

BULLETIN BOARD

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AEC Commissioner Johnson Visits Lab ⁸⁻³²⁻⁶⁷ Ecology Navy



Shown examining plans for the AGS are left to right: Dr. Maurice Goldhaber, Director; Dr. R.L. Cool, Associate Director; Lawrence O'Donnell, Staff Assistant, AEC; Commissioner Wilfrid E. Johnson, AEC; and Dr. G.K. Green, Chairman of the Accelerator Department.

—Photo by Humphrey

Werner Schmitz Retires ⁸⁻²⁴⁻⁶⁷ Going To Miss Everyone



Werner Schmitz, a Radioactive Material Treatment operator in the Hot Laboratory, is retiring on August 4 after 14 years with the Laboratory.

But he's not retiring from work. He may take a week off after his retirement, but then he'll be back at it. "I can't hang around; I'm too young." He has a son in the contracting business, and he plans to use his talents there.

Schmitz will take his winters off to go to Florida with his wife, but otherwise he will be at home at 36 Smith Street in Lake Ronkonkoma.

Asked what he had to say about these past 14 years, Mr. Schmitz said, "I really enjoyed it here. I'm going to miss everyone. This is the best place I've ever worked."

Due to staff vacations, the Bulletin Board will be published in a reduced size for the next two weeks.

Cusack to Attend ⁸⁻²⁶⁻⁶⁷ Tokyo Conference

The Japan Atomic Industrial Forum has invited John Cusack, Supervisor of the Radiation Engineering Section of the Nuclear Engineering Department, to deliver a paper on fission chemistry at the 8th Japan Conference on Radioisotopes to be held in Tokyo in November.

These conferences were started in 1956 in Tokyo to disseminate information on radioisotope research throughout the world.

Prior to the Tokyo meeting, Mr. Cusack will make visits to Trombay, India and Lahore, Pakistan. The AEC is planning to loan food irradiators to these countries in connection with their food irradiation programs.

In view of the experience Mr. Cusack has had with food irradiators, the AEC has requested him to accompany E.E. Fowler, Director of the Division of Isotope Development, to Trombay and Lahore for discussions on location, operation and use of these irradiators.

Chemistry Displays ⁸⁻²⁶⁻⁶⁷ Book by Faraday

A first edition of a book by Michael Faraday is now on display in the Library of the Chemistry Department.

The book, which was presented by Dr. and Mrs. R.C. Anderson on the occasion of the dedication of the new Chemistry Building, was published in 1827. At that time Faraday, who later gained fame as a physicist, was prominent as a chemist. Among many other chemical discoveries credited to him is the discovery of Benzene. The book, titled "Chemical Manipulation," is displayed in a glass case along with a picture of Faraday.

House Committee Chairman Ed Sayre is shown examining the book before it is mounted in its display case.

Sails from Lab

An 18 foot outboard motorboat and trailer have been acquired by the Ecology section of the Biology Department at BNL. The boat will be used by members of the group headed by George Woodwell, to further studies of marine ecology and to obtain specimens of marine life and samples of organic material in conjunction with the regular program of the ecology group.

In its maiden voyage, the boat took six scientists on a field trip to Gardiner's Island, off the tip of Long Island. The dual purpose of this trip was to 1) determine the breeding osprey population, which has been reduced in recent years because many of the adult birds lay infertile eggs due to the injection of DDT in contaminated fish, and 2) to obtain mud samples from "Spartina" marsh that had not been subjected to DDT spray in the past.

Those who participated in the first trip were: George Woodwell, Dennis Puleston and Arthur McKee of BNL, and Drs. Charles Wurster, Robert Smolker and Karl Hartzell of SUNY, Stony Brook.

Float Theme Chosen ⁸⁻²⁶⁻⁶⁷ For Riverhead Parade

"Splitting the Atom for Peace," will be the theme of the float that BNL will enter in the Riverhead Anniversary Parade on August 12.

The float, which was designed by Bob Zielinski, a summer student from Fairlawn New Jersey, is being built in the rear of the gymnasium. Co-Chairman Marc Rose reports that about 10 students turned out on Monday night for the start of the building project, but that more hands would be needed to complete the float by August 12.

All of the supplies and materials for the job are now on hand, and the trailer that will carry the float has been delivered to the gymnasium. The committee plans to work every night from now on from 6:30 till 9:30 p.m. The three riders on the float, Miss Neutron, Miss Electron, and Miss Proton have yet to be selected.



Food Irradiator ⁷⁻²⁶⁻⁶⁷ Ready to Roll

A portable food irradiator that was loaded and tested at HIRDL will leave BNL this week, and go into operation in New England on a demonstration program.

The unit, which was designed by the Vitro Corporation, and built by American Nuclear, will be operated in the field by Isotopes, Inc. of Westwood, New Jersey, under contracts with the U.S.A.E.C.

The irradiator was received at BNL early in April by Jack Cusack, supervisor of the Radiation Engineering Section at HIRDL, and after tests of its mechanical components by Pete Fallon, was placed in a hot cell for loading of the source plaques under the supervision of Julius "Moose" Milau. Because of its great size and weight, the 18-ton unit had to be turned on its side to move it through the cell door.

After the loading was completed, the irradiator was removed from the cell, and turned to its normal position. The shielding was rechecked, and test runs were made to establish parameters for irradiation dose by Fran Rizzo.



George Woodson, Technical Specialist, and William Vogelsang, Senior Lab Technician load mushrooms in a tray before irradiation.

The portable food irradiator has two compartments, with the cesium radioisotope source mounted in the second compartment. The entire irradiator, including special roller doors, is constructed of thick lead shielding clad with steel. It weighs 40,500 lbs. In operation, it works as follows.

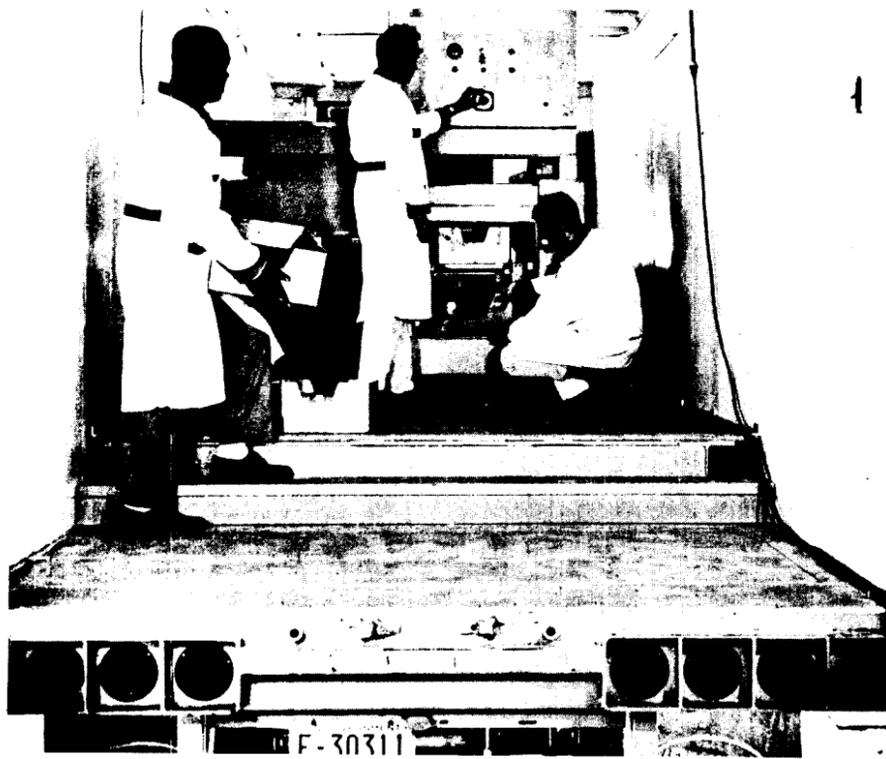
The outside door of compartment one is opened and the food, already in two aluminum pans 14½ in. wide by 18½ in. long by 7½ in. deep, is placed on special roller carriers inside the compartment. When the outside door is closed, the inner door that separates the two compartments opens. The food trays move into compartment two, where the cesium is located midway from top to bottom in the compartment. One tray moves into place above the cesium and the other tray below the cesium.

As soon as the trays are in position, the food is exposed to the gamma rays of the cesium-137 for a predetermined time. After irradiation, the food pans move on their rollers back into compartment one, and the inner door closes, after which the outer door is opened and the food removed.

Except for closing and opening the outer door, the entire cycle of operation of the portable irradiator is automatic. Exposure time of the food to the cesium-137 can be pre-set anywhere up to 30 minutes.

While on the floor of HIRDL, many test runs were made with grain, mushrooms,

(continued on Page 2)



George Woodson and William Vogelsang of BNL, with Lester Sine of Isotopes Inc. (Who will operate the portable irradiator in the field) make tests in the trailer at HIRDL.

Portable Food Irradiator Set to Go (continued)

and other foods to check out the workings of the shutter and transport mechanism before loading the unit on the trailer.

The trailer is 35 feet long and 8 feet wide, and is built of aluminum and steel. An air conditioner at one end keeps the entire trailer cooled in the field. The inside walls are painted white and the floor is gray. The irradiator is positioned across the center of the trailer with the operating controls and the access doors facing to the rear.

The mission of the 190,000 curie portable irradiator will be to irradiate fruits and vegetables to retard spoilage, and to provide a low dose to grain seed to speed germination.

In its first use outside of the Lab, green tomatoes will be irradiated at a packing company in Massachusetts to prolong by one week the natural ripening process.

In demonstration runs at the Lab, 3-pound baskets of mushrooms were irradiated for up to 10 minutes each to extend the storage life while in the market. Normally, the market can only keep the mush-

rooms 3 to 4 days before they develop brown spots that make them unattractive to the shopper. With irradiation, growth is retarded, and the mushrooms do not open and consequently have less shrinkage. Storage life is extended another 3 to 4 days.

Mushrooms for the experiment were stored in the refrigerators at the cafeteria and taken out by Francis Rizzo whenever tests were made. Strawberries, oranges, and tomatoes are other foods that can be processed in such a manner.

To date, the Food and Drug Administration, which must approve the irradiated foods before they can be released for public consumption, has OK'd bacon, wheat and potatoes. Other meat, fish, fruits and vegetables are still being evaluated in various demonstration programs.

Later this year, the irradiator will move to the state of Washington for six months, during which time it will be used to irradiate Gaines wheat seeds in an effort to speed germination and produce a harvestable crop where none has ever been grown.

Showstoppers at BNL Cabaret



Some stars of Showstoppers are: Tony Nappi (top left) Pat Towey (top right) and the dancing girls, (left to right) Pat Zimmerman, Chemistry; Barbara Strohm, AEC; and Anna Passell, whose husband works in Physics.

Suggestions for Handling Driving Emergencies

Fortunately, most drivers rarely have to deal with emergency situations. Many emergencies can be prevented by keeping your vehicle in safe operating condition, and by driving carefully and defensively - that is - anticipating trouble before it occurs and taking preventive steps to avoid it.

However, the best driver may sometimes be faced with a sudden emergency. This safety message is designed to provide you with information about common emergency situations, and offer suggestions for corrective action.

Steering Failure - If you suddenly lose control of your steering and the wheel no longer responds to your turning movements, ease up on the accelerator, but do not brake! Your car may have enough natural balance to keep it moving forward as you slow it down. If you brake, or try to shift gears, this sudden change in speed may throw the vehicle off-balance and out-of-control. As the car slows down, you may be able to brake very gently to help bring it to a stop.

Brake Failure - If your brake pedal suddenly sinks all the way to the floor, try pumping the pedal to build up the pressure.

If pumping the pedal does not build up the pressure, use your emergency or parking brake, but pull back gently so that you do not lock the brakes and throw your car into a skid. If you can shift to a lower gear, the engine will slow you down. In cars with manual transmission, you can turn off the engine - leaving the car in gear - and the engine will slow you down. However, if you have power steering or power brakes, you will lose this assistance when you turn off the engine.

Car Approaching in Your Lane - If you see a car coming toward you in your lane, pull to the right and slow down. Honk your horn. At night, flash your lights. You may wake up the drowsy or inattentive driver approaching you. Do not turn into his lane because he might wake up and swing back into the path of your car.

Stalling on Railroad Tracks - If your car stalls on railroad tracks and you have a manual transmission, you may be able to move it off the tracks by running the starter while the car is in low or second gear. If you have an automatic transmission, you will have to push the car off the tracks. If you cannot get the car off the tracks, and a train is approaching, abandon the vehicle and walk alongside the tracks in the direction of the approaching train so that you will not be struck by debris when the vehicle is hit.

Headlight Failure - If your headlights suddenly fail, try your parking lights and direction signals - one of the two may work and give you enough light to guide you as you leave the road. If your lights fail on a busy or lighted highway, you will probably have enough light from other sources to guide you off the road.

Stuck Accelerator Pedal - If your accelerator pedal sticks while the motor is running too fast, you may be able to free it by hooking your toe under the pedal and attempting to raise it. If not, and you are not descending a steep hill, you may be able to shift into neutral until you have slowed the car down enough so that you can get off the highway for repairs. If you have a manual transmission, you can turn the engine off and the engine will slow the vehicle down. However, if you have power steering or power brakes, you will lose this assistance when you cut the engine.

Letters To The Editor

Dear Sir:

As a lover of trees, flowers, plants and shrubs, it seems to me that we here at Brookhaven are missing an opportunity to add variety, interest and beauty to our landscape. True, there are many more trees, much more green grass and many more shrubs at BNL than in some other areas, but we might find it esthetically pleasing to have a greater variety.

I would like to suggest that employees in various buildings take donations from those who would like to contribute, and that this money be used to purchase unusual trees, plants, shrubs, and even flowers, if the management felt that these could be cared for without undue expense or effort. If it were permissible, we who work here could even plant and maintain these ourselves. I realize that this would have to be done with the supervision and consent of grounds maintenance authorities who would best be able to determine whether a planting were suitable for this climate and where the site for it should be. I would welcome the sight of trees other than the omnipresent pines, birch, oaks, maple and sycamore; flowering trees and shrubs add beauty to the spring landscape, while trees with colored foliage and shrubs with bright berries are a joy to see.

Does this seem like too impractical an undertaking for a place like Brookhaven, and are there "rules" which might prevent such a project from being attempted? Let me hear from some of you who may or may not agree. Thank you.

Clair Hull
Medical Research Center

Arrivals & Departures

Arrivals

George W. Murdock.....Accelerator
Dolores A. Ojeda.....Applied Math.
Victor M. Sassone, Jr.....Syst. & ADP
Robert L. Milowski.....Instr. & H.P.
Alan R. Schmidtchen.....Ph. & Gr. Arts

Departures

Kail S. Brotman.....Plant Maint.
Barbara G. Dodd.....Medical
Stanley D. James.....Nuc. Eng.
John A. Lenhard.....Medical
Irving J. Lipton.....Mech. Eng.
Alfred J. Rehwinkel.....Applied Math.
Jovan M. Simic.....Physics
Carol A. Staley.....Biology
William L. Trousdale.....Physics
Hiromichi Umebayashi.....Physics

BERA Film Series

Thurs., Aug. 10 - 8 p.m. - Lecture Hall

An Evening of the Erotic and Sensual

The cinema has always been a vehicle for expressions of erotic themes especially concerning love, passion, and emotional involvement. Many short "experimental" or "underground" films have been made, but few are ever shown commercially due to censorship or lack of a financial return. This program consists of ten short films dealing with love where the film makers gave full rein to their ideas. Some are strangely obscure and symbolic; some are hilarious; none could be called tasteless. Bring your imaginations and leave your cliches about "avant-garde" cinema at home. If you have intelligent children, bring them. If you're easily shocked or embarrassed this is not your cup of tea.

Movie Tonight: To Love

Short: An Oscar for Mr. Rossi.

Sports Car Gymkhana on Site

On Sunday, August 6, the Laboratory's own Sports Car Club, known as the Brookhaven Lab Auto Sport and Touring Club (B.L.A.S.T.) will conduct a time trial gymkhana over the triangle formed by South Princeton Ave., East Princeton Ave., and Railroad Ave. This will be the most ambitious event ever put on by the club and over fifty entrants are expected including many guests from the conference of Long Island Sports Car Clubs.

Any make or model of car is welcome to be entered, but a rigid technical inspection must first be passed to insure a safe performance from each entrant. Metal-to-metal type seatbelts will be required, and certain makes of swing-axel type cars will have to demonstrate adequate rear wheel camber modification. In addition, all cars must have mufflers, have a valid state registration and be covered by a liability insurance policy.

Cars will be divided into two classes as outlined by the Sports Car Club of America. Novice and expert trophies will be awarded.

Registration will be at 9 a.m., practice at 10 a.m., and the event will officially begin at 11 a.m. and continue until 3 or 4 p.m. Spectators are welcome provided they remain in designated areas and don't wander onto the course.

Anyone wanting further information or desiring to volunteer as a course worker call Stan Anderson on Ext. 2410.

Distaff Softball . . .

It was quite a game last Thursday evening. Final score was 2-0. The first shut-out of the season. Everyone played excellently.

Dr. Rosemary Gellen (Medical) wouldn't let a ball get past her. Splendid playing by Ursula Koch (Accelerator) in right field, and yours truly (Architectural Planning) stopped a well hit line drive at second.

The gals are looking forward to next week's game - possibly another shut-out?
—Dec Skokna

Bowling Tournament Mixed Foursome

Have you signed up for our summer tournament? Application blanks are available at the Recreation Office. Team fee \$10 per team (four bowlers).

Two men and two women constitute a team defined by BERA as BNL employees.

Deadline is approaching, so don't forget to register. New bowlers are welcome as are our regular bowlers. Get in condition for the coming season by joining the tournament.

Port Jeff Bowl Saturday, Aug. 26
Deadline for registration August 18, 1967

Regular Bowling Season Applications

The fall leagues are being organized now. Our leagues are handicapped which helps new bowlers (who are always welcome) and helps us to enjoy the leagues, which are for a good evening of fun.

Deadlines: Mixed League, August 4 (this week); Priority, August 11 (for last year's teams); Registration, August 25.

Five men or four women make up minimum teams (with a reasonable number of substitutes) so get yourself a team and join us this fall. Mixed league will be bowling on either Thursday or Friday.

Individuals who do not have a team may sign up also at the Rec. Office as teams will be assigned from this list.

Fife and Drum Corps to Perform

On Friday, August 4th at 10:30 a.m., the Bayport Fife and Drum Corps will display their marching and musical talents as part of the BERA Children's Summer Recreation Program. The performance will take place at the Recreation Building and will be viewed by the parents and children who attend the morning recreation program.

This group has recently returned from Expo '67 where they were the official representatives of the United States. They have also been asked by Governor Rockefeller to represent New York State at the Expo.

The corps consists of forty-seven young boys and girls who make up a fife line, drum line, colors line, twirlers and majorettes. The feature twirler, Miss Diana Guzik, has won over 300 awards and is presently the New York State Junior Grand Champion.

Crazy Hats the Craziest

The Children's morning recreation program created a world of fantasy on Friday, July 21st with a Crazy Hat contest.

Seventy-five children, each wearing their own unique hat, participated in the special event. The children were divided into junior and senior divisions.

Among the younger group, first place ribbons were awarded to Danny Edelstein, Babette Sybesma, and Rosemary Sherwood. First place awards in the Senior division went to Mareva Daniels, Nur Akcasu, and Jennet Peoples.

Fairway Fables

by Sam LaPlaca



Bob Brown found the Dogwood nine of the Middle Island C.C. much to his liking as he posted a fine 44 (net 32½) for the winner's spot in BGA's 4th special 9-hole event. Ever-so-close behind at net 33 was Charley Flood. Next, Joe Cardamone with another sizzling 37 (net 34) walked away with low gross honors. Other net scores close to the top included: Len Baker, 35½, Jerry Weiss and George Starke at 37.

With completion of the Masters, PGA, British and National Opens, the BGA Championship remains as one of the few "big" ones yet to be contested. The 54-hole medal play tournament will be staged entirely at the Spring Lake G.C.'s 18-hole course August 7 thru Sept. 3. Results of the 3 individual 18-hole rounds must be submitted to Charley Flood by Sept. 6.

BERA Cabaret Evening

Have you heard about our Showstoppers '67 from your friends? Good! Then we will see you tonight (or tomorrow night) at the Center. Come spend an evening with our Cabaret people, and in the words of show biz, Let Us Entertain You.

A bar will be available to lighten your spirits and our cast is ready to keep them high.

Come join the fun, your table is waiting. Reservations may be made by calling Ext. 2808, but hurry, we are hoping for SRO.

Brookhaven Center
Thurs., Aug. 3 - Fri., Aug. 4 - 8:30 p.m.
Admission Free

One More Time!

Tuesday is Dance Night for BERA. The third and final BERA sponsored dance is scheduled for this coming Tuesday, August 8 from 9 to 12 p.m. at the Recreation Building on York Lane in the Apartment Area. Join us and enjoy the fabulous sounds of Tony Forlano's three piece combo.

Beer, soda, chips and pretzels are available for a nominal fee. If you would prefer bring your own liquid refreshments, there is a plentiful supply of ice. The admission charge is only fifty cents. All employees, guests and summer students are welcome. The dress is casual, drag or stag. So come on down and have a blast!

A Halloween Party in July?



They said it couldn't be done. However, on Friday July 28th, the BERA children's morning recreation program held a Halloween Party.

Sixty children arrived in costumes and the following received first place ribbons for their efforts: James Sabine, Masumi Magita, Martin Tallan, Fiona Morrison, and Ben Tycko.

At the party, the children dunked for apples containing money and competed in eating donuts tied to string. The highlight of the party was the colorful parade of costumes designed by the children.

Tickets Available

Personnel Services

Recreation Office - 3 Center Street

Discount Tickets - Tickets may be purchased at a 20 percent discount. Schedules and prices are posted in the Recreation Office. All orders must be placed in person and accompanied by a check or money order made payable to the theatre at least two days in advance.

Bellport Gateway Playhouse - For an extended run at the Barn Theater "The Fantasticks," at the Playhouse from August 8 to August 20 "West Side Story," from August 22 to August 27 "Marat/Sade," from September 5 to September 10 "Barefoot in the Park."

Greenport Summer Playhouse - August 3, 4, 5 "The Knack," August 10, 11, 12, 17, 18, 19 "Look Back in Anger," August 24, 25, 26, 31, September 1, 2, 3 "A Thousand Clowns."

Mineola Theatre - Thru August 13 "Room Service," August 15 to August 20 Jean Pierre Aumont in "Double Image," August 22 to September 3 "Les Ballets Africains."

Wedgewood Dinner Theatre - August 9 to September 3, Tab Hunter in "Bye Bye Birdie."

Westbury Music Fair - Thru August 13 Diahann Carroll in "Peg," August 15 to August 20 Anne Sothorn in "Gypsy," August 22 to September 3, Carol Lawrence in "Funny Girl," September 5 to September 17, "Sweet Charity."

Discount Coupons - Mail in yourself and save up to 20 percent.

Jones Beach Marine Theatre - Thru August 30, Guy Lombardo's "Arabian Nights."

Watch For!
Sale of BERA's
Jet Football Tickets
Soon

Fish Tales



by John Tagliavia

In case you're looking around for someone to thank for the conservation clean-up of Swan Creek, try John McCafferty. John played a key role in making Swan habitable for the hundreds of brookies and browns that were released there in the spring. Most of the fish were 10 to 12 inches long, but John says that many of the previously released fish have attained a length of 18 inches. A fish that length would go about 7 lbs. The reason they grow so large in such a short period of time is because of the abundance of salt water minnows and shrimp. "Swan" as well as "Tuthill" Creek empties into the bay. If you've never caught any of these "salt water trout," you've got a real surprise coming.

If the bass action on the North Shore has been slow, there are two fellows who don't know anything about it. Tony Bono and Richy Ferdinand have been consistently taking large fish at night by drifting worms close to the beach. One night last week Tony's brother landed a 43 lb. bass using this technique. Relax! He's not in the contest. Tony attributes his success to the fact that once anchored, he uses no lights, makes no noise, and brings an ample supply of patience.

John Jenny trolled a 7 lb. 13 oz. fluke at Moriches, and George Sabine a 7 lb. blue at Port Jefferson. Try Moriches inlet during the early morning and Wading River at dusk.

Definition of a fisherman: Jerk at one end of the line waiting for a jerk at the other.

Tennis Tourney Progress

Last year's men's singles champion, John Elmore, was surprised by Al Rosenberg, 9-7, 6-3.

Finalist Inge Faust will meet the winner of the Mary Jane Stangby and Caire Wilcox match in the ladies' singles.

Next week's run-down will include dates and times for the up-coming final matches in all tourney rounds. The Recreation Office would appreciate volunteers to officiate at the final matches. Please call Ext. 391.

Tennis Finals

8/9 - Wednesday - Mixed Doubles
8/10 - Thursday - Men's Doubles
8/14 - Monday - Ladies' Singles
8/15 - Tuesday - Men's Singles
8/16 - Wednesday - Consolation Round
Men's Singles

Archery Workday Scheduled

A "Workday" will be held on Saturday, August 5, at 8:30 a.m. at the Archery Range. Wagons for hauling bales of hay should be brought along. All members past and present are urged to attend.

For further information call Joe Bauernfeind, Ext. 2822.

Antiques Society Fair . . .

Coupons for the 1967 South Country Antiques Society Fair are available at the Recreation Office, 3 Center Street. The Fair is held in Bellport at the Christ Church Parish Hall, South Country Road, on August 17 and 18 from 11 a.m. to 10 p.m.

Sponsored annually by the Antiques Society, the fair is for the benefit of the Brookhaven Memorial Hospital. Early American Arts and Crafts will be highlighted. On display will be Early American farm implements, toys and lighting devices.

Classified Advertisements

Autos & Auto Supplies

64 PLYMOUTH - 8 cyl, 4 dr blue sedan, shift, r/h, excel cond. Less than \$600. AN5-5769.

64 TEMPEST - Custom sports coupe, r/h, auto, ps/pb, w/w tires, 6 cyl, 20 mpg. \$1100. Don, Ext. 7511, SE2-BR3-8458.

59 SAAB GT 750 - W/63 GT 850 engine, Halda, electronic tach & reclining seats. \$350. E. Cole, Ext. 2951.

61 MERCURY - Conv, good cond. \$350. 929-6285.

ENGINE - 60 Buick 364 C.I.D. w/all accessories, low mileage, very good cond. Asking \$100. Dick, Ext. 639.

62 LAMBRETTA MOTOR SCOOTER - 125 cc, less than 3000 mi, 50 mph, 125 mpg, excel shape. Lee, Ext. 2410, 2411.

64 PONTIAC TEMPEST - 4 dr sedan, std trans, good cond, snow tires, avail end Aug. P. Dodd, Ext. 7268, HR3-6864.

62 FALCON STATION WAGON - Excel cond, new valves, carrier, seatbelts, padded dash, owner leaving country. \$700. Hudis, Ext. 647.

60 CHEVROLET - 2 dr, std shift, good running cond, good tires. \$300. Art, Ext. 612.

52 OLDSMOBILE CONV - 55 rebuilt 303 cu in engine, 4 speed auto, pwr top, extras, engine runs well, good tires. \$40. LT9-3269 after 6 pm.

63 TRIUMPH MOTORCYCLE - 650 cc Bonneville, windshield, saddle bags, crash bar, excel cond. \$650. R. Ludwig, HR2-1876.

59 FORD - Std trans, 60,000 mi on rebuilt engine. \$100. K. Hoffman, Ext. 2740.

61 FORD GALAXIE - 2 dr hard top, ps/pb, auto trans, elec windows, new rubber all around. \$575. Powell, Ext. 567.

66 IMPALA SUPER SPORT - 2 dr hard top, ps, 4 speed trans, 327 engine, gauges, etc, blue, like new, can be seen after 4 pm on site. 281-5838.

66 CHEVROLET CAMINO TRUCK - 13 mos old, 1100 mi, 230 big 6 engine, std, mint cond, altex, bronze. \$1795. Hal, Ext. 2969.

62 CORVAIR MONZA - 2 dr hard top, auto trans, good tires, bucket seats, excel cond. \$550. Ext. 2572, 732-8374 after 5:30 pm.

65 ALLSTATE SCOOTER - Buddy seat, luggage rack, helmet, goggles. R. Lehn, Ext. 483.

51 WILLYS BEACH BUGGY - 2 wheel drive, runs well. \$100. Tunney, Ext. 2741, 286-9723.

64 VOLKSWAGEN CONV - Lt blue, like new. \$1000. SE2-8818 after 5:30 pm.

66 HONDA - 65 cc, black, excel cond, 4000 mi, 200 mpg. 289-3190.

66 YAMAHA - 250 cc Catalina, 5300 mi, excel cond, 2 helmets, cover, other extras. 941-4696 after 6 p.m.

64 CADILLAC COUPE - Dk blue. C. Frua, Ext. 7164, 281-5710 after 5 pm.

63 CORVETTE CONV - Midnight blue, 327, 4 speed, AM-FM radio, good cond. \$2100. Lee, Ext. 7637.

PORSCHE WHEELS - 4 1/2 x 15, \$10 ea; Porsche drum brakes, will fit VW to '65, \$50/set; 5.50x15 Good-year T6 racing tires, \$10 ea. J. Alderman, Ext. 2951.

59 STUDEBAKER LARK - 6 cyl, good cond, new tires. \$95. 744-2266.

8.55x14 TIRES - 4 Dunlops, used only 3000 mi, \$18 ea; 2 snow tires, on wheels, 10,000 mi, \$6 ea. J. Stehn, Ext. 2449.

60 RAMBLER - 4 dr, auto trans, good tires, excel mech cond, r/h, seat belts. \$225. H. Blum, Ext. 7602.

CARBURETORS - 6-2's, Stromberg 97's, intake manifold, for Chevy V8. \$75. Ext. 2852.

4-71 BLOWER - GMC, for Chevy V8. \$300. Ext. 2852.

66 VOLKSWAGEN - 15 mos old, 15,000 mi, perfect conc, extras. \$1200. J. Clarke, Ext. 2527.

Boats & Marine Supplies

19' MORICHES BAY CB SLOOP - Fiberglassed hull, sails, 3 1/2 hp long shaft outboard. Best offer over \$300. Cockrill, Ext. 7676, AT6-3649.

17' SAILBOAT - Fiberglass O'Day Day Sailer, dacron sails, 3 hp Johnson outboard, all excel. \$1400. Ext. 395.

SAILFISH - Good cond. \$100. N. Schinn, Ext. 2256, AT6-8772.

9' DYER DHOW - Reconditioned sailing & rowing dinghy, sail, oars, anchor. \$200. N. Elliott, Ext. 679.

15' YELLOW JACKET - W/18 hp Johnson (just overhauled) on Tee Nee Trailer, all in top shape, many extras, incl 2-6 gal gas tanks. Asking \$395. Ken, JU4-6326.

2 CLAM RAKES - 18" & 24" wide, w/handles, \$25 ea. B. Rosser, Ext. 7782.

18'7" THOMPSON SEA SKIFF - New navy top, 50 hp Evinrude outboard, many extras. \$950 firm. Bob, GR5-5542.

16' CABIN BOAT - W/40 hp Evinrude, excel cond. 727-0956 after 6 pm.

7 GAL PRESSURE GAS TANK - For outboard motor, like new. \$20. Ext. 7335, GR5-1997.

17' SKIFF - 60 hp marine engine, cover, all excel cond, ready to go, must sell. M. Greene, Ext. 7779.

64 CHRIS CRAFT CAVALIER - FW cooled, 70 hrs, sleeps 4, factory hard top, radio depth finder, must be seen. \$6000. JU1-7567 after 6 pm.

16' PLYWOOD RUNABOUT - 35 hp Evinrude elec start, needs paint, good deal at this price. \$250. 286-8108 after 6 pm.

18' CB SLOOP - Must sell, make an offer. Ext. 367.

JET 14 - W/trailer, dacron sails, fully equipped, fun to sail. Ext. 7367, HR3-7705 after 7 pm.

Miscellaneous

STORAGE TANK - Cold water, 30 gal Brady, galv, 2 mos old. \$10. G. Loesch, Ext. 476, GR5-5394 after 5:30.

GE CAPACITOR MOTOR - 110 volts AC, 1725 rpm, 1/5 hp, excel cond. \$5. 727-3608.

4 POINTER PUPS - Excel breed, cheap, call for information. Bill, Ext. 2987.

AKC COLLIES - Champion blood lines, health guaranteed, 2 males, 1 female. \$50. R. Breuning, 924-8681.

GERMAN SHEPHERD PUP - AKC Champion pedigree, beautiful female, shots, paper trained, reasonable. Ext. 2831.

TWIN BEDS - Cordovan book case, head boards, foot boards, box springs, mattresses, excel cond. 929-6261.

REFRIGERATOR - RCA Whirlpool, 10.6 cu ft, 2 yrs old, excel cond. 929-6261.

CAMPER - Fits 1/2 or 3/4 ton pickup, home made, needs a little work. Best offer. GR5-4199.

BEDROOM SET - Triple dresser w/mirror, chest drws, double bed, contemp mahog, 1 yr old. \$200. P. Dodd, Ext. 7268, HR3-6864.

OAK POOL TABLE - Regulation size, slate top. AT6-1373.

5 CAST IRON RADIATORS - 20" high x 6" wide, approx 15 sections ea, steam or hot water, reasonable. Ext. 423.

BLACK GELDING - English broken, leaving for college. Adele, 286-1087.

FREEZER - 14 cu ft upright, 1 1/2 yrs old. New \$220, take it away (no stairs) for \$140. B. Kohler, Ext. 395.

KID & LAMB - Prize winners at Patchogue Pet Parade. Female kid, \$35; lamb, \$25. R. Breuning, 924-8681.

EXPO 67 TICKETS - 4 adult, 2 children. Paid \$12.50, sell \$10. F. German, Ext. 7204, 2151.

21" CBS TV - Table model good operating cond, \$25; baby carriage, \$5. 475-4627.

TUTORING - In Latin, English or Greek by Columbia Ph.D. candidate w/high school & college teaching experience. 744-8473.

ROUND OAK TABLE - Very old, needs some work, 7 leaves, seats 20 people. \$50. B. Kohler, Ext. 395.

REFRIGERATOR - 9 cu ft Frigidaire, w/freezer, excel cond. \$60. 286-8108 after 6 pm.

COLLINS 51 JZ RECEIVER - 0.5-30.5 MC, rebuilt PTO & band switch, ext power supply, 7360 product det. Ext. 7101, 2951.

PIANO - Upright, ugly appearance but beautiful tone & action. \$200. Chapman, 281-3729.

CRIB - W/mattress, hardly used. \$15. Andy K., Ext. 2516.

GOLF CLUBS - Wilson "Top-Notch" 2-9 irons, pitching & sand wedges. \$40. Mike, Ext. 7174.

2 EICO SPEAKERS - Model HFS-3. \$40 ea, 2 for \$70. Ext. 7662, 744-8689.

SPREADER - SCOTT 18" model 35-3, used 1 season, like new. \$9. Hank, Ext. 481.

LAWN SWEEPER - Good cond. \$12. Hank, Ext. 481.

EARLY AMERICAN COUCH - New slipcovers & maple platform rocker, matching side armchair. All for \$100. YA4-8462.

GETZEN TRUMPET - Purchased spring '67, used only 2 or 3 times, absolutely in brand new cond. \$90. Bill, Ext. 2393, 724-3035.

2 BUNK BEDS - Full size, excel cond, color limed oak. can also be used as individual beds. \$45. Bill, Ext. 2580.

DOG HOUSE & RUN - 5 ft wrought iron fence w/gate, run is 12' long. B. Doran, HR3-9232.

DISSTON POWER MOWER - Professional type, self powered, 6 hp Briggs & Stratton, recently overhauled, works well. Asking \$35. AT9-1339 after 6 pm.

PLANTS - Cabbage, cauliflower, broccoli. 45¢/doz. Ext. 7166.

BABY CARRIAGE - "Builtwell," all vinyl, padded coach, excel cond. \$35 firm. 589-0247.

SINGER SEWING MACHINE - "Round Bobbin" elec, w/cabinet, very good cond. \$35 firm. JU5-8322.

4" FOAM RUBBER MATTRESS - Sears, double size, never used, still in carton. Orig price \$38, will sell for \$25. GR5-0037.

GE AIR CONDITIONER - Multi-rm cooling, 16,300 BTU, 230 volt. \$100. Ext. 310, 928-0466.

GUILD GUITAR - W/carrying case, excel cond & tune, steel strings, model A-50. \$150. G. Baker, 286-1218.

PICTURE WINDOW - 8' w/storms & screens, used. \$30. AT6-9569.

YELLOW LABRADOR PUPS - AKC, 8 wks, 1 male & 1 female left. \$100. M. Fleming, Ext. 2180.

PIANO - Sterling Spinet, 3 yrs old, blonde, excel cond. \$375. AT6-0795.

GUITAR - Beginner's, Egmond Freres Holland. \$15. C. Cantera, Ext. 301.

LAWN MOWER - Sears rotary 22", cast aluminum cover, 3 hp, grass catcher, \$30; children's climbing tower, \$8; children's slide, \$5. AT6-0099.

POWER TOOL SET - Millers Falls, case, speed drill w/attachments, 6" saw, planer, bench grinder. \$50 - less than 1/2 wholesale price. Ogle, Ext. 2845.

V NICKELS - After 1896, 50 fair-AG, \$3.50; 81 AG-G, \$8; before 1897, 20 fair-G, \$10. Ext. 2191.

TOY POODLES - Male & female, AKC registered. 472-0070.

KENMORE CLOTHES DRYER - Like new, still under guarantee. Cost \$210, sell for \$140. M. Goldberg, Ext. 7674.

Houses

NORTH BELLPORT - Ranch, 3 bedrms, tiled bath, oil hot water, fireplace, huge liv rm, lg kitchen, full basement. \$13,500. 286-9639 after 5:30.

BELLPORT SOUTH - Spacious 4 yr cape, 4 bedrms, master bedrm 28x20, 3 baths, liv rm, mod fireplace, panelled din rm, fam rm, full basement, kitchen, garage, 1/4 acre. \$34,000. AT6-0099.

BROOKHAVEN VILLAGE - Waterfront colonial, 3 bedrms, panelled liv rm & den, breakfast rm, din rm, 1 1/2 baths, double garage, bulkheaded dock, 1/2 acre. \$33,000. AT6-0322.

WADDING RIVER - 2 bedrm ranch, w/w carpeting, baseboard hw heat, double garage, landscaped, 130'x150', dogwoods surrounding area. 929-4714.

MILLER PLACE - 2 yrs old, 3 bedrm ranch, din rm, liv rm, kitchen, laundry rm, 2 baths, garage, landscaped lot 100x150. \$21,500. 744-2821.

BAYSHORE - Tudor English style home, 3 bedrms, 1 1/2 baths, den, fireplace, 2 car garage, brook borders property, near everything. \$25,000. Brownie, Ext. 2380.

MASTIC BEACH - Ranch, 3 bedrms, 2 baths, lg master bedrm, 1/2 acre beautifully landscaped, built-in swimming pool, full cellar, garage, conv to schools. Sacrifice. 281-7245.

SELDEN - Split level colonial, 1 yr old, 8 rms, 1 1/2 baths, garage, basement, fully landscaped, patio, fenced. \$19,500. R. Burgess, Ext. 7684, 732-7649.

NORTH PATCHOGUE - 3 bedrm ranch, finished basement, fireplace, panelled liv rm, 1 1/2 baths, near schools, bus stop. \$16,000. 475-4627.

FLORIDA COTTAGE - 5 furnished rms & bath on beautifully landscaped lot, near West Palm Beach. B. Petersen, Ext. 2248, 286-1366.

For Rent

2 BEDRM RANCH - Medford, avail Sept 1. GR5-9398.

4 BEDRM HOUSE - Bayport, 2 baths, lg liv rm, screened porch, near bay. \$250. H. Cherubini, Ext. 414.

4 BEDRM CAPE - Bellport South, 4 yrs, 3 baths, liv rm, mod fireplace, panelled din rm, kitchen, fam rm, full basement, garage, extras. \$225/mo. AT6-0099.

10x12 HIGH WALL TENT - Reasonable rates, some weekends left. 273-6436.

MONTHLY - 2 bedrm, completely furnished, all util, near ocean, Deerfield Beach, Florida. Reasonable, Ext. 2172.

FURNISHED HOUSE - 2 bedrms, fireplace, patio, lg yard, mod kitchen, washing machine, cat (optional), avail end of Sept. \$110/mo. T. McMahon, 281-7494.

Wanted

HOME - For gentle, purebred, female Labrador Retriever, 2 yrs old. A. Beckwith, Ext. 2349.

USED SURFBOARD - No "dings," must float. Ann, Ext. 456.

DRIVER - To drive car from Stone Harbor, NJ to Fort Pierce, Florida early Sept. Howard, Ext. 2845.

RADIO & ANTENNA - For VW. Hooper. Ext. 7464.

BARREL - Lg, preferably wooden, cargo net. George, Ext. 9027.

ADOPTIVE HOME - For adorable 1 yr old spayed, well disciplined toast & white colored cat. Marcia, Ext. 2743.

HUMANITARIAN - To adopt adorable 1 yr old spayed cat, well disciplined toast & white cat that I'm going to murder if no one takes her soon! Herb, Ext. 686.

BABY CARRIAGE - In good cond, convertible as stroller. Gopi, Ext. 650.

BILGE PUMP - 6-v auto, good cond, have good 12-v batt, new 12-v man Sutton, disassembled 6-v auto, Sutton to trade. Ext. 379, LT9-3269.

TYPEWRITER - Good cond, reasonable. Pearl, 744-3807.

MINI BIKE - Must be in good running cond. G. Roger, Ext. 2428.

Carpools

FORM - Flexible carpool from Huntington. M. Leopold, Ext. 2549.

PAYING RIDER - Wishes to join carpool from Mastic Beach. D. Kimlin, Ext. 2365.

RIDE - Or rider from Hampton Bays. Kazdin, Ext. 2261.

TO FORM - Carpool from Deer Park area. P. McHugh, Ext. 7164, 586-3579 after 6 pm.

Lost & Found

FOUND - Ronson "Vavafame" cigarette lighter, at AGS in G-10 exp. area. R. Kerzner, Ext. 2852.

Classified Ad Policy:

1. The Bulletin Board'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. Persons listing houses, apartments, or rooms for sale or rent, do so with the understanding that these must be available without regard to race, creed, color, or national origin.
4. Ads associated with a full- or part-time business cannot be accepted.
5. Ads should be restricted to 20 words or less and typed or

printed on the form provided. (Additional copies of the form are available at the Bulletin Board office.) Twelve noon on Friday is the deadline for inclusion in the following week's issue.

6. Ads are run on a space-available basis; those not carried because of space restrictions will be held for inclusion in the next issue.

7. Ads are run only once and must be resubmitted if they are to be repeated.

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| <input type="checkbox"/> For Sale: Auto & Auto Supplies | <input type="checkbox"/> For Sale: Houses | <input type="checkbox"/> Carpools |
| <input type="checkbox"/> For Sale: Boats & Marine Supplies | <input type="checkbox"/> For Rent | <input type="checkbox"/> Check <input type="checkbox"/> the heading applying to your ad. |
| <input type="checkbox"/> For Sale: Miscellaneous | <input type="checkbox"/> Wanted | Print or type your ad in 20 words or less. |

(Name & Phone No. To Call)

If this ad concerns housing for sale or rent, such housing is available without regard to race, creed, color, or national origin.

Employee's Signature Life No. Ext.

Send to: BULLETIN BOARD, 40 Brookhaven Avenue