

HISTORIAN TO HEAD HUNTINGTON



TO LEAVE TECH—Dr. J. E. Wallace Sterling, prominent Caltech history professor, was announced Sunday as the new director of the Huntington Library. He will continue to give occasional lectures at the Institute.

J. E. Wallace Sterling to Head Huntington Library Group

Caltech Expert on Current History To Retain Ties With Institute

The appointment of Dr. J. E. Wallace Sterling as Director of the Henry E. Huntington Library and Art Gallery was announced today by Dr. Robert A. Millikan, Chairman of the Library Board of Trustees. This appointment is to become effective on July 1, 1948. The directorship of the Library has been vacant since the retirement of the late Dr. Max Farrand several years ago.

On Tech Faculty Since 1937

Dr. Sterling received his Ph.D. from Stanford University ten years ago and served also as a member of the Research Staff of the Hoover War Library at that institution. Since 1937 he has been a member of the faculty of the California Institute of Technology and is now Edward S. Harkness Professor of History and Government.

He was on leave from the Institute, 1939-40, as a Fellow of the Social Science Research Council and again in the autumn of 1947 when he was a member of the resident civilian faculty of the National War College, Washington, D. C.

The acceptance of his new post will necessitate Dr. Sterling's resignation of his regular academic post at the California Institute, but it is anticipated that he will continue to give occasional lectures.

Serious Loss

In commenting upon the new appointment Dr. Millikan stated, "The Trustees of the Library are much gratified at being able to secure, for the important post of Director, a man of Dr. Sterling's scholarly interests, administrative ability, and experience in library problems. His transfer from the California Institute will be a very serious loss to the Division of Humanities there, but Dr. Sterling's deep interest in the work of the Division may be expected to continue."

Hubble Re-elected

Announcement was also made of the re-election of Dr. Edwin P. Hubble as a Trustee of the Library for an additional ten-year term. In addition to Dr. Millikan and Dr. Hubble, the other three Trustees of the Library at the present time are former President Herbert Hoover, William B. Munro, and James R. Page.

Campus Calendar

- THURSDAY, MARCH 11—**
Upper Class Luncheon Club at the Training Table, 12:00.
Throop Club Meeting, 12:20 p.m.
Dancing Class, Culbertson Hall, 7:30 p.m.
Glee Club Rehearsal in Throop Club, 8:30 p.m.
- FRIDAY, MARCH 12—**
Hank McCune Show in Culbertson Hall, 6:30 p.m., Dance afterward in Dabney Lounge.
- SUNDAY, MARCH 14—**
Musical in Dabney Lounge, 7:30 p.m.
- MONDAY, MARCH 15—**
Finals begin.
- TUESDAY, MARCH 16—**
Christian Science Organization in 208 Dabney, 7:30 p.m.

Reynolds Brings Aluminum Coach To Tech Today

Carrying the story of aluminum, America's fastest growing new industry, the display coach of the Aluminum Division of the Reynolds Metal Company will be on exhibit at the Institute on Thursday, March 11th, between 10 a.m. and 2 p.m. at a central location just south of the Mechanical Engineering Building.

The display coach is an entirely novel step in bringing the story of this newest and most amazing of all metals to a much larger number of persons. The coach itself is approximately 85 per cent aluminum. It carries a complete line of aluminum mill products made by the Reynolds Metals Company. Also included in the display are many finished parts.

New Uses

Progressive manufacturers are learning that aluminum is ideally suited for many types of metal products. It offers strength that can equal that of steel but at the same time its light weight, which is practically one-third that of steel, makes it easier to handle throughout the manufacturing processes.

Since 1939 the base price of aluminum has dropped 30 per cent. And this decline in price has been achieved in the face of an increase in the composite base price of other metals of more than 100 per cent.

Freight Savings

To these substantial reductions in the initial cost and handling costs, may be added sizable reductions in freight costs. This improved economic position of aluminum is causing many manufacturers to investigate it.

Aluminum's light weight has helped it to forge to the front in the manufacture of transportation equipment. Already truck and trailer bodies, bus bodies, automobile parts and airplanes are utilizing its unequalled advantages.

Service Group Offers Varied Aid

Made up of parents of Caltech students and other civic minded people of this area interested in student welfare, the Caltech Service League fills a definite need of the student body.

Many Services

Merely to enumerate the functions performed by the Service League would do the organization an injustice, but even a partial list may give an idea of the services offered.

The Service League can make a loan to you; if your wife is expecting an addition to the family, they can loan you the crib, the baby carriage, and other similar paraphernalia through their furniture loan service; they can refer you to a reputable doctor, dentist, psychiatrist, or other professional man through their catalogue of such agencies; they can send someone to handle details for you if you are sick and can not attend to them yourself.

If worrying over the girl friend keeps you from studying, they can arrange for you to see an expert in the field of emotional counselling. Seniors: is mother coming to see you graduate? Worried about what to do with her while you take the girl friend to the Prom? The Service League can take her off of your hands for the evening.

Health Services

The Service League also stands as the driving force behind the Well Baby Clinic, the movement to expand the health service to include such things as a convalescent ward, and the effort to make the California Street crossing safe for men going to P.T.

The Service League can be reached through the Caltech post office, box 51, or by calling Mrs. Ray Gerhart, Mrs. John Gee Clark, or Mrs. J. W. Beadle (AT. 4-8567).

McCune to Entertain Techmen

Comedy to Highlight Show Set For 8:30 Tomorrow in Culbertson

Undergrads Urged to Bring Dates; Dance to Follow in Humanities Lounge

The Hank McCune show scheduled for tomorrow night at 7:00 in Culbertson has been set back until 8:30, the reason being that arrangements for the regular broadcast to be held at Tech were unable to be made. Instead McCune will bring his cast for an after broadcast show which will last from 8:30 until 9:30. Immediately following the show there will be a record dance in Dabney Hall where refreshments will be served.

Both the show and the dance are free, but because of the limited seating capacity of Culbertson, it is suggested that men who bring dates arrive in time to insure getting good seats.

This program, arranged chiefly by Bud Mittenthal and Jack Ottestad, will be the last important school social event of second term, and it affords an excellent opportunity for an evening of fine entertainment. McCune's cast includes a girl quartet, thirteen piece band and numerous other attractions.

In spite of not being able to have Virginia Mayo as guest star, as was originally planned, McCune's show promises to be terrific entertainment.

Art Exhibit Set by Tech Women's Club

The Caltech Women's Club, an organization of the wives of faculty members and graduate students, is sponsoring a family, style art show to be held in the Biology Library from Wednesday, April 7, through Saturday, April 10. The exhibit will be open to the public from 10:00 a.m. until 6:00 p.m. each day and Friday evening until 10:30 p.m.

Students, Employees Eligible

Entries are solicited from all persons connected with the Institute, including students, of course. As many as three entries per person will be accepted and they may be anything ordi-

narily classified as art, such as etchings, paintings, sculpture, ceramics, drawings, and photography (must be developed and printed by the entrant). The arrangement, lighting, and mounting of the entries will be under the direction of the Pasadena Art Institute.

Entry Procedure

Entrants must notify either Mrs. H. J. Stewart, 2751 North Marengo, Altadena; or Mrs. R. D. Gray, 3059 Santa Rosa, Altadena; by mail no later than March 20th; giving name, telephone number, address, number of entries, and type of entries.

Tech Student's Poster Wins Hoganburger



Shown above, left to right, are Alex "Cornball" Cooper, vice-presidential aspirant; Jim Hawthorne, famous disk jockey and candidate for president, and Bob Haufe, winner of Hawthorne's campaign-poster contest. A part of Haufe's 12 by 21 foot winning entry is shown in the background. Cooper and Hawthorne are entangled in a 60 foot Mobius strip, also entered by a Caltech student, Phil Halverson.

Ricketts Men Enjoy Two Month's Work Climaxed as Novel Apache Dance Huge Entry's Victory Announced

Surpassing all expectations, Ricketts' famed Apache Dance with its novel, underground entrance via tunnels and ladders turned into such a success that it promises to be an annual event on the social calendar.

Plenty of Atmosphere

Most of the belles cooperated beautifully in the matter of costumes, and the Rowdies added their toughness to recreate the atmosphere of the cheap, Parisian, underground hangout.

The decorations, consisting primarily of curvaceous nudes in silhouette were entirely appropriate, accompanied by the privacy of secluded candle lit booths.

Spirit of the evening was climaxed by the singing of sentimental ballads led by Monsieur Hal Neely. His music was excellent, and his boys really joined into the spirit of the occasion.

Souvenirs

Colorful bow garters, handed out to the ladies as mementos of an unusual evening, are about the only vestiges now remaining of the Ricketts Rendezvous, but even without these coveted tokens most of the house men will remember the Apache Prance as the finest dance of the year.

The "Hawthorne for President" poster contest winner was announced last Friday. He was Tech student Bob Haufe, with his 12x21 foot campaign poster.

This mammoth placard, with an area equal to that of 2356 sheets of tissue paper, is the result of two months intensive work by Haufe. The entire project was completed (in sections) in his two-man room at the cost

of great inconvenience to himself and his roommate.

Hawthorne Enters Race

The contest opened at the beginning of the term when Hawthorne decided to enter the Presidential race with Alex "Cornball" Cooper (another disk jockey) as running mate. There were approximately a hundred entries, none of which approach the size of the winner. The posters are on display in Hawthorne's KXLA studio where the winning entry occupied one entire wall.

Hoganburger Awarded

Prizes include two record albums, and appropriately, a Hoganburger. The latter, measuring 22 inches across and 14 thick, and weighing 60 pounds, will be awarded Saturday at the "Chill King," across Colorado from P. C. C. This will be the second Hoganburger to be awarded by Hawthorne and also the second won by a Tech man. The first went to Bill Harris in a weight guessing contest some months ago. Everyone is invited to Ricketts Lounge to help eat the monstrosity after the presentation.

INTERVIEW SCHEDULE
SEE PAGE 2

The California Tech

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THE FRONT BURNER

"Love From a Stranger" at Playhouse Dealing in suspenseful action and marital intrigue, Frank Vosper's drama "Love From a Stranger" began a two-week run at Pasadena Playhouse last night.

The contradictory position of a husband as a stranger becomes more electric as he becomes a potential murderer. Shadows lengthen as this amazing story of the attractive bride and her handsome husband unfolds.

In long runs in London, New York and two film productions, the play has provided lovers of mystery and mental meanderings with much fodder for amateur detecting.

Helen Schoeni directs the Playhouse staging with James Seay as The Stranger and Patricia O'Callaghan as The Girl.

"High Wall" Follows "Double Life" Ronald Colman's triumph, "A Double Life," closes tonight at the Crown Theater.

Starting tomorrow is "High Wall," a mystery thriller starring Robert Taylor, Audrey Totter, and Herbert Marshall.

"Taylor, as a supposed homicidal maniac, accused of killing his wife, battling the most hopeless odds faced by any man, and with

Caltech Students Welcome At Neighborhood Church A Church of Liberal Religion 225 West California Street SUNDAY WORSHIP 11 A.M. REV. CURTIS BEACH "The Vitality of Jesus"

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CAMPUS BREWINS

Dabney was just a bit of a bunch of early birds this last week end. While everyone else was rolicking and frolicking in dimly lit and completely blacked out indoor places, Dabney (at least 15 of them) went to a fine healthy beach party.

Blacker and Fleming put their heads and bankbooks together for a formal. One note of progress was the fact that the Alta-

dena no longer is in such a state that the beer-serving bartenders have to ask the patrons if they have a drink out in the car. Doug MacLean seemed fascinated by the slot machines downstairs but nevertheless he left at some fantastically early hour, up to nothing good, of course.

Already firmly planted there were Stan Holditch and wife, Pinky Moore and wife and Big Jim Holditch and his old old flame. One of the topics seemed to be why Jim was called Big Jim and from the color of his face it had something to do with the H. Price memorial trophy.

Herman Walquist, Fleming House Brain and Beef Trust, is also successfully muscling in on the Female monopoly. Seen at the barn dance with not one but two beautiful damsels, Herman

was seen cuddling a seductive creature in white named Eileen who used to be seen quite frequently with another person whose name I can't think of.

All in all the turn was excellent in spite of severe financial strain it put on the wallets. Evidently Techmen like to dress up in spite of rumors to the contrary.

Ricketts Votes For Sex Not to be outdone, the Rowdies put on their annual terrific Apache dance, whose main theme seems to be that stuff called sex. Led by the artistic genius of Bob Haufe, the decorations were sensational from the many different (but "basically" the same) silhouettes on the walls and the cozy little cubicles to the stupendous horizontal nude that covered the front of the dining room.

Frosh Ted Polk was undaunted, however, as the amount of coverage his date possessed ran a close second.

George Roe and Al Sereno seemed to feel it was good too, as both their dates came in the new look. This didn't last as George and Al subbed as seamstresses and shortened same much more than was really necessary.

As it usually does, this dance brought out most of the snakes, although due to the Southern Calif. brownout (with which the rowdies were cooperating 100%) it would be difficult to say exactly who was sdoing what, where and how.

The only noticeable absence was that of Ex-Pres. Wooster and date who it is rumored in usually reliable sources have said that the dance was entirely too vulgar and low for respectable and "important" people to attend so they went elsewhere. I'm sure Ricketts will correct this situation in the future.

Interview Schedule

MARCH 10, 11 AND 12—GENERAL ELECTRIC COMPANY, Schenectady, New York. Mr. H. C. Hill and Mr. Scarfe. Seniors and Graduates in ELECTRICAL and MECHANICAL ENGINEERING, PHYSICS, CHEMISTRY and CHEMICAL ENGINEERING, who are interested in working in the East.

MARCH 12—Mr. H. E. Callahan of HANFORD ENGINEER WORKS will interview BS candidates in CHEMISTRY who are interested in nuclear and research work and living in the State of Washington.

PROCTOR & GAMBLE CO., Mr. P. A. Nichol, Superintendent of Long Beach Plant. Re-interview of men notified.

MARCH 19—AMERICAN SMELTING AND REFINING COMPANY—Salt Lake City, Utah—Mr. R. C. Beckstead. For further details watch bulletin boards.

MARCH 30 AND 31—BOEING AIRPLANE COMPANY—Mr. J. C. Sanders, Staff Engineer—Personnel, and Mr. L. T. Goodmanson, Chief of Wind Tunnel.

Particularly interested in PhD and Prof. degree men in Aeronautics. Also Senior and Graduate students in Electrical, Aeronautical, Civil and Mechanical Engineering. Should be in upper half of class scholastically, take part in extra-curricular activities and have personality. Must desire to work in Seattle, Washington.

APRIL 1—STANDARD OIL CO., OVERSEAS, NEW JERSEY—Mr. R. L. Rale. For details as to type of openings see Placement bulletin board.

APRIL 1 AND 2—UNION OIL COMPANY CO OF CALIF., Los Angeles, Calif.—Mr. J. P. Rockfellow. Senior and Graduate students who will fit into two-year Refinery Trainee Program. Lead to practical work, research, process or pilot plant operations position. Primarily to be used in manufacturing department in refinery.

See later bulletin for definite information on their need for CHEMISTS in Research Dept.

APRIL 5—RICHFIELD OIL CORP., Los Angeles, Calif.—Mr. T. F. Sullivan. Senior and graduate students who are interested in producing operations in the petroleum industry. Several outstanding undergraduates, Juniors, who are interested in summer employment in the same activity. Primary interest in ME and related types of engineers, but one or two civil or electrical majors may also be considered. Upper half of class scholastically, well-rounded personalities.

APRIL 8 AND 9—NORTH AMERICAN AVIATION, INC.—Mr. William Nance. BS—Ae, ME, CE, EE. MS—Ae, ME, CE, EE interested in Aircraft Engineering. No Industrial Engineering available. PhD's or Professionals who want practical engineering, but not theoretical, in above options.

Spot offers to be made at time of interview.

APRIL 14—THE TEXAS COMPANY—for work at Beacon Research Laboratories, Beacon, New York. PhD and MS candidates in Chemistry, Chemical, and Mechanical Engineering.

APRIL 20—STANLIND OIL AND GAS COMPANY, Casper, Wyoming. Mr. W. S. McCabe, Division Geologist. Interviewing men notified.

APRIL 23—STANLIND OIL AND GAS COMPANY, Mr. L. F. Peterson, Production Dept. CHEMICAL, MECHANICAL, GEOLOGICAL AND ELECTRICAL ENGINEERS who are interested in oil production work and who will graduate by September 1, 1948, with either a BS or more advanced degree, and Juniors who will graduate at least by June, 1949, and who wish to obtain summer employment from June to September, 1948. FOR A DEFINITE APPOINTMENT AND APPLICATION BLANK, PLEASE CONTACT THE PLACEMENT SECRETARY, ROOM 120, THROOP HALL, AS SOON AS POSSIBLE.

CAMPUS BARBER SHOP In Coffee Shop Building (OLD DORM)

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THE SQUARES' CIRCLE

Dear Sir:

As everyone knows, this is the time of the year when the sun makes its annual trek to visit the northern latitudes. Now that the shadows of Gates and Crellin are too short to reach to the sundial in back of Gates, it has been called to my attention that this venerable timepiece, which in the past has been accurate enough for setting my watch, has emerged from the winter shadows a full twenty-one minutes slow.

As the present situation is catastrophic to those of us who have not yet accepted such modern devices as the radio and the electric clock, I herewith implore Caltech astronomers to concentrate their efforts towards remedying the defect, whatever it may be.

Perhaps the following will be helpful in determining the reason why the sundial is behind accepted civil time.

(1) There has already been a collusion to effect a one-third compromise on the issue of daylight saving, which was sneaked in on us some night when no one was awake.

(2) Gremlins have been speeding eastward around the earth at the equator, and by absorbing a small fraction of the earth's angular momentum have slowed it down twenty-one minutes.

(3) The speed of light has dropped off, and it takes the sun's light twenty-nine minutes to reach us now.

(4) Or maybe the sundial needs to have its face lifted, for the summer and fall lines are not in style for winter and spring.

William J. Dixon.

Talkin' It Over with The Goon

The sports program swings back into high gear this week. The local racketeers are showing more form and power than Bugsy Seagle; the track squad is showing moments of grandeur; the baseballers are ready to start swinging at the spheroid, and the tile-tappers are prepping for the first meet.

Johnny Lamb's tennis boys displayed great depth and strength in knocking over the Loyola lads. The nicest feature of this match, besides it being a shutout, was the fact that our top two men were only spectators. I'm referring to Charlie V. (I can't spell or pronounce it) and Bill Shivar, who Coach thinks will carry considerable weight in the conference. The strongest opposition should come from Redlands and Pomona this season. Although both teams were soundly beaten by the Bruins Saturday, you must keep in mind that UCLA is just an annex for the Los Angeles Tennis Club.

Tyson Hot

Two fine performances were turned in at the Conference Relays Saturday. The most outstanding was Hal Tyson's 46' 11 1/2" put. With Levin of Oxy leading and one put left, "The Form" grabbed the pellet and almost threw it out of the park. Doc was so overjoyed that he almost swallowed his two-bit cigar that he always splurges on for each meet. If Ty keeps working there is little doubt that he will crack the school record, only two feet away. Bob Funk ran one of the best 220 laps on the half-mile relay. Starting ten yards behind he failed by inches in nipping Oxy's anchor. On a straightaway the Tiger would still be picking dirt out of his eye.

Get our first look at Peerless Priesler's nine old men this afternoon as they club it out with out little neighbors from the North—PCC. We're still hoping to develop another Bob Feller.

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REDS MAKE BIG SPLASH

Tech Fourth In Relay Meet

The Whittier track team emerged victorious in the closing minutes of the Conference Relay Meet last Saturday afternoon at the Occidental field. By taking first place in the pole vault, the Poets pulled ahead of Oxy, while Redlands, Caltech, and Pomona finished in that order.

Whittier gained a total of 37½ points; Oxy, 36; Redlands, 20; Tech, 17; and Pomona, 10½.

The Beaver freshmen also wound up in fourth place as the Tigercubs won with 34 3/5, followed by Redlands with 27; Pomona with 22 1/5; Tech, 19; and Whittier, 5 1/5.

Conference Loaded

It was forcibly demonstrated to the Beaver spikemen that they face a stiff season as the talented performers from the other institutions kept walking off with the points. However, the Techmen managed to collect a little gravy with some fine performances of their own.

Howell Tyson was the varsity's only first place winner in taking the shot put with a heave of 46' 11¼". The 880 relay team of Dwight Schroeder, Doug MacLean, Stan Barnes, and Bob Funk was nosed out by a hair by the Whittier aggregation to take second spot.

Martin Walt tied for second in the pole vault in reaching a height of 12 feet, while Ray Heggland tied for third in the high jump. Dwight Schroeder got off a fine leap to place third in the broad jump.

(Continued on Page 4)

Frosh Sports Roundup

—By Earl Hefner.

Frosh horsehiders have been practicing for three weeks now and Norm Macdonald may come up with a winning team if early season form is any indication of the future. Despite the lack of quantity on the Frosh team, there is definitely some fine material in the dozen boys that are out there every afternoon.

Upset Varsity

The underclassmen gave both the Varsity first and second strings quite a surprise when they beat each squad in a pair of practice games last week. It is only fair to mention that Coach Preisler did not use either of his starting pitchers until after the Frosh had made their five runs in the game against the first team, but we're certain that the Freshmen won't run up against a Chuck Norman in their regular games this season — at least we hope not!

Probable Line-up

The outfield as yet is not definite, but we can give you an idea of the infield combination you will be seeing soon. At first base

Beaver Sports

Swim Season Opens Friday

The swimming season will get under way Friday at 4:30 p.m. as the varsity stages a preliminary meet with P.C.C. at their outdoor pool. The meet has been arranged by coach Bob Merrick to get the men set for the conference season which begins next term.

Prospects are fair for this season with two outstanding swimmers, Palmer in the breast stroke and Jay Montgomery in the back stroke. There is one notable deficiency, however, in diving. Any divers will be welcomed by the team.

will be Winston Royce who appears to have the "reach" that is so necessary to a first baseman. Al Sereno, who did such a swell job at first string forward on the cage squad, is developing into a nice second sacker and his hitting eye may prove troublesome to opposing pitchers in games this spring.

Duane Neverman holds down short and does a very neat job at fielding a fast ball. Over in the hot corner will probably be Haydn Sanders who looks like he may not only make good at third, but at helping with the pitching.

(Continued on Page 4)

Fleming Second In IH Bowling Group

Fleming moved up to a second-place in the interhouse bowling league this week while other standings remained unchanged. Five games were won by Fleming while Ricketts took but three, and all other houses took four. Ricketts No. 2 rolled this week's high team series of 2115, while their opposition, Dabney No. 1, fired high game of 766. Standings to date: Throop, 69 wins, Ricketts and Fleming, 46 each; Dabney, 40, and Blacker, 39.

Barracough Rolls High

A stellar performance was turned in by Bob Barracough of Dabney as he shot a cool 227 game. A stubborn seven-pin in the tenth frame robbed him of 20 additional points and league high game. High series was turned in by Bob Levy of Ricketts with scores of 200-208-152-560. Other highs: Woody Bratnober of Throop, 220 game and 555 series; Bill Root of Ricketts, 200 game and 525 series; and Bill Culbertson of Dabney, 198 game and 514 series.

Currently high averages are held by: Woody Bratnober, 173; Ray Heggland, 170; Bob Levy, 165; Bill Root, 162; and Roger Anderson, 162.

There will be no bowling for the next three weeks, and the league will reconvene April 5.

DABNEY TAKES SECOND; NO RECORDS BROKEN

It was Big Red all the way, as the mermen from Fleming demonstrated their superior speed and style to the rest of the houses to emerge from the Interhouse Swimming Meet last Thursday with more than twice as many points in the win column as their nearest rival. The final tally lists Fleming, 58.5; Dabney, 29; Ricketts, 25.5; Blacker, 17, and Throop, 6.

Hard-Fought Meet

Though most of the times were rather slow when compared with the Interhouse records, the meet was hard fought all the way.

Freshmen Show Promise

Several promising frosh appeared in the line-up of winners; Libbey of Fleming and Reed of Throop; thus raising hopes for the future of the swimming team.

Scoring

Medley Relay (300 feet)—Time 1:03.2. 1. Fleming; 2. Dabney; 3. Ricketts; 4. Blacker.

50-yard free style—Time 0:26.5. 1. Liffey (F); 2. Hogness (R); 3. Stix (F); 4. Furth (F); 5. Wright (R.)

Diving—1. Hammond (F); 2. Waters (D); 3. Bumb (B); 4. Fairall (F); 5. Morrison (F.)

100-yard free style — Time, 1:03.9—1. Libbey (F); 2. Waters (D); 3. (tie) Schuster (G) and Hogness (R); 5. Cotton (B.)

Back stroke (200 feet)—Time, 51.7—1. Walquist (F); 2. Fairall (F); 3. Pilling (R); 4. Morrison (B); 5. Robinson (D.)

Breast stroke (200 feet)—Time 51.7—1. Reed (T); 2. Waters (D); 3. Asquith (R); 4. Sawyer (B); 5. Prevost (B.)

Four-man relay (400 feet) — Time, 1:12.9—1. Fleming; 2. Dabney; 3. Ricketts; 4. Blacker.

man (Whittier) and Connie Gulixson (Occidental.)

Meets Scheduled

The loop's coaches also scheduled inter-school swim, golf and tennis meets. The conference swim meet was set for May 8 at which time all league Freshman and Varsity swimmers will compete. Whittier was named as host to the conference golf tournament which will be held May 14, and Redlands will be the site of the league tennis tourney the same week-end.

Redlands announced that the Bulldogs will again play host to cage teams next December in a basketball tournament similar to the one held last December.

Swim Encounters

The Beavers have two dual swim meets with Oxy scheduled, and a triangular meet with Redlands and Pomona. In golf the Engineers will meet Redlands, Whittier and Pomona twice and Oxy only once this spring, while in the net sport matches are scheduled with each league school.

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What a Record! . . . It's ART MOONEY'S hot arrangement of "I'm Looking Over a Four Leaf Clover"

(An MGM release)

"Four leaf clover" has turned into a real four leaf clover for ork-pilot, Art Mooney. His record is keeping jukes in clover.

An experienced hand in the music biz—Art follows that famous experience rule in the choice of a cigarette, too. "I've smoked many different brands and compared," says Art, "and Camels suit me best."

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And here's another great record—
 More people are smoking
CAMELS
 than ever before!

Art Mooney

Seiden, Wechsler To Give ASME Talks

Winning out over a field of four very able contestants at Monday's ASME meeting, Bill Seiden and Joe Wechsler were chosen to represent Caltech in the Regional Student Convention to be held on our campus April 23rd and 24th. To Professors Daugherty, Hollander and Huse fell the difficult task of judging the excellent papers and their presentation.

Papers Presented

Those competing were: Bill Seiden discussing the "Theory of Plastic Strain Propagation," Joe Wechsler demonstrating his model crane in connection with his topic "The Engineering Experience Derived From Model Building Hobbies," Hugh Carter presenting practical theories in his talk, "Toward a Science of Housing," and Jim Harder speaking on the "Economical Distillation of Sea Water."

At the April Convention, Seiden and Wechsler will be com-

Kyropoulos Host To Fireside Group

Peter Kyropoulos and wife were hosts at the concluding Sunday Night Fireside of the term. Refreshments at this highly successful gathering included hot buttered popcorn, doughnuts, and gallons of hot spiced cider. Mr. Kyropoulos gave an interesting talk on European universities and their extremely exclusive fraternities. Dueling and soaring, he related, are prominent features of student body activities on the continent.

More Scheduled

Many enjoyable Sundays are in prospect for next term's Fireside series. Mr. Stott, Caltech Assistant Comptroller, will invite a group of Techmen to his beach home in Balboa for the day. Members of the Board of Trustees and Institute Associates, including prominent busi-

nessmen who have shown an active interest in Caltech, are to be hosts.

TECH FOURTH

(Continued from Page 3)

Frosh Perform Well

Diminutive Art Miller took honors in the frosh fracas by winning first spot in both the shot put and discus. John Lewis placed a Beaver stranglehold on the discus event by placing second. A team composed of Chuck Paulsen, Ken Berg, Walt Edwards, and Bob Cobb ran off with second spot in the sprint medley.

Varsity: 100—Hays (W), Welsh (P), Barton (W), Hackelman (R). 10.0.

Most Popular "Y" Function

The Fireside series was voted the most popular "Y" function in the recent questionnaire. It is hoped that next term even more people will participate.

Distance Medley (440, 880, 1320, mile) Redlands (Dunning, Wagner, Jones, Weed) Oxy, Whittier, Caltech. 10:57.3.
4 man 880—Whittier (Barton, Tucker, Brownell, Hays), Caltech, Oxy, Redlands. 1:31.3.
Shuttle hurdles—Oxy (Frieze, Lawrence, Murray, Inman), Redlands, Pomona, Whittier. 1:00.7.
4 man Mile—Redlands (Wagner, Tague, Dunning, Smith), Oxy, Caltech, Pomona. 3:27.8.
Discus—Yates (W), Baker (O), Mertins (R), Pearson (O). 131'4 1/2".
Shot put—Tyson (T), Levin (O), Yates (W), Meehan (W). 46'11 1/4".
Javelin—Coster (O), Nippell (O), McLellen (R), Flowers (R). 181'9".
High jump—Doty (O), Robinson (P), tie between Hegglund (T), and Laughead (W). 6'2 3/8".
Broad jump—Tucker (W), Brownell (W), Schroeder (T), Chinn (T). 22'4 1/4".
Pole vault—Crandall (W), tie for second among Wait (T), Pike (O), Lapp (P), Henney (O). 12'6".

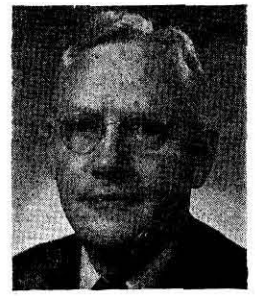
Frosh: 100—Mason (R). 10.2.
4 man Mile—Redlands. 3:39.4.
4 man 880—Occidental. 1:33.8.
Sprint medley—Redlands. 3:49.8.
Pole vault—Pulliam (P). 11'.
Javelin—Finney (P). 154'2".
Shot put—Miller (T). 38'8 1/4".
Discus—Miller (T). 112'9 1/4".

FROSH SPORTS ROUNDUP

(Continued from Page 3)

Throop's own Louis Stallkamp will be seeing a lot of action as chucker for the Frosh. "Stall" did a great job for last fall's Throop softball club and may do just as well with the Baby Beavers. Dean Daily will be

there to chuck, too, and although Dean has only pitched softball before, he may get a chance to use that arm before the season is over. Behind the plate will be last fall's Frosh football co-captain, Walt Preiffer, and Walt looks mighty fine as signal-caller thus far.



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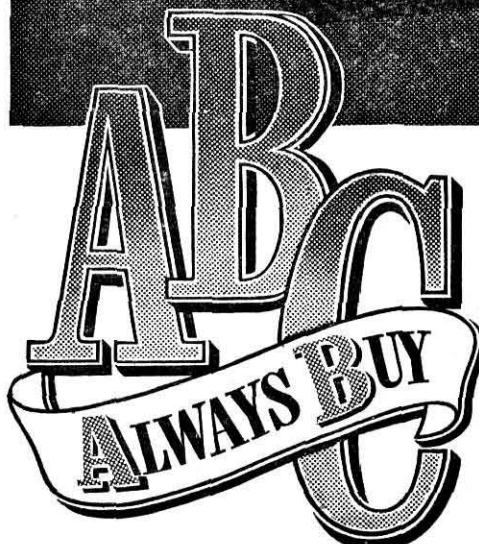
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