Boy Scout Camp for 1 week. Ralph, Ext. 4171.

OUTBOARD MOTOR - Approx 35 hp in running cond. Dick, Ext. 3273.

TRUMPET - Gor beginner, reasonable. Lou, Ext. 2302.

ALTO SAXOPHONE - For beginner, reasonable. 286-3508 after 6.

KITTENS - 5 wks old, mixed colors, avail in 1 week, 3 females, 2 males. 281-4549.

SMALL CAR - Automatic, \$500-\$1000 range. Wally Hersey, Ext. 4574, 265-6326.

HOME - For 4 white kittens not albinos, weaned, used to outdoors. 929-4522.

DEHUMIDIFYER - Working cond. Tom, Ext. 4183.

LIVE-IN BABYSITTER - Mature woman for November, references required. Ext. 3480, 473-8717 after 6.

HOUSEKEEPER - Part time for summer, Shoreham. 744-8766 after 6.

HOME - For beautiful Irish setter, 15 mo old, house trained, excel disposition, good w/children. 924-3170.

PARTS - For older Kirby vacuum cleaner, need bag, brush for head, etc, must be cheap. John, Ext. 2242, 286-1348.

EXPERIENCED TENNIS PLAYER - Intermediate to advanced, able to play 3 or more times a week. John, 472-1735.

USABLE HEAD - For '69 VW Bug, to rebuild, '67 or '68 will also fit. Ext. 4244.

Services

LIGHT HAULING - Yards, cellars, garages cleaned. 727-1329