



BROOKHAVEN BULLETIN

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Salt Water Ecology



Two members of the Brookhaven Biology Department take bottom samples of Moriches Bay during a recent sunny afternoon. The 16-foot Lyman boat powered by a 60 horsepower motor is kept at the Lab and trailered to Forge River for launching whenever samples are to be collected for an ecology study. —Humphrey

Expectant Mothers' Class

A new series of classes for expectant mothers will be conducted by the Suffolk County Department of Health starting Monday, September 21, from 2:00 - 4:00 p.m. at the Health Department, County Center, Riverhead.

The six-week course will be conducted by Mrs. Dorothy Krouse, a Public Health Nurse, and will give the expectant mother information about her pregnancy and what may be anticipated during her confinement. It will include discussion on human reproduction, preparation for labor and delivery, nutrition, care of the infant, breast feeding, formula preparation, and demonstrations of bathing the baby. A tour of the maternity division of a hospital will be made during the course.

All pregnant women are welcome, particularly those expecting their first baby. Further information may be obtained from the Riverhead office of the Health Department, telephone 727-4700, extension 373.

Public Sale Of Motor Vehicles

Three motor vehicles, located at Building T-87, will be available for Public Sale.

Inspection will be permitted from September 14th through September 18th, during the hours of 9 a.m. to 4 p.m., except Saturday and Sunday. Bid opening will be held on September 23rd, at 2 p.m.

Bids will be opened at General Services Administration, Business Service Center Bid Room, 26 Federal Plaza, New York, New York, 10007 Tel.: Area Code 212, 264-2637.

This will be an informal competitive bidding. Bid forms may be obtained at buildings 87 and 211. For further details, please call Extensions 2509 or 2704.

Dye Used in Study Of Sound Tidal Currents

Oceanographers of the Marine Science Research Center at the State University of New York at Stony Brook will conduct a tidal current survey of the waters adjacent to David Island near New Rochelle, in Long Island Sound, September 8-17, using a harmless green dye. A preliminary test of the dye and equipment will be made in Port Jefferson Harbor on September 3 or 4, depending on weather conditions.

The green dye, biologically inert dye Rhodamine 8, is completely harmless, Dr. Peter Weyl, Professor of Oceanography at the University and Director of the Project, said. The tests are being conducted in cooperation with the U.S. Coast Guard, the Port of New York Authority and all concerned local agencies.

The study of the waters around David Island is being made by the Center in conjunction with an exploratory survey by Battelle Northwest Laboratories. The Island has been proposed as a site for a nuclear reactor on Long Island Sound. "Very little is known of the currents in the David Island area," Dr. Weyl said. "The currents there are complex because of the presence of several small islands. The direction of these currents must be established in order to evaluate possible environmental effects of a reactor in the area."

Information gathered in the study will also be of use to the Marine Science Research Center in its current major study of the environmental effects of steam electric generating plants elsewhere on Long Island Sound.

In the David Island test, commonly called a "ground truth test," the movement of the dye in the water will be photographically recorded by a low flying airplane during the ten days of the study.

Biology Baymen Clam For Science

To some people it may seem odd that a BNL truck would be pulling a 16 foot boat on a trailer along William Floyd Parkway headed for Moriches Bay on a workday.

The two men riding in the truck look like fishermen, and the boat has a clam rake and a fast outboard and it is a good day to be out on the bay instead of working back at the Lab.

But for Joel O'Connor and "Skee" Houghton, it is just another day for collecting samples for a Brookhaven ecology study. The only catch of the day will be some clams, worms and starfish as well as some mud and grass and perhaps a few horseshoe crabs. At the end of a long day in the sun, they will return to the Lab with some jars of samples of bottom life pickled in formaldehyde. There is no fish fry and no clams-on-the-half-shell smothered in hot sauce.

The study of Moriches Bay has been going on for about two years now, and takes place all during the year except when the ice is too thick to launch a boat. Each sampling session lasts about a week, with about three weeks devoted to lab work back at Brookhaven.

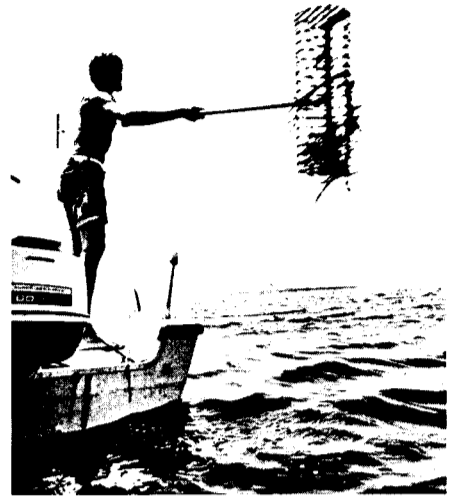
Each sample taken from the bottom of the bay takes from 15 minutes to three hours to obtain, and from one to three days back at the lab to analyze. All samples larger than 1 mm are retained, and so far more than 260 species have been identified. Some of the little known species are shipped to Woods Hole for classifications, and several of the rarer ones have been kept at Woods Hole for display.

At each of the randomly selected sampling locations, the biologists first take a reading of the temperature and the salinity of the water, and then sample the material found on the bottom. All types of bottoms have been included in the 80 locations sampled so far, ranging from mud to sand.

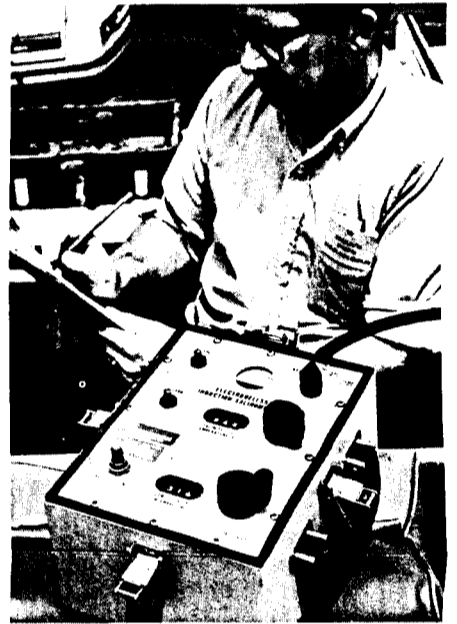
What happens to the data collected? According to Dr. Joel O'Connor, several papers are presently being written, and the end result will be a description of the community structure of the bay according to the number and quality of the invertebrates found there. New methods of sampling developed by the team will lead to the formation of guidelines for future sampling techniques.

The consequences of dredging should be indicated by the data, as well as the impact of duck wastes, other types of bottom and the abundance of eel grass.

Aside from the possibility of a bad sunburn, the only hazards that face the ecologists are the occasional fogs that envelope them and the sudden squalls that make them happy to have a 60 horsepower outboard motor to bring them back to shore. All navigation is done with a hand com-



Joel O'Connor records results of a salinity test at one of the sample locations.



Houghton empties the clam rake before taking a new bottom sample.

pass, and shore points are used to fix locations.

Occasionally a fisherman will stop by to ask what is happening, but most people assume that they are just another crew of fishermen out for a day's outing on the bay.

So the next time you see the "Biology Navy" leaving the Lab for a day out in Moriches Bay, don't volunteer to go along and help unless your back is strong enough to stand pulling a clam rake all day!

Soviet Technical Education

Commander G.C. Edwards, of the Scientific and Technical Intelligence Center of the Navy Department, will give a talk on Soviet Technical Education on Wednesday, September 9, at 7:30 p.m. in Berkner Hall. The lecture will be sponsored by Naval Reserve Research Company 3-9.

Commander Edwards has a background of education in international relations and Russian language studies. As a member of the faculty of the Naval Science School he has taught courses in Russian history, USSR-US Relations, and Naval Intelligence.

Members of the staff and other employees of BNL and their guests are invited to attend this lecture.

Center-Cafeteria Schedule

The Brookhaven Center will be closed on September 5th and 6th. It will reopen on Monday evening September 7th. The Cafeteria will maintain normal holiday hours, 9:00 a.m. to 2:00 p.m. on September 5th, 6th and 7th. The food vending machines will be in operation throughout the Labor Day weekend.

Safety Equipment

Safety shoes will be issued on Mondays from 1:30 to 4:30, and on Thursdays from 9 a.m. to 12.

Takes New Job



George A. Jackson, Administrative Assistant in the Medical Department since 1961, has left Brookhaven Laboratory to take a new position as Administrative Assistant in the South Huntington School District. Mr. Jackson started at BNL in 1958 in the Personnel Office, and at one time was editor of the Bulletin Board. For the past 9 years Mr. Jackson has been a member of the Hicksville School Board, and has served as both President and Vice President of that body.

Biology Baymen



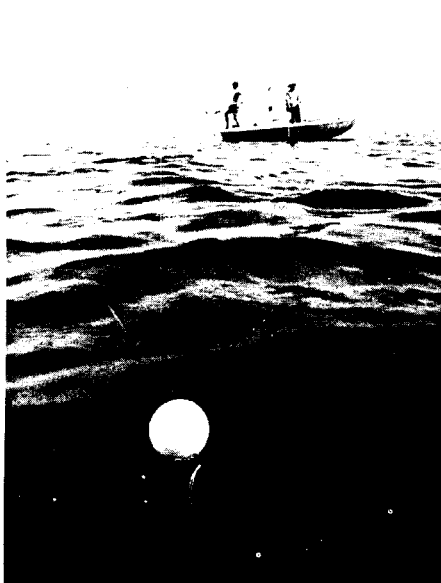
A typical haul from one of the random sample points at the bottom of Moriches Bay makes an interesting still life for the photographer.



Skee Houghton perches precariously on top of the outboard while dredging the bottom with a clam rake.



Each sample point is marked on a chart for future reference to avoid duplication.



A plastic marker buoy defines the area to be sampled by Joel O'Connor and Skee Houghton.

Mrs. Kevey Winner In Ladies Singles

Mrs. Andrew Kevey defeated Mrs. James Stangby in three sets, 11-9, 1-6, 6-1, to take the championship of the Ladies' Singles competition of the 1970 BERA Tennis Tournament, last Wednesday, August 26. The match, which had started on Monday, August 17, had been delayed by a rain shower at 5 o'clock, and, consequently, had to be suspended because of darkness after completion of the first set.

Both ladies appeared to be evenly matched throughout the long first set. Mrs. Stangby was most effective when hitting winners with deep, forehand, cross-court shots, while Mrs. Kevey was scoring by applying persistent pressure on her opponent's backhand. When the match resumed on Wednesday, Mrs. Stangby seemed to be fully in command initially. However, by the start of the third set, Mrs. Kevey's persistent and consistent returns began to prevail, finally swinging the balance in her favor.

Mrs. Kevey elected to serve at the start of the match and quickly built up a 3-0 lead before Mrs. Stangby succeeded in holding service in the 4th game. Both ladies failed to hold service in the next two games. Mrs. Stangby, at this point down 2-4, rallied strongly to take the succeeding two games and even the score with a love 8th game. Winning her next service game at love, Mrs. Kevey started a see-saw battle which continued for ten more games, and which saw the lead in games change hands three times, before she pulled ahead for the last time at the conclusion of the 19th game. Mrs. Stangby twice held the advantage in the 20th game before Mrs. Kevey succeeded in breaking service to take the set. Earlier, during the 14th game, Mrs. Kevey had been forced to fight back from set point two times before she was able to break service and deuce the game score.

In the 2nd set, after Mrs. Kevey held service in the first game, it was all Mrs. Stangby. She lost only 7 points in the remaining six games, winning the 3rd and 6th games at love.

Mrs. Kevey's consistent play began to dominate at the start of the final set. A double fault, at 30-all in the first game on Mrs. Stangby's service, set the stage for a service break on the next point. The second game reached deuce twice before Mrs. Kevey held. In the third game Mrs. Kevey succeeded in breaking service. Mrs. Kevey took the 4th game at love. After Mrs. Stangby had held service in the 5th game, Mrs. Kevey was able to hold Mrs. Stangby to no more than two points in each of the remaining two games to win the deciding set.

Softball

by Jack Brennan

Brookhaven League

The Old Timers won the Brookhaven League, cooling off the Dirty Sox 13-6 in the playoff game. Jimmy Roesler and Don Cassidy hit homeruns for the Old Timers. The Old Timers bats this year were led by Jimmy Roesler's .550 batting average. Les Lawrence, Walt Reams, Don Cassidy, Jim Hooper and Skelly Frei were the other big bats in the Old Timer lineup. On defense, the Old Timers were strong up the middle with Lawrence and Roesler as a short stop-second base combo and Bobby DiLello in center field.

National League

Metallurgy won the National League, beating the Bubble Boys 24-6. Jack Crow went 5 for 5, including a home run and a triple for the winners. Rube Goldstein and Lew Snead also hit hr's for Metallurgy. The big bats for Metallurgy were Andy Cendrowski, Tom Holmquist, Jack Crow and Jim Brandon, with Lew Snead hitting the long ball. The left side of the infield with Crow and Brandon was Metallurgy's strong defensive point and Bob Jones supplied fine pitching throughout the season.

Laboratory League

Chemistry won the Laboratory League by winning both halves and posting the best record on the softball fields at the Lab; a 14-1 record. The big bats for Chemistry were Jim Edmonds, Tom Iarocci, Doug Fay, Doug Turner and Fred Ross. On defense, Turner at second, Fay at short, Edmonds and Dick Seebeck in the outfield were the winner's strong point.

Bowling News

Grace Fales

A meeting of all Captains has taken place and the rules for each League discussed. There were 16 team entries for the Red League at Port Jeff. It was voted to split the 16 teams into 2 Leagues. There will now be a Red and Green League at Port Jeff, along with the Ladies Pink League, for a total of 22 teams.

Port Jeff has a House policy of switching Leagues from the low end to the high end and vice versa. It has been agreed that the BNL League will bowl on lanes 1 thru 22. The following set-up is for the 3 Leagues involved.

Red League:

- 1st half - Lanes 1 thru 8
- 2nd half - Lanes 15 thru 22

Green League:

- 1st half - Lanes 15 thru 22
- 2nd half - Lanes 1 thru 8

Pink League:

- Both halves - Lanes 9 thru 14

Bowling starts on September 15th at Port Jeff, and September 17th at Maggio's. (There are still a few openings for substitutes. If interested, contact the Recreation Office, Ext. 391).

Cafeteria Menu

Week Ending September 10, 1970

Friday, September 4	
Clam Chowder	
Codfish Cakes w/Tomato Sauce & 1 Vegetable	.85
Baked Beef Loaf w/Onion Gravy & 1 Vegetable	.80
Fish N' Chips w/Tartar Sauce & 1 Vegetable	.75
Monday, September 7	
Labor Day	
Tuesday, September 8	
Beef Barley Broth	
Barbecued Roast Pork w/1 Vegetable	.80
Grilled Frankfurters w/Boston Baked Beans	.70
Cheese Soufle w/Broiled Bacon Strips & 1 Vegetable	.80
Wednesday, September 9	
Cream of Mushroom Soup	
Corned Beef & Cabbage w/Boiled Potato	.95
Fried Haddock w/Tartar Sauce & French Fries	.90
Hero Meat Balls on Noodles w/1 Vegetable	.80
Thursday, September 10	
Onion Soup With Croutons	
London Broil w/Mushroom Sauce & 1 Vegetable	.85
Chicken Chow Mein on Rice w/Crisp Noodles	.75
Baked Lasagna w/Tossed Green Salad	.90

Here and There

Claire Lamberti

Dr. Stephen Feldberg (DAS) will visit the Department of Inorganic Chemistry, University of Warsaw, Poland and the Institute of Physical Chemistry, Polish Academy of Science, Warsaw, September 1-4, 1970. The week of September 7, he will present two invited lectures at the Rudjer Boskovic Institute, Zagreb, Yugoslavia.

Donald F. Koenig (Biology) is on a year's leave of absence to the Institute of Inorganic and Physical Chemistry of the University of Stockholm, Sweden, to serve as consultant to the group directed by Prof. P. Kierkegaard, who are entering the field of protein crystallography. He will also have facilities at his disposal to continue studies of pituitary hormones and associated proteins.

Benno P. Schoenborn (Biology) recently presented a seminar on "Neutron diffraction of biological systems" at the Physiology Division, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts.

L.G. Stang, Jr., Barry Gordon, Elliot Lebowitz, William Eckelman and Clemens Auerbach (all DAS) will attend the 160th National ACS Meeting in Chicago, Illinois from September 13-18. L.G. Stang, Jr. will present an invited paper; Barry Gordon and William Eckelman will also present papers.

Family Camping Club

There will be a campout at the Recreation Park camp grounds on the 4th, 5th, 6th and 7th of September. A potluck supper on the 5th will be a feature event.

Arrivals & Departures

Arrivals

Joseph Ash.....	Instr. & H.P.
Robert H. Flora.....	Accelerator
James Z. Ginos.....	Medical
Herbert F. Hain.....	Physics
Charles A.S. Hall.....	Biology
Douglas L. Hunter.....	Applied Math.
Peggy Ann Page.....	Staff Services

Departures

Robert J. Abrams.....	Physics
Harold W. Avent.....	Physics
Alexander I. Baron.....	Mech. Eng.
Robert W. Brown.....	Physics
John C. Chen.....	App. Science
Robert W. Conn.....	App. Science
Teresa S. Dearborn.....	Fiscal
John Dorning.....	App. Science
James B. Healy.....	Physics
Mitsuru Hoshi.....	Medical
Michael T. Hutchings.....	Physics
George A. Jackson.....	Medical
Sylvia Janater.....	Staff Services
Bernard Jefferson.....	Instr. & H.P.
F. Michael Kiely.....	Chemistry
Warren J. Lyman.....	Chemistry
Hugh T. McTeague.....	Mech. Eng.
Timothy Macdonald.....	Biology
Demetris Pandoulas.....	Physics
Robert S. Papa.....	Staff Services
Kanti R. Rai.....	Medical
Robert I. Schermer.....	Physics
John Strohm.....	App. Math.
Michael F. Thorpe.....	Physics
Anne G. Viviani.....	Medical
Pak Kuen Wong.....	Chemistry
Donald H. Wright.....	Mech. Eng.
Bing-Lin Young.....	Physics
Theresa F.Y. Young.....	Medical
Wen-Shi Yu.....	App. Science

In Memoriam

Robert Seaton, retired patrolman in the Security Division, died on August 25, 1970. Mr. Seaton was formerly a New York City policeman for 20 years before coming to the Lab in 1947. He was active in the affairs of the Long Island Guards Union, and at one time served as President of that organization before retiring from the Lab in 1963.



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NORBERT J. DERNBACH
Public Relations Officer

The Inquirer

Question: Why did you grow a beard?

Ralph Nelson, HFBR - I think everyone in my department from time to time does, and I guess it was my turn to do it. My mother went on a three month vacation about four months ago and I think that's what started it. Most of the reactions to the beard have been negative. I like beards if they are trimmed. At first, people made cracks like "Have you had that thing sprayed lately?" Beards are coming more into fashion. I just grew it for the hell of it. It makes my face look thinner.



John Garfield, Photography - I was 22 years old when I started to grow a beard. The only beards around were obviously gray and white and belonged mostly to country doctors. I think I was trying to establish a trademark as a very young man trying to break into professional photography. I shaved my beard off when I went to work at MIT during the war, feeling it would be presumptuous to have one in such grand circles. When I went overseas I grew it again. It produced its share of insulting remarks, of course. I am delighted that beards have proliferated at Brookhaven in recent years, but I deplore the fact that most of them are of no particular type. I feel that many of the contemporary beards need a pogonotomy. Wild hair and beard are a return to nature.

Paul Bosco, Supply and Materiel - I had a beard in 8th grade. I shaved twice a day in 9th grade. I got fed up with that very quickly and I resolved never to shave again. Now I don't have to shave anymore. I have become a conversation piece around here and I wish people had other things to keep them occupied. Women think they liberate themselves by taking off their bras, and wearing shorter skirts, but I just let my hair grow. That is my answer to women's liberation... not wearing ties and things like that. Fortunately men don't have to liberate themselves by getting equal wages and things like that. Hair is a trivial thing, and women are after trivial things now. That's how Women's Lib started.



Murrey Goldberg, DAS - I grew my beard during a Christmas holiday. On New Years Eve I started to shave to go to a party and my wife walked in and said "You haven't the guts to go and be seen at the party that way." What are you going to do when your wife says that? I've had the beard about five years now. My beard is an atavistic throwback to olden times. My family tradition has it that a great grandfather of mine was a renowned Biblical scholar and was rather well bearded. I have the beard today because my wife likes it - my children like it - and I like it! I am a great believer in doing your own thing.

Barney McAlary, Fiscal - I was curious about how I would look with a beard. I grew it during a recent two-week vacation. Most of the office was shocked when I came back to work. Being an accountant, they consider me a member of the establishment and too conservative to take the step. My mother said she would disown me, but my wife and my two sons like it. My 5-year old daughter complains that it scratches when I kiss her. I'm getting used to the second looks everyone gives me now.



Annual Softball Day Draws Record Crowd

The Bayport Fife and Drum Corps marched and played and people kept pouring into the Brookhaven Employees Recreation Park for the Annual Softball Day celebration on Tuesday, August 25. The crowd grew to somewhere over 700 people which presented quite a problem since only 500 were expected to arrive on the scene.

That was only problem number one. The band had a bus breakdown and arrived fifteen minutes late causing a short delay in the schedule. The Ice Cream Man was an hour and a half late causing much unhappiness to the kids. Add to this the fact that only one Hot Dog Wagon arrived. Can you imagine what the Softball Committee was going through during the first part of the evening? However, as usual most of the BNL Gang was in good spirits and the evening went on with long lines, lots of beer, lots of soda, and finally ice cream.



Mike Zguris was presented an award from his team mates for all his past services as Softball Committee Chairman.

Trophies were awarded to the BNL Softball Champions. Accepting were Walt Reams of the Oldtimers, Dave Comstock of Chemistry and Pete Hlavac of Metallurgy. A special award was presented to Mike Zguris for his past efforts as Softball Chairman. Frank Flannery, present Chairman, handled the presentations.

As for the game - no one really knows. The Mixed League teams proved that they could hit and run, while the Men's League showed what five kegs of beer could do.

The highlight of the evening was the arrival of the Ice Cream Man led in by big Walt Chornoma. At this point the kids all charged directly across the infield; a charge worthy of our best western movies with over 200 youngsters heading for Chornoma and the ice cream wagon. Fortunately, Walt got out of the way in time and the ice cream began to flow - 750 bars in all. At the night's end, the ice cream was gone, the beer had evaporated and over 1200 hot dogs had been consumed.

It was a hectic night but then most special events are. Things should improve for next year but then will it be as much fun?

Thanks to the efforts of Pete Hlavac, Walt Chornoma, Frank Flannery, Joyce Terrone, Georgia Irving, George Leverock and Dave Comstock, the evening did wind up on a fun note. A special thank you to the BNL crowd for a good sense of humor and a great display of patience.

Outdoor Volleyball

The construction of an outdoor volleyball court on the far side of the softball fields has enabled a group of enthusiasts to play on Wednesday evenings at 5:15. All interested are welcome.

Call Odelli Ozer on Ext. 2429.

Rifle-Pistol Club

A meeting of the Rifle-Pistol Club will be held on Tuesday, September 8, at 5:10 p.m., in the Recreation Building.

The subject of the meeting will be Fall trap shooting activities.

Independent Bowlers

Former members of the Rose League have not disbanded, but have formed an independent league known as the "Brookhaven Independent Ladies League." Games will be played at the same place as before, the Patchogue Bowling Center. Because of being unable to fill the teams with BNL ladies, outsiders have been accepted to make up six teams.

Softball Annual Affair



The Women's Liberation movement found its way into Softball night this year. For the first time women had the opportunity to show their prowess on the diamond.



Softball Chairman Frank Flannery (left) makes award presentations to Mike Zguris, Pete Hlavac, Dave Comstock, and Walt Reams.



Kids and Mothers had their own fun while the fathers were busy playing an exhibition game.



Frank De Rosa was the only serious player during the exhibition ball game that was played.



Championship captains proudly display their awards. They are: (Left to right) Pete Hlavac, Metallurgy; Dave Comstock, Chemistry; and Walt Reams, Oldtimers.

Classified Advertisements

Positions Available

The Brookhaven Bulletin each week will list job openings which have come to our attention and may be of interest to Lab employees. Each listing will be repeated (if still available) only once.

CLERK II - Department of Applied Science, Computer Applications Group, National Neutron Cross Section Center. Some keypunching and aptitude for dealing with numbers.

LIFEGUARD/RECREATION ASSISTANT - BERA - Senior life-saving certificate or equivalent experience required.

SCANNERS (4 to 12 shift) - Physics Department.

AUTO TRUCK MECHANIC - Staff Services. Application Deadline: September 9, 1970.

For further information, please contact Employment Supervisor Ext. 2109 or 2513.

Autos & Auto Supplies

64 MG MIDGET - Green, r/h, wire wheels w/extra wheels & snow tires. 473-5546.

62 FALCON - Std trans, very good cond, 4 dr htdp. \$250. Agnes, Ext. 2849, Ext. 2791 after 5.

58 PONTIAC - V8, good cond, can pass inspection, must sell. \$50. John, Ext. 2849-513.

66 FORD CUSTOM 500 - 4 dr sedan, auto trans, r/h, white, red upholstery. EM3-6692.

60 CADDY LIMO - Good for taxi service or anyone w/lg family, air cond, excel shape. Pete's Limo Service, 732-7625.

VW TRANSAXLE - \$10. 581-0932 after 6.

12 VOLT ATLAS BATT - Good cond, used 5 mos, 54 plates, 6.2 amp hrs, 8-11/16" h, 13" w, 6 1/4" d. Cost \$30, sell \$15. Charlie, Ext. 451.

69 MGB/GT - Wire wheels, Pirellis, am/fm, heated rear window. B. Healy, 212-879-0984.

68 HONDA CL-350 - Metalflake green. Asking \$450. Bruce, Ext. 2430.

66 OLDS F-85 CUTLASS - 2 dr htdp, V8, auto trans, 4 bbl carb, ps, bkcks, clean. \$895 firm. 281-5289.

SERVICEMAN LEAVING FOR EUROPE - Must sell '68 Ford Cortina GT, std. shift, 2 dr, good cond. 732-3495

6 CYL FORD 232 ENG - & 3 spd trans, good cond. All for delivered price, \$15. HR3-2821.

VW WHEELS - \$3 ea. 581-0932 after 6.

59 CHEVY - Impala V8, r/h, needs muffler, started every morning last winter. \$65, Jack, Ext. 7413, 286-8134.

2-13" TIRE RIMS - '62 Falcon, w/poor tires, 6.50x13. \$2 ea. 286-8119.

68 CADILLAC BROUHM - Pwr, am/fm radio, stereo tape, air cond, 6 way seats, snows. Asking \$4000. Joan, Ext. 2391.

63 FORD FAIRLANE - 6 cyl, auto trans, radio, new batt, generator. \$180. J. Donohue, Ext. 7330, 288-4225.

61 FORD FALCON STATION WAGON - Poor cond but runs. \$50. Culwick, Ext. 7666.

65 MALIBU - Dk blue. good transportation. \$500. 281-6277 after 6.

PORSCHE PARTS - Rubber bumpers, brake pads for 911 or 912; ignition points for 912; all brand new, make offer. Ext. 2924, 473-6570 eves.

FORD GALAXIE CONV 500 XL - Blue/white top, ps/pb, V8 cruiseomatic, am/fm, 4 new tires, new batt, muff & gen, good cond. \$500. Ext. 2524.

68 OLDS 442 - 4 spd Hurst, excel cond, this car must be seen! \$1700. AT9-8236 after 6.

64 GTO - New tires, 4 spd, int good, navy blue. Asking \$600. D. Mahalic, 661-4772 after 6.

65 CHEVROLET STATION WAGON - Std trans, very good. \$875. Ext. 586, 289-3114.

66 CORVETTE STRINGRAY - 327/350 hp, 4 spd, 2 tops, new paint job, am/fm radio, many options, excel cond. \$2600. AT6-8517 after 5-45.

2-14" TIRE RIMS - For '62 Pontiac, w/usable snow tires mounted on them, \$3 ea; 1-14" rim for '59 Chevy, \$2. Jack, Ext. 7413.

66 IMPALA - 2 dr htdp, new brakes, clutch, batt, carb, rebuilt head (valve job), must sell. 281-8622 after 6.

2-8.45x15 SNOW TIRES - On Olds rims. \$15. Ext. 2987.

66 VW SQUAREBACK - White, manual, 4 new tires, radio, owner leaving country. \$850. Ext. 7397, 288-4439.

66 PLYMOUTH FURY III - 4 dr, htdp, 318 V8, auto trans, ps, excel cond, leaving country, avail Sept. Kinson, Ext. 7793, 744-8300.

62 VW - \$275. Doug, Ext. 2181.

Boats & Marine Supplies

SAILBOAT - (Kitten), 13', all fiberglass w/dacron sail, good cond. \$175 firm. 744-5599 after 6.

12' SAILBOAT 1970 - W/trailer, fiberglass, dacron sails, storage comp in bow, built-in seats, lights, good fam boat. P. McHugh, Ext. 7163, 586-3579.

BOAT TRAILER - Galvanized steel, 10' long, for 12'-17' boat. \$125. AT6-0798.

18' CAPE COD BABY KNOCKABOUT - Dacron main & jib, needs point & caulk. Carl, Ext. 7238, 744-2069.

28' PEMBROKE 1964 EXPRESS CRUISER - 210 hp V8 Chrysler, 1 1/2 to 1 reduction gear, bilge pump, pressure water, elec head, bottle gas, radio, D.F., extras. 669-6788.

SIGNET 20 - Fiberglass keel sloop, sleeps 4, 4 bags of sails, head galley, sink, in water, priced to sell. 744-9436.

15' RUNABOUT - Little Dude Trailer, 25 hp Evinrude, all extras. Asking \$450. Charlie, Ext. 2340.

23' CHRIS CRAFT INBOARD - New cushions, sleeps 2, in water, leaving state. \$850. Doug, 281-3274 eves.

Miscellaneous

DOBERMAN PINSCHER PUPS - AKC reg, whelped 8/3, avail for inspection 9/12. Ext. 2436, 727-2346 eves.

BABY STROLLER - W/sun shade, excel cond. \$15. Dee, Ext. 7621/541.

REDWOOD FURN - Lg table, love seat & chair w/cushions, 2 benches. \$60. Bob, 281-6303.

HUSKY LAWN MOWER - \$18; aquarium w/reflector, \$8. Bob, 281-6303.

CHAIN SAW - McCulloch, old, 24" blade. \$75. AT6-0798.

35 MM SLIDE PROJECTOR - Argus President, auto & remote cont, w/15 slide trays. \$30. LT9-7504.

CHILD'S TABLE - W/3 chairs, \$9; boy's bicycle for ages 8-15, less than 2 yrs old, \$20. Kinson, Ext. 7793, 744-8300.

PANASONIC R-Q-500 TAPE RECORDER - W/7 free tapes, portable. H. Donnelly, Ext. 2900.

TWIN BED FRAME - Maple headboard & footboard, metal rails, sturdy, great for child's rm. \$5. 653-4195.

MAHOG CHEST OF 4 DRAWERS - Stereo record cabinet. 473-8011.

SHOTGUN - Sears pump, 20 gauge, take magnum load, full choke & case, new cond. \$90. AN1-7964 after 6.

COFFEE TABLE - Mod Italian marble top, 31"x36", 3/4" thick, overall hgt 13". \$50. Dick, Ext. 7633, 928-1121 after 6.

TV - \$10; baby's changing table, \$5; hand lawn mower, \$5; car top carrier, \$5; crab traps, \$1 ea. Ext. 518.

AKC STD SIZE POODLES - Ready to leave mom 9/7. Ext. 2492.

GE WASHING MACHINE - White, good cond. \$10. L. Caminiti, 281-9270.

ORIENTAL DESIGN CARPET - 8 1/2"x11", navy ground, excel cond. \$100. 744-5431 after 6.

BICYCLE TIRES - 28" balloon, w/bicycle. \$4. AT6-0798.

CAMPER - 1966 Revella, for 3/4t pickup, excel. \$1750. AT6-0798.

VACUUM CLEANER - Hoover upright, w/light, \$50; mahog dresser w/mirror, cedar-lined drawers, \$45; white bathroom sink, 17"x19", never used, \$8. R. Dietz, Ext. 623.

10 GAL AQUARIUM OUTFIT - Tank, filter, pump, light, gravel, cover, heater. \$15. Ext. 2515.

16' OVERHEAD-TYPE GARAGE DOOR - Good cond, all hardware inc, \$50; 29" utility door, \$10. Ext. 7495.

HOT WATER TANK - 30 gal glass lined, oil fired, gun incl. \$95. Stan, Ext. 7407.

STORM WINDOWS - White anodized alum, various sizes. \$7 ea. Stan, Ext. 7407.

SURFBOARD - 9'6" fiberglass. \$30. Mike, 732-3453. 220 V GENERATOR - Powered by Hercules eng, needs carburetor, extra spare parts. \$40 firm. HR3-2821 after 6.

MINI SURFBOARD - Harbor Rapier (custom), 8', soft V bottom, wave set finn, excel cond. \$85. Ext. 7413, 286-8134.

ROTO BROIL 400 - In storage, new cond. \$20. Jerry, Ext. 449.

WIRE FENCING - Galvanized farm & field, 39" h, 330' l, new roll plus 60' roll, 39" h, \$30; 1000' roll barbed wire, new, \$10. 732-6993.

2 GARAGE DOORS - 16' overhead. 473-1157.

TRUMPET/CORNET - Standard make, good cond, reasonable. Bill, Ext. 2392, 724-3035.

HOBART ELEC WELDER - 250 amp, 4 cyl gas driven, on factory trailer, excel cond. \$650. MO9-6788.

GUITAR AMPLIFIER - Fender, 2 channel, 12" Jensen speakers plus extension speaker. \$35. 581-0932 after 6.

MAN'S NEW OVERCOAT - Size 40, \$50; ladies' winter coat, brown & green plaid, \$15; ladies' man made fur coat, light tan, size 14-16, \$35; various garden tools; oblong din rm table, \$5. 475-1940.

CRIB - \$4; carriage, sturdy model, \$15. 286-8134.

CAR SEAT - Very good cond, \$5; car seat, old but usable, \$2; car bed, like new cond, \$5; baby's jump seat, w/feeding tray, \$7. Jack, Ext. 7413.

CAST IRON BOILER - 114 M.B.H., w/oil burner, extended jacket, tankless heater, 2 circulators & all controls. \$225, Ext. 929-4039.

CARRIAGE-STROLLER - Folds flat for storage, w/sun canopy & rain shield, like new cond. \$25. Ext. 7826, 929-4039.

BASEBOARD - Copper-fined heat, 19', w/covers, end caps & corner caps. \$15. Ext. 7826, 929-4039.

HAND LAWN MOWER - \$5. 286-8119.

THAYER 6 YR CRIB - W/mattress, \$15; studio couch, \$60; wooden infant swing, \$3; Danish modern chair, \$5. 286-0407.

OAK FIREWOOD - Seasoned, logs or split, pickup or delivered, 24"-36" long, 1/2 or cord. Bob, 732-9517.

YARD SALE - 10 am to 5 pm, 45 Beachfern Road., Center Moriches, Sept. 5. Rain date, Sept. 12. Phil Thomason, 878-2239.

GERMAN SHORTHAIR POINTERS - AKC, 7 wks, all shots. T. McKinley, Ext. 2126.

RCA TV - Individual channel tuning, only 11 mos. old. Was \$157, now selling for \$85. Ext. 7719.

COUCH - 2 pc sectional, 9', brown/blk tweed, very good cond. \$40. 929-4530.

FRANKLIN 10 1/2' CAMPER 1966 - Self contained. \$1350. R.L. Ostrom, 281-8695.

3 PCS BEDRM FURN - Single bed, curtain & spread incl, excel cond. R. Ostrom, 281-8695.

BACH ST. MATTHEW PASSION - Monaural Klemperer recording, hardly played, selling in order to buy stereo version. \$12 (5 records). Ext. 7753, 286-3742.

ROSEWOOD UNIT - Free standing, consists of 2 shelves (32"x12"), 1 record cabinet, alum poles, mounting hardware incl, excel cond, best offer. 286-3742.

MOWER - Sunbeam elec, 100' cord, bag & spare blade, excel cond. \$40. Forsberg, Ext. 2293, 732-5166.

KITCHEN SINK - Hardwick, 4 burner, oven over broiler, deluxe model, coppertone finish, gas, excel cond. \$35. 732-0267.

MINIATURE LOTUS CAR - Gas powered, 3 hp, red & white. Ext. 2750/7782.

BIRD CAGE - All chrome, glass sides, 22" h, 15" l, 9" w, like new cond. \$15. Ben, Ext. 2588. 13" l, 8" w, 11" h, \$3. Ben, Ext. 2588.

KITCHEN TABLE - W/porcelain top, 4 sturdy chairs, \$25; colonial pole lamp, \$10; metal floor lamp & bridge lamp, \$25/pr. Ext. 586, 289-3114.

FISH TANK - 30" l, 13" d, 12" w, \$15; hamster cage, 13" l, 8" w, 11" h, \$3. Ben, Ext. 2588.

SHOWER DOORS - Frosted glass, for 5' tub. \$15. 281-5599.

HÖHNER BUTTON ACCORDIAN - German 10 treble key, 4 bass, \$20; old Castro conv 4 person couch, converts to dbl bed, \$5. 289-1754.

VACUUM CLEANER - Record player; elec fire; elec hedge trimmer; steam iron; small humidifier. Ext. 7397.

FREE! - Sewing machine, cabinet type, needs needle adjustment & clean, otherwise good. Ext. 7397.

CONTENTS OF 60 YR OLD HOUSE & BARN - Moving to Florida, 66 Baker St., Patchogue. GR5-8367.

WASHING MACHINE - Frigidaire, good working cond. \$30. Kinson, Ext. 7793, 744-8300.

BED - Twin size, box spring & matt, maple head board less than 2 yrs old. Kinson, Ext. 7793, 744-8300.

5 PIECE BEDROOM SET - Dark wood, double bed, as new, less than 2 yrs old. Kinson, Ext. 7793, 744-8300.

HUTCH & BUFFET - Maple, \$80; sofa, \$35; easy chair, \$35; rugs, carpets, all less than 2 yrs old. Kinson, Ext. 7793, 744-8300.

ELECTRIC STEAM IRON - GE, \$8; ironing board w/cover, \$7; toaster, GE, \$8; alarm clock, \$1; all less than 2 yrs old. Kinson, Ext. 7793, 744-8300.

BOY'S BICYCLE - 8-15 yrs, banana seat, less than 2 yrs old. \$20. Kinson, Ext. 7793, 744-8300.

TV ANTENNA - Compl w/20 ft mast, 27 elements, color and b&w. Kinson, Ext. 7793, 744-8300.

SKI RACK - For any car, 4 pairs, less than 2 yrs old. Kinson, Ext. 7793, 744-8300.

OLD CHEST OF DRAWERS - \$5; 2 garbage cans, \$1 ea; mail box w/post, \$3.50; camping stove, \$6; Kinson, Ext. 7793, 744-8300.

Real Estate For Sale

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

For Sale

DEER PARK - 9 1/2 rm high ranch. Half Hollow Hills school dist. 1/4 acre, with fireplace and all the extras. Ext. 2815 or 667-0463.

38 ACRES - Vacation/investment land, woodland, stream & hillside, 17 mi east of Utica, NY. Ron, Ext. 610, 929-4902 after 5:30.

SHIRLEY - 3 or 4 bedrm Cape, bsmt, garage, appliances, property fenced, 1/2 block from water. \$21,000. Jerry, 281-3170.

For Rent

3 BEDRM HOUSE - Riverhead, w/stove & refrig, beach rights, security, lease. \$160/mo. 727-4884 eves.

APT - 6,3, or 1 rm efficiency, 2 blocks from Fire Island beach, avail 9/1. 281-4588.

APT - Westhampton Beach, small but attractive, bedroom, sit rm, kitchen, ideal for couple without children avail mid-Sept. \$140/mo, util incl. Ext. 7397, 288-4439.

Wanted

HOUSE - In Stony Brook, Setauket, Pt Jeff area, liv rm, din rm, kitchen, 1 1/2 or 2 baths, 3 bedrms, ranch or 2-story. Ann, 286-2280.

FOLDING CARD OR PICNIC TABLE - Any cond, fair to excel. 653-4195.

MATURE WOMAN - To babysit for school-age boy, afternoons or all day, Shoreham. V. May, Ext. 2449, 744-8765 after 6.

USED SET OF MEN'S GOLF CLUBS - W/bag. A. Beckwith, Ext. 2349.

INFORMATION - Leading to recovery of copy of Alsos, autographed by author, my name stamped on top edge, borrowed within past 2 1/2 yr. G. Trigg, Ext. 2341.

ON-SITE BABYSITTER - For 15 mo old boy, Mon thru Fri, 8:30-5. Bill, Ext. 7220/2766.

BUNK BED - Any cond. Ext. 7642.

VOICES - For Handel's Messiah Mor. Chor. Soc, 1st rehearsal Mon 10/5, 8 p.m., C.M.H.S. Ext. 574.

BICYCLE - 26" girls, reasonable. Henriette, Ext. 7411, 744-8755.

VW BUG ROOF CARRIER - Reasonable. F. Folde, Ext. 567.

TREE REMOVAL - Will do tree removal & chain saw service, home & grounds maint, painting, etc., free estimate. Bob, 732-9517.

ROOMMATE - To share 5 rm house in Riverhead, share expenses, clean cut guy only, references. 727-6437, 6-8 p.m.

HOMES - For 2 healthy, affectionate, altered male cats, 2 yr old blk, 1 yr old all grey & white, Veterinarian wormed, owner allergic. Betsy, Ext. 7552.

TO RENT - 2 bedrm house or apt in Smithtown to E. Setauket vicinity, for a grad student & a postdoctoral fellow at Stony Brook. 2341/2296.

FREEZER - Reasonable. Tony K., Ext. 560, 929-6180 after 6.

WOMEN - Who want an assist to be liberated, join the Judo Club! Ext. 301/2556.

ANTENNA ROTOR - Functioning or repairable. Ralph, Ext. 7352.

ELEC DRYER - 2 yrs old or less, w/perma-press cycle. Ralph, Ext. 7352.

WIRE MESH DRESS FORM - On stand. 876-0204 eves.

TRUNKS - And/or wooden packing cases, will pay reasonable price. Gelletly, Ext. 7397, 288-4439.

REFRIG/FREEZER - 2 dr, 12-14 cu ft, 5-10 yrs old. 878-1486.

Carpools

ADDITIONAL DRIVER - To join existing carpool, St. George's Golf Club area, E. Setauket, Stony Brook. Hooper, Ext. 2824.

DRIVER - To join or form carpool from Wantagh area. Niels, Ext. 2579.

WANT TO START OR JOIN - Medford, near Rt 112 & LI Expwy. R. Dietz, Ext. 623, 289-1614 after 6.

PAYING RIDER - East Islip, 8:30-5. Ann, Ext. 2320.

Summer Season At Pool Extended

The pool summer season, which normally ends the last week in August, will be extended to include the full month of September. In view of this extension, all summer pool passes will be honored through Friday, October 2.

The Fall/Winter/Spring season will begin on Monday, October 5. Passes for the new season will be on sale at the pool during open hours starting the last week in September.

Pool users undoubtedly have noticed that the locker rooms in the area have been getting a face-lifting with new shower stalls, floor tiles and paint. Work will continue during the next couple of months and there is a possibility that the pool may be closed for a short period of time during the fall months to complete the job. If such a closure is necessary, advance notice will be published in the *Brookhaven Bulletin*.

Classified Ad Policy

Deadline is 12 noon Friday for publication the following week.

1. The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
2. All items for sale or rent must be the advertiser's property.
3. Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
4. Firearms offered for sale or trade may not be brought on site.

5. Ads not carried because of space restrictions will be held for publication in the next issue.
6. Ads are run only once and must be resubmitted if they are to be repeated.
7. Ads should be restricted to 20 words or less and typed or printed on the form provided, and must bear the employee's signature.

For Sale: Auto & Auto Supplies
 For Sale: Boats & Marine Supplies
 For Sale: Miscellaneous

Wanted
 Carpools