



Boxes And Boxes Of Budget



Deputy Director George Vineyard (center) looks over the letter of transmittal for the FY 74 AEC budget while Budget Officer Henry Grahn (left) and Assistant Budget Officer Everett Heinze contemplate the stack of boxes containing 60,706 printed pages. The basic document consists of 1394 pages; funds requested include an operating budget of \$61,257,000. Preparation of the budget has involved considerable effort of the Budget Office, the Director's Office, and all Departments since January 1972. At 4 a.m. today a Lab driver left from the BNL Security Office to deliver the budget directly to AEC Headquarters mailroom for distribution.

Hendrie On Leave

Last week's *Brookhaven Bulletin* article on Joseph M. Hendrie failed to mention that Dr. Hendrie will be on a two-year leave of absence from the Laboratory. He will return to BNL upon completion of his appointment as Deputy Director for Technical Review in the AEC's directorate of licensing.

All copy for next week's BROOKHAVEN BULLETIN must be submitted no later than 3 p.m. on Friday, May 26.

World of BNL

The schedule for next Sunday's (May 28) radio program is as follows:

WGLI-AM, 1290 on AM dial, 11:15 p.m.

Dr. Preston Cloud, Professor of Biogeology at the University of California at Santa Barbara. Dr. Cloud gave the symposium lecture, "Is There Intelligent Life on Earth?," last week at the annual Biology symposium.

WBLL-FM, 106.1 on FM dial, 8:15 a.m.

Dr. Jerry S. Olsen, Oak Ridge National Laboratory. Dr. Olsen was one of the session chairmen at last week's Biology Department symposium on Carbon and the Biosphere.

IBEW Meets Tonight

Local 2230 IBEW will hold its regular monthly meeting tonight, Thursday, May 25, at 8 p.m. in the K of C Hall, Railroad Avenue, Patchogue. There will also be an afternoon meeting at 2 p.m. in the Union office at 31 Oak Street, Patchogue, for shift workers.

On the agenda will be regular business, the president's report, and nominations for officers and Executive Board members.

Blood Pledgers Step Forward

The Bloodmobile of the Greater New York Blood Program will visit the Laboratory for two days on June 29 and 30. Facilities are planned for taking 1000 pints of blood on these two days. Early pledge returns look like a New York Mets winning streak, indicating that the goal of 1000 pints is not an impossible dream.

Some prospective donors have asked if they can give blood before the visit because of vacation plans. The answer is yes. By June 1, Alf Christoffersen, Blood Program Chairman and Monroe Petty, Personnel Service Supervisor will have an up-to-date listing of area hospitals set up to accept donors for credit to our plan. Questions regarding the program should be directed to the above.

Send in your pledges early to help us with our plans.

Because of the Memorial Day Holiday, there will be no Weekly Calendar issued for the week of May 29.

Arthur Schlesinger, Jr. Speaks Tomorrow Night

The Brookhaven Chapter of the Federation of American Scientists will sponsor a lecture by Dr. Arthur Schlesinger, Jr., Schweitzer Distinguished Professor at City College and advisor to former President Kennedy.

Schlesinger will speak on "Issues in the Forthcoming Presidential Election," at Berkner Hall, Friday the 26th of May, at 7:30 p.m. All Laboratory employees, their families, and friends are invited to attend.

Mohlmann Honored

The American Academy of Medical Administrators has announced that Mr. E.C. Mohlmann has been selected to become a member. This honor is conferred upon those whose special qualifications in Medical Administration merit such recognition.

The Academy is an international non-profit society, and admission is limited to those persons engaged in the practice of medical administration at the executive or middle management levels.

Mr. Mohlmann has been employed by Brookhaven National Laboratory for over 13 years. He is a Senior Buyer in the Purchasing Division.

Atomedic '72 At Oak Ridge

Atomedic, a conference that had its start at BNL, was held this week on Monday and Tuesday at Oak Ridge National Laboratory. The conference is sponsored by the Division of Biology and Medicine of the AEC, and is aimed at presenting up-to-date reports on some of the bio-medical research supported by the AEC. Attendance is restricted to working press and science writers.

On Tuesday afternoon, Dr. Eugene Cronkite, Chairman of the Medical Department, gave a talk on Bone Marrow and Blood Cell Culture for Medical Research. His talk also included research underway on leukemia and other blood diseases.

Research into a number of diseases of blood forming tissue has been limited by the inability to culture human bone marrow and blood cells. Now, however, it can be done, using a dime-sized diffusion chamber that is implanted in the peritoneal (abdominal) cavity of mice. The diffusion chamber technique was first developed in Norway at the Norwegian Defense Research Establishment, Division of Toxicology, using bone marrow and blood cells from mice implanted in other mice.

The adaptation of this technique to culturing human bone marrow and blood cells was done at Brookhaven, in a cooperative effort involving Drs. Arland L. Carsten, Werner R. Boecker, Gundabhaktha Chikkappa, Mrs. Shirley A. Dunwoody and Mr. Lawrence M. Cook of BNL, and Drs. Arne Boyum, H. Breivik, H.B. Benestad, and O.D. Laerum from Norway. Dr. Boyum, who has visited BNL before, is expected to arrive here some time this week for a month's stay at the Medical Research Center.

Atomedic was first held at BNL in 1969 and 1970. Last year it was held at Argonne National Laboratory. In addition to Dr. Cronkite, this year's program includes eight other speakers from various organizations doing AEC-sponsored medical research.

Topics include a report from the Atomic Bomb Casualty Commission, cutting medical x-ray exposures, use of the marmoset for transplant research, the atom powered heart and pacemaker, role of immunology in aging, and new directions for cancer research.

Cloud Lecture Ends Biology Conference

This year's annual conference of the Biology Department, held last week in Berkner Hall, concluded Thursday evening with the Symposium Lecture, given by Dr. Preston Cloud. Dr. Cloud, Professor of Biogeology at the University of California, Santa Barbara, spoke on "Is There Intelligent Life on Earth?." He discussed the various activities of man that are having an impact on our environment.

The necessity of planning and controls was stressed by Dr. Cloud, lest we find ourselves, particularly future generations, facing the monumental problem of trying to undo in a short time what man and the industrial revolution have done over the past



Preston E. Cloud, Jr.

hundred or so years. He noted that although nature's balance is flexible, it should not be pushed by man's activities beyond its ability to maintain the balance.

"Carbon and the Biosphere," the subject of this year's conference, featured speakers from 19 different institutions in the United States, Canada and Sweden, and attracted over 100 participants.

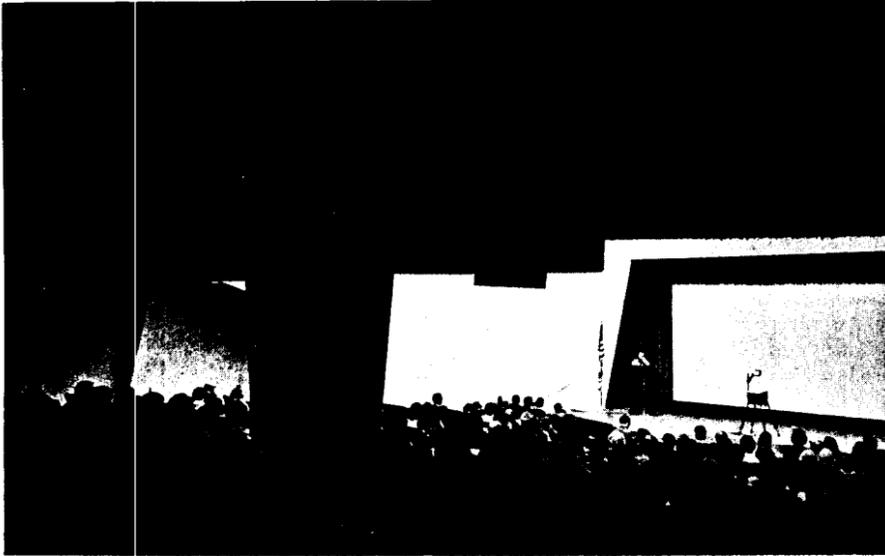
Chairman of Session I, The Cycle of Carbon, was Symposium Host George Woodwell, Senior Scientist in BNL's Biology Department; Chairman of Session II, The Atmosphere, was William W. Kellogg, National Center for Atmospheric Research; Chairman of Session III, Oceans, Estuaries and Fresh Water, was Edward R. Baylor, SUNY-Stony Brook; Chairman of Session IV, Symposium Lecture, was Dr. Woodwell; and Chairman of Session V, Carbon on Land, was Jerry S. Olsen, Oak Ridge National Laboratory.

Dr. Daniel A. Livingstone of Duke University, who summarized the meeting in the final session, attested to its success. According to Dr. Livingstone, "Seeing a plot of those very careful data of the carbon dioxide changes in the atmosphere, I felt that we had put our fingers on the pulse of the beating, living heart of the world.... I think that this has been an absolutely splendid symposium and I would rank it among one of the three, and probably the second rather than the third, of the meetings of this kind I have attended in my life."



Charles Hall of BNL's Biology Department conducted a tour of Flax Pond for a group of symposium members.

24th Annual Biology Symposium



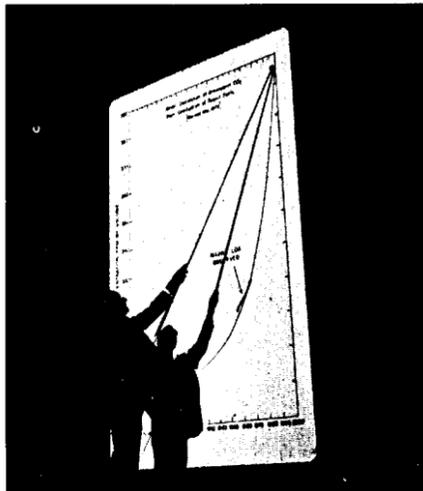
Approximately 100 people attended this year's Brookhaven Symposium in Biology on "Carbon and the Biosphere."



Helen Kondratuk and Renie Rosati managed the reception desk.



Robert Steele (left), Acting Chairman of the BNL Biology Department, and R.C. Anderson, Director's Office, welcomed symposium members to Brookhaven.



Lester Machta, National Oceanographic & Atmospheric Agency, used a chart to illustrate his talk on "Prediction of Future CO₂ in the Atmosphere."



Robert Rabson (left), USAEC, chatted with Symposium Host George Woodwell during one of the breaks between sessions.



Peter Rich of Brookhaven's Biology Department explained the Flax Pond study to visiting symposium members.



Participants in the 24th Biology Symposium at Brookhaven visited Flax Pond, on Long Island's North Shore. The site was the subject of a paper given by BNL's George Woodwell.

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Arrivals & Departures

Arrivals

Robert Diamond.....Biology
Robert W. Ferguson.....Medical
Bernadette D. Fox.....Systems & ADP
Arthur T. Plichta.....Physics
Willie Shepherd.....Medical

Departures

Louise C. Ellis.....Medical
George P. Fabian.....P.E.P.

Letters To The Editor

Dear Sir:

Just wondering why the *Bulletin* didn't carry the names of the 25 year member absentees. As my husband, Andrew, was in the hospital at the time, he didn't attend the affair nor have his picture taken. Would be interesting to know how many other absentees there were, or was he the only one.

Through no fault of their own, I believe some credit is due them. —Lillian T. Olsen

People who were unable to have pictures taken for the 25-year celebration at BNL were:

- Anthony Guacci
- John Devries
- William Farrell
- Eleanor Kwiatkowski
- Andrew Olsen
- J.B. Horner Kuper
- Joseph Washburne, Jr.
- William Higinbotham
- Douglas Clareus
- Frank Bugala
- Louis Lento
- Frederick Strier
- G. Kenneth Green

Cafeteria Menu

Week Ending June 1, 1972

Thursday, May 25	
Turkey Noodle Soup	
Grilled Monte Cristo Sandwich & Pickled Beets	.85
Veal Patty w/Noodles Oregano	.85
Braised Beef a la Mode & 1 Veg.	.95
Friday, May 26	
Clam & Celery Bisque	
Fisherman's Cakes & French Fries	.95
Roast Leg of Lamb w/Mint Jelly & 1 Veg.	.95
Broiled Halibut w/Carleton Butter & 1 Veg.	.95
Monday, May 29	
Snack Bar Open 9:30 a.m. - 2:00 p.m.	
Tuesday, May 30	
Snack Bar Open 9:30 a.m. - 2:00 p.m.	
Wednesday, May 31	
Yankee Bean Soup	
Baked Beef Loaf w/Gravy & 1 Veg.	.85
Shrimp Chow Mein on Rice w/Crisp Noodles	.90
Polish Kielbasy w/Mashed Potatoes & Sauerkraut	.80
Thursday, June 1	
Beef Barley Broth	
Beef Hash w/Brown Gravy & 1 Veg.	.80
Baked Lasagna w/Meat Sauce & 1 Veg.	.90
Broiled Chicken Livers w/Bacon Strips & 1 Veg.	.85

Cooking Exchange

The last Cooking Exchange session of this season will be on Thursday, June 1, from 3 to 5 p.m., in the Recreation Building in the apartment area. Featured will be such items as disguised herring, Indian curry, creole seafood and an English dessert.

There is a charge of 75¢ per session for each person attending to cover the cost of recipes and for the babysitters.

Don't forget that the grand finale international dinner is on June 8, starting at 5:30 p.m. at the Brookhaven Center. For further information, please contact Terri Pittenger, 286-9471.

CREF Unit Values

1971			
January	\$41.37	July	\$41.24
February	41.57	August	44.01
March	43.14	September	43.85
April	45.23	October	41.84
May	43.81	November	42.38
June	43.58	December	46.21
1972			
January	\$48.27	February	50.49
March	51.36	April	\$51.80

FAS To Meet June 1

The Brookhaven Chapter of the Federation of American Scientists will meet in Room "A" of the Cafeteria at lunchtime on Thursday, June 1st. Federal policies on energy and on the federal support of science will be discussed. All interested BNL'ers invited to participate.

Met Baseball Tickets

Met baseball tickets are still available for the following dates in June and July.
June 1 - Philadelphia
7 - Cincinnati
July 4 - San Diego
5 - San Diego
29 - Montreal
30 - Montreal
31 - Montreal

Camera Club Sponsors Photography Contest

Spring is here - can summer be far behind? To celebrate, the Camera Club is sponsoring a photography contest open to all BNL employees and visitors. The subject matter will be any photograph taken on the Laboratory site. Deadline for the contest is July 11; the entries will be judged by a vote of all interested participants on July 12. The best five entries will be published in the *Bulletin*.

Take your camera to a softball game; get out at lunch time and enjoy the sun; see parts of the Laboratory you've never seen before. Prints should be 5x7 inches or larger, and 35 mm slides are also acceptable. For more information, contact George Cole, 510-A, Ext. 7620.

Theatre Group Auditions

Theatre Group is presently considering an early August production of Ron Cowan's play, *Summertime*. Any person interested in auditioning for a role please call Darlene Yelon at 744-0261 after 6:00 p.m. Also welcome are backstage workers.

Photographers Exhibit

The BNL Camera Club's annual exhibit of members' work is in Berkner Hall this week. Time still remains on Thursday and Friday to look over the assembled collection of black and white and color prints.

BERA Art Exhibit

Leonard Baskin, the prominent American sculptor and graphic artist, will be the subject of BERA's next art exhibition. The show will be held in the meeting rooms of Berkner Hall from June 12 through June 21.

Amid the turmoil of contemporary artistic movements, Baskin has maintained a unique position. He has carried forward both traditional western humanistic concerns and classical traditions of sculpture and graphic representation. At the same time, he is thoroughly modern in his artistic boldness and freedom of design. His position is widely recognized and he is considered one of the foremost American sculptors. His work is included in major museum collections around the world.

The exhibition will have a gala opening at 8:30 p.m. on June 12, to which all Laboratory employees, their families and friends are cordially invited.

Swimming Pool Schedule

Open Weekdays Monday through Friday 12:00 noon - 1:30 p.m. Employees Only.
5:00 p.m. - 9:30 p.m. Employees/Family/Visitors.

Rates

Season Pass	
Employee or Family Member	\$ 5.00
Family (Same Household)	\$10.00
Daily Single Admission	
Employee or Family Member	50¢
Visitor	75¢

Softball News

Brookhaven League

Old Timers 7 - Dirty Sox 0
Blue Jays 21 - Metallurgy 6

Amidst the very tall grass of the Brookhaven Recreation Park the Old Timers combined a fine pitching effort by H. Frei and tight defense to shut out the Dirty Sox. HR was stroked by Les Lawrence. The Blue Jays erupted for 30 hits to rout Metallurgy. T. Prach and R. Picinich homered for the Jays and Mitt Rosso hit one for Metallurgy. Tom Prach, Dan and George Oldham all had 4 hits for the Jays. S & M drew a bye.

University League

Odd Couples 18 - Gotchas 10
Okays won by forfeit.

Odd Couples got some strong hitting from Dave Fridae (2 HR's) and D. & J. Vail (10 for 10) to defeat the Gotchas. George Speidell excelled on defense. Gotchas got a HR from Shelby Williams and good defense from Lorraine Osterer and Bob Zizza. Okays won by forfeit as the Saints were unable to field a team.

National League

AMD 5 - Bio Meds 3
Kumquats 9 - Bubble Boys 7

AMD playing with 3 outfielders had to rely on the cagey pitching of veteran Art Scott to force the opponents to hit the ball on the ground. This he did with great success as AMD's infield of Barone to De Vito to Daniels reeled off four double plays. Kumquats and Bubble Boys had a evenly played ball game with the report that the team with the most endurance emerged the winner.

Laboratory League

Charlie Browns 19 - Converts 17
EAO 11 - Six Pax 6

The Converts jumped out to a 6 run lead in the first inning but could not hold on as the Charlie Browns came from behind on strong hitting of G. Guydish (2 HR's & Triple) and Home Runs by P. McHugh and Jesse Becker. EAO got good pitching and a HR from George Speidell plus a grand slam from H. Gassner to down the Six Pax. Joe Klemish showed good defense at short stop. —Jim Petro

Badminton Birds

Following the recent publication of the rather brief notice in the *Brookhaven Bulletin* naming the winners in the 1972 ladder tournaments, there have been requests for a more detailed list of the final standing of all competitors. To satisfy these requests, the results of 15 weeks of grueling competition are listed for both singles and doubles. No names have been changed to protect the innocent.

Singles Ladder

1. Ed Platner; 2. Don MacKenzie; 3. Bob Smol; 4. Jim Brandon; 5. Stu Bookless; 6. Andy Kevey; 7. Steve Lundberg; 8. Phil Palmedo; 9. John Binnington; 10. Andy Anderson; 11. Y.Y. Chu; 12. John Guthy; 13. Marty Kramer; 14. Dan Schaeffer; 15. Bill Love; 16. Larry Passell; 17. Alf Christoffersen; 18. Marty Margulies; 19. Lorraine Osterer; 20. Diana Bartelt; 21. Marie Schairer; 22. Lesley Coggins.

Doubles Ladder

1. Ed Platner & Marty Margulies; 2. Rich Horwitz & Barry Arbert; 3. Dutch Stoenner & Jim Richards; 4. Stu Bookless & Bob Smol; 5. Andy Anderson & Jim Brandon; 6. John Binnington & John Guthy; 7. Art Scott & Kurt Fuchel; 8. Dan Schaeffer & Alf Christoffersen; 9. Steve Lundberg & Doug Turner.

The elimination tournament, now in progress, for Badminton Singles was seeded on the basis of these results. Since there did not appear to be sufficient interest, no doubles tournament was scheduled.

All contestants are reminded that the elimination tournament ends June 2.

Scheduled Softball Play At B.E.R.P.

The Softball Fields at the Brookhaven Employees' Recreation Park are to be used only for scheduled play. The fields are not to be used before 5:00 p.m. during the week.

A Reservation Schedule is maintained at the Recreation Office at 58 Brookhaven Avenue, Ext. 391, and reservations are now being taken for department and group activities.

Summer Fastbreak Basketball

—Ed Taylor

Anyone interested in participating in the BNL Summer Fastbreak Basketball League please mail your name, BNL address, and extension to the Recreation Office, 58 Brookhaven Avenue by June 2, 1972. The games will be played on Monday nights beginning at 5:30 p.m. The number of games played

will depend on the number of teams in the league. No group of players may enter as a combined team. All interested players will be placed in a players pool and be selected for a team by designated captains appointed by the Basketball Committee. Everyone will be assigned to a team.

BNL Soccer Champs



Proudly displaying their trophies are (standing, left-right) Larry Farrell, Ralph Fairchild, Bert van Zelst, and Danny McCafferty; (bottom, left-right) Peiter Meyers, Peter Chen, and Jim Sutherland.

Ellington Concert Approaching Fast

The days are slipping by and the tickets are going, so don't wait too much longer to get those seats for the Duke Ellington Concert on June 13.

International music magazines have had Duke Ellington's name at the top of their lists for as many years as they have been conducting polls. Latest additions to "The Duke's" impressive collection of trophies are the two plaques naming him the Number One Big Band Leader and Arranger-Composer in Down Beat Magazine's 1970 International Critics Poll, and the medal



proclaiming him winner of the Leader and Songwriter/Composer categories of Playboy Magazine's All Star Jazz and Pop Poll of 1970. The NAACP, which had previously awarded Ellington its distinguished Springarn Medal, in 1970 named him America's Foremost Musician.

The band that supports Ellington is comprised of names instantly recognized by jazz lovers. Among the group is Rufus Jones (drums), Charlie "Cootie" Williams (trumpet), Mercer Ellington (trumpet), and Harry E. Carney (sax).

Get your tickets while they are still available, and have yourself a beautiful evening.

Summer Center Schedule

Beginning Saturday, June 3rd, the Bar will open every day. Beverage and snack service will be available from 5:00 p.m. until 11:30 p.m. daily. These services are available to all employees of the Laboratory, Associated Universities, Inc., the Atomic Energy Commission and their guests.

Classified Advertisements

Employment Notices

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

COMPUTER OPERATOR - Evening or Night Shift. Physics Department.

CUSTODIAN - Plant Engineering & Planning.

BIOLOGY ASSOCIATE - Terrestrial Ecology Program. Biology Department.

SECRETARY - Meteorology Group. Department of Applied Science.

REFRIG & A/C ENGINEER (1) - Plant Eng. & Planning. Application deadline: June 2, 1972.

WAREHOUSEMAN (1) - Supply & Materiel. Application deadline: June 2, 1972.

Autos & Auto Supplies

66 VW SQUAREBACK - 49,000 mi. \$800. George, 929-4818.

69 HONDA 160 - Excel cond, low mileage. \$325. Gene, Ext. 2554, 744-3945.

62 JEEP STATION WAGON - New tires, new radiator, plow. \$900, will consider trade & cash. 928-0502.

2 EA 8.55x15 SNOWS - W/w, on Ford rims, almost new. 667-9218 after 6.

2 EA ATLAS 8.55x15 TIRES - Almost new. \$35. 667-9218. after 6.

70 KAWASAKI - 175 cc Boshwacker, mint cond, used only 6 mo, 1 owner. \$450 firm. Rene, Ext. 7534.

2 EA 9.00x15 W/W TIRES - Very good, \$9 ea; 1-6.50 x16, \$8.50. Ext. 2179.

60 CADILLAC FLEETWOOD - Good for parts. Asking \$75, you tow away. Tom, 878-0249.

63 VALIANT - 4 dr, auto trans, radio, must sell. \$250 or best offer. Jean, Ext. 7273.

70 MUSTANG GRANDE - V8, ps, air cond, console, auto trans, tilt wheel. \$1700. W. Hulak, Ext. 560. 732-2248 after 5:30.

68 CHRYSLER STATION WAGON - Town & Country, full pwr, air cond, roof rack. \$1850. 286-9260 eves.

64 FALCON - 4 dr, auto trans, 6 cyl, good cond. \$400. Trigg, 286-1262.

71 DODGE MONACO - Fully loaded, all pwr & air, approx 24,000 mi. Lists \$5800, selling price \$3000. Ext. 418.

66 BUICK ELECTRA CONV - Air cond, am/fm, all pwr option. M. LeVine, Ext. 7581.

63 MERCURY METEOR STATION WAGON - Excel cond, extras incl radial tires. R. Lehn, Ext. 483, 941-4581.

59 VW TO CANNIBALIZE - George, Ext. 481.

64 CHEVY IMPALA CONV - Auto trans, good for 2nd car. \$250. 286-3377 after 5.

NEW 71 CHEVY VEGA - 300 mi, 4 spd std trans, orange. \$1800. 541-4565 after 6.

65 BUICK GRANSPORT - 4 spd, very good eng, tires & mech cond, ps/pb. \$500. Lee, 286-0436 after 6.

67 PONTIAC CATALINA - Air cond, ps/pb, pwr seats. Sutherland, Ext. 2739.

60 FORD STATION WAGON - Runs well, body fair, new brakes & exhaust, V8, auto trans. \$65. D. Feigenbaum, Ext. 7677, 289-3622.

67 CHEVY IMPALA - V8, auto trans, ps, 2 dr hdt. 281-7485 after 4.

68 PLYMOUTH VALIANT - Green, 4 dr, 6 cyl, manual shift, r/h, good cond. \$750. Arnie, Ext. 7411.

2-7.00x14 TIRES - Good cond. \$4 ea. Leon, Ext. 316.

70 CHEVY NOVA - 307 V8, stick shift, must sell - new baby. Donna, 727-8659.

70 MAVERICK - Auto trans, tape deck, snows, 23,000 mi. Last call, \$1195. 744-2083.

HONDA MOTORCYCLE - 50 cc, lights, horn, etc. 3 spd auto, good for trails. \$100. Paul, 744-3807.

64 AMBASSADOR - 2 dr hdt. 327 cid 8 cyl, auto trans, ps/pb, am/fm radio, new tires, good running. 928-0297 after 3.

54 MERC ENG - Best offer over \$30. Bill, Ext. 7766.

2-15" WHEELS - For 65 Olds Cutlass or equivalent. \$5. Ext. 2555.

2 W/W TIRES - Premium belted fiberglass, mounted on rims, E78-14 (7.35x14), excel cond. \$35. Al, Ext. 2347, 273-5574 after 6.

65 FORD GALAXIE 500 - 4 dr hdt. green, excel cond. Scotty, 732-4031.

70 MUSTANG - Fastback, orange, tach, headers, all new tires, Hurst air shocks, front stabilizers, chrome rims, alarm, tape deck. 281-5385.

4 RIMS - 2-14" (66 Valiant), 2-16", 5 lug. \$2 ea. Lorraine, Ext. 2930.

61 CHEVY - 4/d, good cond, eng o/h. JU8-1889.

Boats & Marine Supplies

25' CLAMBOAT - 50 hp Mercury, in water, ready to go. \$1000. LT9-3269 after 5.

SAILING CATAMARAN - 17' Tigercat w/gear & trailer, all in good order. \$880. Tom K., Ext. 7396.

25' CHRIS CRAFT CAVILIER SEASTRAKE 1965 - Fly-bridge, new dacron aft curtain & side, head, galley, sleeps 4, 185 hp Chevy eng. \$5300. Ext. 481, LT9-5757.

12' MOLDED PLYWOOD RUNABOUT - Has steering wheel & cable controls. \$50. Kowalski, Ext. 2314, 744-3175.

14' THOMPSON - Navy top & side curtains, elec starter, steering controls, good cond; 35 hp Johnson motor, excel cond, extras. Ext. 7610, 325-0758 after 6.

29' ULRICHSON CABIN CRUISER 1965 - Sleeps 4, fresh water cooling single eng. 475-9406.

28' PEN BROKE CABIN 1961 - 225 hp fresh water cooled eng, many extras. \$3200. 281-2493 after 6.

14' CUSTOM SUNFISH SAILBOAT - Dacron sails. \$200. B. Lenz, 724-6661.

ALCORT SUNFISH - Good cond. \$225. 286-1062 after 5.

26' CABIN 1949 - 145 hp, sleeps 4, sink, fully equipped, auto bilge pump. Sacrifice, \$500. 744-2552.

30' GAILBRATH - Fly Bridge 1968, 265 Palmer FWC, monel tanks, outriggers, cedar hull, oak frame. \$3950. 273-4575 eves.

80 HP MERCURY OUTBOARD 1971 - Elec start, w/controls. \$900. 286-9126.

15 HP EVINRUDE 1960 - Fast twin w/tank. \$75. 475-0722.

LOBSTER TRAPS - New, oak w/nylon nets, 3/8 rope, buoy, ballast, custom made. Paul, 744-3807.

CONTROL BOX & CABLES - Cut for 16' boat, Johnson (or Evidrude). Warner, Ext. 378, 475-7025.

14' THOMPSON RUNABOUT - \$45; 1 set water skis & tow rope. \$20. Bill, Ext. 7766.

21' DAFCO SEA SKIFF - Hull. \$400 firm. 281-9713 before 6.

48' RIVERBOAT - 3 rms, fireplace, plus full kitchen & tub bath, full upper deck, live at anchor or dock. Glenn, Ext. 2478.

Miscellaneous

GE DRYER & MAYTAG WASHER - 2 yrs old. Both \$200. Andy, Ext. 560, HR3-3077.

FIREPLACE ENSEMBLE - Compl, solid brass, never used. \$40. Andy, Ext. 560. HR3-3077.

MARX CRAZY KAR - Excel cond. New \$12, sell \$4. 473-6432.

ELEC ORGAN - Pianorgan-1, a product of Farfisa-Ancona Italy, 35 sharps & flats, detachable legs. \$25. Andy, Ext. 560, HR3-3077.

TRICYCLE - \$5. George, Ext. 481.

LG FREEZER - Excel cond; air cond, 7000 BTU West- inghouse, excel cond. Fran, Ext. 7805.

DRESS - Mint green, cocktail, 11-12, \$7; dresses, size 14. Susan, Ext. 670.

HOTPOINT REFRIG/FREEZER - Used 5 mos, \$100; Bradford clothes washer, \$75. 281-9288.

BATHRM FIXTURES- Sink, white, w/faucet, med cab- inet w/mirror & lights, like new. Ext. 450.

66 ROVER 2000 - Runs well, body rot, make offer. Mike, Ext. 2419/2784.

15' SHASTA LOFLYTE TRAVEL TRAILER - Sleeps 5, refrig, stove flush toilet, extras. R. Sollanek, 589-5469.

WOOD STORMS & SCREENS - 8 ea 42X55, 2 ea 24x55, 1 ea 31 x37½. \$1 ea or best offer. J. Olson, 289-8629.

16" GIRL'S BICYCLE - Coaster brake, very good cond. \$7.50. M. Montag, Ext. 7291.

CESSPOOL PROBLEMS? - Don't dig! Use our chemi- cal, we put it in for \$25, for this price you can't lose. 289-0560.

HARPSICHORD - Zuckerman 1x8', half-stop & buff- stop, 57 keys, walnut w/bench. 744-3744.

SIAMESE KITTENS - 3 males & 1 female, born 4/26, avail June. Georgia, Ext. 2186.

TOY POODLES - Blk, 4 mos. \$45. 281-2493 after 6.

TED WILLIAMS CABIN TENT - 10x16, rm divider, pole bag, stake bag & tent bag, nylon floor 6" up wall. Orig cost \$179.88, now only \$110. Walter, Ext. 567.

SILVER CERTIFICATES - Best offer, old bks & old 78 phonograph records. O. Booker, Ext. 2401.

BABY ITEMS - Like new, 2 mattresses, 1 w/bumpers, \$8 & \$10; car seat-free; sewing machine cabinet, 2 yrs old, \$15. J. Pontieri, 475-9131.

GO KART - 6½ hp, new clutch & tires, good cond. \$80. B. Sick, Ext. 439, HR3-3693.

OLD MANUAL TYPEWRITER - For children to play on. Ext. 2838, 658-1363 after 6.

OLD WOOD DESK - drawers, down side & place for chalk, \$10; Girl Scout uniform. 475-4199.

LULLABY HIGH CHAIR - Converts to table & chair, & baby wind-up swing. \$15. 475-2885.

SHORT WAVE RADIO - Lafayette HA-600, 6 bands from 0.15 to 30 MC, BFO, bandsread, perf. cond. Cost \$100, sell \$75. Walt, Ext. 7411.

14 K MEN'S RINGS - 10 new modern rings w/ diamonds, blk stars, lapis, below wholesale price; will sell separately. Ext. 2725.

2-10 GAL FISH TANKS - Compl, hoods, filters, gravel, w/stand. \$25. 878-1084.

PIANO - Upright Hardman. \$200. T. Morris, 744-5096 after 4.

RIDING LAWN MOWER - Porter-Cable 25" cut w/ floating base. \$75. G. Pitcher, 727-6258 after 6.

GE WASHING MACHINE - 2 cycle w/lint filter, excel cond. \$50. 727-6258 after 6.

TRACTOR - W/hydraulic lift, 5' blade, 14" garden plow & rake. \$95. G. Pitcher, 727-6258 after 6.

1971 BONNIE BIKE - 5 hp, auto clutch, snow ski, spark arrester muff. \$150. Ken, Ext. 7668, 281-6070 after 6.

4 PC DRUM SET - Very good cond, like new, \$175; microphone, \$8; Tyco HO tracks, over 30', like new, \$25; Bogen 100 w PA, \$85. 878-2486.

LG SOFA - Good cond. \$25. Ron, Ext. 614.

HAND LAWN MOWER - Good cond, good exercise, \$10 or best offer: boy's bicycle, 2 yrs old, good cond, 3 spd, \$30 or best offer. Jennie, 286-9788.

ELEC HOT WATER TANKS - Glass lined; oven; alum sliding doors; \$5 ea. 924-3178 after 6:30.

CORNER TYPE HORSE GRAIN FEEDER - Cast iron, \$10; 2 upright vacuum cleaners, good cond, \$5 ea. Walt K., 286-0245.

COCKTAIL DRESS - Size 11-12, mint green, good cond, \$7; boy's jacket, 10-12, \$3. Susan, Ext. 670.

DESK - Extra lg colonial, pine w/glass top, perf cond. \$150. Ext. 2479, 751-1359.

YARD SALE - Sat 5/20 & Sun 5/21, 10-4, St. John the Evangelist, Montauk Hwy, Center Moriches. 878-0939.

ANTIQUA RADIO - Cabinet Philips of 1930's, rebuilt w/fm Heath receiver & 2-cone 8" speaker, aux inputs, nice. \$80. Llacer, Ext. 618/7230.

8 TRACK STEREO TAPE DECK - New for auto. \$30. W. Lundgren, Ext. 7526, 585-3794.

COCKTAIL DRESSES - White w/beadwork, peach- colored w/pleated skirt, sizes 9-11. Each cost \$30 new, \$5 ea. 941-3609.

VIVITAR 66 PHOTO ENLARGER - Plus extras for sale; 2 pr men's levi slacks, never worn, size 30x31, 1 green, 1 blk. 281-4673.

1970 APACHE MESA II CAMPER - Sleeps 6. Asking \$1000. M. Titmus, 924-8486, 924-3967.

CARRIAGE FOR TWINS - Very good cond. Asking \$30. B. Dee, Ext. 2395.

18" PANASONIC TV - 1½ yr, good cond. \$65. Jean, Ext. 7273/529.

SILVER CERTIFICATES - Best offer. O. Booker, Ext. 2401.

BOOK & MAGAZINE RACK - Wrought iron frame. \$5. Ext. 7219.

FACIAL SAUNA - Brand new, still in factory carton w/guarantee. Orig \$30, asking \$18. 475-2557.

PEREGO BABY CARRIAGE - Never used, converts to car bed, was \$85, asking \$50; female Airedale, spayed, 3 yrs old, good watchdog, good w/children. 475-2557.

DESK - Blonde finish, formica top & sides, wrought iron legs. \$12. Ext. 7219.

1968 TRAVEL MATE - Tent trailer, sleeps 8, stove, sink, ice box, privacy curtains, gas bottle & spare tire, many extras. \$950. Frank, Ext. 2598.

VACUUM TUBE VOLTMETER - DC, AC & ohms scales, 6" meter, w/tilt adjust bench stand, Heathkit, almost new. \$20. Ext. 2959, 286-0295.

POOL TABLE - 7', w/set of balls & 2 cue sticks, felt in good cond. \$45. Ext. 2959, 286-0295.

CEMENT MIXER - Excel cond, Sears biggest with ½ hp motor. \$100 firm. M. Thomas, Ext. 7821.

APT SIZE HOOVER WASHING MACHINE - Excel cond. \$75. Peter, Ext. 7551.

UMBRELLA TENT - Morson's best, 7'x7', \$25; pr Coleman sleeping bags, \$25. P. Schubert, Ext. 2180, 744-6534.

OAK FIREPLACE LOGS - Custom cut, split, delivered & stacked, well seasoned. Ken, 289-8212 eves.

PLOWING & ROTOTILLING - Free estimates. Ken, 289-8212 eves.

SOFA & MATCHING CHAIR - Like new. Roebuck, Ext. 7125/7180.

42" ROUND COFFEE TABLE - Old oak, 4 legs, needs refinishing, \$3; 3 spd portable hi-fi, works fine, \$5. Bob, Ext. 629, 288-3109.

MATTRESSES - 2 Posteurpedic, approx 38x80, excel cond. 286-0932 after 6.

GRASS & LEAF VACUUM SWEEPER - Lambert 30", 3½ hp, used 2 hrs. Cost \$175, sell \$125. Mildred, Ext. 7528.

WALNUT CRIB & MATTRESS - \$20; youth bed w/o mattress, \$5. Ext. 7784.

BOGEN RECORD PLAYER - Portable, long extension for speaker, mike, continuous adjustable spd, perf for teaching. ½ price at \$100. 286-0932 after 6.

UPRIGHT HARDMAN PIANO - \$200. T. Morris, 744-5096 after 4.

14 K MEN'S RINGS - 6 new modern rings w/dia- monds, blk stars, lapis, below wholesale price; will sell separately. Ext. 2725.

TODDLER SLIDE - For indoor use, foldable, ready to assemble, \$4; high back wheelchair, combination commode, non-collapsible, comfortable for broken hip patient, excel cond. 286-0932 after 6.

PORCH FURN - Strong old wicker, painted, 7 pcs (5 lg chairs, 1 lg table, 1 sm table), avail 7/1. \$95. 286-0932 after 6.

TOP-OF-COUNTER DISHWASHER - \$25; liquor cabi- net on rollers, \$15; both in good cond. 878-2239.

\$100 = 1 WK FAMILY VACATION - Cozy cottage, sleeps 6, fully furn, RI (4 hr drive) or Vermont (5 hr). 281-8296 after 6.

NATIONAL GOLD CUP - 38 MR pistol w/1 clip. Cost \$210, sell \$165. J. Zahra, Ext. 2258/2546, 727-7480 after 5:30.

8 TRACK STEREO TAPE DECK - New for auto. \$30. W. Lundgren, Ext. 7526, 585-3794.

BABY ITEMS - Imported carriage, pen crib, etc. Suther- land, 286-0612.

OAK FIREPLACE LOGS - Custom cut, split, delivered & stacked, well seasoned. Ken, 289-8212 eves.

CONTENTS OF HOUSE - Incl piano & TV. 878-1002 after 6.

BICYCLE - Boy's AMF 20", new, still in box. \$30. Ext. 2380, 281-7763 after 6.

GERMAN MADE VIOLIN - Full size, good orchestral instrument, moderately priced, rectangular case & bow incl. Joel, 286-0864 after 5.

HIGH STANDARD 22 PISTOL - Super Matic, w/4 & 6" barrel & weights. \$90. 475-2043.

SOLID OAK GUN CABINET - Glass doors, drawer & storage shelf, 1 yr. old. Cost new \$179, sell \$80. 475-2043.

12 GA REMINGTON SHOTGUN - Wing Master pump, 3 yrs old, extra 30" barrrell. \$100. 475-2043.

10 SPD RACING BIKE - Excel cond. A. Barlas, Ext. 7651.

TRAILER HITCH - Reese axle type w/torsion bars, for campers & travel trailers. Vin C., Ext. 7758, 281-8928.

OLD MARTIN GUITAR - Built 1947, excel playing cond, needs refinishing. Asking \$200, w/hard shell case. 727-1839.

KODAK PONY 135 - 35 mm 3.5 lens w/carrying case, flash attachment, \$10; TDC slide projector, \$20; Shetland floor waxer/shampooer, \$10. 744-9832 after 5:30.

CARRIAGE - Converts to car bed w/matt. \$15. 475-8158.

2 METER FM EQUIP - T43, \$75; MOTOROLA lo band 80D, 117 VAC, \$50; 6M RCA base station, \$20. Bill, Ext. 7766.

HARDWICK WALL OVEN - Range top & range ventil- ator. \$35. Ext. 2555.

SHETLAND VACUUM CLEANER - All attachments. \$15. Ext. 7606, 929-6527.

ARCH TOP GUITAR - W/case, excel cond. \$20. Ext. 2489.

OLD, BATTERED STEREO FM RADIO - Amazingly enough in good cond. \$30. Richard, Ext. 7733.

GARAGE SALE - 19 Spruce Dr, E Patchogue, Fri-Sat- Sun, May 26, 27, 28, 9 am - 3:30 pm. Ext. 7183.

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

CENTER MORICHES - ½ acre corner wooded plot, 1 block to beach & boat launching. W. Lundgren, Ext. 7526, 585-3794.

E. PATCHOGUE - 2 story colonial, 3 yrs old, 4 bed- rms, 2½ baths, 2 car garage, fireplace, major appli- ances, 0.4 acres landscaped garden. 286-8455.

For Rent

NEW YORK CITY IN JULY - 2 bedrm apt, air cond, in Bklyn Hgts, view of port, 20 min from east or west side. Ext. 688.

FURN HOUSE - Bellport Village, 4 bedrms, porch, all appliances, 1 yr lease from mid-July. Ext. 2885, 286-8175.

FURN APT - Gentlemen, 5 min from Lab, pvt entrance, all util, close to shopping. 281-8044 after 5.

Wanted

OLD ELEC TRAINS - Made before 1946, lg or sm, any cond. Andy, Ext. 560, HR3-3077.

LOVING HOME - For 6 adorable & cuddly kittens, 2 pure blk Persians, 3 blk & white & 1 grey striped, all from 3 different litters. M. Worytko, Ext. 7805/7806.

SLEEPING BAG - Must be in good cond. 286-3742.

USED SCUBA TANK - 72 cu ft within expiration date of testing. Diener, Ext. 4577.

TREE OR POLE CLIMBERS - For strapping an over boots; table saw, 8", reasonable cond. Ext. 7471.

HANDY MAN W/TRUCK - Yard cleanups, odd jobs. Joe, Ext. 2164.

PLANNING A VACATION BY AIR OR SEA? - Call Lee, 472-0658 after 6.

OLD DOLLS & RELATED ITEMS - 475-4199.

NUCLEAR SCIENCE ABSTRACTS - Compl vols for 1968 & 1969, & indexes. Olness, Ext. 7581.

TREES - Young Norway Maples, Maples, Oaks, Elms, or any other shade tree, preferably fast growing, reasonable. Y.R. Flack, Ext. 419, 698-1362 after 6.

VACUUM CLEANER - Canister type, any cond, must be free. G. Hrabak, Ext. 575.

FIRM FOAM MATTRESS - & box spring in good cond, twin size. 286-8724.

TREE REMOVAL & CHAINSAW WORK - Also light hauling, free estimates. Ken, 289-8212 eves.

SHRUBS, TREES, PERENNIAL FLOWERS - In exchange for day lilies, rambler roses, barberry bushes, nar- cissi & pine seedlings, you dig. Claire, Ext. 7420, 281-2002.

APT OR RM IN HOUSE - For single girl, from 6/15/72. Ext. 2341, 928-1243.

UNFURN HOUSE - Or furn house w/spare rm for furn storage, 8/1/72-8/31/73, for physicist & wife, no children, on leave from Clarkson College. I. Steele, Ext. 7206.

WOMEN SOFTBALL PLAYERS - For Tues. nite mixed league. P. Oster, Ext. 7538.

HOMES - For 4 adorable kittens. 928-0821.

FLUSH PORTA-POTTI - For trailer. 475-8158.

Carpools

RIDE WANTED - Or will join carpool, Glen Cove- Huntington region, Expwy or No. State. A. DeGraff, Ext. 7821.

RIDE WANTED - Or will form carpool, near Sunrise Hwy, Oakdale. Frank, Ext. 7530.

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 employees signature.

For Sale: Auto & Auto Supplies Wanted Check the heading applying to your ad.
 For Sale: Boats & Marine Supplies Carpools Print or type your ad in 20 words or less.
 For Sale: Miscellaneous Lost & Found

Ads concerning property for sale or rent cannot be accepted on this form. Special Real Estate Ad forms are available at the Office of the Brookhaven Bulletin, Room 112, 40 Brookhaven Avenue.

(Name & Phone No. To Call)

Employee's Signature Life No. Ext.

Send to: Brookhaven Bulletin, 40 Brookhaven Avenue