

44 Cadets Set For Advance ROTC Course

Forty-four Cal Poly ROTC cadets selected on the basis of grades and leadership qualities, have been announced eligible for the advance ROTC course at the start of Cal Poly's fall quarter, Monday, Sept. 20.

As members of the west coast's first "Branch-General" ROTC program and having completed their basic training, they will be accepted as advanced cadets subject to final physical examinations and will work toward reserve or regular army commissions. Their eligibility was announced by Lt. Col. P. A. Loisel, head of military science and tactics.

Modeled on West Point lines, Cal Poly's ROTC program trains its cadets along general army phases. Graduates are not assigned to particular service branches until completion of their program.

The selected list included: Omer King, Jr., Francis Gaffney, James Raber, Donald Benson, George Johanknecht, Charles Bower, John Mitchell, Edward George, Donald Morrison, Richard Simpkins, Robert West, Richard Carlson, Randolph Wahler, Grant Miller, Vern Highley, John Reid, Edward Fryk, Homer Harper, Adrien Aitken, Karl Walts, Peter Mohlschau, Gene Rega, Norman Rader, Charles Bakeman, Kenneth Kaufman, Victor Buccella, Lloyd Bush, Edmund Kerstan, Robert Miller, Raymond Werner, Franklin Holt, John Rodenmayer, Charles Burk, Clarence Shackelford, Bob Brassfield.

Cal Poly Youngsters Taught To Swim In Organized Class

Children of Cal Poly's students and employees are enjoying the use of the swimming pool under the guidance of assistant football coach Shelden Harden and his student instructors, J. D. Phillips, Robert Mason and Robert Dupuis.

Swimming instructions are given four mornings of the week, Monday through Thursday. Although most children knew the fundamentals of swimming, they were started out on elementary procedures and are gradually being advanced to the more complex styles of swimming, Harden says.

Basic instructions in kicking, floating, breathing and stroking are the more important of the instructions, said Harden.

Two classes are given, one for beginners on Monday and Wednesday and one for advanced on Tuesday and Thursday.

Swimming instruction has been a major function of the P.E. department program for children of the school's teachers and students for the past five years.

Children participating in the swimming class include:

Advanced: Bryan Servatius, Ken Bowles, Julie Holmquist, Nicky Zilka, Pat Carroll.

Beginners:

Johnny, Richard, and Charles Agayal, Johnny Carral, Susan Whitmore, Margie Loisel, Leslie Servatius, Michelle Harden, Linda and Dianna Gail Levy, Tommy Boyle.

Is Your Secret Ambition To Be A Reporter? El Mustang Needs 'Talent'

The ag journalism department with attendance during the summer sessions at a low level, is hard pressed to garner all the local news for El Mustang, means Editor George Hunter.

News of club activities, unusual hobbies of students in school or any story pertaining to campus activities will be welcomed. Anyone with a literary bent who wishes to see his efforts published may contact Hunter in Room 21, Ad building. He'll be glad to see you!

PL 346 VETS—PLEASE NOTE!

If you are enrolled for less than five units for the current four-week session and you intend to enroll for the six-week term in five or more units, you will need a new certificate of enrollment (VA 7-1909) in order to continue to receive full subsistence for the six-week term. All PL346 students enrolled for less than five units in the current four-week term will automatically be dropped to less than full subsistence until the new enrollment form is processed.

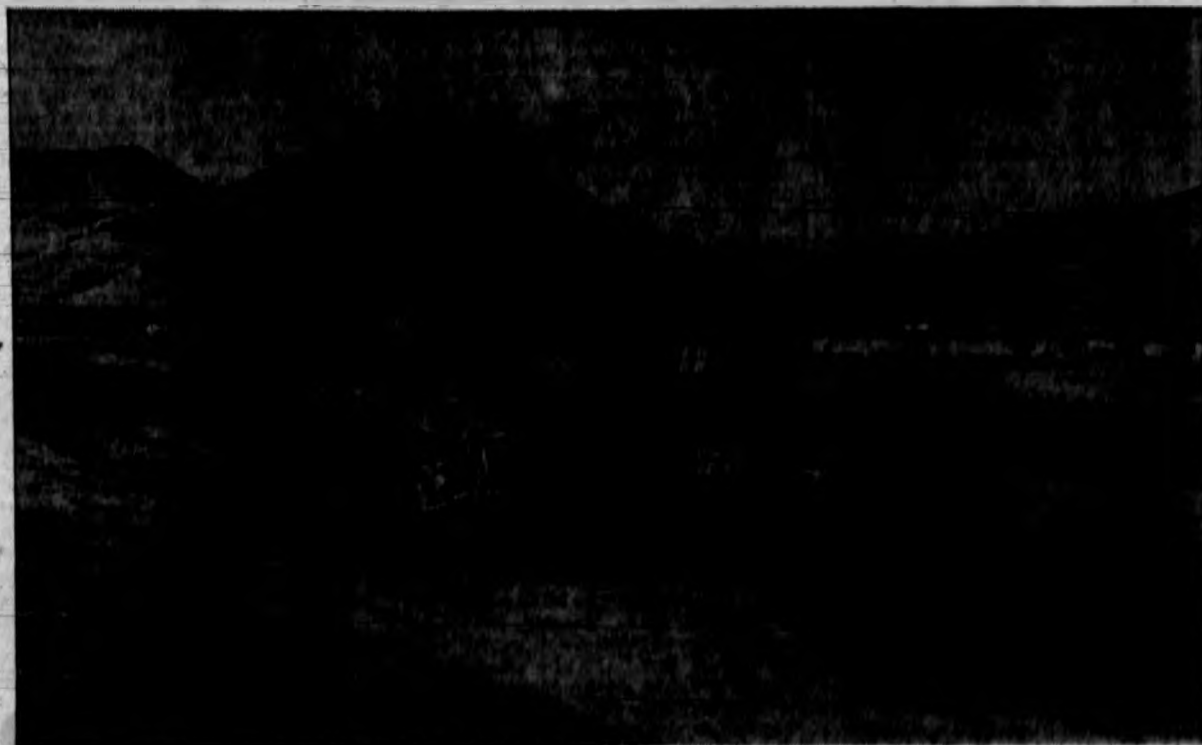
El Mustang

CALIFORNIA STATE POLYTECHNIC COLLEGE

VOL. 14, NO. 29

SAN LUIS OBISPO, CALIFORNIA

FRIDAY, JULY 16, 1954



PRELIMINARY STEP . . . Heavy equipment is shown grading the area to be occupied by the \$2,000,000 Science building, scheduled for completion July 1, 1955. The 90,000 square foot "all on one floor" structure will follow the gradient of the land by series of "steps." Photo was taken from the newly constructed ME Central Heating building looking toward the dairy manufacturing and architectural engineering laboratories and classrooms. (Photo by Frank Reische)

Scooter Service Expedites Mail Delivery And Pickup

July 1, 1954, was the starting date of a new service to the faculty that will expedite communication on Cal Poly's fast expanding campus. It's the messenger-mail service.

Donald B. Williams has started off on his appointed rounds, which cover the entire campus, twice daily. As the campus expands, new stops will be added to his list of the 45 already appointed. The mail scooter he uses is equipped with racks on which are hung white canvas mail sacks, which are sorted in order of the stops he makes. At each stop he leaves a sack of mail and picks up the outgoing sack.

This new system was proposed by the College Council as an efficiency and economy measure and is designed to save many an instructor many a step. Interdepartmental, general office and U.S. mail is picked up and delivered to its respective address.

Williams' title is intermediate clerk and his duties are under the direction of the business management division on the campus, of

which Don Nelson is the head. The job requires about six hours enroute, and two hours are devoted to sorting and routing. Owen Servatius was instrumental in laying out the route and the stops to be made. Servatius showed Williams the ropes by going with him on the first trips along the route.

Servatius says that the new service will greatly speed up correspondence between the different departments as well as the overall efficiency of the school.

During rainy days one of the staff cars will be used in place of the scooter.

All faculty members are advised to have their personal mail sent to their home addresses, which will relieve some of the burden of Williams' job. It was originally planned to have students employed for the messenger service, but due to conflicts in schedules it was required that a full-time position should be set up due to the responsibilities involved.

Avila Beach Offers Boating, Fishing And Safe Swimming

By Bob Dupuis

Have you guessed how fortunate we of the southern part of San Luis Obispo county and northern Santa Barbara county are to have Avila Beach, "the safest beach in California." It has no rip tides, undertows or vicious currents. The sands of its beach extend in a shallow entry of the mighty Pacific with no holes or underwater obstacles, to hinder the swimmer or the more agile users of surf boards.

The beach, with its half mile of uninterrupted sand, is even and offers the sun bather a place to stretch his beach blanket, play volleyball, walk, run or just lazily sit and watch others in their everyday beach activities.

Under the protection of guard Gene Elvin during the week and an assistant guard on the weekend (both qualified water safety instructors) the safety of the beach is well assured. Both guards have had first aid experience and any injury, small or large, should be reported immediately for attention and dressing. Advice for further treatment will be given.

With good sanitary conditions and rubbish disposal cans distributed along the beach, it has been kept reasonably uncluttered, thanks to four young men who clean up the beach so that the followers of the sun can enjoy a restful day. These young men rake the beach every day, bury the seaweed that inevitably makes its way to the beach, and the rocks that perpet-

ually rise to the surface of the sand.

Straying away from the beach, Avila is found to be a very good fishing area, both deep sea and surf. There are two piers for the convenience of fishermen.

Deep sea boats available are the Alaskan, A.B.C., and the Arctic. The Arctic, skippered by Pete Roberts, is available for private charter. The owner of these seaworthy boats is Johnny Wilson, a resident of Avila. Tickets for fishing parties are purchased from Pete's Tackle shop on the main street.

Prices for the Arctic, A.B.C., and Alaskan are \$3.75. Pole rental aboard ship is \$1.10, hooks and leaders 60 cents. Bait is free.

No clams are found at Avila, but with all the other pleasures at your fingertips, what else would the sportsman want?

Texas A and M Ag Head Visits Poly Campus

Dean Charles Noah Shephardson, head of the school of agriculture at Texas A & M was a visitor on the Cal Poly campus this week.

Dean Shephardson was shown the campus by Vard Shepard, Cal Poly dean of agriculture.

The visitor expressed interest in the Cal Poly project and foundation program and was impressed with the local agricultural instructional facilities.

Dean Shephardson is on a tour of California.

Familiar Commando Is Slated For Commercial Run

By William Chabot

All the commotion that's been going on at the hangar the past two weeks has been preparation of the familiar twin engine C-46 for its take-off from Cal Poly's airstrip. It was recently purchased by Ben Widfeldt, San Francisco, from the Office of Health, Education and Welfare for approximately \$17,000.

The airplane was originally bought in 1947 by the school for around \$150 for use by the Aero department. Before the plane was declared surplus, it had been used by the Air Transport Command for cargo transportation over the "hump" in Burma during World War II.

Log Kept

Widfeldt says the log book had been carefully kept and shows an emergency landing in Chungking, China, for engine repair. He plans to use the plane in Mexico for cargo and labor transportation, but before it could be made airworthy numerous repairs and tests had to be made.

"The log book shows that the present engines have only 6 hours time on them and when we tried them on a taxi run, they ran like clocks," said Widfeldt. Evidently just before the school purchased the C-46, new engines were installed.

Widfeldt and his crew went completely over the airplane, checking every possible source of trouble and installed new ailerons, carburetors, hose connections and patched up the skin where it had become damaged by standing outside. Most of the repairs were due to the weathering it received standing outside the hangar, which was too small to accommodate it.

Training Aid

Classes in aero maintenance have used the plane for cockpit checks, twin engine run-up, and the tracing of hydraulics, electric and control systems, says M. C. Martinson, aero maintenance instructor. It was originally purchased with the thought that it might also be used to transport the football team to and from games. The plane proved awkward due to its size, however, and required constant maintenance to keep it in flying condition. Martinson saw to it that the engines did not deteriorate by having them run periodically.

Widfeldt says he won't know where its first port of call will be until he has it in the air. If the plane keeps performing as it did on the ground, he will fly it directly to Manila. Otherwise, he will set it down at San Francisco.

"Such things as wheel retraction, magneto checks, brakes and hydraulic boost systems were tested while the plane was on the ground and the plane responded beautifully," said Widfeldt, "and I believe it should get off the ground in about a thousand feet at runway."

Campus Shop Altered; 'New Look'

What hopp'en? El Corral bookstore is in a mess! A new system is going into effect for the first time at Poly to facilitate service to customers by making the bookstore self-servicing, says Harry Wineroth, who has been supervising the rearranging of shelves in preparation for the new "Super Market" style of sales.

This system has been tried out at other colleges with great success, says Wineroth. The new system will be in effect for students returning for the second summer session on a trial basis, and should almost eliminate the long lines that characterized the store in the past.

Everything will be on shelves, labeled and priced, except for the more costly items such as slide rules and fountain pens—even books, says Harry.

The system will use turnstiles and checkstands to handle the flow of buyers through the new super book store.

"Thirty per cent of the colleges are on self-service bases, and many more are in the planning stages," says Harry, "including Chico state, San Francisco state, San Diego state and Pasadena city college. Most of the colleges who have tried this plan would not go back to the old style service, if the students would let them."

Book racks will be provided in the foyer of the book store, then everything that is brought out will be paid for at the two check stands.

There will be separate cashiers desks to handle the G.I.s and another desk for customers with checks.

The new system will especially speed up the rush at the beginning of each quarter and will require a smaller staff. It is hoped that most of the major bugs will be eliminated during the summer session to make ready for fall registration.

Poly Contribution To Local Economy Near Million Mark

San Luis Obispoans who rent rooms and apartments to Cal Poly students are going to reap an income of almost \$400,000 during the coming school year, a Cal Poly dean of students survey discloses.

And the city's merchants stand to sell almost as much again in foodstuffs to married and single students who rent houses or apartments where they can do their own cooking.

"Less than five per cent of Cal Poly's constantly growing student body lives at home," says Dean of Students Everett Chandler, "and as Cal Poly has grown to be the largest agricultural school and the third largest engineering school in the western states, we house only about fifty per cent of our students on campus."

An enrollment of some 2,700 is predicted by admissions officer Paul Winner for start of the fall quarter, September 17-20. Cal Poly expects to start construction of women's facilities during the coming year and be ready for needs possibly by the fall of 1955.

Ace Gridder Bravo Leaves Poly For Marine Duty

Alex "Boom-Boom" Bravo, swivel-hipped halfback for the green and gold, left Monday for the Quantico marine base in Virginia, via his home town of Santa Barbara.

The flashy southlander garnered many honors in SCSA conference play, while posting several records for Poly successors to shoot at.

Twice named Little All-Coast halfback, Bravo received mention for his performance this past season. In addition, he was named all-conference halfback during his three years at Poly.

In the Mustang record book, Bravo posted the following: longest run from scrimmage, 25 yards; single game rushing, 165 yards; three years rushing, 2,232 yards; and most points scored over a three-year period, 151.

Bravo was picked up by the Los Angeles Rams on the ninth draft earlier this year. He has a contract with this club for 1954 and will report following his two years of military service.

Mustang Handbook Will Roll; 'Help Frosh' Ideas Welcome

The 1954-55 "Mustang Handbook" will go to press on July 19, and any information that will be of help to freshmen and returning students should be submitted not later than next week, announces Sally Stevens.

The handbook was designed with the idea of helping students with registration, housing, and orientation—to take "that lost feeling" away, says Sally, who is assistant activities officer. A lot of

pertinent information will be packed into this helpful booklet, including what to bring, how to get to Poly, cost of rooms, schedule of the school year, and many other useful tips on where to go and what to do while at Poly. The Mustang Handbook contains a wealth of information that even the old students will be interested in.

School clubs, department heads, and local color are crammed into an easily-read booklet with pictures of some of the college "wheels" to better acquaint the student with Poly life.

Emergency phone numbers, phone numbers of the student offices and many others are also included, even the school yells and songs.

Many of the prominent local merchants and doctors are listed, making for an excellent guide book of both Cal Poly and San Luis Obispo.

The layout of the booklet will be much the same as last year's, plus new information of value to the new students.

Students or staff members who want to help new students with vexing problems should submit suggestions to Miss Stevens without delay. The handbook will be available on August 9th.

Olin Miller: Men never learn anything about women, but they have a lot of fun trying.

Dr. Charles Seger

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Tower Cafe

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Local Lady Has Housed 149 Students In Past 23 Years

While many a San Luis Obispo family rooms Cal Poly students nowadays, Mrs. Iva L. Hoover, 1042 Foothill boulevard, is generally credited with being the college's "No. 1 Off-campus Mom."

"Since 1931," Mrs. Hoover recalls, "I have housed 149 different students and almost without exception they have been the finest kind of residents in my home."

"Mothered" Faculty Members—Her record includes being house-mother to such Poly personalities as Dr. Woodford E. Bowles, who came in 1937 and is now a part of Cal Poly tradition as colorful head of the physical science department. Roy Metz, Aiden Turner and M. C. Martinson, aeronautical engineering instructors, were other roomers. And their presence in those years may have helped determine the future of Mrs. Hoover's two sons, who, as graduates at Poly, now conduct the Hoover flying service at the airport, here.

Bob Adams, now assistant to superintendent of buildings and grounds L. E. McFarland, is another former resident of the Hoover house. And Mrs. Hoover takes a great deal of satisfaction in remembering the part she played in helping provide a wholesome home-like atmosphere for the scores of other young men who went on to responsible positions throughout the nation.

For several years she not only roomed but "boarded" her Cal Poly boys. Now, however, she rents only rooms. She provides cleaning and bedding and can accommodate five students.

Aero, HE Favored—She confesses to a "slight leaning" toward students from the aeronautic or electrical engineering departments since she has had so many from those departments in her home.

More and more San Luis Obispo residents are listing "extra-room"

facilities with the college this summer, reports dean of students Everett Chandler, whose staff is in charge of listing off-campus housing and checking facilities for college certificates of approval.

"In these days and times," he says, "householders are aware that \$250 or \$350 additional income per resident student helps a great deal with family living expenses or in securing some of the 'extras' the family otherwise might have to do without."

"Some of the city's families have discovered, among other things, that a couple of students occupying their spare bedroom or garage apartment provides the money each year for the family's summer vacation."

Friendships Formed—But most important of all, says the dean, are the long-lasting friendships so many students have formed with their landlords. And the consciousness of the landlord that he has helped make possible a wholesome college atmosphere for a young man who some day might be the inventor of a cure for an as-yet-mysterious disease or who might head a giant airline

or become one of the state's agricultural leaders.

While facilities for married students are plentiful enough, the dean said today there are still opportunities for residents wishing to house one or more single students. Those wishing to list their facilities or wishing a consultation visit from a member of the dean's staff should call his office (college phone 2151) and ask for extension 221.

NITE RACES Fridays—8 p.m.

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Tires

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El Mustang

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Staff Writers: Frank Reische, William Chabot, Robert Dupuis
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Sat.-Sun. 10-11:30

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Continuous Sunday From 2 P.M.

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Technicolor Science Fiction

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Wed. July 21

BANK NITE—WIN CASH

Ronald Reagan, Ruth Hussey

"LOUISA"

Shown—7-10:15

Audio Murphy, Brian Donlevy

"KANSAS RAIDERS"

Shown—1:40

School Officials Teaching Graduate Courses At Poly

Poly is welcoming two prominent school administration men as instructors during the current summer session -- Charles Webster, Ed.D., and Gilbert Rogers, Ed.D., from U.S.C.

Two new additions to the college curricula are being taught by Webster, Ed. 610 School law and Ed. 611 School finance, which are graduate courses for teachers interested in school administration. Rogers is teaching Ed. 602 and Ed. 605.

Former Instructor

Webster, a firm believer in the learn-by-doing process, taught aircraft recognition and athletics at Poly during the war in the navy preflight school for 17 months.

"The learning-by-doing process is put to work in my education classes by using actual cases of school finance and law cases involving secondary schools," says Webster. "We are not trying to make lawyers or financiers out of the teachers, but to familiarize them with the legal responsibilities of the schools and give an acquaintanceship of the education code, administrative guide and the law library."

Webster hails from Ventura, where he is principal of Cabrillo Junior high school, and before moving to Ventura held positions of teacher, vice-principal and principal in the Burbank school district. He obtained his B.S. from Cal. his

ton, San Fernando (29 years), Central region -- Glen A. Caldwell, Dixon (18 years), Sacramento Valley region -- E. David Graf, Jr., Williams (12 years), North Coast region -- Ira F. Nuokola, Tomales (25 years), South coast region -- M. C. Ralston, San Jose's Lincoln High School (24 years).

The awards, engraved wrist watches, were presented by Stewart Pettigrew, public relations director for the Sears Foundation's western division, and long identified with foundation awards in the agricultural field.

Robert Couchman of San Francisco and San Jose, editor of Western Fruit Grower and a member of the State Bureau of Agricultural Education's advisory committee, was announced winner of the California Council of Vocational Associations' 1954 award. He is a member of the James Lick high school board at San Jose and has been active in lay vocational education affairs for many years.

master's from U.S.C. and his Ed. D. from U.S.C.

Kiwanis Member

Webster says he has been attending make-up meetings of the San Luis Obispo Kiwanis club, and is on the board of directors of the Ventura Kiwanis. While Webster is teaching at Poly, his family will remain in Ventura.

Another staunch Kiwanis member is Rogers, who is the coordinator of secondary education for San Luis Obispo county schools under Alvin Rhodes. Rogers is teaching Ed. 602 Public School administration and Ed. 605 Schools in the community, which are required for a teaching credential in California. "I am basically interested in the learn-by-doing system of education and like the fine work Poly is doing in its

teacher education program," says Rogers.

Before moving to California 10 years ago, Rogers held positions of superintendent and principal in a consolidated school in Nebraska. The first 8 years in California he lived in Santa Maria, where he was dean of students at Santa Maria union high school and junior college. The last two years Rogers has held his present position in San Luis Obispo.

Rogers has a son, 18, and a daughter, 14, both attending schools in San Luis Obispo. He is president of the Central coast YMCA. His Kiwanis activities are: chairman of the committee for support of churches and a member of the board of religious education of the Presbyterian church.

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Look For A Big Change In El Corral College Store by July 26th!

Trying to stay open during remodeling has caused some confusion and delay in serving you—but bear with us: the effort should be worth it. You can expect a completely revamped system that, when completed, will speed up service for those in a hurry and give shopping time if you care to browse around.

Watch For Grand Opening
of the New Streamlined

**EL
Corral**

**College
Store**

Both Sides Basement Hall

Administration Building

Six Ag Instructors Receive Awards At CATA Meeting

Recognition for 181 years of agricultural teaching went to six California ag instructors as the 1954 Sears Foundation Star Regional Ag Teacher awards were announced at the annual banquet of the California Agricultural Teachers' association convention, here.

Always a feature of the CATA conventions, which traditionally have been held at Cal Poly, the awards are made on the basis of accomplishment rather than length of service but four of the six 1954 winners have spent more than 20 years in their field.

The winners: San Joaquin Valley region—Paul D. Spillbury, Wasco (21 years an ag teacher); Southern region—Paul Thorn-

Food Managers Set Short Course Here

A total of 140 school lunch managers and allied personnel will converge on Cal Poly campus July 19-23, it has been announced. The summer short course will offer courses in the areas of nutrition, beginning and advanced menu planning and in purchasing food and equipment.

Cal Poly staff members participating in the program include Lloyd Bertram, head cook at the college, and Mrs. Geraldine Miller, school dietitian.

This is the first time the short course has been offered at Cal Poly. The school lunch program summer training is in its fourth year of operation.

Poly Cadets Train At Ft. Lewis, Wash.

Twenty-one Cal Poly ROTC cadets, ranging in rank from lieutenant colonel to lieutenant, are attending summer camp at Fort Lewis, Wash., and will comprise the army's first west coast "Branch-General" ROTC graduates next spring.

Led by Student Lt. Col. Charles M. Shields of Oceano, the Cal Poly contingent reported at Camp Lewis June 19 and will remain through July. As cadets in West-Point-style "Branch-General" program, they will not be assigned to particular service branches until graduation. The Cal Poly program has been used as a pilot unit for the "Branch-General" type of training, which now has been expanded to include several other universities and colleges in the coast region.

"What made you decide to be a parachute jumper?" Gary Moore asked a contestant on "I've Got a Secret."

"A plane with three dead engines."

Anthony J. Pettillo

BENO'S
HEADQUARTERS FOR
LEVI'S

ATTENTION: PL 16 VETS
Jacob Ter Veer will be in the college counselling center (CU-E) on Tuesday and Wednesday, July 20 and 21. Vets with VA problems should contact Ter Veer at this time.

Gardening hint: Don't throw away the empty seed packets. They are often just the right size to store the crop in. —Wall Street Journal.

FOR SALE: Duplex house;

Baby White Chinese Geese;
Baby Chinese Ringneck Pheasants;
Baby Ducks; Mammoth Pekin, Muscovy, Indian Runner, North American Black, Rouen, Guinea Pigs; Silver Agouti, Black, Chocolate, Cream-Tan, Red, White, Broken Color.

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The net profits from my two acres of nurserystock outstripped that of my herd of 1000 head of Hereford cattle roaming on some 18,000 acres in Oregon.

That was the story told 400 convention members by John E. Edwards, Palo Alto, at the 85th annual gathering of the California Agricultural Teachers association on the Cal Poly campus.

Important Industry

Nurseryman Edwards, a law graduate of the University of California, said the nursery business is one of the major phases of agriculture. "More and more people are going into large scale production of ornamentals, berries, fruit trees, bulbs, lawn seed, and similar products," he said.

He called upon the agriculture teachers to train replacements for the 15,000 persons engaged in the nursery business. "California's nursery business is valued at more than \$100,000,000," he said, "and the opportunities today are greater than ever."

Edwards said agriculture is faced with over-production of food and fiber, but the field of ornamental horticulture has no surplus now—and none in the foreseeable future.

Trained Men Needed

The lawyer-cattleman-nurseryman told the agriculture teachers of the change in type of person engaged in the nursery business. "Hobbyists made up the bulk of our nurserymen a few years ago, with a fringe of folks from other lands trying their hand at it. Today, more and more college trained men are entering the field."

"This is a period of specialization, and the nursery business is no exception. Today, we find growers raising only roses, or fruit trees, or ornamental shrubs—in other words sticking to one specific plant type."

California was singled out as an especially attractive state for the nurseryman. "We are experiencing a large influx of people, and these new westerners are building and buying homes. New homes require landscaping and planting, and the old homes are, for the most part, poorly planted—they need a fresh approach and new ideas."

Edwards explained how California's expanding population demanded more highways and public buildings—natural outlets for the nurseryman's wares.

In setting forth the qualifications for the successful nursery operator and worker at the retail level, Edwards said he must be a combination "plantman, salesman, entomologist, plant pathologist, plant nutritionist, public relations counselor, soil chemist, credit manager, advertising executive, color consultant, truck driver and laborer."

Edwards then suggested to the

agriculture instructors that they give their students more training in identification of plant materials; that they stress different methods of plant propagation; give greater emphasis to the myriad of new insecticides and their uses; and continue the good work in plant nutrition.

Research Important

Reiterating the demand for trained personnel, Edwards told the conventionists that those students who didn't care to work with the public had a wide selection of possibilities in the plant breeding and wholesale production fields. "Production of new varieties of plant materials to meet specific soil, climatic and decorative purposes is lagging and can use all the new talent it can get," he said.

Concluding his address, Edwards told the assemblage of the importance of the nursery to the community. "Give me a community with a lively nursery," he said, "and I'll show you a community above average in appearance—and in progress."

IS THIS YOU?

A few students have failed to turn in program cards and as a consequence are not duly registered, says Leo Philbin, registrar. Philbin warns that non-fulfillment of this phase of registration will result in grades not being issued for the four-week term now in progress.

U. S. Civil Service Exams Now Offered

Recent graduates from schools and colleges can qualify in federal civil service examinations for a variety of positions in federal agencies throughout California and Nevada the U. S. Civil Service commission in San Francisco announced today.

Accounting and auditing assistant, engineer, physicist, metallurgist, chemist, and mathematician are some of the professional examinations open to college graduates or persons with experience equivalent to education leading to a Bachelor's degree in a recognized college.

Completion of special courses in college or high school will meet

requirements for a variety of positions such as physical science aid, biological aid, engineering aid, engineering draftsman, medical biology technician, and medical technician, general and X-ray, the commission said.

Applications are being accepted by the U. S. Civil Service commission, 680 Sansome street, San Francisco.

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