

For a change...calm waters



Bryant and Greene co-star on Flagstaff Mt, Colorado.

WET FEET AND A FLOWING SEA

"We reached the Rockies on the fourth day out," scribbled Prof. Lynwood Bryant (Tech Press) in true pioneer style, "... and are getting tired of my cooking." Bryant, along with Profs Ted Wood and William Greene (Humanities), were just four days out of Boston on their way to Utah and the Dinosaur National Monument, there to be joined by John Rule (Dean of Students) for a four-day, 80-mile excursion down the Yampa and Green Rivers.

A total of 18 enthusiasts turned up for the trip, among them one intrepid couple celebrating their golden wedding anniversary.

Both rivers were higher than usual, due to the constant spring and summer rains. But the two rubber boats, guided by expert oarsmen from Utah, undulated over waterfalls and plunged through rapids with ease, while a dozen cameras blinked at the towering canyon walls on each side. Camp sites were dramatically located, the cuisine was "supreme." The only drawback on the voyage (especially for those with only sneakers aboard): wet feet all the way -- and often more than the feet, as Prof. Greene in particular will vouchsafe.

Wildlife on the trip was not numerous. The M.I.T. contingent reported a few deer, a hatful of rabbits, four snakes, a lizard, and one thoughtless toad ("the size of a grapefruit") who, on his way to a nocturnal bath, thumped gamely across Prof Wood in the middle of the night. But the foursome did nearly make an historic discovery. While crossing a desolate stretch of prairie not far from Moab, Utah, they came across an ancient and weather-beaten fort. The historians in the party excitedly labeled it a military outpost against the Indians--only to be told that the structure was indeed an outpost...built by Hollywood magnates and still used, on occasions, for whooping things up in the movies.

AH, WILDERNESS!

In a two-week run through Nova Scotia, Dick Collins (B&P) flicked a line at lake trout, sea trout ("too elusive"), cod, salmon ("on the fourth day a man stepped in where I had been fishing

and nabbed a 22-pounder"), eels, and pollack. Not content with this selection, he also dabbled for oysters. To complete the menu, Mr. & Mrs. Collins retired, well stuffed, from the famous Lobster Festival on Cape Breton, started in all over again right afterwards on some smaller specimens provided by fisherman friends who had donated all their biggest lobsters to the Festival. "We groaned for a while," said Dick laconically, "but it was worth it."

Camping on Lake Sebago, Maine, for two weeks is Jim Hammond (Aero. Structures Lab), his wife and three children. The greenest member of the pioneering party: son Scotty, aged 18 months.

Undaunted by the thermometer, George Burr (Servo Lab) is exploring the sunshine in Florida.

On her way to Nassau "to look for pirates" (and only incidentally treasure) is Betty Anne Farmer (Civil Eng.).

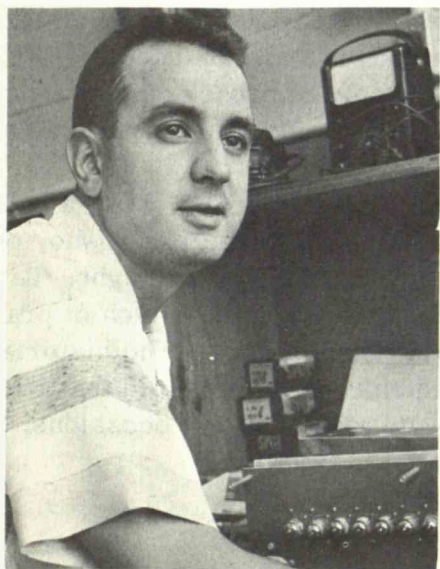
Ed Nealand (Purchasing) is up in St. Alexis des Monts, Canada, this week trying to outwit the wily "land-locked salmon."

Recently returned from Maine is Fred Fassett (Dean of Residence). His comment: "Perfection as usual."

For his vacation, Art Newell (Lincoln Lab) took six Wellesley high-schoolers on their first camping trip. The locale: the White Mountains. "The kids were pretty confident when they started out," said Art, but they changed their tune a bit when a strange animal sounded off for the better part of the first night out. Art gave the group a fine trip, and the youngsters came home "tired but happy."

Also sampling camping areas in the White Mountains recently was Phyllis Jenkins (Instrument. Lab). Said Phyllis: "Never saw four walls except when we stopped to replenish our supplies (bread and milk)... gorgeous scenery... nature is great except for the blasted mosquitoes."

"We had a party a night," said Ellie McPeake (Registrar's Office) of her week on Nantucket Island. And this time it wasn't fishing.



Providential Al

AS LONG AS HE NEEDS IT

"This help will be a real Providence," wrote 13-year-old Guiseppe Nicolosi to his new foster father in America. Guiseppe lives in Catania, Sicily, with his ailing family, whose total income at the moment is just over \$30 a month. The "Providence" he refers to is Al Libertini of the L.N.S. Electronics Shop (newly moved from Bldg. 20 to the Compton Lab).

With Al's help, Guiseppe is going to school regularly (he's a very bright youngster), has more to eat and more in his wardrobe than he's ever had before. His dream of becoming a seafaring man has also gained momentum. "I am attending the second grade," he writes to Al, "of a mixed course where I learn some fishing, some navigation, and the use of some tools... If I am able to finish my study-- which I like very much-- I hope to go into the naval carrier. Then I'll probably be able to come and hug you." This would

be fine with Al, since so far he has been acquainted with Guisepppe only through photographs and letters.

Al, who has been constructing electronic instruments at M.I.T. since his graduation from Medford High School in 1949, is supporting Guisepppe through the Foster Parents' Plan, Inc., an organization which gives financial help to needy children all over the world. (Areas of concentration at present are Vietnam and Korea). Every month he sends \$15 along to headquarters in N.Y.C., and, when he can, special packages of food and clothing. These, in turn, are forwarded to Guisepppe.

Al's enthusiasm about the project has been somewhat catching around the Electronics Shop. Anyone can sponsor a child, he points out, by himself or with a group. Newest member of the plan is Joe Roxboro, another technician in the Shop, who is now keeping a long-distance eye on a Polish youngster living in West Germany.



No ordinary wastebasket

NO RADIO - ACCIDENTS

These days when you apply for a job in certain M.I.T. labs you may be asked, in addition to the customary "schools attended," etc., such a question as: "Have you ever worked with nuclear reactors or nuclear bomb-testing devices?"

The answer to this question is the concern of the M.I.T. Radiological Safety Lab which, as a branch of Occupational Medical Service, has the big responsibility of safeguarding "all procurement and use of radioisotopes at M.I.T." At the moment this means keeping a careful eye on 40 or 50 labs where radioactive materials are being handled, some 500 human beings working in those labs, and the following equipment: 11 high-energy particle accelerators (among them the Cyclotron and the Synchrotron), about 30 x-ray diffraction machines, and an undetermined number of electron microscopes. Not included in this list - yet - is the biggest giant of all: the nuclear reactor now being built on Mass. Ave.

According to Sam Levin, Lab Director (see left), the Lab's main business is to supply the best possible protection to personnel working in the above areas, so that radiation exposure is kept well within permissible limits set by the Atomic Energy Commission. Towards this end, R.S.L. technicians (Edward Karaian, Rose Nolfi, Joan Leary, Jim Rankin) make frequent checks of the radioactivity level in machines and materials, in and outside the people working with them, and in the very air itself. They issue radio-sensitive "film badges" and geiger counters. They take blood counts. They provide gloves, hoods, masks, tongs, shielding materials, and other protective equipment. They tell people what hazards to be on the lookout for, and how to deal with them should they occur.

The Lab also has the job of making sure that all radioactive wastes are properly and safely disposed of. For solid materials, special fiberboard baskets are provided; for liquids, special glass containers. When filled, these are piled in a cement storehouse near Bldg. 58. When the storehouse is filled, every basket and jar is itself encased in concrete, transferred to a ship, and dumped over the edge of the Continental shelf some 200 miles off the Maine coast.

With radioisotopes becoming "more and more fashionable," as Sam puts it (there are about 800 different radioisotopes being artificially produced right now), safety education is becoming more and more essential and the Lab's load more and more bulging. Also bulging is its file of records which, because of all that is not known about human reaction to radioactive exposure, must often cover in detail a period as long as thirty years. To date M.I.T.'s records are outstandingly clean, the A.E.C. standards well met throughout.



Golfer Goss

FORE TROPHIES

For those, like us, who gambol around the course at the rate of a hole an hour, Bob Goss (Metallurgy) holds out new hope. Bob has been golfing for just two years. He has skimmed through a book or two on the subject but has never had a lesson. His trophy count to date: four--including, most recently, first in the Bay State Golf Association tournament (June 30) and first, Class C, in the Capesters Golf Association tourney (July 7). We don't know the results yet, but last weekend Bob was off in New Haven swinging for a fifth.

A metallurgical technician by trade, Bob spends most of his time making precision measurements and x-ray studies of metals. He hasn't begun x-raying silver cups yet, but the trophy collection should offer a fertile field.

RECOMMENDED

Jerome Kilty and Cavada Humphrey, both of Brattle Theatre fame, will combine their considerable talents in Kresge Auditorium on July 31st for the New England premiere of "Dear Liar", a play for two voices, based on the letters of G.B. Shaw and Mrs. Patrick Campbell.

INVALUABLE

Prof. Harold Weber (Chem. Eng.) has been awarded the Chemical Corps' Certificate of Achievement "in recognition of his invaluable contributions to the Army Chemical Corps and to the National Defense effort from 1940 to 1957."

FOR SALE ETC.

Stenotype machine, carrying case and instruction book. 6 mos. old. Excellent cond. Mrs. Kittredge, Ext. 7135 (Lincoln) or Emerson 9-2473 after 6 p.m.

Anyone for pets? I have, for sale, Fancy Pigeons or Tropical Fish (Vail guppies). MO 6-9876.

'56 Jaguar XK 140 MC white roadster. Chrome wire wheels. Fully equipped, including radio. Show-room condition, 9,000 miles. \$2850. RI2-1564 or Ext. 456 (Lincoln).

Mod. Furn. apt. for rent. 6 rms. and sunporch. 3 Brs, lg. DR, lg Lr, all-electric K, B. Garage. Children acceptable. \$175/mo., including h.w. & heat. 577 Highland Avenue., Malden. Mrs. Miller, North Reading 4-4304.

Lexington, Manor section. Attractive Dutch Colonial. 6 rms, 1/2 B, mod. K, porch, laundry in basement, oil heat, heated garage. 1/3 acre (landscaped) on quiet street. Ideal for family with children-school less than 1/4 mile away. Taxes and heating costs nominal. Priced in low twenties, immediate occupancy. Owner, VO2-3200.

Lexington, Fiske School area. 4-Br Cape. 2 baths. LR with fp, porch, heated garage. Cedar-fenced yard with barbecue. Excellent neighborhood. Sept. occupancy. Price on private sale: \$20,000. Ext 733 or VO2-0438.

3 girls have apt. to share with one more person. Mellon St., Camb. M. Williamson, Ext 2705.

Lexington. '54 5-rm ranch. LR with fp, DR, 2 lg Br (or could use as 3 Br). 6 lg closets. Gameroom with fp, laundry, and B in basement. Alum comb. windows. Garage. Dead end street. Landscaped lot. \$17,900. John Zvara. Ext. 2735 or VO2-0947.

Nahant. Mod year-round 6-rm Cape Cod. LR with fp, DR, ultra-mod. K, BR 1st floor; 2 lg BRs 2nd floor. 1 1/2 B. Lg porch, steam heat, auto. oil, lg basement rms. 1-min. walk from beach, always cool in summer. \$19,000. Ext. 2243 or JU 1-0487.

Needham. Reduced for quick sale: 1-yr-old 3-BR split-level. 2B, 2-car garage, den, all-elec. K. Lg lot. Accesible to schools & trains. 4 1/2% mortgage avail. \$24,900. Helen Morgan, Ext. 3501 or NE3-4616-J.

No. Billerica. 3-BR ranch. Full dry basement with partitioned playroom. Forced hw baseboard heating, alum. comb. windows. Town water. Black top drive. Low assessment. 17,000 sq. ft. lot. Finished street. Furnished, \$14,500. Unfurnished, \$13,500. MONTrose 3-4654.

Wanted: 1 baby crib in good cond. Eddie Lassiter, Ext. 2792.

Wanted: 5 hp outboard motor. Erwin Schowengerdt, Ext. 383 (Lincoln).

Desperate: studios sculptor for studio, pref'ly in Harv. Sq. area. Ideal: 30x40 ft. garage-type room, 15 ft. minimum overhead, ceiling beam(s) for operating hoist, lots of light, concrete floor, running water. Gus Walker, Ext. 174