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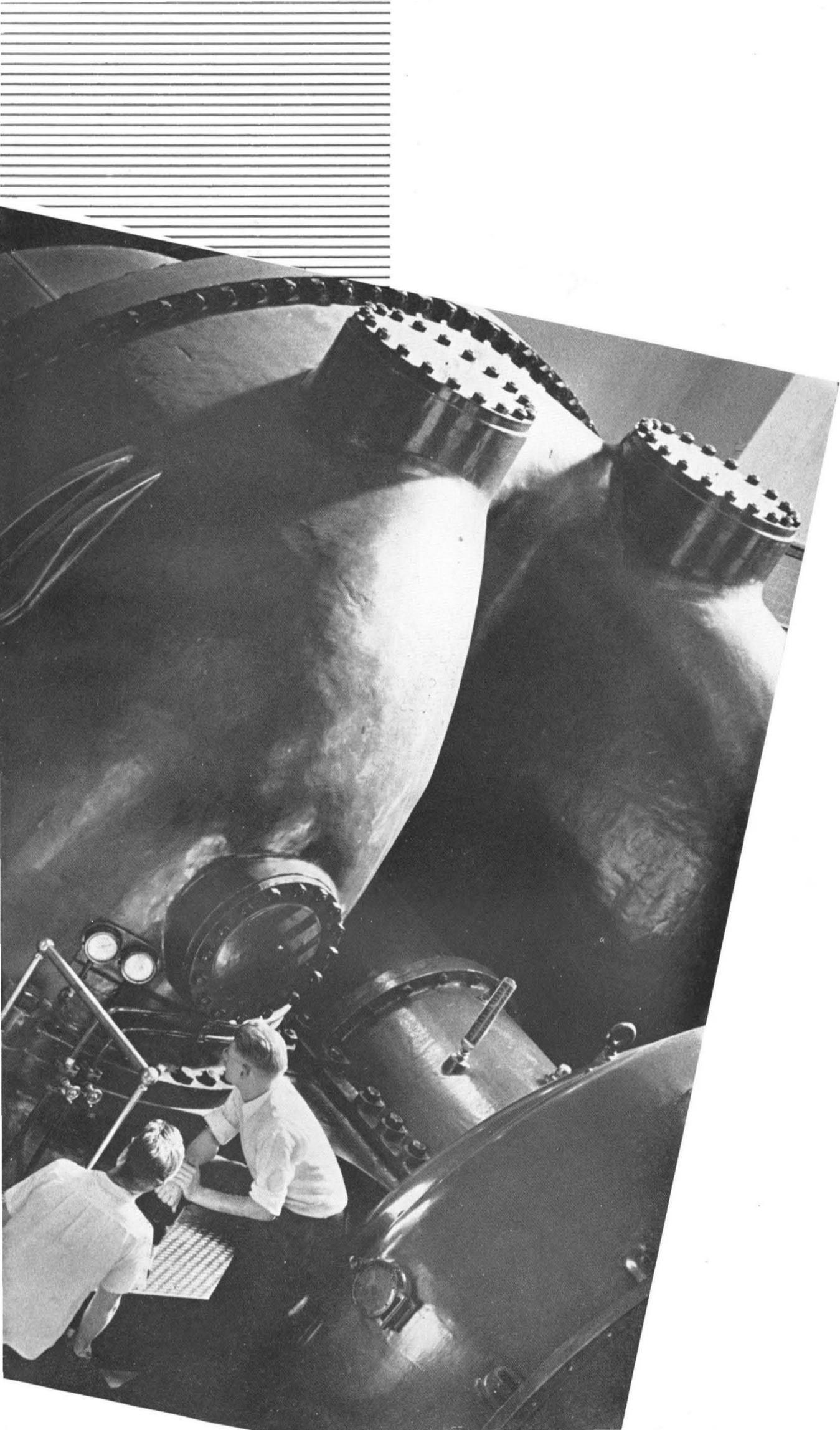
EDITORS

ROBERT E. DENSMORE
CHARLES H. MCDUGALL

BUSINESS MANAGER
ROBERT R. BOWLES

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California Institute of Technology
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We dedicate this book to
the men of the class of '41.
Prepared to face the prob-
lems of a changing world,
they face the future with
steady assurance. The world
welcomes them. The Institute
will miss them.

dedication

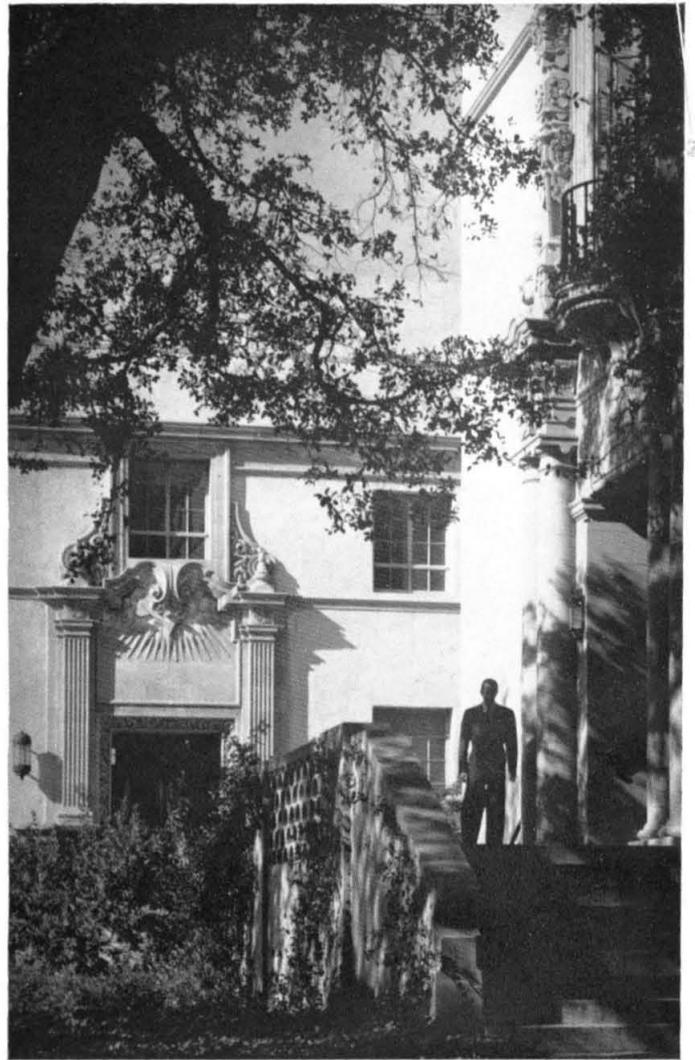
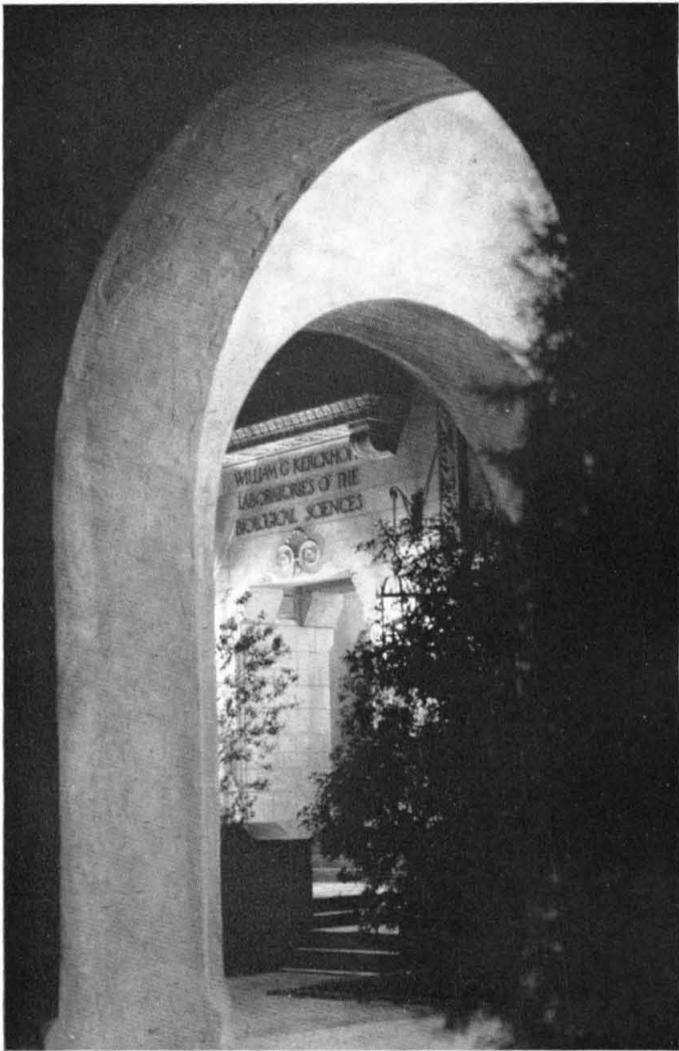




Foreword

The eyes of the camera and the keys of the typewriter translate into permanence the inimitable, colorful array of events experienced by the student of 1941. Here will always live the faculty, classes, student body activities, house life, and sports of today.



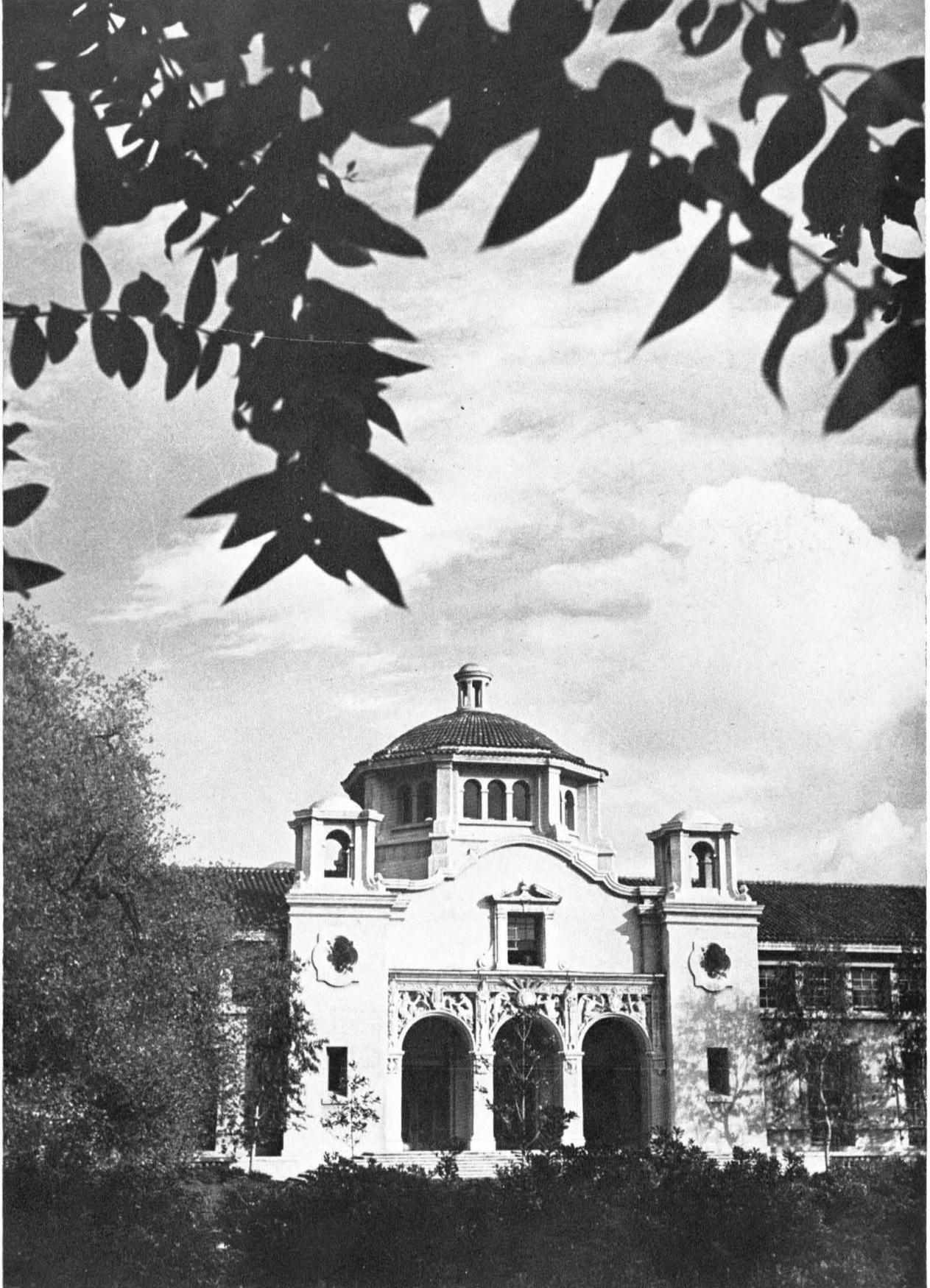


With a compact well integrated student body of 600 hand picked men, Caltech has come to be recognized as the finest technical institution on the Pacific coast, and one of the most outstanding in the country.

The members of the faculty are world renowned for outstanding contributions in many fields of research. With such men in direct contact and close cooperation with the under graduate body, that spirit of progress and hard work toward established goals, that spirit of advancement penetrates the barrier between instructor and student and brings the information in the texts to life.

M I D O R I ' S

L E N S

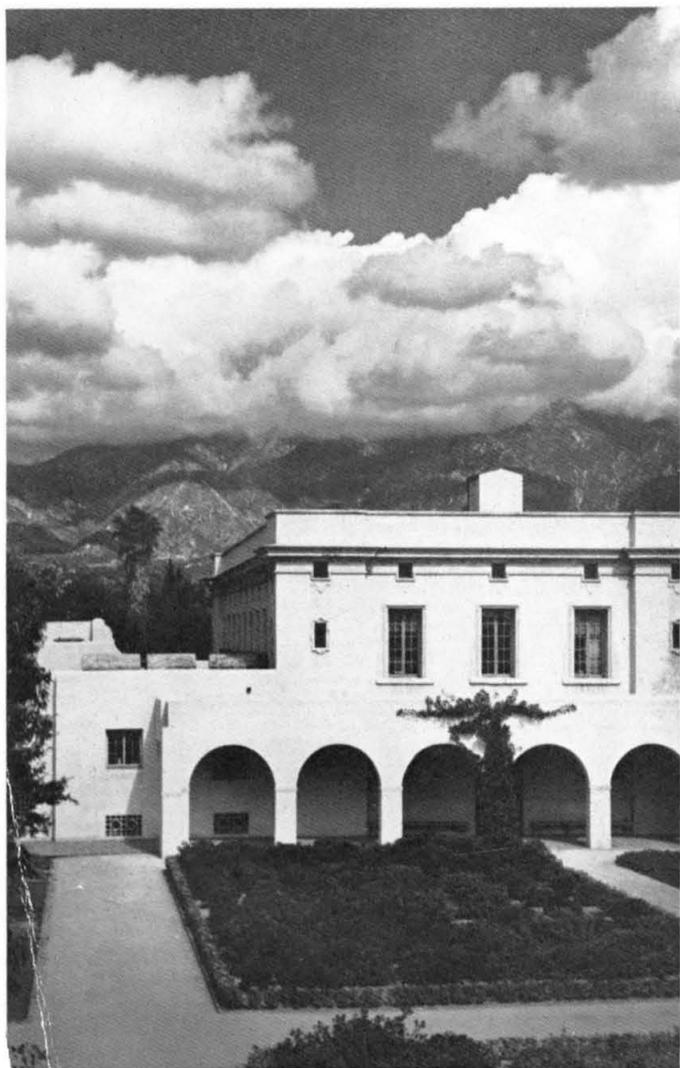


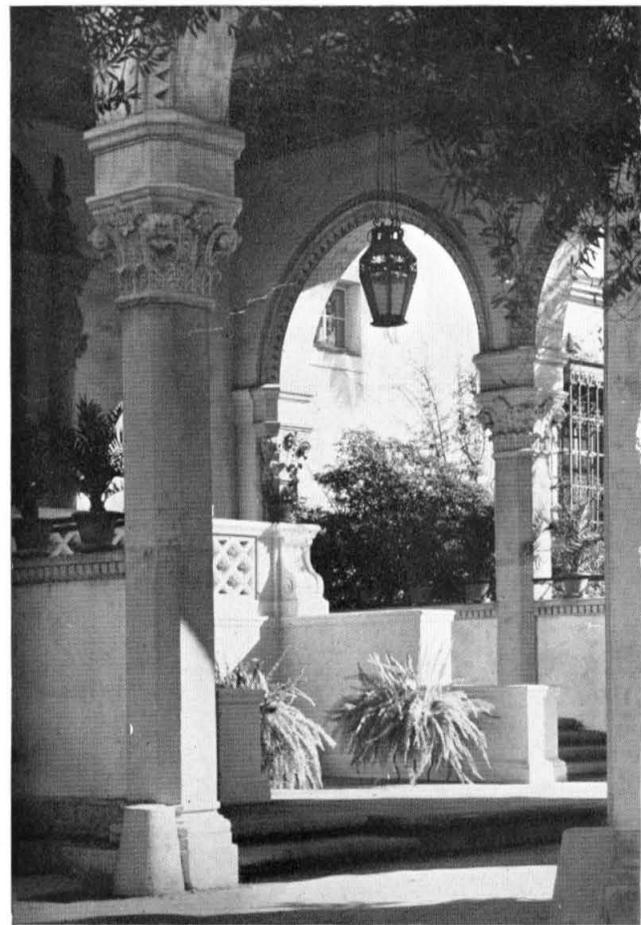
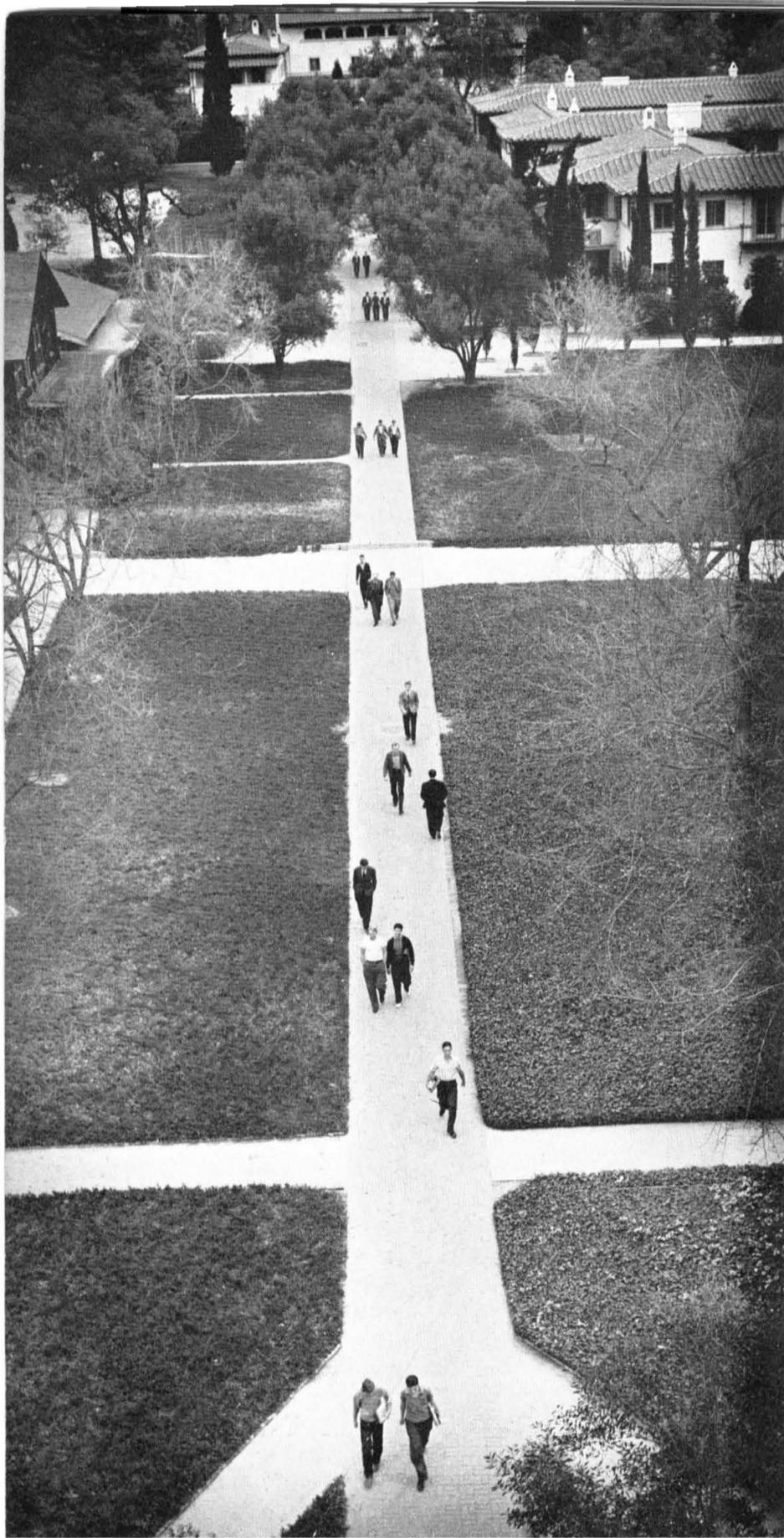


C O V E R S

THE CAMPUS

Graduates of the California Institute have learned from men who have themselves contributed to the advance of science. As the men of the class of '41 go out to find their places in the world of today, they will find that the emergency which confronts the nation demands hard working, well trained men, capable of solving the new and diverse problems which confront a nation in the throes of a struggle for national security, and they will be prepared.







B O O K O N E

COPPER • SILVER • C

VANADIUM • LEAD

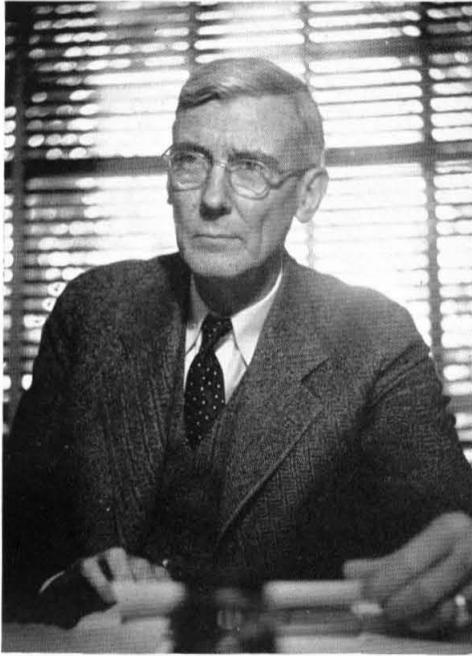
* Faculty

CHR

COAL



TIN



Frederick W. Hinrichs, Jr.
Dean of Upperclassmen

Ray E. Untereiner,
Dean of Freshmen



Edward C. Barrett,
Comptroller



Philip S. Fogg,
Registrar



Tech's administrative staff is a small body composed of highly competent men.

Underneath the precise military manner of Dean Frederick W. Hinrichs, which he inherits from his West Point days, Tech upperclassmen have found a wise and sincere counselor. His advice is freely given to those who ask for it.

Although possessing a keen, mature, legal mind, Dean Ray Untereiner has proved to be no older than his youngest freshman. His ability to treat freshmen as his equals has made him a great aid to the first year men in finding their bearings.

The "Undergraduate Emily Post," Louis Winchester Jones, ably fills the post of Assistant Dean of Upperclassmen.

Keeping Tech solvent in these days of economic uncertainty is no easy task, but Comptroller Edward C. Barrett has proved himself well able to cope with the problem.

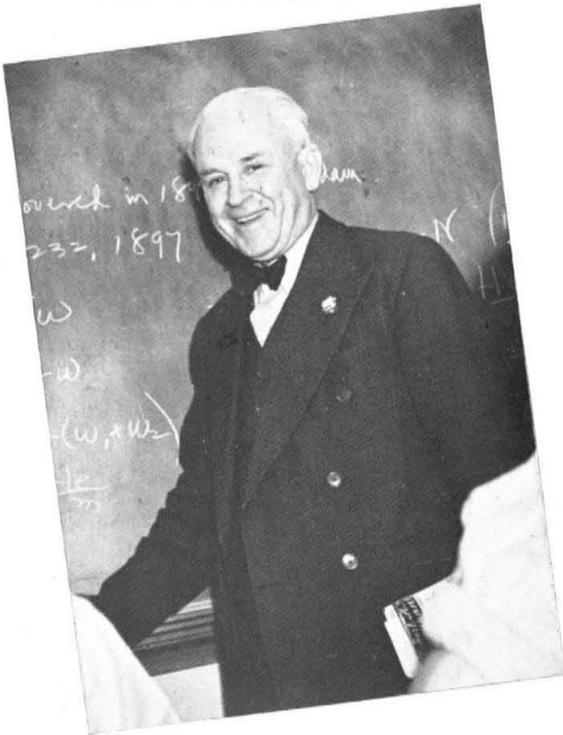
The difficult task of managing the home of the justly infamous blue slip is handled by Registrar Phillip S. Fogg.

EXECUTIVES

The physics department has been particularly outstanding in the field of science, having Nobel prize winners, Carl Anderson and Robert A. Millikan, among its members. Its foremost developments have been in the fields of atomic and nuclear physics, while the recent national emergency has called many of its outstanding men to Washington where they may continue their innumerable contributions.

Chemistry, under Linus Pauling, has made great advances in structural and biological chemistry and has been quite active in recent national defense work.

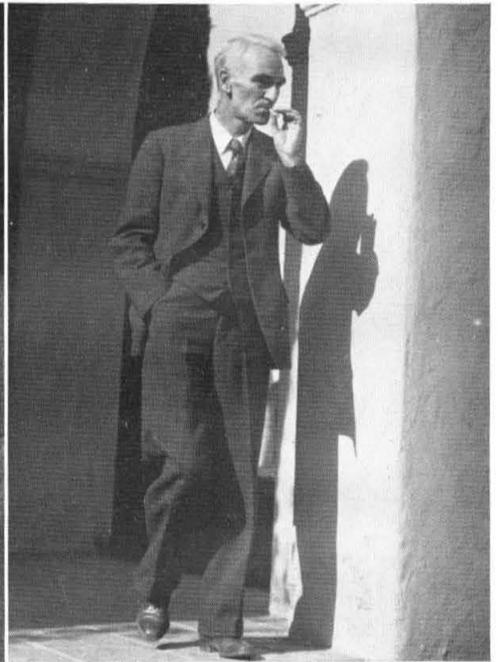
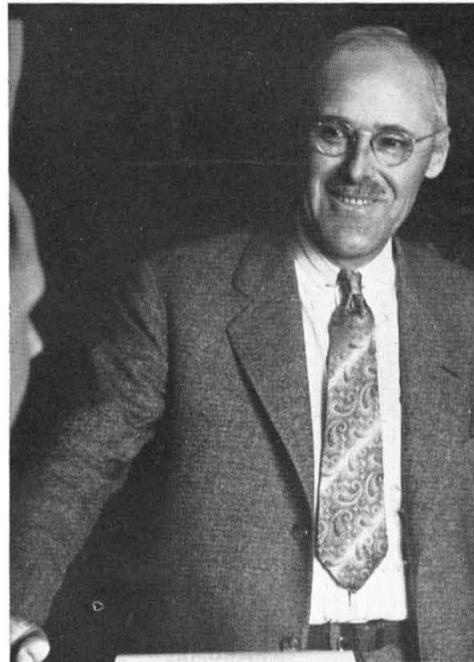
Robert A. Millikan,
Chairman, Executive Council



Thomas Hunt Morgan, Biology
J. P. Buwalda, Geology



Linus Pauling, Chemistry
E. T. Bell, Mathematics



Biology, led by Thomas Hunt Morgan, and always outstanding in genetics, has recently, under Henry Borsook, made advances in the field of vitamins which are of utmost national importance.

Dr. E. T. Bell, directing mathematics, has led increasing activity into new realms of a field basic to all science.

Geology, under John P. Buwalda, has recently played a major part in a government strategic minerals program imperative to national defense.

S C I E N T I S T S

ENGINEERS

The electrical engineering department is headed by Professor Royal W. Sorensen, President of the American Institute of Electrical Engineers. The department has been particularly active in its recent investigation of the protective angles of ground wires.

Always active in public service work, the civil engineering department, under the direction of Professor Franklin Thomas, has continued its fine work with solutions to pressing civic problems in the lines of soil mechanics, earthquake prevention, and sewage disposal, while the recent emergencies have brought the department even more forward in national defense problems.

In hydraulics and mechanical engineering Professor Robert L. Daugherty has been particularly active with industrial problems, having recently designed the ventilation for the six-mile Moffatt Tunnel through the transcontinental divide.

Outstanding in its contributions to industry, the aeronautics department under Professor Theodore von Karman has been brought prominently into the foreground of national aeronautical development with countless contributions to both government and industry and is widely recognized as the most productive aeronautical laboratory in the world.



Franklin Thomas, Civil Engineering. Theodore von Karman, Aeronautics. Royal W. Sorensen, Electrical Engineering.

HUMANISTS

Humanities courses at the Institute, headed by Professor Clinton K. Judy, cover many fields. Literature is extensively represented in all of its phases from Biblical to contemporary works. Philosophy is also represented, being capably taught by Professor Theodore Soares.

Dr. John R. Macarthur heads the language department, which concentrates largely on technical German and French, although occasionally offering Greek and Italian.

History is under the direction of Dr. William B. Munro and forms an integral part of Caltech's educational program. The economics department is headed by Professor Graham Laing and offers several courses in that field including a comprehensive course in business economics.

Newest addition to Caltech's increasing branches of education is the industrial relations department under the supervision of Professor Robert D. Gray. Sponsored by thirty-three industrial organizations who have pledged \$20,000 a year backing for five years, the department has a library of its own, investigates numerous industrial problems, holds frequent dinner discussion conferences, offers two courses for regular Institute students, and sponsors some ten engineering defense training courses in which it cooperates closely with industry, drawing eleven instructors from various parts of the industrial world.



Clinton K. Judy,
English



William B. Munro, History and Government
John R. Macarthur, Foreign Languages

B O O K T W O

PLASTICS • SYNTHETIC

• EXPLOSIVES •



classes

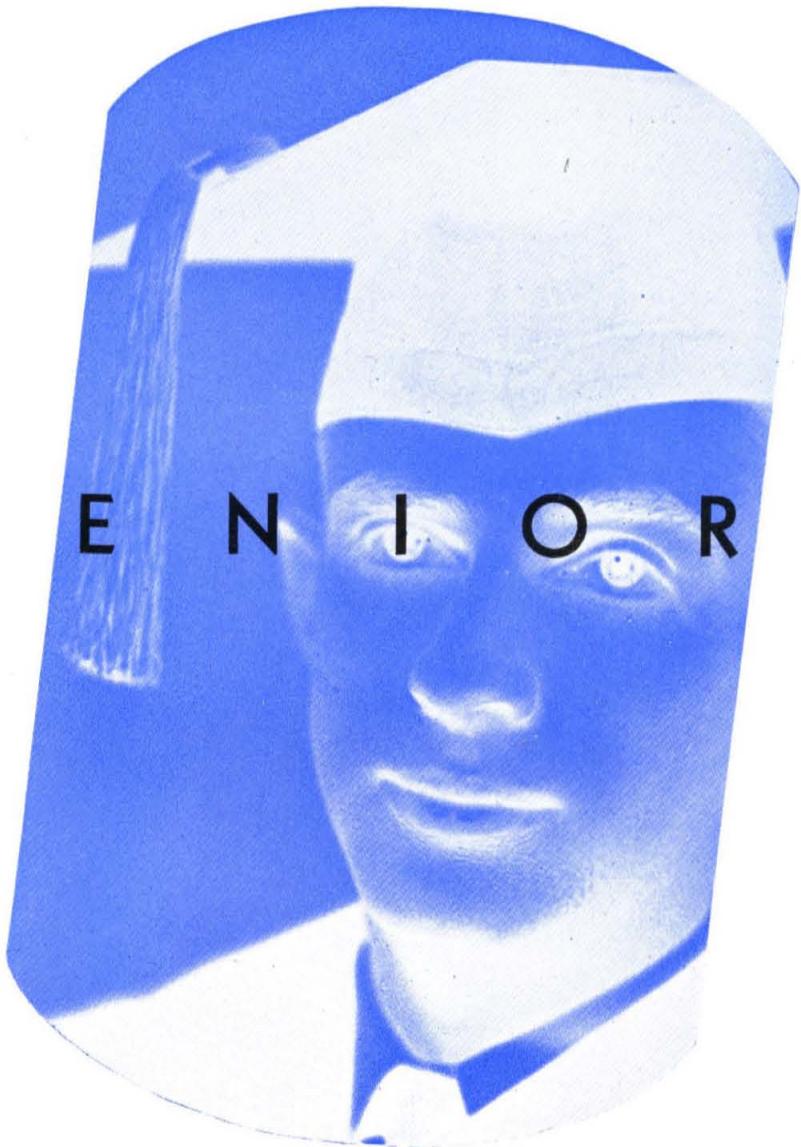
DYE

TICS

U E



S E N I O R S



bench.

In September of 1937, a new and promising freshman class assembled to register and begin its hectic life at Tech. Though outwardly it resembled freshman classes of previous years, it was distinctly experimental in nature and was watched with interest by the faculty.



TOP: Joseph W. Lewis, Jr., President
Robert Bowles, Vice-president

BELOW: Richard Vaughan, Secretary
Jeremy Jones, Treasurer

Personal interviews had results in the elimination of obvious misfits and had placed more than the usual emphasis upon personal qualifications. This departure in policy was early justified by the gratifying scholastic and extra curricular record which the class established, and has since become the fixed policy of the Institute.

As freshman, the class members participated actively in all phases of student life and established an impressive record in intercollegiate athletic competition. Though defeated by the arrogant sophomores in their first rodeo, the class gave a good account of itself and cheerfully sponsored a dance for the victors.

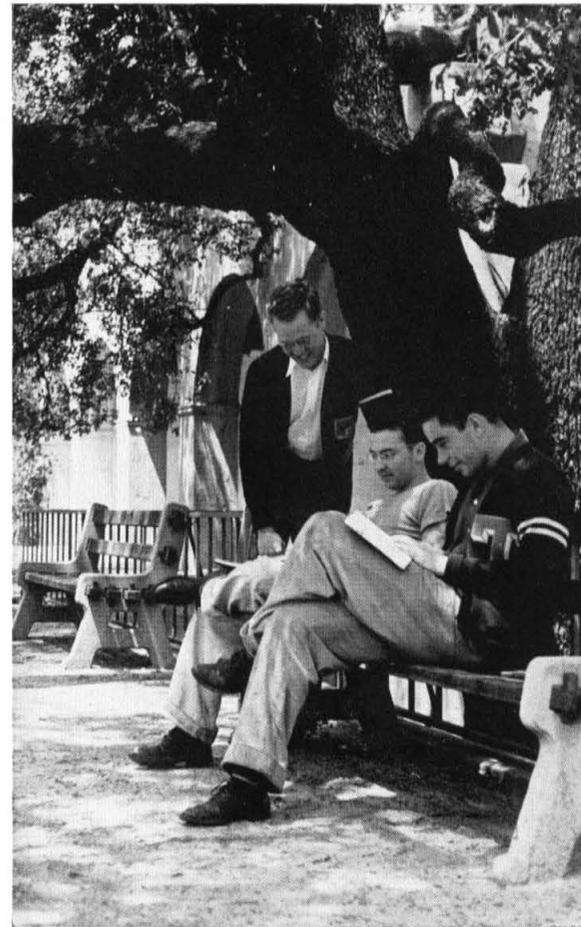
S E N I O R S

As sophomores and as juniors, the members of the class became important if not dominant factors in the life of the school. Athletic teams, clubs, honorary fraternities, debate squads, drama groups, publications—all felt the driving influence and the certain something called "spirit" which has become identified with the class of '41.

Finally, as seniors the class members have reached the fruition of purpose which has been their goal through Tech. Sobered by the realization that they have completed one phase of their life, they nevertheless look confidently into the future. They will miss Tech, and Tech will miss them.

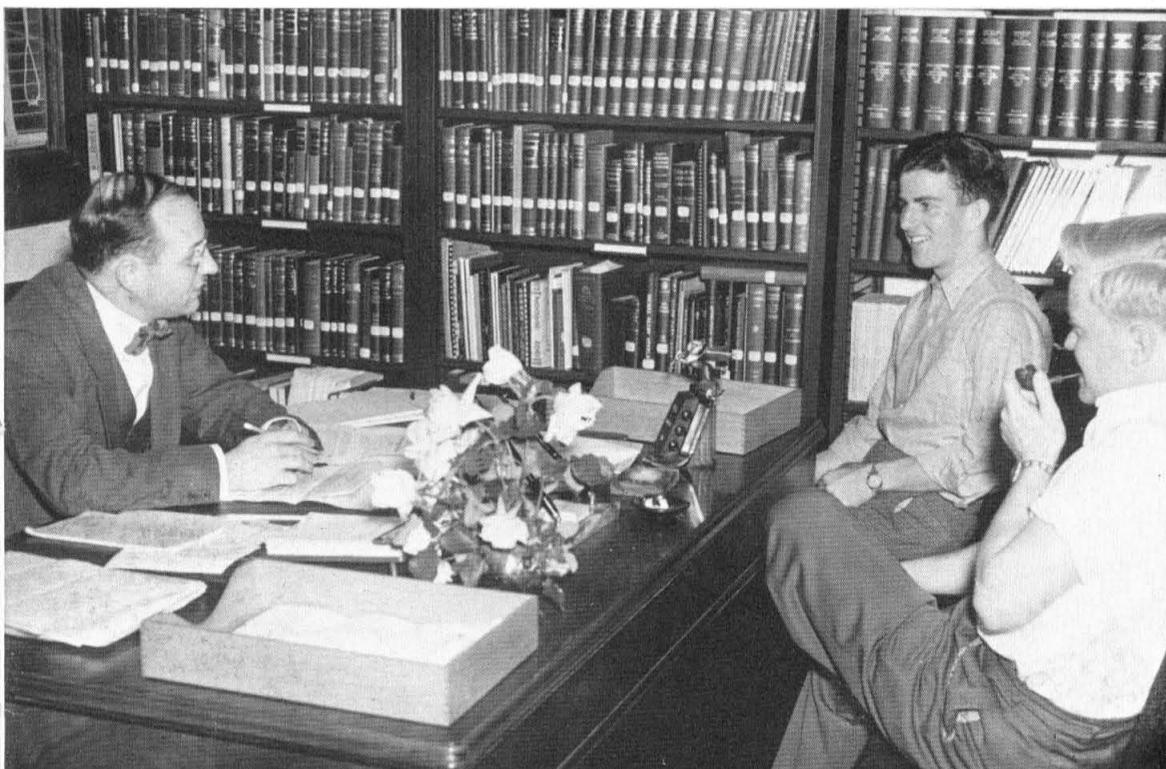
Senior activities in the last term of the senior year included senior participation in the Exhibit Day, which was in the charge of Stanley Sohler, member of the graduating class, the Junior Senior Garden Party in May, and the Junior Senior Prom, after Commencement. The day the seniors will remember, however, is the Senior Ditch Day, which fell on May seventh, when class fellowship was reaffirmed over kegs of foaming beer.

However, the thoughts of the graduating students now turn to the serious matter of making a living. For help in obtaining jobs they have the Alumni Placement Office, under the direction of Dr. D. S. Clark, to thank, for this organization has arranged interviews with firms looking for qualified engineers and technicians.



Lounging on the traditional senior bench.

Lewis and Greenhalgh discuss employment prospects with Dr. D. S. Clark, Director of Placements.





KIRK ABBEY

Kirk came to Tech from San Diego. He became an applied physicist, member of AIEE. "K.A." found inspiration and enjoyment in being an active member of the YMCA cabinet during fourth year. Side interests: Biology and bio-physics.

W. GORDON ABRAHAM

"Gordy" hails from far-off South Africa. A physicist, a member of Tau Beta Pi, and a Beaver. Ran cross-country for Fleming House. YMCA president, and always a loyal booster of "Y" work. Never misses house or A.S.B. dances.

ROY MITCHELL ACKER

A mechanical engineer from Modesto. Member of Blacker House, ASME. Roy has taken a great interest in athletics. Cross-country three years, track two. Enjoys social affairs, especially formals.

GRICE AXTMAN

Grice commutes from San Marino. He is a member of the Beavers, active in Throop Club. Throop president '39, Social Chairman '38. Well known as leader of the band. Candid camera bug. Studies chemical engineering in spare time. Known as Squire of Throop Club.

ALFRED BERSBACH

Transferred from UCLA to become an electrical engineer. Member of AIEE, Blacker House. Al finds relaxation and enjoyment in swimming and playing basketball. Is always ready to match wits in a game of chess.

GLENN WAGNER BILLMAN

Member of the Board of Control, secretary of Fleming House, and of junior class. Letterman at baseball, and leader of this year's team as captain. Participated in interhouse athletics. A Long Beach man, Glenn calls himself an applied chemist. Won Honor Key, and topped it all by making Tau Beta Pi.

FRED WALLACE BILLMEYER

Chemistry is the subject nearest Fred's heart. He is president of the Chem Club, and of the Caltech Musicale. Has taken a great interest in basketball, receiving a letter as manager. Comes from Hollywood, and is a Throop Club member.

ROBERT R. BOWLES

"Bobby" is one of the class leaders. Member of Tau Beta Pi, Varsity Club, Beavers, vice-president of class as junior and senior. President of Fleming this year, business manager of 1941 Big T, awarded two honor keys and two letters in baseball. An applied chemist from Denver.

G R A D U A T I N G

C L A S S



GEORGE H. BRAMHALL

Treasurer of A.S.B., Beaver, honor key. Treasurer of Junior Class. Secretary of sophomore class. Past secretary of Fleming House. George received his letter as senior baseball manager. "Campaign posters by Bramhall," a byword on the campus. Studies mechanical engineering. Member of ASME.

PHILIP D. BROOKS

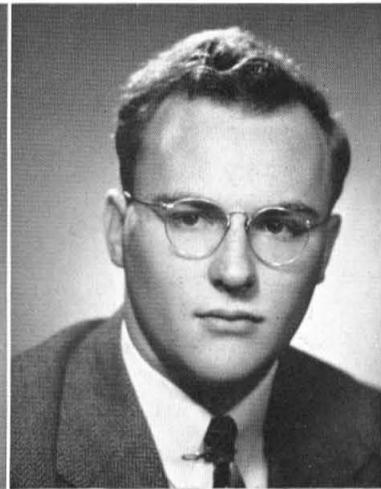
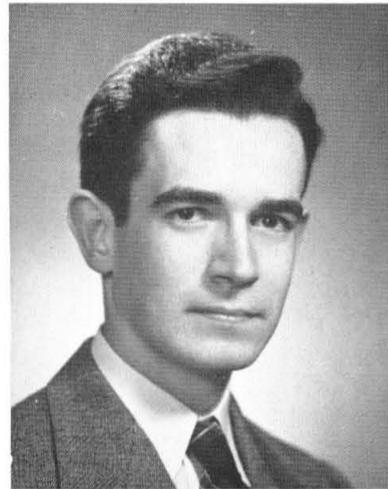
Phil entered Tech from Huntington Park and studied aeronautical engineering. Member of Throop Club, vice-president in '40 and plugging pledge-master in '39. Played frosh tennis, house football, and basketball. Treasurer of Tau Beta Pi.

ROBERT BUSS

Bob is a leader in the field of forensics. President and publicity manager of Pi Kappa Delta, and debate manager. Wears honor key. Letterman in swimming and water polo. Member of Drama Club. Staff member of California Tech and Big T. Came from Iowa to study applied chemistry.

DON CAMPBELL

Don has been one of Tech's most versatile and outstanding men since he entered in 1936. As athletic manager for the student body in 1939-40, Don put on one of the best athletic banquets ever staged. One of the mainstays of Throop Club. Don performed the outstanding feat of winning three honor keys during his stay here. Beaver, member of Varsity Club.

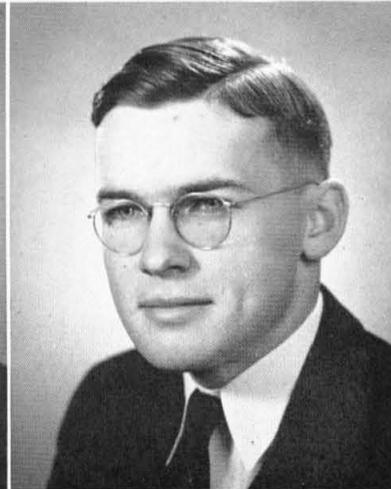


ARTHUR S. BENSON

An aeronaut from Ricketts House. Art is an ardent supporter of house athletics, playing baseball, football, softball, and handball, and wrestling for the Rowdies. Member of ASME. A bachelor for life with a definite weakness for blondes.

ROBERT G. BOWLUS

Bob entered Tech from South Pasadena to become an applied chemist. Married in his sophomore year. He takes great pleasure in running the slalom, or in any mountaineering. Is a member of the ski team. Played frosh water polo. Member of Throop Club.



JOHN H. CARR

John, a mechanical engineer from Pasadena, served as secretary of Throop Club. He will be always remembered for his humorous minutes of board meetings, and his efforts to secede from the Institute. A member of the ASME.

FRANK GORDON CASSERLY

Came from El Paso to become an electrical engineer. Climaxed his activities in Throop Club by being its president this year; social chairman last year. Member of Beavers and of AIEE. Likes to hike. "Hopalong" is also a member of the U. S. Marine Corps Reserve.



G R A D U A T I N G

WILLIAM F. CHAPIN

"Chape" combined his popularity and ability as ASB vice-president this year. Basketball letterman, former secretary of Ricketts House, Board of Control and Varsity Club member, vice-president of Beavers, sports editor of California Tech, winner of three honor keys. Another Long Beach applied chemist.

WALTER Z. DAVIS

"Zeke" is another of Techs best fellows. A Fleming ME with one of the school's finest physiques. Mainstay of varsity water polo and swimming squads, and of Fleming's house teams. Athletic manager of Fleming this past year. Loyal to the O.A.O. in Spokane and to the great northwest. Member of Beavers and Varsity Club.

FREDERICK W. CLARKE III

One of Blackers principal socialites. Was vice-president of Blacker last year. Won numerals playing frosh football. Captain and letterman in varsity golf. "Fritz" also played softball and swam for Blacker. Calls Omaha his home, and mechanical engineering his major.

DONALD E. DAWSON

Don is the pep generator of the school. Yell leader for three years, and Rally Committee Chairman. Wears an honor key and is a Beaver. Moved to Ricketts this year. Track manager and on frosh camp committee for three years. A Pasadenan and an EE.

ROBERT GEORGE COOPER

"Coop" has been one of the mainstays of Tech athletic teams for four years. Will be remembered for his fiery signal calling on the varsity eleven, and as a snappy forward on the basketball team. Beaver, holds an honor key. He is a pure chemist.

WILLIAM L. DENISTON

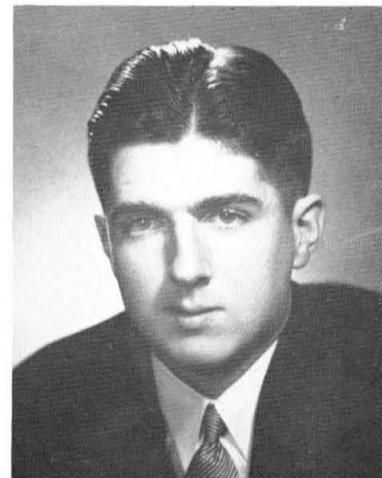
Electrical engineering laid its hold on Bill and dragged him to Tech from South Pasadena. He is a member of Throop Club and has taken part in intercollegiate basketball. Is interested in archery and good football games.

WILLIAM H. CORCORAN

Member of Board of Control, Varsity Club, holds honor key, is a Beaver. Corky is an able baseball player, and also participates in house athletics. Member of Dabney House and Tau Beta Pi. Yet he still finds time for his applied chemistry.

FRANK H. DICKEY

A chemist from Los Angeles, Frank is an excellent lab technician and hopes to be a research chemist. Member of Chem Club. His greatest interest in life is one certain girl. He will be married probably before graduation. Juggling is his hobby.





WILLIS DOBBINS

"Dob" came to Tech in '33 from Ohio Northern. An EE from Fleming, he belongs to the radio club. One of the big guns on Fleming's tennis team. Can always be found shuffling the pasteboards in the game room.

GENE EDWARDS

One of Dabney's most active house men, Gene has played baseball, football, softball, and basketball for the Darbs. Entered Tech in '37 from Crockett, California. Showed his football ability in his frosh year by winning his numerals.

CHARLES LEE DAILY

Charles entered Caltech in 1937 from LACC. He played football until knee injuries prevented it. Actively interested in the YMCA. Member of Tau Beta Pi. Plans to become an aeronautical engineer.

DOUGLAS DILL

Doug is one of the married men of the senior class. Even so, he played scrub football and was one of the stars of the Throop team in 1939. Douglas entered Tech in 1939 from C.O.P. Plans to be an AE.



QUENTIN ELLIOTT

Quentin came from Omaha, Nebraska, to become an applied chemist. Member of the Chem Club. Attended Asilomar and has been one of the most active supporters of the YMCA, being a cabinet member in his fourth year. Enjoys a good set of tennis.

MERRITT V. EUSEY, JR.

An electrical engineer from Pasadena. Member of AIEE. One of Tech's finest athletes. Three year letterman in both football and track, and captain of the track team this year. Skis for relaxation. A Fleming man, member of the Beavers, Varsity Club. Enjoys taking candid camera shots.

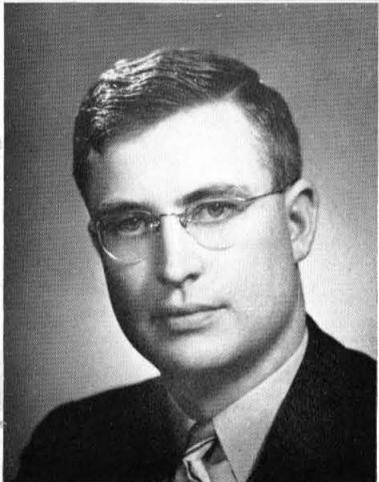
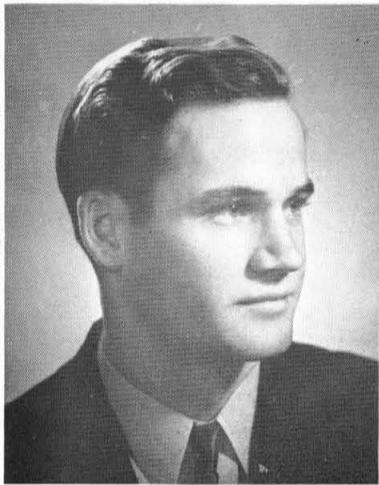


GRANT EWALD

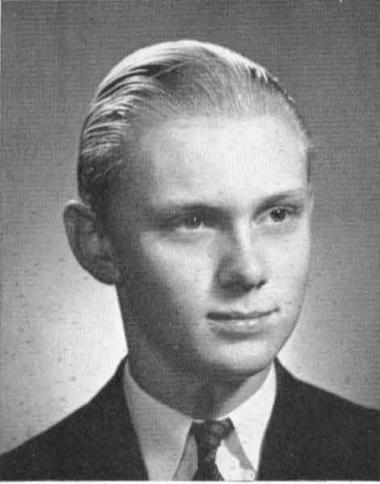
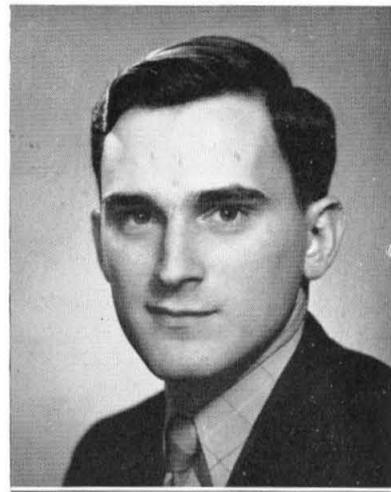
Grant transferred from Redlands and studied here to be a mechanical engineer. Member of ASME. Enjoys singing with the Tech Glee Club. Relaxes in frequent games of tennis or handball.

PAUL S. FARRINGTON

Vice-president of the Drama Club. Many plays, including feminine leads. Vice-president of freshman class. Board of Control member. Secretary of Blacker House. Paul majored in applied chemistry. He was an active participant in many house sports.



C L A S S



PAUL HARRY FAUST

"pH" has been one of Throop's regular members for four years. Came to Tech from Pasadena to become an applied chemist. Member of Chem Club. Makes frequent trips to visit a certain member of the opposite sex.

ROBERT E. FISHER

An aeronautical engineer from Los Angeles. Varsity Club member. Member of the tennis team for three years. Plays football for Fleming House. Relaxes in frequent skiing excursions. Enjoys watching the wheels roll around.

GLYN FRANK-JONES

Los Angeles is F-J's home town, and electrical engineering his chosen subject. He furthers his knowledge of EE by belonging to the AIEE. Co-editor of the California Tech, and Assistant Publicity Manager have been his journalistic offices. Member of Press Club.

ARDEN H. FREDRICK

Fred entered Tech from San Diego State to become an electrical engineer. He is a member of Throop Club, and of the AIEE. His hobby is music and he enjoys the musicale. Takes a special interest in absorbing knowledge about electronics.

SIDNEY K. GALLY

Sid is a P.J.C. transfer student, and a member of Throop Club. His course is electrical engineering and he supplements his scholastic work by being a member of AIEE. A Throop socialite, known for his droll witticisms.

ROBERT C. GEITZ

Bob is one of the "brains" from Blacker House. Started Tech to become a physicist, but changed to chemistry in his junior year. Bob is one of those famed Blacker card sharks. Hails from the Quaker State.

JOHN WILLIAM GILLINGS

"Long John" arrived at the Institute back in 1936. While here he pursued a course in electrical engineering. Pope of Blacker House. Two years in the band. Musicale member. From Medford, Oregon.

JEROME GREEN

Jerry, hailing from San Francisco, showed the local yokels how by making coveted Tau Beta Pi. Majors in applied chemistry and belongs to the Chem Club. Member of Blacker, he played house softball, baseball, and basketball. Kept the boys in his alley in line as UCC.

G R A D U A T I N G

C L A S S S



**GEORGE ADAMS
HARDENBERGH**

An applied physicist from St. Paul, George takes great interest in the AIEE. He is also a member of the IRE. Interested in communications and high fidelity sound systems. A well known figure of Fleming House.

JAMES TURNER HARLAN JR.

One of Throop's outstanding scholars, Jim is a Tau Beta Pi member. An applied chemist, he has been an outstanding swimmer, captain of the swimming team. Member of the Varsity Club. Enjoys working for the YMCA; this year's vice-president. Especially interested in petroleum.



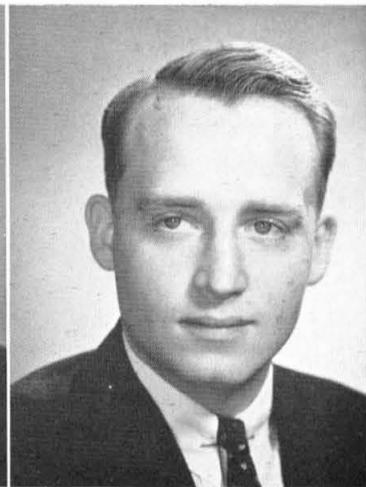
GEORGE BOWMAN HARR

George has taken a very active part in all student activities. Varsity track two years, house football four years, Varsity Club, sports writer of California Tech and Big T. Member of Press Club, Election Committee chairman, honor key, and a Ricketts man. Studies applied chemistry, taking especial interest in organic.



ROBERT H. HARRIS

Bob is a pure chemist from Blacker. Sang in the Glee Club four years. Takes pictures and does photographic work for a hobby. Calls Dayton, Ohio, his home. Entered Tech in 1937.

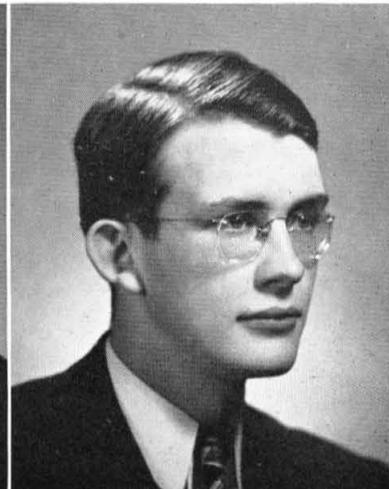


ROBERT B. GALESKI

Has been a member of Throop Club since entering Tech, playing on the Club's softball and baseball teams. Played frosh football. He has been secretary of the Newman Club. He is a geologist hailing from Los Angeles.

FRANCIS GREENHALGH

"Greenie" has very successfully guided the destinies of Ricketts House this past year as its president. Was formerly Ricketts' athletic manager. Invaluable on house softball, football, basketball, tennis, and baseball teams. A member of the Beavers. An ME from Los Angeles.

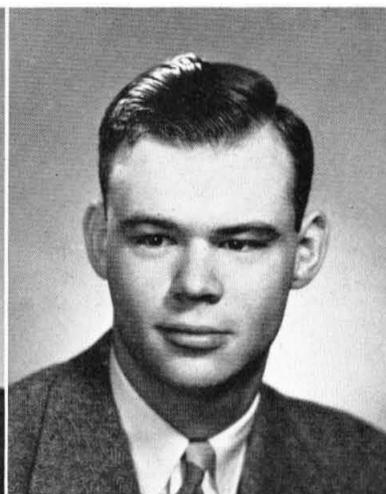


THOMAS J. HASSARD

An applied physicist from Chula Vista. Frosh baseball, and junior track manager. Member of AIEE. Proprietor and managing owner of "Club 55", and chief Fleming rowdy most any week end.

WALLACE D. HAYES

A brain among brains, Wally came to Tech from Palo Alto to become a physicist. He is a member of Blacker House, Tau Beta Pi, Pi Kappa Delta, and the Varsity Club. He earned his letter in swimming. He is a very fluent debater. Like so many other Techmen, Wally enjoys a week end of skiing.



G R A D U A T I N G

WILLIAM B. HEBENSTRIETT

Bill left the University of Chicago in 1939 to come to Tech to study applied physics. Has been a writer for the Tech, member of Throop Club and the Ski Club. Is a fine swimmer and a member of the team. Radio is his hobby, but he also spends much time building a library.

CAROL KAZUO IKEDA

Carol entered Caltech in 1939 from P.J.C. to become an organic chemist. He is one of the top men in the class. Carol spends the greater portion of his time in the organic research laboratories.

JOHN B. HIATT

Varsity baseball manager for four years. "J. B." entered Tech in '36 from P.J.C. to become a mechanical engineer. Took time out for a year to earn some money in his own business. Member of Throop Club, Varsity Club, and ASME.

WILLIAM LEE INGERSOLL

Bill is the Paul Bunyan of Fleming House. Four years football, frosh numeral and varsity letters. A member of Tau Beta Pi and Varsity Club. Secretary and vice-chairman of ASME. Treasurer of Fleming. A mechanical engineer from Oregon. Likes to play chess with his instructors.

KIM HILL, JR.

A geologist from Glendale, Kim obtains enjoyment in collecting rocks and minerals. Also collects stamps. During the summer he may frequently be observed tempting trout in the high Sierras.

HOMER JACOBSON

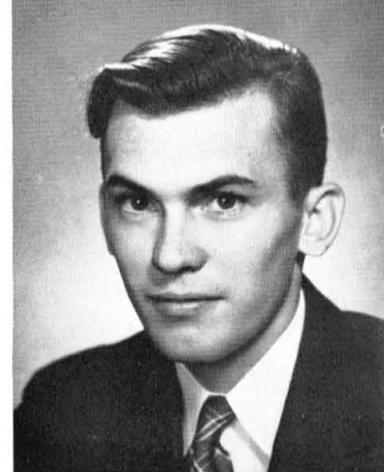
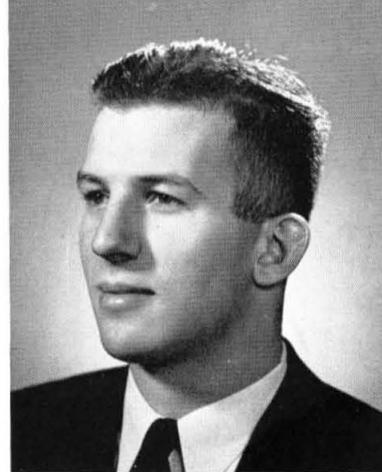
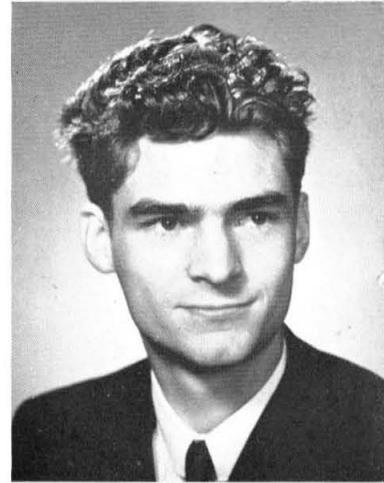
A real brain trust, Homer surprised everyone except himself by completing four years study in chemistry in three years. A Los Angeles lad, he is a member of Dabney house, playing on the house handball team. A member of Tau Beta Pi. Active in the Caltech Musicale, and a reporter for the California Tech.

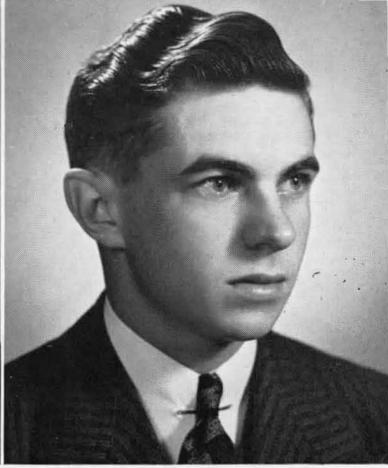
KENYON B. HOWARD

An applied chemist from Pasadena. Member of Chem Club. Played violin in the orchestra. Ken was Throop Club secretary in '38. Takes great interest in all Throop Club activities. Married at end of his junior year.

GILBERT ALLAN JONES

"Gil" has been a loyal member of Fleming House since he entered Tech in 1937. Member of Fleming's tennis and cross-country teams, he is also an ardent skier. An EE from Scottsdale, Arizona. Member of the AIEE.





JOHN W. JONES

John is a member of the Glee Club and derives much enjoyment from the musicale. His home is Bishop, California. John came to Tech from LACC. His major is analytical chemistry and he is a member of the Chem club.

ROBERT E. KINGSMILL

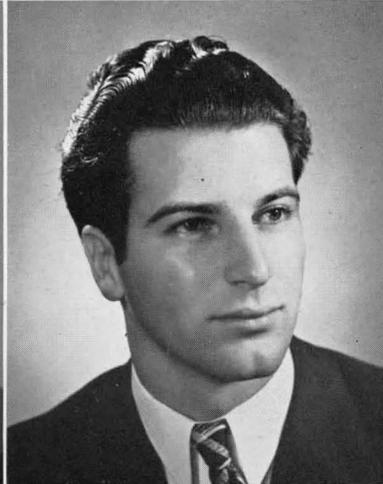
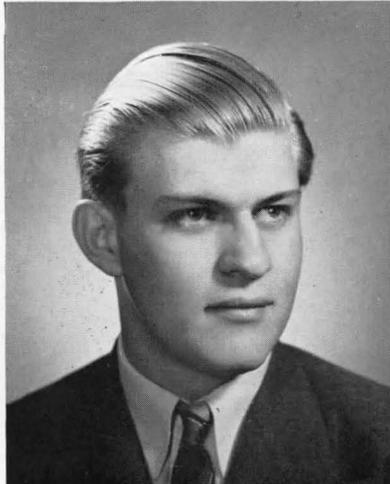
Bob is a Ricketts man and an EE. One of the bulwarks of Rickett's social and athletic programs. Never missed a dance. Member of the UCC in Ricketts, and prexy of AIEE. One of those smooth Long Beach boys.

MIYOSHI IKAWA

Chemistry has been the main interest of "Ikky" during his stay at the Institute. A member of the Chem Club, he astonishes his fellow chemists by combining phenomenal grades with an early bedtime. Tau Beta Pi. He is the lightest member of the Fleming House wrestling team.

JEREMY A. JONES

Treasurer of the senior class, and of Throop Club, Jerry is also a member of the Election Committee. He has been Rally Committee member, senior football manager. Beaver. Honor key. Played water polo. Enjoys skiing and outdoors, although he may frequently be seen playing bridge in Throop Club. Studies applied chemistry in spare moments.

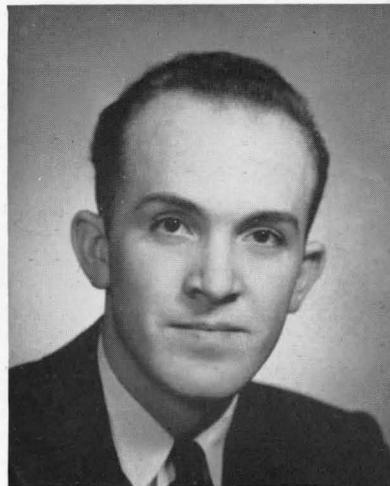
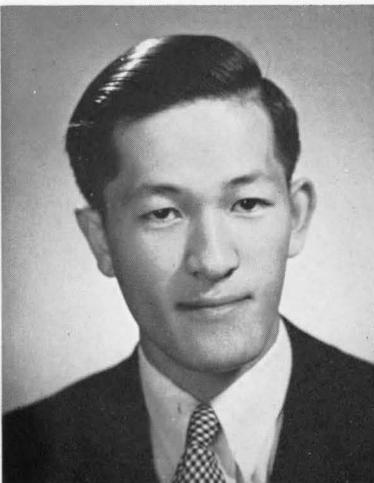


EMERSON H. LA BOMBARD

"La B" started slowly, but wound up with a bang at Tech. Ended his career here as president of Blacker House. Won frosh numerals at track. Played football for Blacker. Member of ASME, and of Beavers. Calls Santa Monica home.

EUGENE ALEXANDER LAKOS

Gene has piloted Dabney this year in the capacity of president. Board of Control member for two years, treasurer of frosh class. He has been very active in varsity and house football, basketball, and track. Came from Santa Barbara to become a civil engineer. Member of ASCE, Beavers.



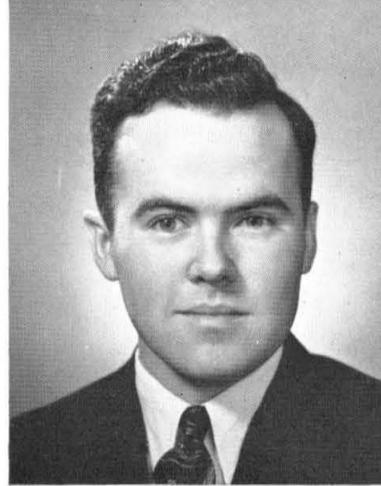
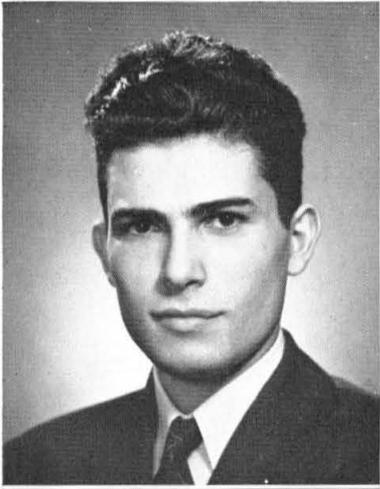
BRUCE E. LAWRENCE

Bruce comes from Pasadena and majors in physics. Exhibit day chairman for physics department. Earned numeral at basketball. Assistant yell leader in '38. Member of Throop Club. An excellent pianist, and all-round good fellow. Does research in his spare time.

ROBERT LEIGHTON

Bob transferred to Tech from LACC and proceeded to show the natives how. Tau Beta Pi member. His chosen field is electrical engineering but he takes a great interest in philosophy. Member of AIEE.

C L A S S



BERL D. LEVENSON

Berl is the school's outstanding political analyst. Member of Tau Beta Pi. Entered Tech in '37 from Los Angeles High School. Member of AIEE and naturally an electrical engineer. NYA timekeeper. Will be back on a fellowship in EE department.

LEO CHARLES LEVITT

Leo came to Tech from Pasadena Junior College in 1936 to study physics. Radio has always been his hobby and he has continued his interest at Tech. Member of Radio Club. Obtains relaxation by playing tennis or swimming.

JOSEPH WALTERS LEWIS, JR.

Beaver president, senior class president, representative-at-large in junior year, Board of Control member. Two years varsity tennis. House sports, employment committee chairman. These and other activities have given Joe a well-rounded college career. Home town is South Pasadena, and majors in mechanical engineering.

CALVIN LONG

Cal is one of the original Ricketts Rowdies. Member of ASME. Big gun in Ricketts House football team for two years. Member of Ricketts wrestling team. President pro-tem of the famed chumstaffel. Calls Santa Monica home.

D. F. J. McINTOSH

"MacKinzie" entered Tech from Canada in 1937. Backfield man in Fleming's football team. Won frosh numerals in swimming, played frosh and scrub football for four years. Spends most of his spare time working on his Cadillac.

STANLEY J. MITCHELL

Has taken an active interest in sports, playing football for three years. Entered Tech from San Gabriel to become an applied physicist, and is member of AIEE. Athletic manager and former secretary of Throop Club. Obtains great enjoyment in all social affairs.

CHARLES L. MOORE

Chick started out in Tech by being Frosh chairman and freshman member of the Board of Control. Hails from Mojave and majors in geology. Likes to play golf. Member of Throop Club. Plans to get married after graduation.

ROBERT FRANCIS MYERS

"Spear" earned his nickname as the outstanding basketball player of the conference for three years. Three years on the Board of Directors, including a term as president of the student body. Member of Beavers and Press Club. Three honor keys. Three letters in both basketball and baseball.

G R A D U A T I N G

C L A S S



JOHN G. PALMER

Jack came from Brawley to study mechanical engineering. Socially very active in Blacker House. Participated in house football, track, and swimming. House officer for two years. Worked two years on Exhibit Day committee. Member of ASME. Sailing is hobby.

JOHN G. PARTLOW

John is an electrical engineer from Los Angeles. Member of Ricketts House. Played interhouse handball. Member of Tau Beta Pi, AIEE. John is interested in classical music and plays tennis for relaxation.

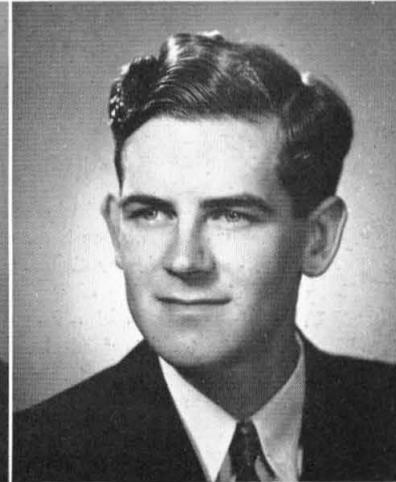


NEWELL THOMPSON PARTCH

Newell is one of those rare fellows who is completely self supporting. Member of Throop Club, and an outstanding player on the Club's athletic teams. Two year letterman in varsity water polo. Chairman of ASME in 1940-41. Member of Varsity Club, Beavers.

JOHN J. PAULSON

Transferred from P.J.C. as a junior. Played two years varsity football and one year of house football for Throop Club. Became known for his political affiliations. Chose electrical engineering as his major subject. Also interested in singing.

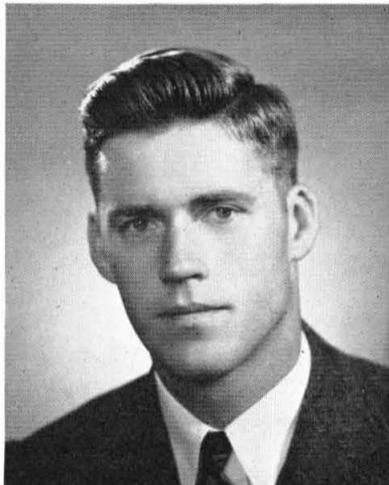


RALPH CARROL MANINGER

Physicist, member of AIEE. Plays in both band and orchestra. One of the boys from Kansas. Radio and television are his hobbies, occupying his spare time, what there is of it.

ROBERT LEROY NOLAND

A Dabney man, Bob was active in almost all house affairs. Member of Newman Club and of the frosh YMCA. Served as Exhibit Day Chairman for the physics department. Member of ASME. Debated as a frosh.



RALPH PETERS

One of the married men in the senior class. Recommends it highly. Won frosh numerals in cross country. Comes from Oklahoma where he has farmed 80 acres of wheatland every summer. Member Tau Beta Pi, ASME. Interested in religious work. Studies mechanical engineering.

LIVINGSTONE PORTER, JR.

"Hooks" entered Tech in 1937 from P. J. C. A baseball fan from the start, he won his numerals as a frosh, and played three years on the varsity. Member of Fleming House. A geologist and a member of the Geo-Paleo Club.



GRADUATING

GEORGE I. REIMERS

One of the few men to win varsity letters in three major sports, football, basketball, and baseball. Athletic manager of the student body. Member of the Beavers and the Press Club. Earned three honor keys. Reporter on the California Tech and the Big T.

JOHN M. RICHARDSON

John is one of the most outstanding chemists in the school, and has a wide variety of interests. Won awards on both the swimming and water polo teams. Likes to play and hear good music. Member of the Chem Club, Musicales, and the Glee Club. Recording secretary of the Tau Beta Pi.

CHARLES ROEN

Chick entered Tech from Alhambra to become an applied chemist. Married early in his junior year. Passed out very good cigars during finals week second term—a girl. Can frequently be found engaged in bridge game in Throop Club lounge.

JOSEPH FRANKLIN ROMINGER

Joe is a geologist from Long Beach. Won his frosh numeral and three varsity letters at tennis. Sports reporter for the California Tech. Active member of the YMCA. A member of Ricketts House for four years.

CLAUD STANLEY RUPERT

Exeter's white hope has done well by himself at Tech. Stan is a member of the Beavers, Varsity Club, and the drama club. Member of Tau Beta Pi. Three year track and cross country letterman. Captain frosh track and cross country teams, and varsity cross country. Co-editor of California Tech. Blacker House UCC.

GEORGE CHITSUGI SAKAI

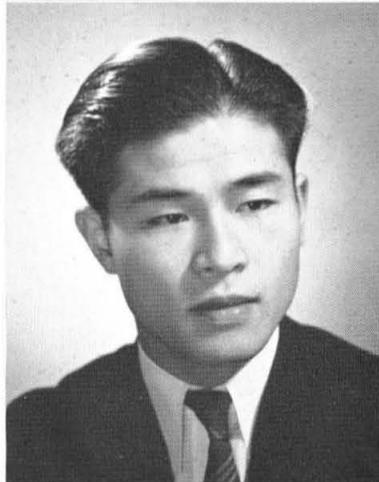
George has worked to pay most of his expenses here at Tech. Loyal member of Throop Club for four years. Entered Tech in 1937 from P.J.C. to become an AE. He is known as a regular fellow.

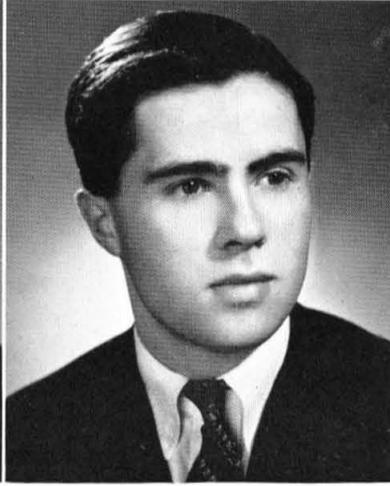
ALFRED SCHAFF, JR.

Al is an ME of Dabney House. One of the House's outstanding men. Member of Dabney's football and track teams. Likes to fly. Left school in 1940 to take a job with Douglas Aircraft. Proudly calls San Francisco his home.

WILLIAM SCHUBERT

Willie became known by leading his own dance band. Is also interested in all of the school musical organizations. Won numerals in frosh football and played varsity baseball two years. Member of the Newman Club. One of the large number of skiers from Dabney. A mechanical engineer.





FRANK H. SKALECKY

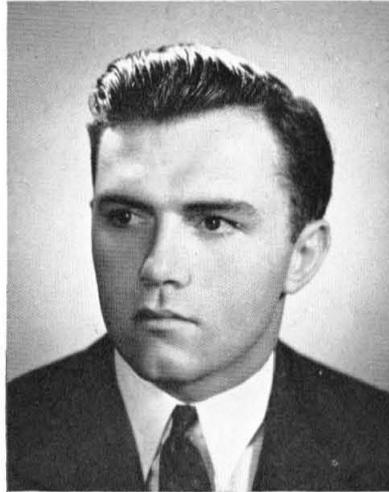
A Coronado man. Frank was captain of the frosh basketball team and earned one varsity letter in this sport. A three year letterman in tennis. His main interest and major course of study has been geology. A Fleming man.

JOHN GILBERT SMALL

Johnny entered Tech from San Rafael High School in '37. One of Tech's best backfield men for three years. Athletic manager of Blacker House. A physicist who spends most of his spare time earning his next tuition. A famous practical joker.

ROBERT ROUTT

A socialite of Dabney House who gained his early training at Webb School. Member of the staff of the California Tech. Vice-president of the Chem Club. Member of the Ski Club. His hobby is grinding and polishing stones. An applied chem major.

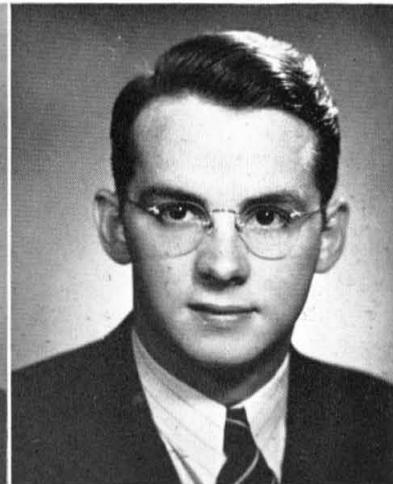
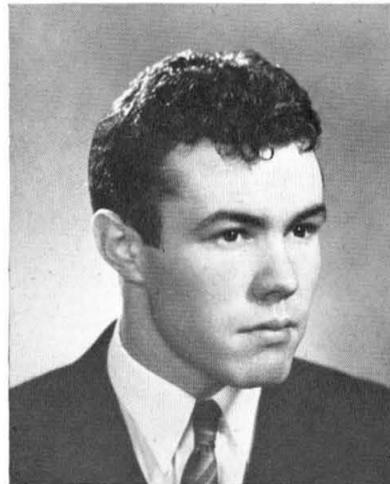


RICHARD FREDERICK SILBERSTEIN

A transfer from Sacramento J. C. Found time to play three years of varsity baseball in addition to studying his civil engineering course. Vice-president of the student chapter of the ASCE. Played house football, baseball, and softball for Blacker.

REUBEN SNODGRASS

One of the most active men on the campus. Member of Ricketts House. Three year letterman and captain of the swimming team. Same holds for water polo. Southern Cal Conference diving champ for two years. An aeronaut hailing from Oklahoma.



STANLEY E. SOHLER

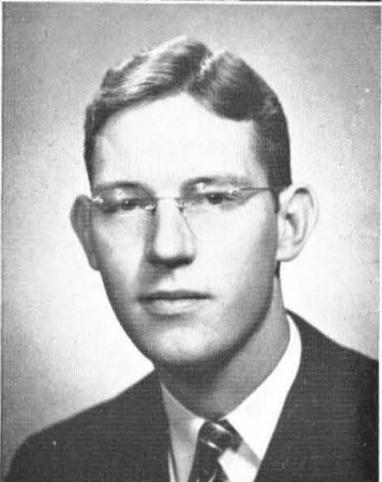
Stan is an all-round man. Frosh and varsity football captain; three year basketball letterman, member of Beavers, president of the Varsity Club. Exhibit Day chairman this year. Honor key. Interested in women—any women. An ME from Portland.

JOHN D. SPIKES

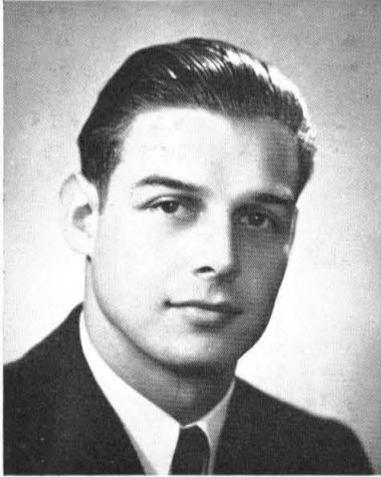
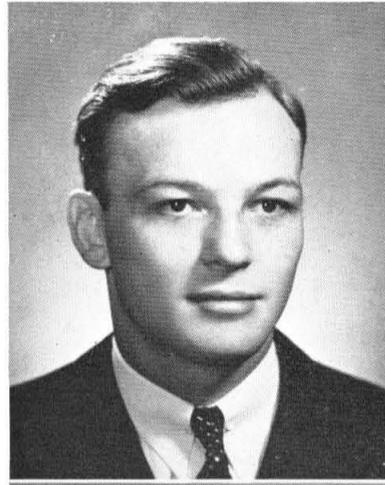
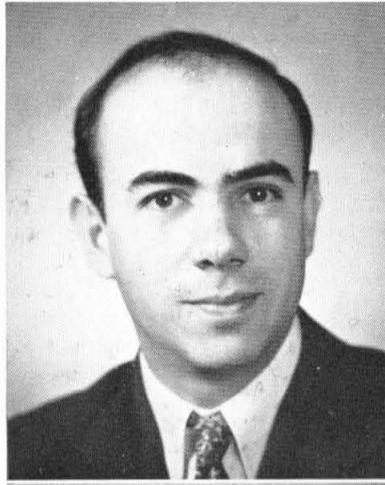
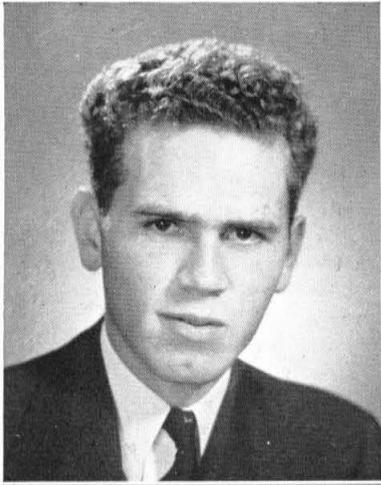
"Spikes" is one of the few biology majors at Tech. Came to Tech in '37 from Redlands. Won numerals in frosh track. Starred in house football, track, and basketball. Athletic manager of Blacker House 1938-39. Plays in the orchestra. Plays around with photography in spare time.

C. B. STADUM

"Stinky" is one of Ricketts' most socially minded seniors. Is always present at dances and is full of ideas. Was secretary-treasurer of AIEE. Claims Sioux Falls, South Dakota, as his home. Spends snaking time on electrical engineering.



C L A S S



WILTON A. STEWART

One of the athletically minded boys of Dabney, despite his small size. President of the Ski Club. Represented his house in skiing, football, track, wrestling, and softball. Member of the Drama Club. Came from Point Loma to study mechanical engineering.

ROBERT FRANKLIN STRICKLER

Studied aeronautics after transferring from P.J.C. as a sophomore. Learned to fly under the Civilian Pilot Training. His main interest is aviation and meteorology. Member of Tau Beta Pi. Participated in house and varsity baseball. Member of Throop Club for three years.

STANLEY G. STROUD

Despite his quiet and retiring nature, Stan won prominence by making Tau Beta Pi while earning three varsity letters in football. In addition he was the winner of the Wheaton Trophy. Vice-president of Fleming. Member of the Beavers. Vice-president of Tau Beta Pi. Honor key.

C. VICTOR STURDEVANT III

Champion of the swimmers, Vic was the driving force which brought the value of water sports before the student body. Captain of the frosh and of the conference championship swimming team. Majored in aeronautics. Member of Throop Club, ASME.

FREDERICK THEILE

Fred entered Tech in 1937 from Hollywood High. Was sophomore and junior football manager. Member of the Caltech ski team, and of the Ski Club. Likes to sail, and writes for a hobby.

DELBERT D. THOMAS

Del, a Riverside man, surprised his friends by marrying last February. He is a chemist and a member of the Chem Club. Interested in taking pictorial camera shots. Can always be seen at Throop Club social affairs. Enjoys a good game of bridge.

JOSEPH WARREN TRINDLE

A physics major who made a hobby of radio. Member of the Drama Club. Belongs to Throop Club. Was a member of the orchestra, glee club, and band for two years. Acted as frosh baseball manager. Played softball on the house team. Entered Tech from far off China.

C. A. TRUESDELL

"Cliff's" major interest outside of his studies has been debating. Entered national tournament at Knoxville, Tennessee. Won frosh numerals in football and played scrub football. Formerly attended Oxford University. Makes innumerable grade points. Commentator at Musicale. Junior is a married man.

G R A D U A T E S



RICHARD VAUGHAN

Skiing and women are handsome Dick's major interests. Still finds time for varsity track and house athletics. Earned three varsity letters. Secretary of the senior class. Reporter for the California Tech. Varsity Club member. Like most skiers comes from Dabney. Majored in civil engineering.

EBENEZER VEY

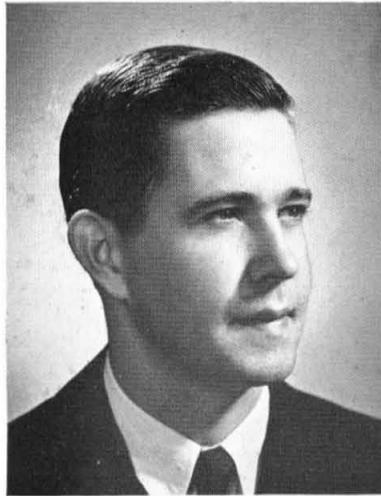
Came to sunny California from Newfoundland to become a civil engineer. Ran on the house cross country team and played one year of scrub football. Was a member of Throop Club for four years. Member of the ASCE.

EDMUND FORREST TYLER

Ed is one of those Math majors, rare as hen's teeth on the campus. Entered Tech in 1937. Member of Dabney House. Calls Hollywood his home. Known about Dabney for his droll humor.

ONICK VARTIKIAN

Onick, one of the original rowdies of Ricketts House, as tough as his beard indicates, entered Tech in '37 from Fresno. Played frosh football and one year of varsity. Plans to be an aeronaut.



NORMAN F. SVENDSEN

Norm entered Tech from the University of Chicago in '38. Member of the Varsity Club and of Tau Beta Pi. Won two varsity letters at tennis. Played interhouse football and tennis for Fleming. Intends to be an aeronautical engineer.

DALE EDWARD TURNER

Known by his fellow Fleming men as "Dapper Dale." Came from Kingsburg to study geology. A terror of the house football team for three seasons, frosh and varsity tennis. House athletic manager. His main diversions are hunting and dancing.



WILLIAM J. WAGNER

Although he lived in Los Angeles, Bill was very active in Throop Club affairs. Manager of both basketball and baseball for three years. Lounge chairman and librarian of Throop. Member of the AIEE. A star pupil of the dancing class.

CLYDE WAHRHAFTIG

Known to his friends as "Adolph." Member of Tau Beta Pi. Corresponding secretary of the Tau Beta Pi and secretary of Fleming. Two varsity letters in track and in cross country. Member of Beavers. Program chairman of the Musicale. A Fresno boy who majored in geology.



EDWIN PRESCOTT WALD

Hailing from Alhambra High School in 1936, Ed entered Tech to become a civil engineer. An off-campus man, Ed heaves the shot a little just to get exercise. Known about the campus as quite an intellect—at least among the CE's.

ROGER WALLACE

Roger entered Tech in '37 to become a physicist. Joined Dabney House, whence he became interested in the ski club. Member Tau Beta Pi. His home is in Oak Park, Illinois.

S E N I O R S



CARL ARTHUR CARLSON

Transferred from Chaffey J. C. to study civil engineering. Member of ASCE, president in his senior year. Obtains enjoyment and somewhat dubious relaxation in riding his bicycle to distant places. Member of Dabney House.

JOSEPH WEISS

Joe's hobby is radio. Worked in general library evenings; was a residential member of Blacker House. Competed in house track, basketball and tennis. Exhibit day chairman of high-volts. Expects to become an electrical engineer. Member of AIEE.

JOHN R. WHITE

Jack came to Tech from Los Angeles to become an aeronautical engineer. President of Tau Beta Pi. Has been secretary of the Interhouse Committee for the past year. Social chairman of Fleming House, and a member of the Board of Control. Greatly enjoys a week-end of skiing.

THOMAS L. WHITE

Another senior from Los Angeles. A member of Throop Club. Aims to be an aeronautical engineer, and already is a private pilot. Belongs to ASME. Besides aeronautics, his interests and hobbies are dominated by pistol shooting and hiking.

LAWRENCE C. WIDDOES

"Duck" is the joker of the class. A mainstay of the varsity eleven for three years—"iron man" this year. Awarded three honor keys. Business manager of the 1940 Big T. Fleming's entertainment chairman for two years, secretary-treasurer of Varsity Club, treasurer of Press Club, member of the Beavers. An applied chemist from Sebastopol, California.

LINDLEY S. WILSON

One of the rare math majors. Hails from Long Beach. Entered Tech in 1937 from Long Beach J. C. Member of Blacker House. Mainstay of the house handball team. Known about Blacker as a good man.

DAVID S. WOOD

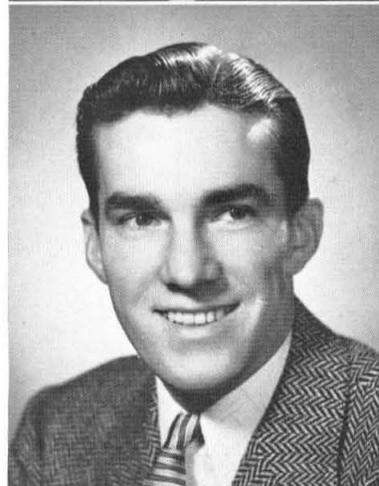
Dave is especially interested in hiking in the high Sierras. A member of Throop Club, Tau Beta Pi. Represented the club in tennis and football. Mechanical engineering is his major. He is a member of the ASME. Came to Tech as a frosh from P.J.C.

CECIL G. YOUNG

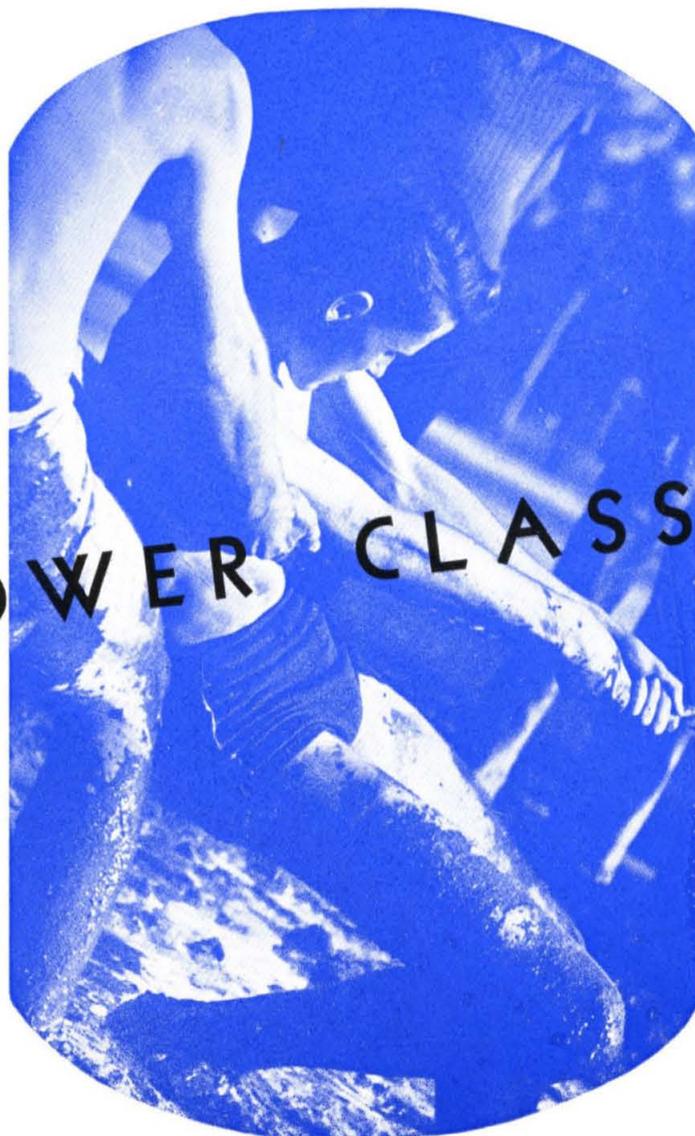
"Cece" is one of those fellows who had to work his way through school. Member of Throop Club and never misses a dance. Enjoys the great outdoors and spends much of his spare time hunting and fishing. Member of AIEE.

KEIRN ZEBB

Keirn is a member of Throop Club from Denver, Colorado. He entered Tech in 1937. Ran cross country for Throop for four years. Photography is Keirn's chief hobby. Is an aeronautical engineer.



LOWER CLASSES



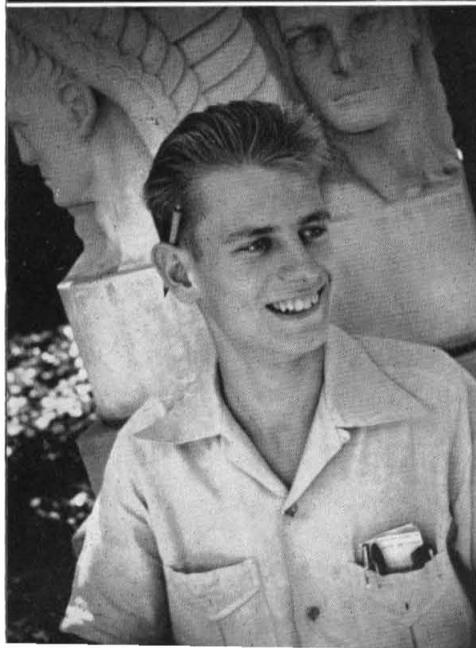
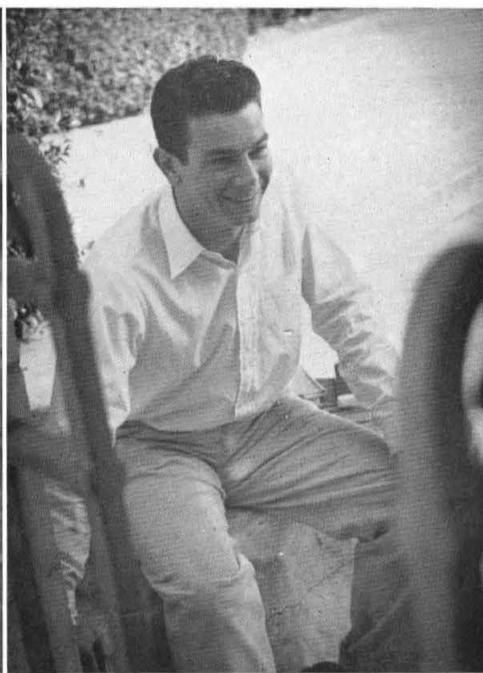
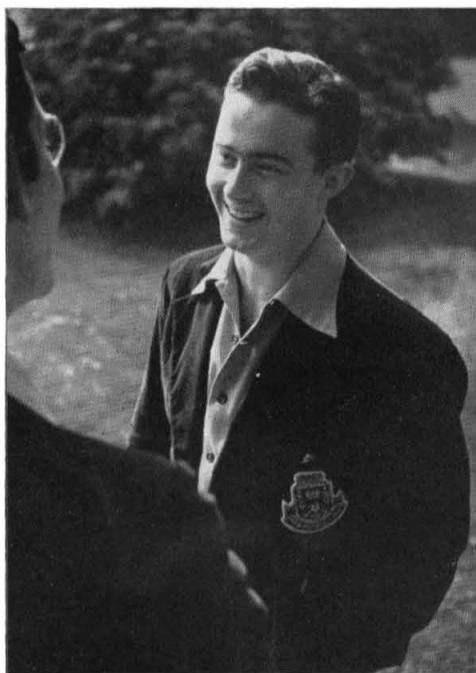
J U N I O R S

The class put on probably the most successful Rodeo in school history, from the standpoint of planning and competition. Under the auspices of Harrison Price and the junior executive committee some long needed changes were pushed through which not only tremendously improved our Rodeo, but will have a profound effect on future Rodeos.

The Junior-Senior Prom, and the Junior-Senior Garden Party were completely successful, and unusually well attended.

The mighty junior trackmen had no difficulty at all in winning the Interclass track meet by a crushing score.

Officers of the year were: Bill Hicks, president; Warren Proctor, vice-president; LeRoy Weller, treasurer; and Bob Densmore, secretary.



UPPER: William B. Hicks, President. Warren Proctor, Vice-President.

LOWER: Bob Densmore, Secretary. Roy Weller, Treasurer.



Jack Anderson, President. Webster Beckstead, Vice-President.

Starting the year by showing the frosh that the Rodeo is strictly the sophomores' event, no matter what the rules, the class of '43 maintained prominence in sports, school politics, social affairs, and scholarship.

The genius behind the successful soph dance at Riviera Country Club with Muzzy Marcelino's band was Everett Macartney. Officers were Jack Anderson, president; Beckstead, vice-president; Ed Fleisher, treasurer; Steinle, secretary; and Strickland, Bishop, and Bill Fair, Board of Control representatives.

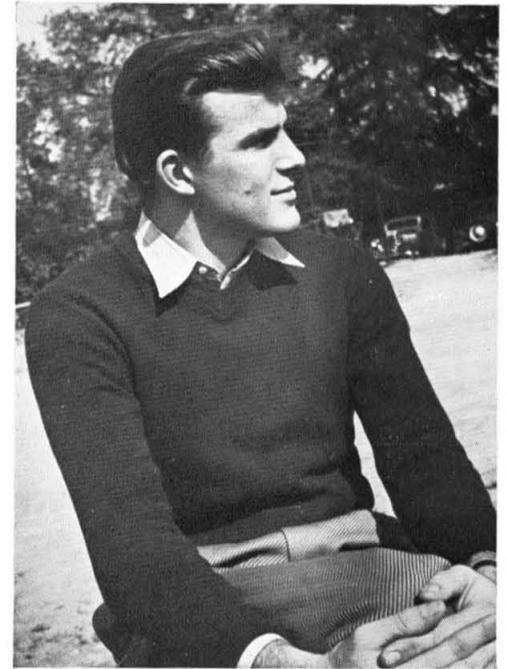


Sheldon Steinle, Secretary, Edward Fleischer, Treas.

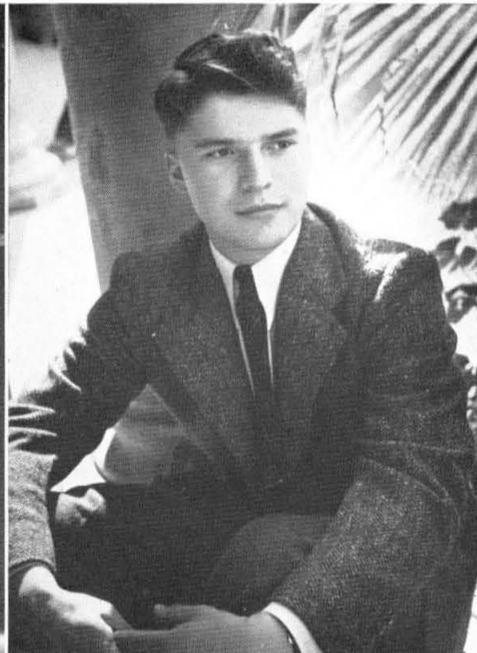
S O P H O M O R E S

F R O S H

Tway Andrews, President



A full and auspicious year ushered in the Class of '44 whose beginnings prophesy signal achievements. Already they have claimed recognition with one of the best freshman dances in school history and a Rodeo Day effort that nearly beat the invincible sophomores. The Y. M. C. A. Frosh Camp and sophomore-organized Tea Dance introduced the class to Tech institutions, traditions, and society. Since then they have augmented high scholarship and lively participation in student activities by a fine athletic record. Freshman water polo and cross-country teams made almost perfect marks. The basketball and track teams had good seasons. This class furnished the backbone of the school band; their debate team was active; and the California Tech staff contained many freshmen. A large number of proved and potential leaders in athletics, scholarship, and student government should surely guide this strong class in honor and service to Tech.



Tom Fleming, Vice-President

Holt Ashley, Secretary

Willis Bussard, Treasurer

B O O K T H R E E

TELEPHONE • TELEVISION

RADIO • CABLE

* *activities*

HOW

SION

API





STANDING: Bill Chapin, Vice President; Boyd Marshall, Rally Committee Chairman; John Rubel, Publicity Manager. SEATED: George Reimers, Athletic Manager; George Bramhall, Treasurer; Bob Myers, President; Warren Gillette, First Representative; Everett Macartney, Second Representative; Art Schneider, Secretary.



President and vice president chatting in olive garden.

With able president Bob Myers at the helm, the Board of Directors completed a distinguished year of service. As always, the Board proved an untiring supporter of Tech athletics. The greatest accomplishments during the year were the airing of the major vs. minor, and intramural vs. intercollegiate athletic questions, a complete and accurate compilation of the By Laws, and the filing of systemized reports on all activities.

E X E C U T I V E

J U D I C I A L



ABOVE: Next year's vice president, Warren Gillette, accepts congratulations after election from retiring vice president, Bill Chapin. RIGHT: Henry Roesse, Warren Gillette, Tway Andrews, Art Schneider, Amasa Bishop, Charles Strickland, Wayne MacRostie, Bill Chapin, Chairman; Bill Corcoran, Glen Billman.



Officers for the year were: Bob Myers, president; Bill Chapin, vice president; George Bramhall, treasurer; Art Schneider, secretary; George Reimers, athletic manager; John Rubel, publicity manager; Boyd Marshall, rally committee chairman; Warren Gillette, first representative; and Everett Macartney, second representative. A special election was held to replace Syd Gold, the former rally committee chairman, who resigned.

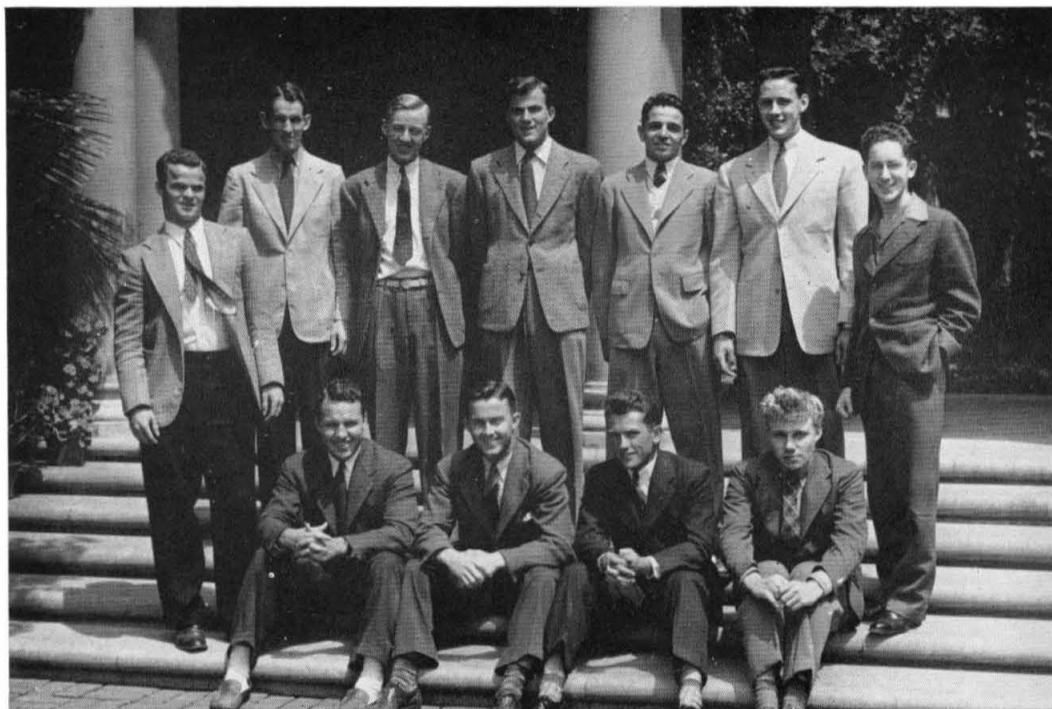
By maintaining weekly conferences every Tuesday evening, the Board kept close and efficient supervision of regular student body activities. At the conclusion of the year, a budget was completed for next year's expenditures. Although few students are aware of the fact, the Associated Student Body is incorporated and hence meetings have been open to anyone who wished to attend.

NEW OFFICERS

Amid ballyhoo and cigar throwing, student body elections went off very much as usual. This year saw fewer close votes than usual, the race for the presidency being the closest. Bill Hicks defeated John Rubel by a mere two votes. The offices of vice-president, treasurer, and publicity manager went without opposition to Warren Gillette, Wayne MacRostie, and Roy Weller, respectively. Surprise of the election was William Julius "Hairless Joe" Russell, who, nominated for yell leader by Johnny Miles as a joke, proceeded to win by a substantial majority. Other new officers are: Amasa Bishop, secretary; Stew Davis, rally committee chairman; Everett Macartney, athletic manager; Chuck Strickland, first representative; Tway Andrews, second representative; Bill Turner, editor of The California Tech.

Beginning his duties with the opening of third term, representative Strickland completed plans for the A. S. B. formal, held this year at Flintridge Country Club with dancing to the music of Lyle Smith. Vice-President Warren Gillette compiled the list of Honor Key recipients during the first weeks of April.

Bill Turner began his second term of California Tech editor with a drastic reorganization much more complete than ever before attempted. For the first time in the history of the paper, all material was copy read, all heads were written, and all page dummies were designed before going to the print shop Wednesday afternoons. In fact, Turner seldom found need for visiting the print shop himself.



SEATED: Macartney, Hicks, MacRostie, Russell.
STANDING: Gillette, Davis, Strickland, Andrews,
Bishop, Weller, Turner.



Holding weekly meetings to discuss and decide matters important to inter-house activities and policies, the Inter-house Committee, composed of the presidents and vice presidents of the four houses and Throop Club, formed the backbone of student relations. These men were: Bob Bowles, chairman, Stan Stroud, E. La Bombard, W. MacRostie, F. Greenhalgh, B. Hicks, G. Lakos, D. Hill, F. Casserly, and P. Brooks.



Bigger and better than ever, the Exhibit Day included public admission to the student houses for the first time this year. Also new was a half hour CBS coast-to-coast broadcast. Its success came largely through the hard work of Chairman "Yehudi" Stan Sohler.



The publicity committee is charged with the task of securing adequate and effective publicity for all student body functions. This past year's committee, operating under the new type of organization instituted at the beginning of the year, has done a very excellent job under the guidance of John Rubel. Glyn Frank-Jones, assistant publicity manager, was also responsible for much of the committee's success.

Bowles, Chairman; MacRostie, La Bombard, Lakos, Hill, Hicks, White, secretary; Brooks, Greenhalgh, Stroud, Casserly.

FIRST ROW: Kingsmill, Miles, Sohler, Chairman; Anderson, Cohn, Clark. SECOND ROW: Dawson, Widdoes, Hunt, Cooper, Cannon, Bell. THIRD ROW: Lewis, Albrecht, Wahrhaftig, Carlson, Andrews, Wood. STANDING: Hedstrom, Lawrence, Landau, Schauer, Rubel, Paul.

ABOVE: Bewley, Fair, Hunt. BELOW: Weller, Rubel, Manager; Frank-Jones.

C O M M I T T E E S

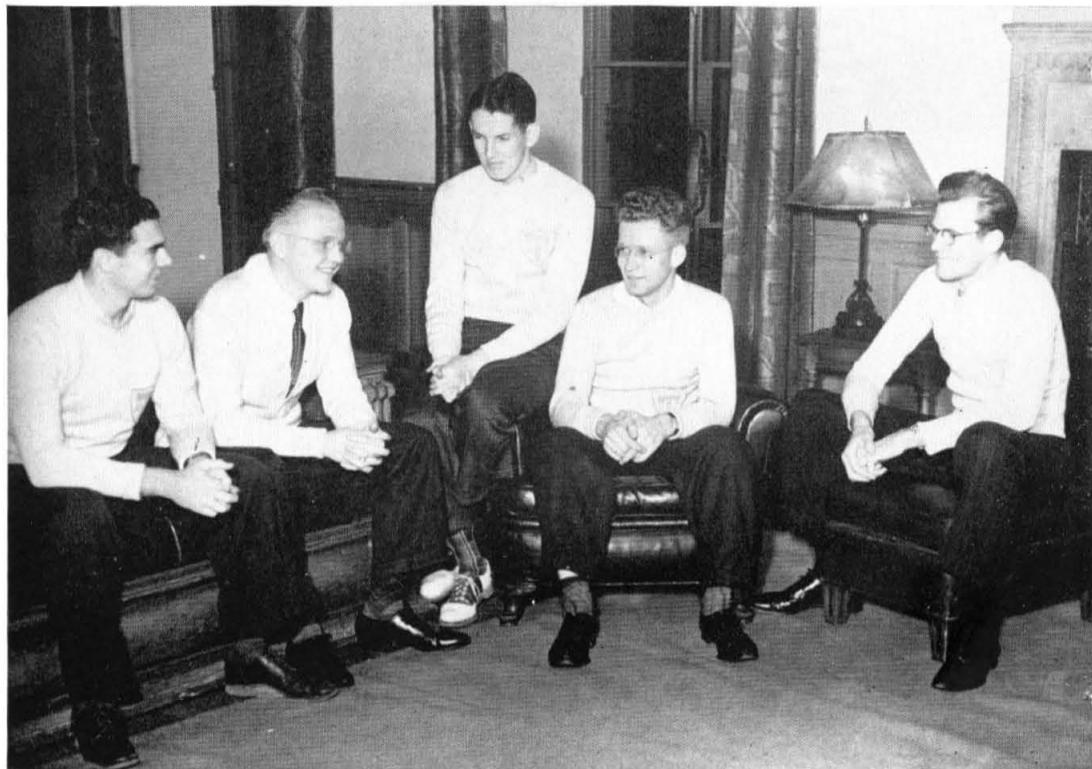
ELECTION AND

FIRST ROW: Harr, Chairman; Willitts, Macartney, Lewis, Jones, Chapin, Gillette, Billman. SECOND ROW: Davis, Widdoes, Miller, Corcoran.

Several times throughout the year student government has depended upon the small, efficient, and unheralded group of men who constitute the election committee. Under the chairmanship of George Harr the committee accurately tabulated such close political races as that for A. S. B. president, which went to Bill Hicks by two votes.



This year's Pajamarino, the most important activity of the Rally Committee, featured the largest bonfire ever, and renewed the traditional rivalry between Tech and Oxy in a spectacular manner. A series of well attended football rallies, and several entertainments were also included in the activities carried on by the Rally Committee under the leadership of Boyd Marshall.



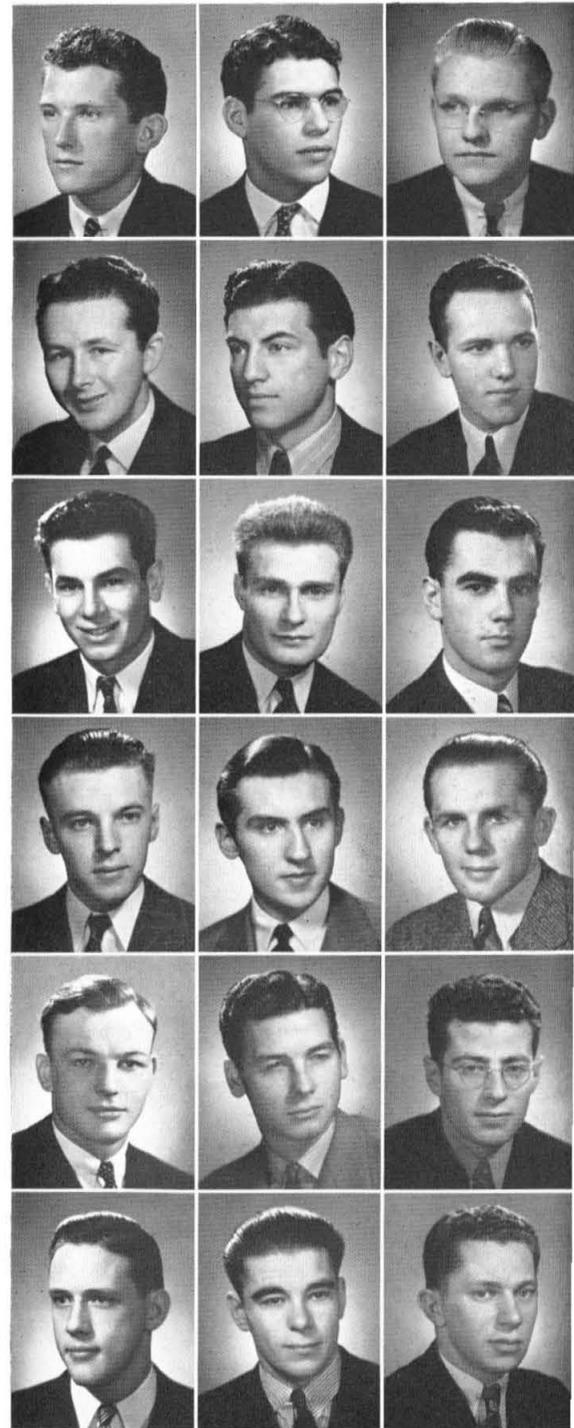
Bashor, Marshall, Chairman; Davis, Jones, Hedstrom.

RALLY COMMITTEES

H O N O R K E Y

The Honor Key represents the highest award made by the Associated Students in recognition of outstanding service to the student body. Men so honored have earned a minimum of thirty "honor points" during the year by participation in specific extra-curricular activities recognized by the student body. The right to wear an honor key represents an inspiration to many freshmen and upperclassmen alike; and stands as a fitting recognition for extensive contribution to student body life at Cal Tech.

FIRST ROW: MacRostie, McClain, Marshall. SECOND ROW: Miles, Miller, Myers. THIRD ROW: Proctor, Reimers, Rubel. FOURTH ROW: Rupert, Schneider, Sohler. FIFTH ROW: Stroud, Vaughan, Wahrhaftig. SIXTH ROW: Weller, Widdoes, Willitts.



FIRST ROW: Albrecht, Billman, Bowles. SECOND ROW: Bramhall, Buss, Chapin. THIRD ROW: Cooper, Corcoran, Densmore. FOURTH ROW: Fair, Gillette, Halpenny. FIFTH ROW: Harr, Hunt, Jones. SIXTH ROW: Lewis, Macartney, McDougall.

LEFT SEATED: Willitts, Sports Editor; Hunt, Managing Editor; Young, Proof Reader; Marshall, Assistant Editor; Miles, Editor. STANDING: Harbottle; MacRostie, News Editor; Rupert, Editor; Richardson; Goldsmith, Proof Editor. BELOW: New Editor Bill Turner considers revision in style with his assistant, Ed Goldsmith.



Elected at the end of second term, Bill Turner has been efficiently editing The California Tech during the last three months. With Ed Goldsmith as news editor and a large staff including many of Miles' former reporters, he is working toward the All-American rating he earned as co-editor two years ago.



This year the editorship of the weekly newspaper, The California Tech, was held jointly by John Miles and Stan Rupert. The partnership functioned smoothly during the first term to produce an interesting and informative paper. However, lack of time forced Stan's resignation in January, and John assumed the full duties of editor, successfully seeing the paper through the last two months of office.

The office of business manager was held by Art Blight until he left school in December. Bob Frost was elected to fill the vacancy.

C A L I F O R N I A

T E C H



Most of the success of the Tech during the past year was due to a loyal and efficient staff of assistants. Boyd Marshall faithfully filled the position of assistant editor. Carter Hunt made an able managing editor, assisted by an efficient print shop crew composed of Proof Editor Jim Young, Alex Holser, Ed Goldsmith, and Dwight Buettell. Dependable News Editor Wayne MacRostie saw to the assigning and collecting of news stories. The sports page flourished first under the editorship of Jack Anderson, but later Ralph Willits took over the position when Jack left school. Dix Gilman and Pete Rawn handled the vital but thankless job of copy editors. Circulation was under the direction of John McClain.

John Miles,
Editor



Stan Rupert,
Editor



Art Blight,
Business Manager

Again this year Professor MacMinn conducted the journalism class where his friendly advice and criticism were invaluable in producing a better Tech.

SEATED: Bob Bowles, Business Manager; Herman Miller, Sports Editor; Chuck McDougall, Editor; Bob Densmore, Editor. STANDING: Jerry Jones, Assistant Editor; Bob Gustavson, Photographer; Bill Chapin, Senior Division Editor; Carter Hunt, Assistant Editor.



Densmore and McDougall checking copy in 57 Ricketts, where most of The Big T was written, proofed, and mounted.



Charged with the preparation of a graphic record of a memorable year at Tech, the 1941 Big T staff has endeavored to make this book an outstanding one. In the many pages devoted to the various organizations, houses, and sports, the staff has attempted to represent the activities of those students of today who will become so important as technical leaders of tomorrow.

The editorial responsibility of the book was vested in Bob Densmore and Charles McDougall, who were elected by the Associated Student Body last spring. Bob Bowles, president of Fleming House, was chosen Business Manager at the same time.

T H E B I G T

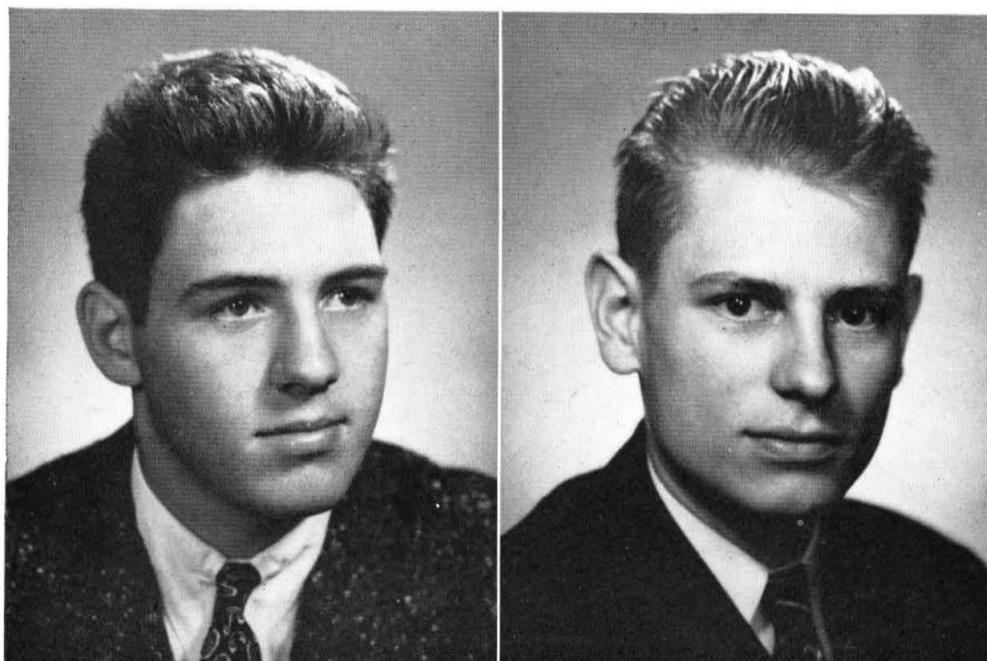
Again this year, Midori's distinctive photography was employed in portraits, theme pictures, and architectural shots. Bob Gustavson, experienced sophomore photographer, furnished the balance of action and group pictures. Ray Brennan of L. A. Engraving was responsible for the colorful division sketches.

Assistant Editor Carter Hunt performed a two man job as editor of activities and proof reader. Jerry Jones, also assistant editor, volunteered numerous hours to work out plans and check many items. The accuracy of the captions is a result of long hours on the part of Clyde Wahrhaftig. The arduous task of summarizing sport events was successfully managed by Herman Miller, sports editor.

Student Body Vice-President Bill Chapin edited the senior division along with Jerry Jones and "Duck" Widdoes. The faculty section was written by John Miles and Glen Frank-Jones. Alex Holser and Holt Ashley stood by at the last minute to read proof.

Sincere thanks goes to Homer Trueblood of L. A. Engraving for his help along the way and for pushing the last cuts through on time. The entire print shop crew at Murray & Gee, including Charlie Mueller, Ray Gobel and Mr. Gee, deserve recognition for their friendly, efficient service, enabling the editors to make the deadline with last minute copy.

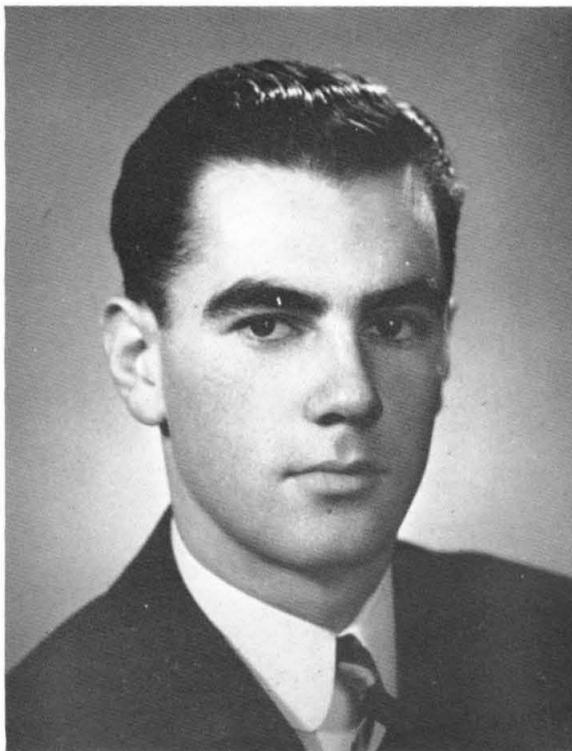
Finally, appreciation is extended to the Associated Student Body for their cooperation; and it is the hope of the entire staff that this book justifies their confidence.



LEFT: Charles McDougall and Bob Densmore, Editors. ABOVE: Bob Bowles, Business Manager.

John Rubel

John Miles



Serving as a complete student directory, a summary of all athletics and organizations on the campus, and a complete buyer's guide, the little T has achieved the perennial title of campus "bible."

Ever improving, the 1940-41 edition introduced the inclusion of the A.S.B. by-laws and the mailing of the book to all freshmen early in September, thus presenting the yearlings with a preview of their future Alma Mater.

Editors of this year's book were John Rubel, student body Publicity Manager, and John Miles, Editor of the California Tech. Appointed in the third term by the Board of Directors, these two juniors worked together throughout the summer to produce the handsome orange and white Little T.

T H E L I T T L E T

A. I. E. E.

Realizing that a first hand knowledge of actual engineering practice is essential to an integrated engineering education, the Caltech branch of the American Institute of Electrical Engineers spent considerable time upon inspection trips to nearby industrial plants and engineering projects.

Fifty members visited the sound engineering and recording department of Paramount Studios. Twenty spent two days at Boulder Dam over Christmas vacation. The Boulder Dam substation and receiving station near San Fernando was also inspected. Other excursions went to the Municipal Power and Light Company in Pasadena, the Columbia Recording Corporation (where a strike was in progress), the Edison Company of South Pasadena (location of transformer repair shops), and the Telephone Company in Altadena.

At the regular meetings students had an opportunity to discuss professional problems and hear reports by engineering authorities on matters of current interest. Speakers included Mr. H. H. Cox of the Bureau of Power and Light, Dr. Fowler, and Dr. R. W. Sorensen, president of the A. I. E. E. this last year. The annual banquet with S. C. was held at the Trojan campus for the second successive year so as to publicize their new engineering building. Dawson and Stadum, and Kingsmill read papers.

Dr. F. W. Maxstadt prepared and organized the year's active program along with the officers, Robert Kingsmill, president; Bill Deniston, vice-president; and C. B. Stadum, treasurer.



FIRST ROW: Paul, Jerrems, Rubel, Paulson, Kingsmill, Dawson. SECOND ROW: Cohn, Stadum, Maninger, Abbey, Deniston, Strader, Casserly, Frank-Jones. THIRD ROW: Partlow, Young, Gally, Strader, Fredrick. FOURTH ROW: Weiss, Bersbach, Wagner, Morgan, Schauer, Brown, Turner. FIFTH ROW: Gillings, Jones, Stroud, Proctor, Albrecht, Mitchell, Veronda, Dr. Maxstadt, Dr. Lindvall.

FIRST ROW: Wald, Carlson, Franzini, Price, Roese. SECOND ROW: Silberstein, Jephcott, Curtis, Lutz. THIRD ROW: Prof. Thomas, Larson, Lind, Gayer. TOP ROW: Vey, Vaughan, Prof. Martel, Atkinson, Allen, Schureman.

ASCE President Carlson and Professor Thomas in the civil engineering lab.



Time marches on! And so do the civil engineers at Caltech. Small, but well-knitted was the group this year that was provided with excellent opportunities of having closeups of the practicing engineer and modern engineering practices.

Again fortunate in having the close cooperation of Mr. Harry Dennis of the Southern California Edison Company and Professor Thomas, the A.S.C.E. student chapter at Caltech has broadened its scope by means of harmonious association with the Los Angeles Chapter of the A.S.C.E. as well as the various field trips and lectures that took place throughout the year. At the monthly meetings of the Los Angeles Chapter, students were afforded, among other advantages, the privilege of meeting various distinguished members.

The officers of the year for this student chapter were Carl Carlson, president; Richard Silberstein, vice-president; Philip Lutz, secretary; and George Lind, treasurer.

A. S. C. E.

A. S. M. E.

Carrying out a well balanced program, the Caltech chapter of the ASME had one of its most successful years. Again the activities of the Society were under the sponsorship of Honorary Chairman Robert Daugherty.

The club went on many field trips to places of interest to mechanical engineers. The group saw new freighters for national defense in the process of construction, Professor Lindval's revolutionary pendulum type railway car, and the making of soap from A to Z. Also visited were the American Can Company, and Welding Fabrication Works.

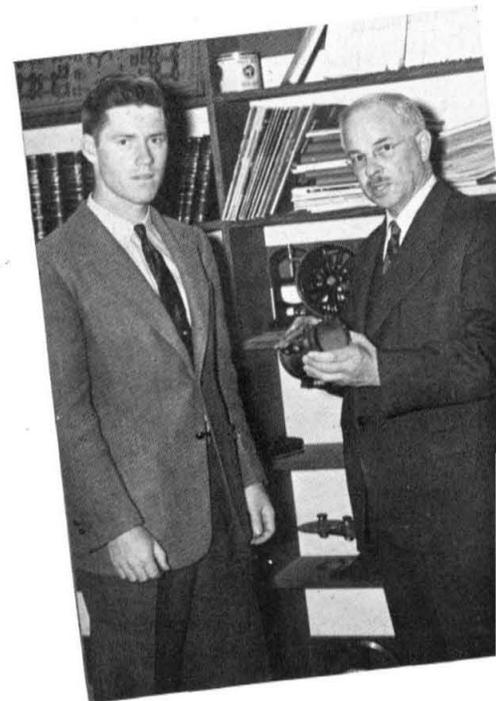
Mr. Hedrick of the Glendale steam plant, and Mr. Knight, a patent attorney, addressed the club last year at the group's regular meetings. The Caltech ASME was host of the annual meeting of the student branches of the southwest group April 4 and 5.

In a dual paper exchange with S. C., the Caltech chapter came out on top, paced by Don Campbell's winning paper on "New Methods of Tension Impact Testing".

Officers for the first half year: Newell Partch, Gordon Woods, and Jack Alford. For the second half of the year: Gordon Woods, John McClain, and Stu Davis.



LEFT, FIRST ROW: Moore, Hoagland, Alford, Woods, McClain, S. Davis, Partch, Schubert, Kennedy. SECOND ROW: Greenhalgh, Allen, Stewart, Ewald, Acker, Sutton, Price, Blaney, Piatt. THIRD ROW: Wood, Bergh, Weller, Smith, Bragg, Francis, Brown, Shonerd, W. Davis, Lewis, Zebb, Reimers, Landau. FOURTH ROW: McWethy, Carr, Dall, Giacomazzi, Edwards, Bramhall, Myers, Hiatt, McKibben.



ABOVE: Newell Partch, President, and Professor Daugherty, sponsor of the society, are interrupted in the faculty member's study.

V A R S I T Y C L U B

Brought into action by the question of whether or not intercollegiate football should be continued at Tech and whether or not the major and minor sport distinction should be altered, the Varsity Club has been of great service in publicizing and discussing the problems involved. Toward the end of the year, the club recommended changes in the athletic situation, the most important of which was lessening the distinction between major and minor awards.

Composed of those men who are interested in the welfare of Tech athletics, the club has secured its membership from athletes who have earned one major or two minor sport awards. The newly elected pledge faced a week of torment at the hands of the old members. He was forced to carry a small fireplug replica of his own construction wherever he goes, wait hand and foot upon the old members, refrain from smiling, and avoid the company of his fellow initiates. However, the week ended with an afternoon of initiates-versus-members competition at Oak Grove Park.

Officers this year were: Stanley Sohler, president; Walter Davis, vice-president; Stanley Stroud, secretary-treasurer.

FIRST ROW: Roese, Gillette, Drake, Merrick, Sturdevant, Snodgrass, D. Head, Sohler, Skalecky, Callaway, Cooper, Davis, Bowles, Densmore. SECOND ROW: Billman, Lind, Small, Wahrhaftig, Hayes, Partch, Svendsen, Eusey. STANDING: Rupert, Widdoes, Elliott, Schureman, Schneider, Stroud, Fisher, Corcoran.





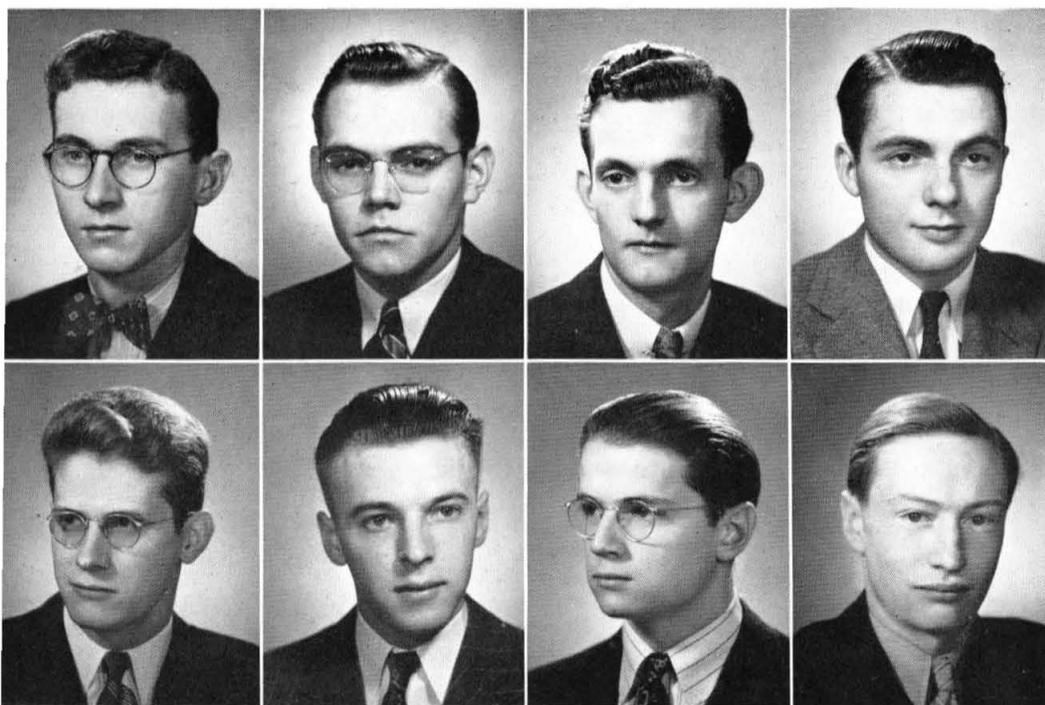
BOTTOM ROW: Densmore, Abraham, McDougall, Macariney, Brockman, Lakos, Schneider, Gillette, White, Casserly, Dawson, S. Davis. SECOND ROW: on STEPS: Rupert, Wahrhaftig, Reimers, Strickland. THIRD ROW: Albrecht, Marshall, Stewart, Miles, D. Head, Sohler, Partch, Cooper, Eusey, Bramhall, MacRostie, Greenhalgh, Lewis. STANDING: Proctor, Rubel, Widdoes, Schureman, Elliott, Bowles, Lind, W. Davis, Stroud, Jones, La Bombard, Willitts, Hicks, Bishop, Chapin, Hendrickson.

The Beaver Club, composed of not more than fifty men, constitutes an organization of the leaders in extra-curricular activities on the campus. These men, chosen because of their actively demonstrated interest in the work of the Associated Student Body, represent the only service organization on the campus devoted entirely to the perpetuation and development of the best in college spirit and student government. Election to the Beavers is a high honor; but all members must continue their active support of the Student Body in order to maintain their membership.

During the past year the Beavers have served in many worthwhile capacities; notably, in the sponsorship of the annual Pajamarino bonfire, in a pre-school trip to San Luis Obispo for the opening grid game in the arrangement and direction of send-off rallies, in officiating at cross-country meets, in valuable help on Exhibit Day, and in many other positions of service throughout the school year. In ever seeking the improvement of student life, the Beavers represent a strong and worthwhile force on the campus.

Officers this year were Joe Lewis, president; Bill Chapin, vice president; and Bill Hicks, secretary-treasurer.

B E A V E R S



D R

UPPER: Alford, Buss, Farrington, Fleck. BELOW: Johnson, Rupert, Sherwin, Trindle.

The second term production of "Curculio" by the Caltech Drama Club was received by large audiences with much enthusiasm together with a hearty appreciation of the hilarious scenes. Under the able direction of Drs. Eagleson and Stanton, "Curculio" was developed into a smashing hit comedy which featured all the well known Tech annotations.

An exceptionally well-chosen cast inspired this play to success by their hard work and brilliant performances. Curculio, the crafty and scheming freed-man was played by Frank Fleck; Phaedromus, dashing and irrepressible lover, by Myron Pollycove; Planesium, beautiful captive heroine, by Paul Farrington; Therapontigonus Platagidorous, pompous and blustering captain, by Dick Riddell; the Procureess, a tipsy martyr to Baccus, by Edwin Johnson; Palinurus, servant and apple-polisher, by Fred Tenney; Lyco, the unscrupulous banker, by Wilton Stewart; Cappadox, the villainous crony of Lyco, by Clifford Truesdell; and the droll, lethargic cook, by Jack Poindexter.

Tenney seeks refuge from Poindexter and Riddell in the temple.

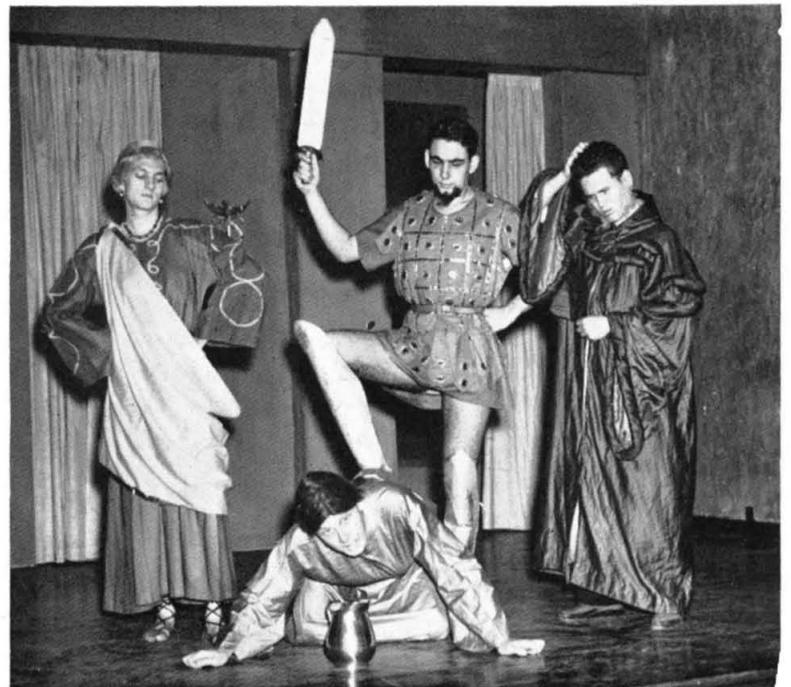


A M A T I C S



Riddell and Pollycove wrest gold from procurer Truesdell.

Blustering captain Riddell and banker Stewart ponder over punishment of procuress Johnson, who liberates beautiful Farrington.



The annual banquet, farewell of the year, was enjoyed again at a Bit of Sweden amid much merriment and speech-making. Occupying the seats of honor were Dr. and Mrs. Laing, upon whose cooperation ultimate success of the production depended.

Officers of the club for this year were Dwain Bowen, president; Paul Farrington, vice-president; and Stanley Rupert, secretary-treasurer.

FIRST ROW: Marshall, Grossberg. MIDDLE: Grote, Jones, Young, Truesdell, Buss. STANDING: Buettell, Rubel.

A larger, more active participation marked this year's debate program. Six teams were active throughout the year. Most members of the teams also participated in other forms of speaking, particularly in extemporaneous speaking and impromptu speech contests. The question debated was the advisability of a western hemisphere union for defense.



Three tournaments were entered during the season. The first, at Pepperdine College, was successful as a season warmer. All six teams engaged and most of them made a better than average showing. The second tournament, at Los Angeles City College, gave an opportunity for better contests, since cases were then better developed. The annual Pi Kappa Delta province tournament was held at College of the Pacific in Stockton. This tournament presented the best competition for the teams entering. In addition to the regular tournaments, dual contests with Los Angeles City College, Glendale Junior College, the Los Angeles chapter of the American Institute of Banking, and New Mexico University were held.

Coaching of the Varsity squad was done by Dr. Untereiner. Allan Grossberg served as manager. More active freshman debating was started this year in hope of even greater activity in this field of forensics in the future.

D E B A T E R S

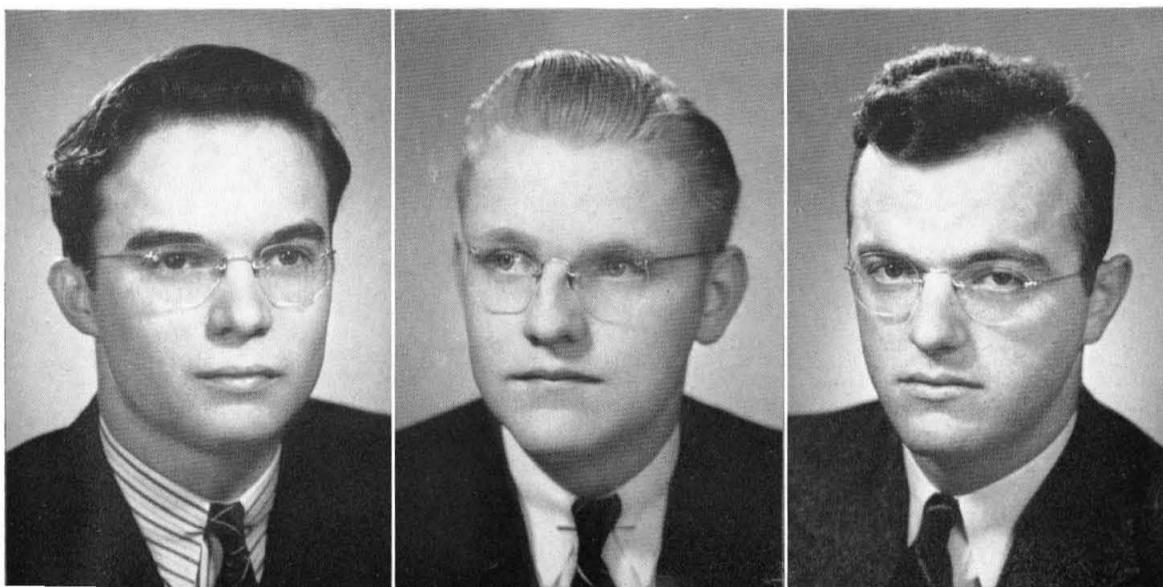
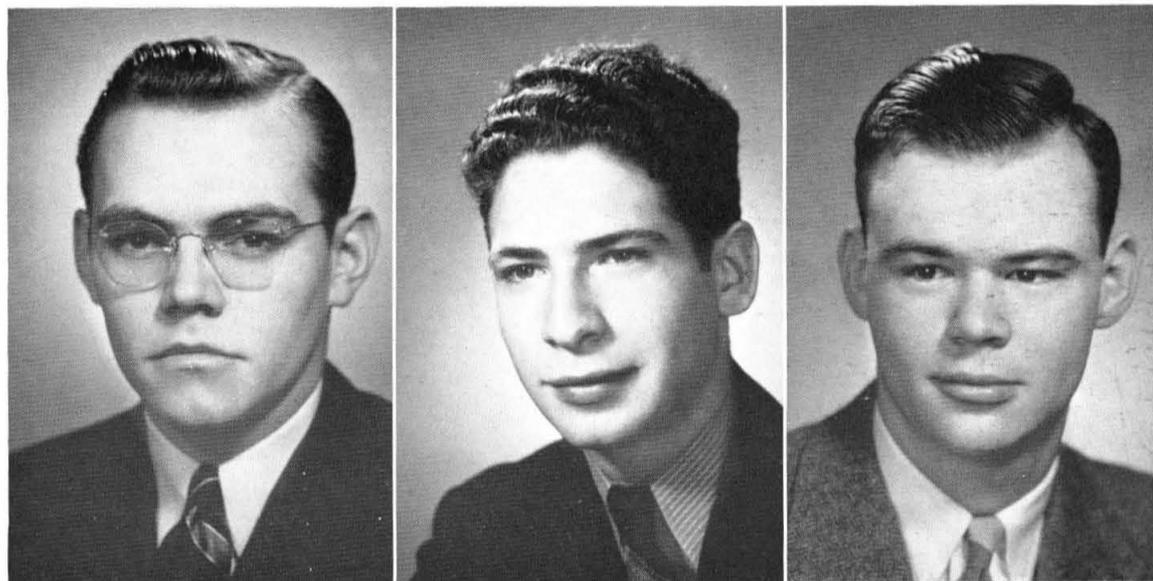
PI KAPPA DELTA

Pi Kappa Delta selects for membership men who have made themselves outstanding in intercollegiate debate, oratory, and extemporaneous speaking. It is represented on the Cal Tech Campus by California Gamma Chapter. The organization fosters activity in the speech arts, preparing men to express themselves freely in business and social life. Working in conjunction with the national organization, California Gamma Chapter has brought Cal Tech into a prominent position in national debating activities.

Each year the chapter sponsors a play, and uses the proceeds from the play to send a debate team to the National PKD Convention. The play this year was "Curculio", by Plautus. The production was a dramatic and financial success.

In the spring of each year the PKD pledges, bedecked in red ribbons, Demosthenes style, appear about the campus. As the culmination of a rigorous initiation period, the men must deliver a soapbox oration in the Plaza in Los Angeles.

Officers for the year were Robert Buss, president; Clifford Truesdell, vice-president; Allan Grossberg, secretary, and David Hill, publicity manager.



ABOVE: Buss, Grossberg, Hayes.
BELOW: Hill, Marshall, Truesdell.

BAND

FAR LEFT: Dodge, Warren, Hall, Bennett. CENTER LEFT: Poolman, Scheck, Giacomazzi, McGee, Freehafer, Spence. CENTER RIGHT: Willitts, Maninger, Brockman, Winter, Odell. FAR RIGHT: Ridland, Curtis, Young, Fleming, Pearson.

The band, as usual, attended all home football games, performed at rallies, the pajamarino, and election activities, and closed the year by giving a Monday assembly and playing at commencement. Band performances were livened up by renditions of school songs, popular song hits and a fanfare from "The Boys From Syracuse."



The band's twenty-five men were under the able direction of Audre L. Stong and were managed by John Brockman. Freshman material made the band much larger than last year.

The orchestra was again under the capable direction of Leon Metcalf. This group of men met once a week to play concert music that had been arranged for small orchestras. John Brockman was student leader for the past year.

LEFT TO RIGHT: Mr. Metcalf, Director; Jeppson, Rhyne, Ayers, Mattinson, Shor, Gardner, Grimaud, Brockman, Scheck.

ORCHESTRA

G L E E C L U B

STANDING: Spencer, Moore, Bartlett, Cox, Jones. SEATED: Osborne, Epstein, Paul, Ewald, Van Amburgh, Bryant, Kennedy, Mr. Metcalf, Director.

This year's Glee Club provided pleasure and relaxation for over twenty men who sang for the enjoyment of singing. Each Monday night the Glee Club met under the able direction of Leon Metcalf, director of the club for the third year. Bill Kennedy served as secretary for the club.



The Caltech Musicales continued its record of achievement at Tech through its fourth year. The Sunday night concert as well as the mid-week Musicales has continued to grow in popularity throughout Tech and Pasadena. A greater number of records than ever before was purchased by the group this year.

Fred Billmeyer led the club as president. Lawrence Smith served as business chairman, and Rolfe La Forge headed the record committee.



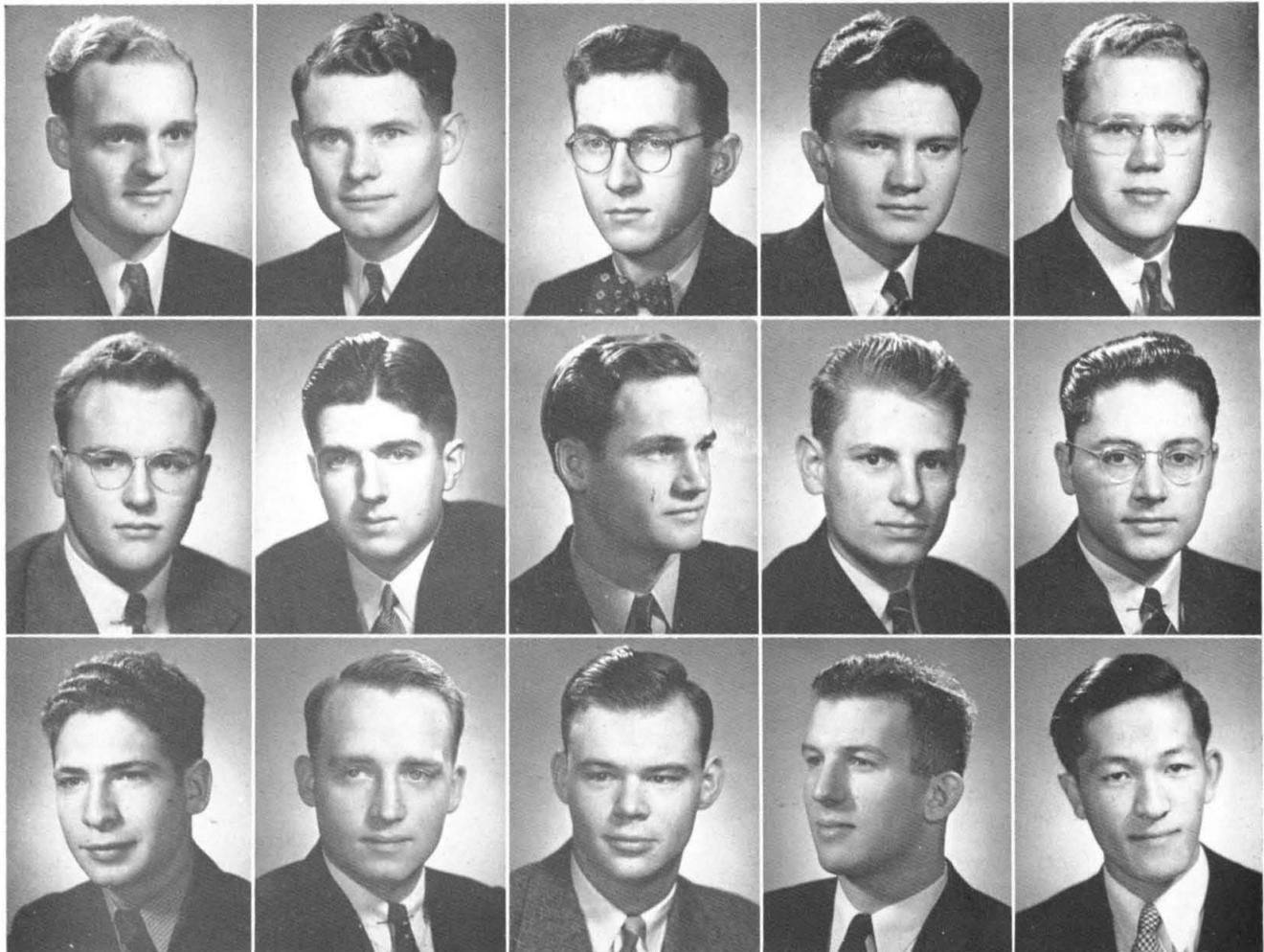
FRONT ROW: Jones, Plosser, J. Richardson, Clark, Billmeyer, Prof. Thomas, Landau, Bergh, Bradley, Preeshl, Klein, Dunn. BEHIND: B. Richardson, Wahrhaftig, Jacobson, Sherwin, Smith, Truesdell, Matkinson, Holser, Cannon, Levitt, La Forge, Moore.

M U S I C A L E

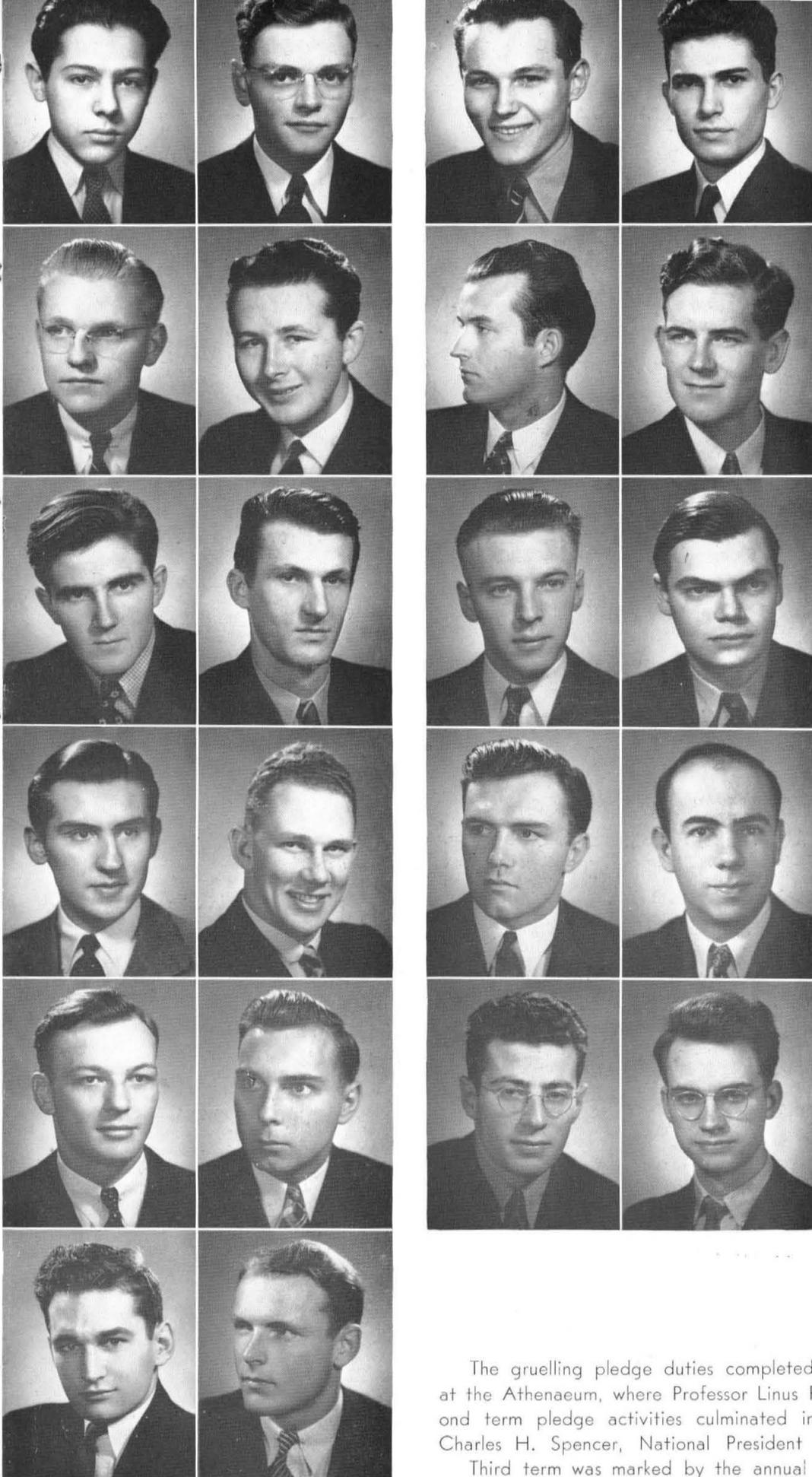
TAU BETA PI

Goal of every student, Tau Beta Pi, national honorary scholastic engineering society, is represented on the Caltech campus by the California Beta Chapter. In keeping with its constitutional purpose, "To mark in a fitting manner those who have conferred honor on their Alma Mater by distinguished scholarship and exemplary character," Tau Beta Pi chooses yearly men from the upper quarter of the senior class and the upper eighth of the junior class who have shown broadened interests in addition to outstanding scholastic records.

A bowling party for the purpose of acquainting the members with prospective pledges started this year's activities. Shortly after this, sixteen seniors and three juniors were dilligently securing autographs of all members on the campus and heartily polishing bronze replicas of the bent of Tau Beta Pi.



TOP: Abraham, Acker, Alford, Billman, Bowles.
 MIDDLE: Brooks, Corcoran, Dailey, Densmore,
 Green. BOTTOM: Grossberg, Harlan, Hayes, Ingersoll, Ikawa.



FIRST ROW: Jacobson, Kennedy, Leighton, Levenson. SECOND ROW: Marshall, Miles, Peters, Partlow. THIRD ROW: Rhyno, Richardson, Rupert, Sabersky.

FOURTH ROW: Schneider, Seibel, Snodgrass, Strickler. FIFTH ROW: Stroud, Svendsen, Wahrhaftig, Wallace. SIXTH ROW: White, Wood.

The gruelling pledge duties completed, members new and old enjoyed a banquet at the Athenaeum, where Professor Linus Pauling acted as speaker of the evening. Second term pledge activities culminated in another banquet at the Athenaeum, where Charles H. Spencer, National President of Tau Beta Pi, was the honored speaker.

Third term was marked by the annual Tau Beta Pi formal and a beach party, "cum feminine," both events being acclaimed by all attending.

Officers were: Jack White, president; Stan Stroud, vice-president; Clyde Wahrhaftig, corresponding secretary; Phil Brooks, treasurer; and Glenn Billman, catalogueur.

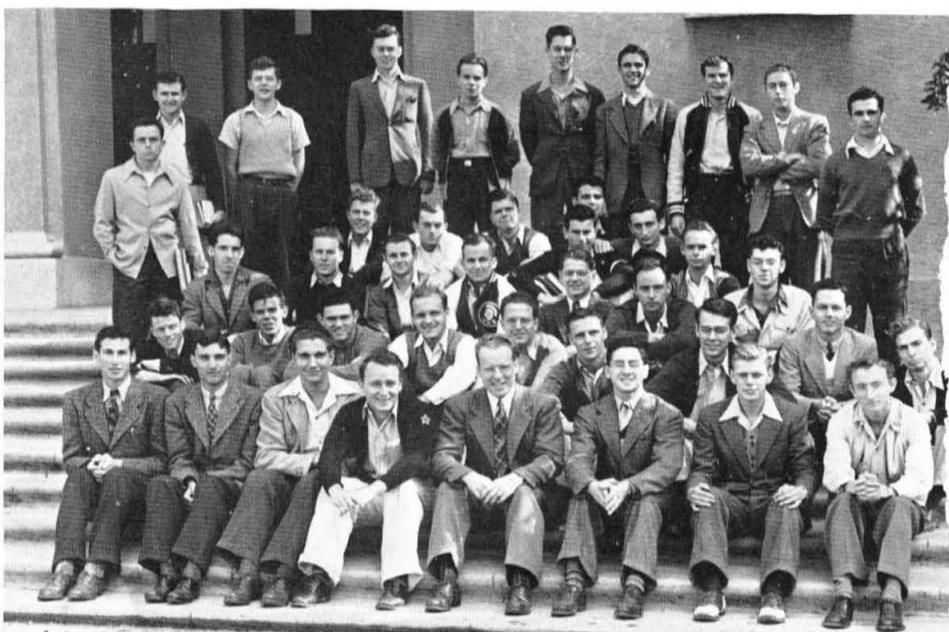
C H E M C L U B

FIRST STEP: Seegman, Wallace, Roen. MIDDLE: Bowlus, Dunn, Jerry Jones, Mader, J. W. Jones, Richardson, Schofield, Faust, Bradley, Thomas, Harlan. ABOVE: Harr, Brown, Farrington, Grossberg, Fleck, Holzman, Ayers, Hall, Routt.

Organized as a student affiliate of the American Chemical Society, the Chem Club has given Tech chemists a valuable opportunity to learn about industries through visits to such places as Eastman, Proctor and Gamble, Goodyear, and Riverside Cement. The program also included the annual banquet and several meetings. Officers were: Fred Billmeyer, president; Bob Routt and Frank Fleck, vice-presidents; David Howton, secretary; Allen Grossberg, treasurer. Dr. J. N. Wilson was faculty sponsor.



Presenting numerous services and activities to students, the YMCA, under the capable direction of John Price, engaged in the Asilomar and Foothill Conferences, organized a Town Meeting of the Air at Mr. Price's home on Thursday evening, and presented assemblies upon popular subjects. Ricketts House won the fund-raising campaign. Officers were: Gordon Abraham, president; Jim Harlan, vice-president; Boyd Marshall, secretary; Al Grote, treasurer, and Art Benson, general representative.



FIRST ROW: Martin, Morgan, F. Morris, Harlan, Mr. Price, Syd Stone, Bergh, Thiene. SECOND ROW: Dean Stone, Borden, Bair, Abraham, Abbey, Deniston, Elliott, Casserly, Dawson. THIRD ROW: Lehan, Grote, Buchanan, D. Morris, Sherwin, French, McWethy. FOURTH ROW: Six, Clark, Poindexter, Proctor, Ashley, Nahas. STANDING: Rea, Bond, Preeshl, Dall, Mattinson, Winter, Poolman, Andrews, Mays, Reed.

Y. M. C. A.



B O O K F O U R

B R I D G E S • D A M S

B U I L D I N G S • A Q U E D U C T S

★ *Houses*

H O M E

ICTS

RES





B L A C K



Pausing for refreshments at Doc's waltz party.

Crowds throng Blacker's Mid-Victorian lounge during the Interhouse Dance.

H O U S E

This year Blacker House has continued to maintain its traditional distinction in all fields of endeavor, a distinction characterized by the whole hearted cooperation and fellowship of the entire house membership. Blacker has achieved an enviable balance between extra curricular and scholastic activities, holding the championship in cross country, a second in interhouse athletic standing for most of the year, retaining for the fifth consecutive year the Abe Lincoln Trophy in Forensics, and still having a high scholastic standing.

The help and encouragement offered by "Doc" Eagleson, resident associate, to the entire membership of Blacker has become a by-word, particularly to those experiencing slight scholastic difficulties, and "Doc's Party," this year a Viennese waltz party, was the highlight of the social season.

President of the Barkeeps' Local No. 628, Frank Fleck, sets 'em up at the wild west party.



E R



FIRST ROW: Acker, Apostoli, Ayers, Ban. SECOND ROW: Bersbach, Buettell, Carter, Chandler. THIRD ROW: Clarke, Connor, Dazey, De Remer. FOURTH ROW: Farrington, Fleck, Francis, French.

Freshmen in the house who were active in sports included Prendergast, who threatens to become a record pole vaulter on the varsity team next year.

On the Board of Directors, Blacker is represented by Art Schneider, secretary of the A. S. B., a member of the Beavers, an honor key man, and an honor student. Boyd Marshall, also an honor key man and member of the Beavers, is the Rally Committee chairman. Allan Grossberg was varsity debate manager and treasurer of the Chem Club. Stan Rupert served as co-editor of the California Tech for two terms.

Officers for the year were Emerson La Bombard, president; Wayne Mac Rostie, vice-president; Paul Webster, treasurer; Herbert Lassen, secretary; and Kenneth Schureman and Dick Carter, athletic managers.

Inspired by the dynamic drive and leadership of the house president, Emerson La Bombard, Blacker has brought to light many men of service to the institute.

Blacker's cross country team, which includes such varsity track distance men as Art Schneider, Stan Rupert, Roy Acker, and Phil Johnson, again won the championship. The softball team, led by Paul Webster, pitcher, and such sterling players as Hubay, Marsh, Carter, and McKibben, won all its games except the one with Fleming. The house also secured the Discobolus through its softball team by defeating Fleming.

The basketball team, led by high point man Roy Acker and such outstanding players as Small, Spikes, and Green, won all but one of its games. Paul Webster and Lindley Wilson, Blacker's handball team, again won the interhouse hand-ball championship for the third year.

L A C K E R

FIRST ROW: Gardner, Garner, Geib, Goitz, Gillings, Green, Grossberg, Harbottle. SECOND ROW: Harris, Hayes, Haymond, Holzman, Hubay, Jeppson, Krueger, La Bombard. THIRD ROW: Lassen, Lockett, MacRostie, B. Marshall, R. Marshall, McGruer, McKibben, McWethy. FOURTH ROW: Morgan, Morris, Olenbush, Palmer, Poindexter, Potts, Rupert, Richardson. FIFTH ROW: Schneider, Schumacher, Schureman, Sherwin, Silberstein, Simon, Small, Smith. SIXTH ROW: Spence, Spikes, Steele, Wade, Webster, Weiss, Willits, Wilson.



D A B N E Y

In number of members Dabney House is the smallest on the campus, but in activity and achievement it excels, with a well-balanced participation in both the extra-curricular and curricular fields of endeavor. Dabney men are prominent in student body government, organizations and clubs, athletics, Tau Beta Pi and honor sections.



Dabneyites and Dabneydates at a record dance in their lounge.

Gathering in the sunshine of the court after lunch.

Twice elected chairman of the publicity committee for the Associated Student Body, John Rubel applied his skill and energy to the very successful fulfillment of this difficult task. The editor of The California Tech and presidents of the Chem Club and campus ASCE were Dabney members.





In the region of healthful ozone and pine scent the Dabney-Dorsey "mountain meeting" was held on April 12. Interspersed throughout the year were also exchange dances, record dances and stag smokers. Very popular were Dr. Clark's Sunday evening suppers, when the men of the individual

alleys were entertained at his San Marino home.

House officers for the year were president Gene Lakos, vice-president David Hill, secretary Bill Menard, treasurer Willie Stewart, and athletic manager Dick Vaughan.

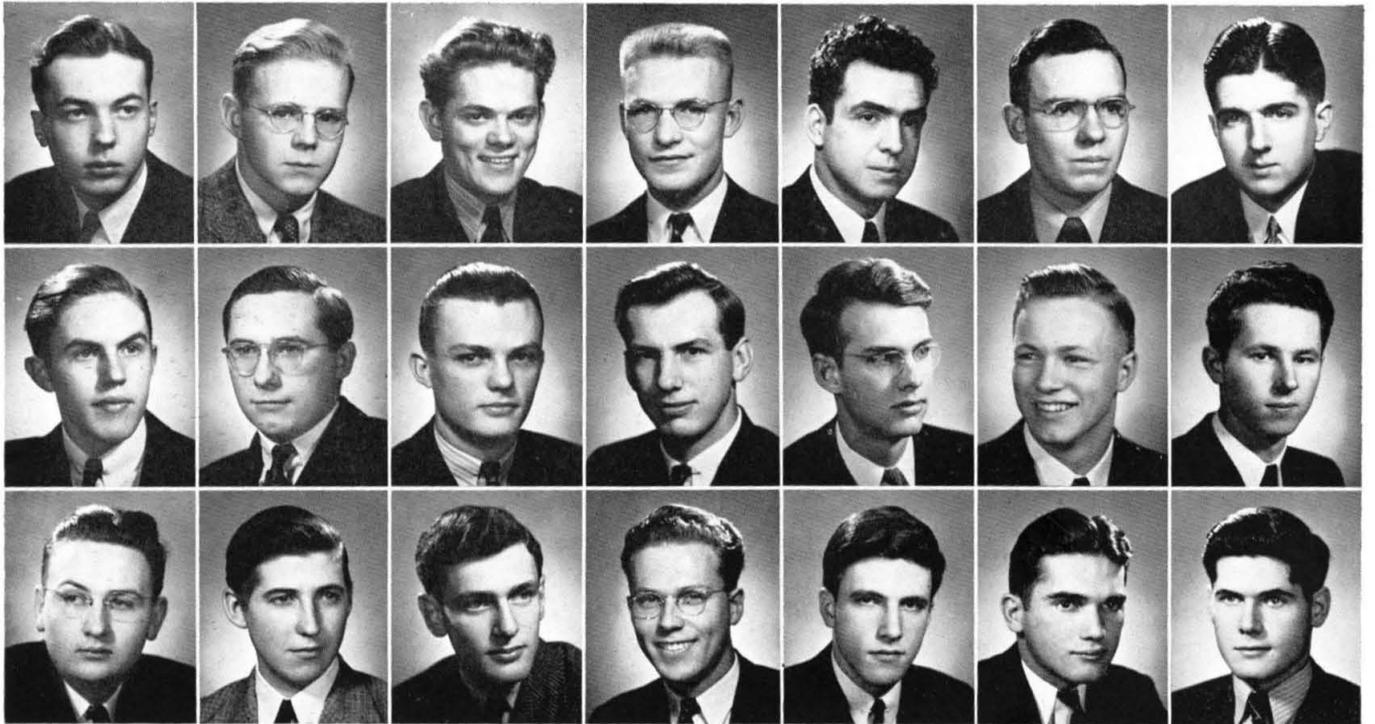
H O U S E

The house is without a peer in enthusiasm for skiing. Dabney furnished all of the officers for the Ski Club and won the interhouse ski meet. Gordon Woods, Ben Head and Willie Stewart are all top-flight skiers, and freshman Larry Brundred is close behind. Dabney's Stan Sohler captained the football team, and Bob Merrick was skipper for the swimming team.

Always noted for prominence in social activity, Dabney this year ran true to form with a full and diversified social program. Highlight was the first term Clark-Dabney week-end house party. On November second the girls from Claremont occupied the rooms which Dabney men had temporarily vacated. Week-end activities included a tea dance, dinner dance and a picnic in San Dimas Canyon.

A riot of fun and laughter was the annual Hodge-Podge, whose special feature was the "tunnel of love," constructed and engineered by that proponent of the scientific subtle approach, Stan "Yehudi" Sohler. January 25 saw Dabney formal dinner-dancing at Mayfair's Rainbow Isle, and a couple of weeks later there was a theatre party—"Fantasia" at the Carthay Circle Theater. The ski hut in Snow Valley was the scene of this year's snow party. White coats were in order for the gay spring formal.

FIRST ROW: Allen, Brundred, Buchanan, Carlson, Carr, Clark, Corcoran. SECOND ROW: Cummings, Cunningham, Dunn, Edwards, Elliott, Farmer, Fleischer. THIRD ROW: Grant, Grossberg, Grote, Harris, B. Head, D. Head, Giacomazzi.



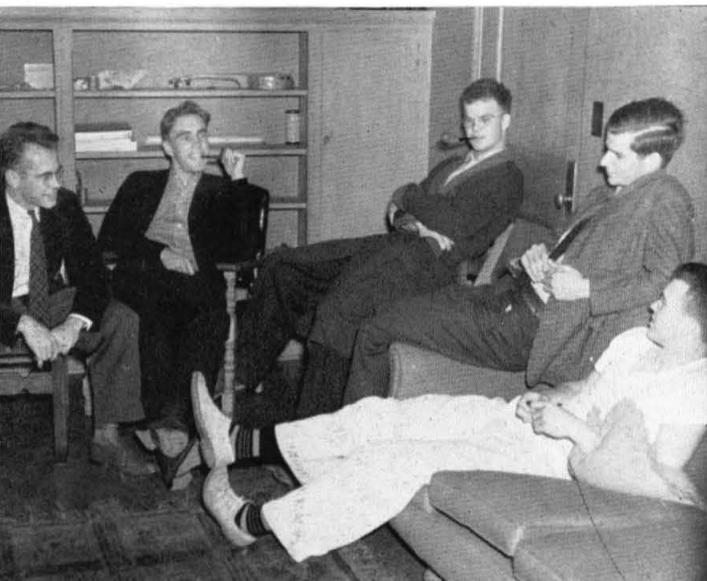


FIRST ROW: Hill, Hunt, Irving, Jacobson, Jerrems, King, Lakos, Lawrence. SECOND ROW: Lundy, Lutz, Mason, Mattinson, McLain, Menard, Merrick, Miles. THIRD ROW: Mitchell, Moore, Noland, North, Parkin, Pichel, Ploeser, Poindexter. FOURTH ROW: Protzen, Rhoades, Ridland, Riffenburg, Routt, Rubel, Sabersky, Schaff. FIFTH ROW: Schofield, Schubert, Shor, Sohler, Standart, Stewart, Stone, Tileston. SIXTH ROW: Tyler, Vaughan, Wallace, Wheelock, Wilkinson, Woods.

D A B N E Y



Siesta time in Fleming court.
 Displaying evidence of athletic supremacy.
 Familiar bull session.



Fleming House did it again. For the eighth consecutive year the big red teams brought the coveted interhouse trophy to Fleming. Joining the "old lady" on the Fleming mantle was the new alumni trophy, recognizing participation in intercollegiate athletics.

The year 1940-41 was a banner one for Fleming athletes. Thirteen Fleming men formed the bulwark of Tech's varsity football team. "Silent" Stan Stroud, stellar guard, was awarded the Wheaton trophy for excellence in scholarship, leadership, and sportsmanship. In basketball, Al Albrecht, steady guard, received all-conference honorable mention, and Bill Fair, diminutive forward, was the sparkplug of the Tech offense.

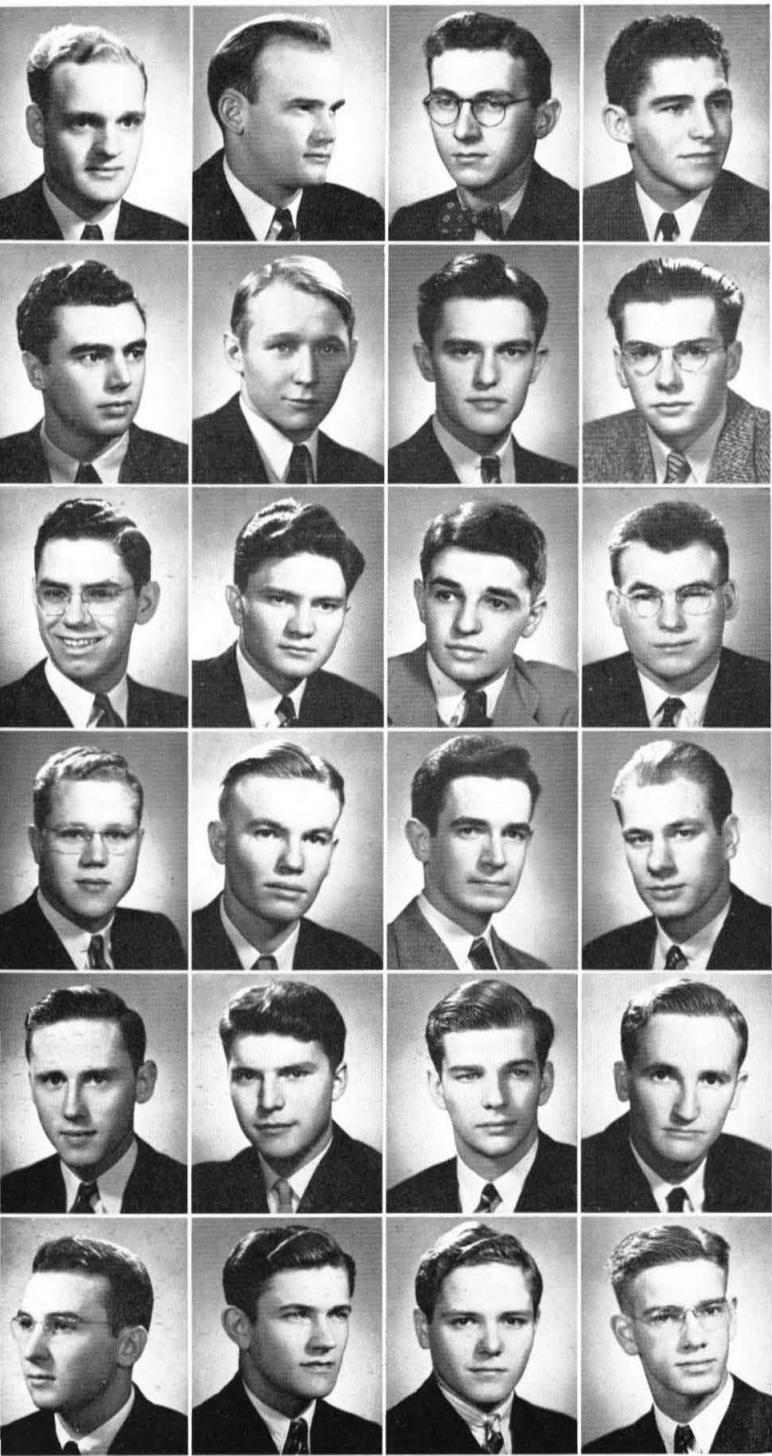
Norm Svendsen and Bob Fisher were ranked high in Tech tennis circles. Bill Callaway and "Hank" Roese, star battery, paced Tech's horsehiders. In track, the reds were represented by such stalwarts as Merrit Eusey, "Junior" Lind, "Squeak" Gillette, Warren Proctor, Clyde Wahrhaftig, and Dwain Bowen.

F L E M I N G

H O U S E

Fleming's choice of freshmen this year was extremely fortunate. Prominent were Johnny Dimmick, winner of the Scott Tennis Trophy; Sam Peoples, interhouse ski champion; Harry Moore; and Honolulu's pride, the "POOKS," John Nelson; Louis Gowans, and Kirk Lewis. Iron men in interhouse athletics were Dale Turner, Bob Bowles, "Zeke" Davis. Coach Davis (definitely the smallest man in the house) aptly managed Fleming's athletics.





FIRST ROW: Abraham, Albrecht, Alford, Allen. SECOND ROW: Bashor, Beckstead, Bell, Bennett. THIRD ROW: Berman, Billman, Bishop, Blayney. FOURTH ROW: Bowles, Bragg, Bramhall, Brockman. FIFTH ROW: Bruce, Bussard, Callaway, Curtis. SIXTH ROW: Davis, Dewdney, Dimmick, Dobbins.



FIRST ROW: Dodge, Eusey, Fair, Fisher. SECOND ROW: Gayer, Graner, Gillette, E. Hall. THIRD ROW: R. Hall, Hardenbergh, Harland, Hassard. FOURTH ROW: Ikawa, Ingersoll, Jones, Lind. FIFTH ROW: Lingle, McClain, McIntosh, Mead. SIXTH ROW: Mitchum, Moore, Mones, Porter.

F L E M I N G

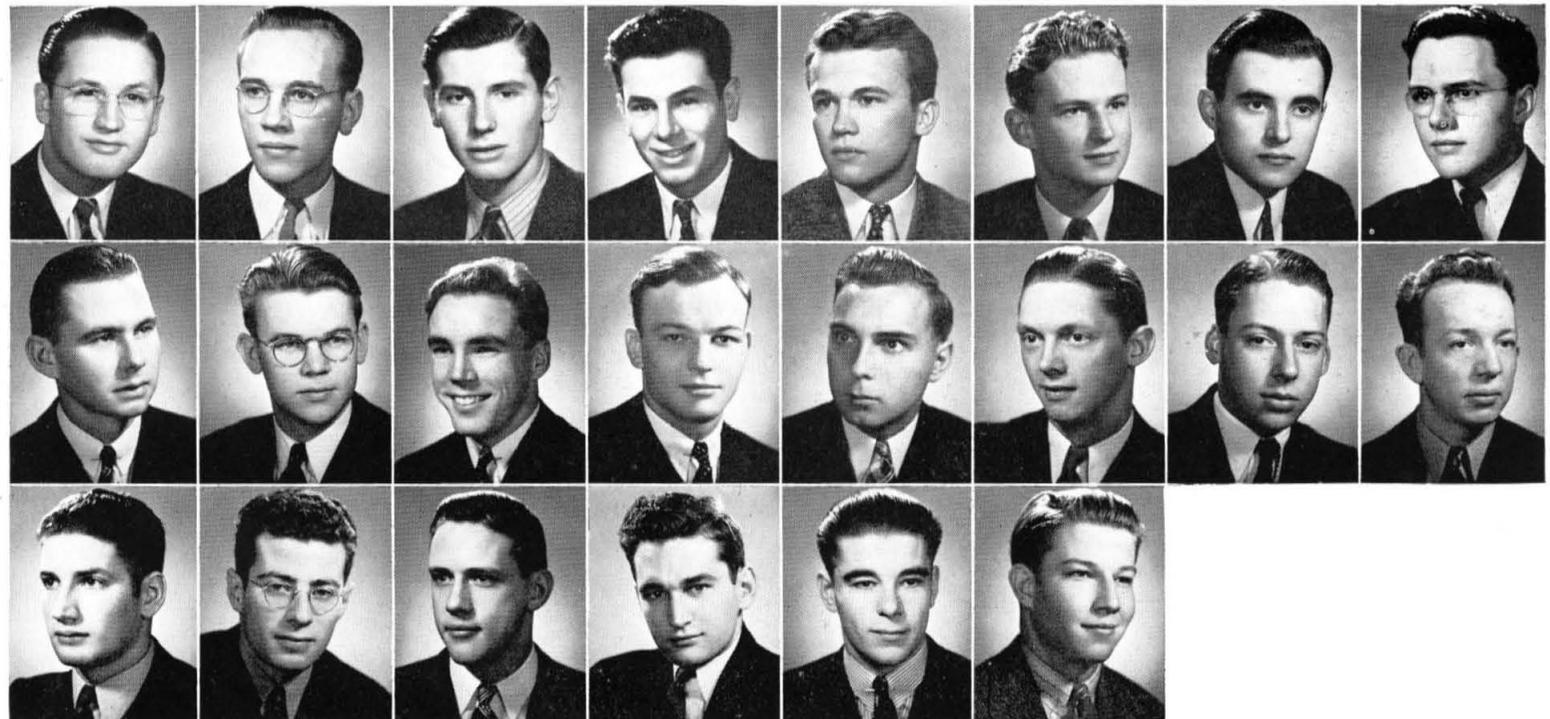
Fleming balanced its athletic efforts with important contributions to Tech's student body government. George Bramhall, A.S.B. Treasurer, efficiently guarded student body funds, and "Squeak" Gillette served on the board of directors. Newly elected to A.S.B. offices this year were: LeRoy Weller and "Amie" Bishop. Bob Bowles was business manager of this year's Big T, while Bob Frost endeavored to make the California Tech pay.

Important in class affairs were Webb Beckstead, Warren Proctor, and Roy Weller. Bob Bowles distinguished himself when his fiancée, a write-in candidate, defeated him in the otherwise uncontested race for the vice-presidency of the senior class. Serving on the Board of Control were the Fleming men, Jack White, Amasa Bishop and Henry Roese.

Surprising the old guard of Fleming House was the registrar's announcement that Fleming's grade point average was tops among the houses. Fleming has a large representation in Tau Beta Pi, which was guided this year by Jack White.

Fleming offered a rapid-fire social program. Top-notch events were the five houses dance, the house formal at the Midwick Country Club, the Fleming-Ricketts barn dance, and the famous beach party.

Officers were: Bob Bowles, president; Stan Stroud, vice-president; Al Albrecht, treasurer; and Clyde Wahrhaftig, secretary.



FIRST ROW: Price, Pritchard, H. Proctor, W. Proctor, Roese, Rolph, Rutter, Scheck. SECOND ROW: Skalecky, Spencer, Stone, Stroud, Scendsen, Tedrick, Tuedio, Turner. THIRD ROW: Urbach, Wahrhaftig, Weller, White, Widdoes, Young.

R I C K E T T S

The days of another year have glided by at Caltech, but for Ricketts House they have not passed into oblivion. Ricketts House has again justified its reputation of being the most versatile House on the campus. Widespread and well-balanced activities in the scholastic, social, political, and athletic phases of campus life have again given Ricketts top rating among the houses.

Ricketts insured its future supremacy in undergraduate activities by rushing and pledging an outstanding group of freshmen. Under the able, if domineering, tutelage of "Ham-Fat" Van Ness, the newcomers readily but painfully accomplished the transition from high-school "big-shots" to insignificant "frosh".

Ricketts' social calendar was of a diversified and thoroughly entertaining nature. The Hallowe'en motif of the Ricketts contribution to the annual Interhouse Dance proved to be the greatest attraction of the evening, drawing many couples from other houses to the Ricketts lounge. The Sophomore "Bad Taste" dance was perhaps the most successful social function of the House, the entire House attending to a man—accompanied by appropriate feminine pulchritude. The Ricketts men, enhancing still further their social reputation, staged their House Formal at the Coconut Grove, where they danced to the polished music of Freddy Martin. A hilarious Ricketts-Fleming Barn Dance, a Beach Party Dinner-Dance, the traditional Spring Dance, and stag affairs filled the social program.

Ricketts House dominated undergraduate activities, placing Bill Hicks, president; Charles Strickland, Stew Davis, and Evy Macartney on the new Board of Directors, while Bill Chapin, Bob Myers, Macartney, and George Reimers were on the retiring Board. "Demon" Densmore and "Moose" McDougall edited this year's annual, while Bill Turner will be the editor of the school paper, the "California Tech", for the coming year, thus assuring Ricketts a prominent voice in the campus and off.



Greenhalgh entertains Peggy Diggins, movie actress obtained by frosh.

There are easier ways to put out a fire.





A good place to loaf.

The leadership of the House was in the capable hands of Francis Greenhalgh, president; Bill Hicks, vice-president; Fred Felberg, treasurer; Evy Macartney, secretary; and Al Paul, athletic manager. The officers for the coming year to carry further the traditions of Ricketts House are Al Paul, John Bewley, Bill Kennedy, Fred Tenney, and George Griffith.

The prospects for the coming year are bright for Ricketts House, for the combination of incidents in the past and promises of the future can hardly prove to be fallacious.



H O U S E



FIRST ROW: Adams, Anderson, Arnold, Ashley, Bacon, Bair, Bangs, Barrett, Bartlett. SECOND ROW: Benson, Bewley, Bolles, Borden, Brown, Carson, Chalmers, Chapin, Cohn. THIRD ROW: C. Cox, R. Cox, Dall, Dawson, Davis, Densmore, Felberg, Fiul, Fleming. FOURTH ROW: Frey, Granicher, Green, Greenhalgh, Griffith, Gustavson, Halpenny, Hanson, Harr. FIFTH ROW: Haupt, Hedstrom, Hicks, Hodder, Holser, Hughes, Jones, Kennedy, Kingsmill. SIXTH ROW: Lee, LeVine, Lewis, Long, Macartney, Mader, Martin, McCoubrey, McDougall.

R I C K E T T S

H O U S E

FIRST ROW: Miller, Myers, Nyborg, Partlow, Paul. SECOND ROW: Pilorz, Reimers, Rominger, Rosener, Rutherford. THIRD ROW: Shippee, Shoner, Sigworth, Smith, Snodgrass. FOURTH ROW: Spaulding, Stadum, Staley, Strickland, Stone. FIFTH ROW: Tenney, Townsend, True, Turner, Van Ness. SIXTH ROW: Vartikian, Williamson, Wittig, Young, Wood.



Throop boys take it easy in their newly furnished patio.



Leis provide atmosphere at Throop's Hawaiian contribution to the five-house dance.

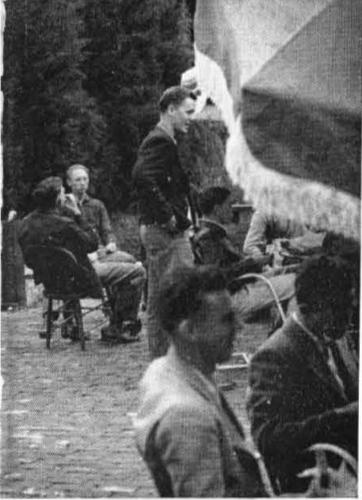


President Casserly chats with Earle A. Burt of the County Highway Department, speaker at a Throop Club dinner meeting.

Throop Club, taking the place of the house organization for the off-campus students, furnished social life and student activities which non-residents would otherwise lack. The club played a vital role in campus activities, entering into many campus functions, adding enthusiasm to interhouse sports, and helping to carry on the normal traditions of Tech.

Growing out of the weakly organized Non-Resident Club, Throop Club, since its foundation in 1934, has always taken an ever-increasing part in the social life of the off-campus organizations, having the largest membership of any house organization. This year the Throop membership reached a new high of over 180 men. The club is now well organized and has excellent facilities to cover all of its activities.

T H R O O P



C L U B

The attractive Throop Club lounge and the adjoining patio which was built last year by the members of the off-campus group provided an excellent background for the club's activities. The lounge has been the scene of some of the most popular dances on the campus, and during the day it provides a refuge from studies for the non-resident Tech man. This spring a set of furniture was added to the new patio, as a gift of the Throop Club Associates.





FIRST ROW: Allingham, Andrews, K. Anderson, R. Anderson, Anspach, Aron, Ashbrook. SECOND ROW: Atkinson, Axtman, Baird, Barlow, Barnard, Bauer, Begovitch. THIRD ROW: Bell, Benson, Bergh, Billmeyer, Blight, Bond, Booth. FOURTH ROW: Bowlus, Bradley, Briglio, Brooks, C. M. Brown, C. A. Brown, D. Brown.

A great deal of the popularity of Throop Club resulted from its well-balanced social program, which this year was under the direction of social chairman, Bob Wilmoth. Starting the year with the annual stag, the social program included two formal dances, a house party, a trip to Catalina, a dance at the Biltmore Bowl, and other functions which took place throughout the year. One of the most popular dances of the season was the Throop-Hawaiian dance with Lani McIntyre and his famous Hawaiian orchestra.

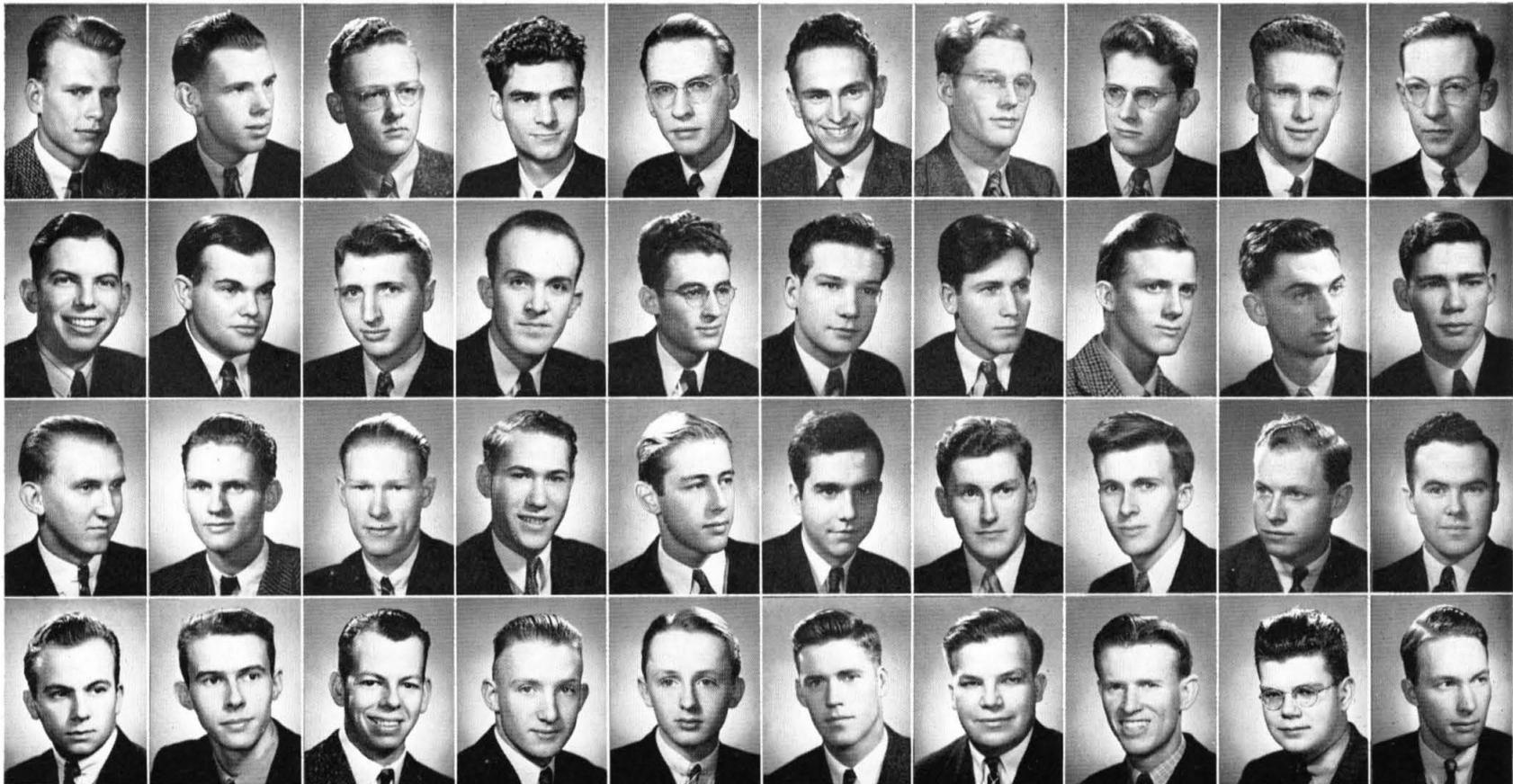
Throop Club's initiative and vitality has been due to its excellent officers and to their enthusiastic support by the club members. Under the energetic leadership of Frank Casserly, president for the past year, Throop Club has retained its position as one of the most healthy campus organizations. The increased membership, the increased activities, the new patio, and the various other accomplishments of the past year stand as symbols of the club's vitality.

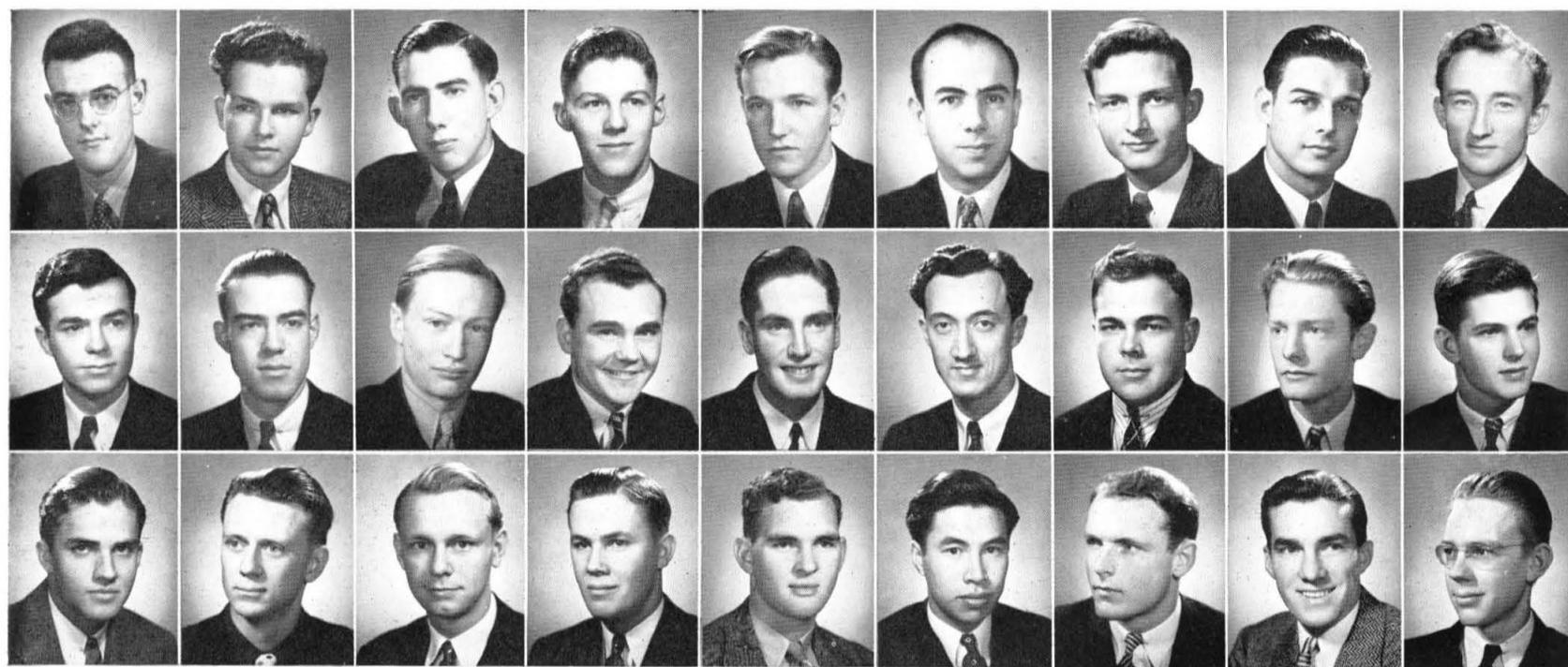
Throop Club has produced many strong interhouse athletic teams. Outstanding this year was the club's track team which greatly outclassed the other house teams. The club boasts among its members such athletes as Tommy Elliott, Dave Howton, and Bob Cooper. Vic Sturdevant, of swimming and water polo fame, is also a Throop man.

The Throop Club officers for the past year were: President, Frank Casserly; vice-president, Phil Brooks; treasurer, Jerry Jones; secretary, George Kendall (one term), and John Carr (two terms); social chairman, Bob Wilmoth; athletic manager, Stan Mitchell; publicity director, Ken Anspach, and pledge master, Dave Elmer.

THROOP CLUB

FIRST ROW: Brown, Buchanan, Bunker, Campbell, Cannon, Carr, Casserly, Clark, Clayton, Cooper. SECOND ROW: Crater, Curtis, Cutler, Deniston, De Vault, James Drake, John Drake, Elliott, Ellis, Elmer. THIRD ROW: Fatt, Flavell, Frank-Jones, Faust, Franzini, Fredrick, Froelich, Galeski, Gally, J. Garst. FOURTH ROW: W. Garst, Gilbert, Gilman, Glover, Goldsmith, Grimm, Gruen, Harlan, Hebenstreit, Hedenberg. FIFTH ROW: C. Hoagland, J. Hoagland, Holditch, Howard, Hiatt, Hicks, Hull, Johnson, Jerry Jones, John W. Jones. SIXTH ROW: Knudson, Landau, Larson, Lawrence, Lesser, Lester, Long, Maguire, Maninger, Mann. SEVENTH ROW: Martens, Mason, Mathis, Mayer, Mays, McCormack, McDonald, W. Mitchell, S. Mitchell, Moore. EIGHTH ROW: Morris, Nevill, Nevis, Odell, Osborne, Partch, Paulson, Pearson, Pettit, Piatt.





FIRST ROW: Preeshl, Rambo, Rawn, Rea, Reid, Rempel, Rhyne, Richardson, Robinson. SECOND ROW: Roen, Rogers, Ratler, Sakai, Sakamoto, Samashima, Sandel, Sander, Saplis. THIRD ROW: Savit, Schamberg, Schauer, Scott, Scribner, Seegman, Skinner, Smallberg, Smith. FOURTH ROW: Snyder, Steinle, Stewart, St. John, Strader, Strickler, Sturdevant, Thiele, Thiene. FIFTH ROW: Thomas, Thompson, Trindle, Van Orden, Veronda, Vey, Wagner, Wald, Warren. SIXTH ROW: Wheeler, White, Wilcox, Wilmoth, Witmer, Woo, Wood, Young, Zebb.

T H R O O P C L U B



B O O K F I V E

RAILROADS • AIRPLA

ENGINES • SHIPS



sports

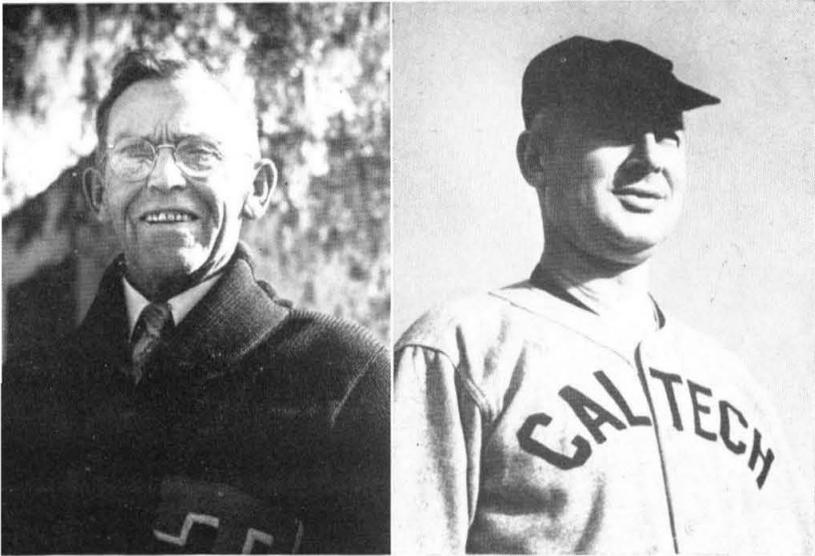
AUT

RES



INE

COACHES



Head of the coaching staff is William "Fox" Stanton, veteran strategist, who is head coach of the varsity football and track teams. Likeable Hal Musselman is mentor of the Beaver baseball team, and in the fall coaches the scrub football men. Otherwise his duties as athletic manager keep him busy.

ABOVE: Coach "Fox" Stanton, Director of Athletics. Coach Harold Z. Musselman, Athletic Manager. RIGHT: Dr. Floyd Hanes. Coach George Cooper.



BELOW: Hugh Bradner, Joe La Salle.

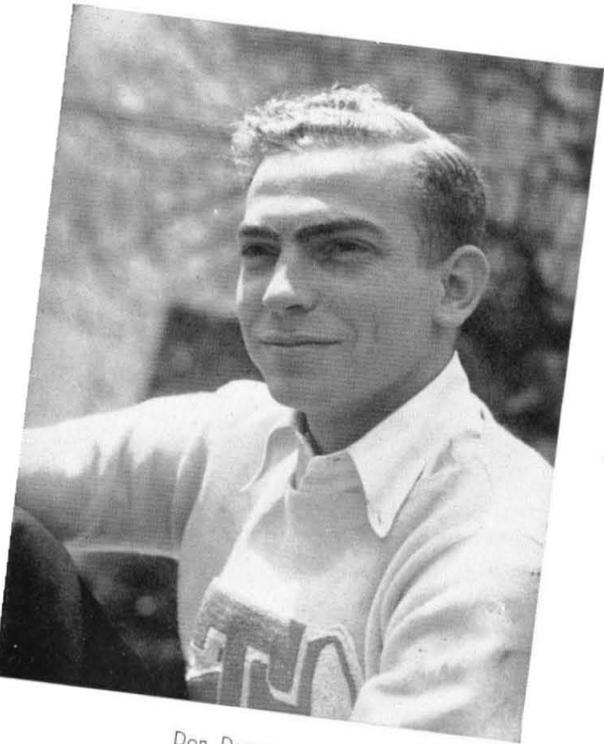
George Cooper each year whips the Caltech varsity basketballers into shape besides coaching frosh baseball and assisting in producing a frosh football team. Hugh Bradner, now in Washington on national defense, coached varsity and frosh swimming and water polo and frosh tennis. Joe La Salle directed the successful tennis team.

Doc Hanes, trainer of all Tech athletic teams, coaches cross country, and sponsors the annual decathlon.



VARSITY

YELL LEADER



Don Dawson.

The position of yell leader is not a joyful one at any school, and at Tech additional difficulties are encountered. The real task is to get the students out of the lab and into the grandstand to root for their teams. This was done admirably by Don Dawson. Don took over when Kenney Weir, yell leader-elect, failed to return this year.

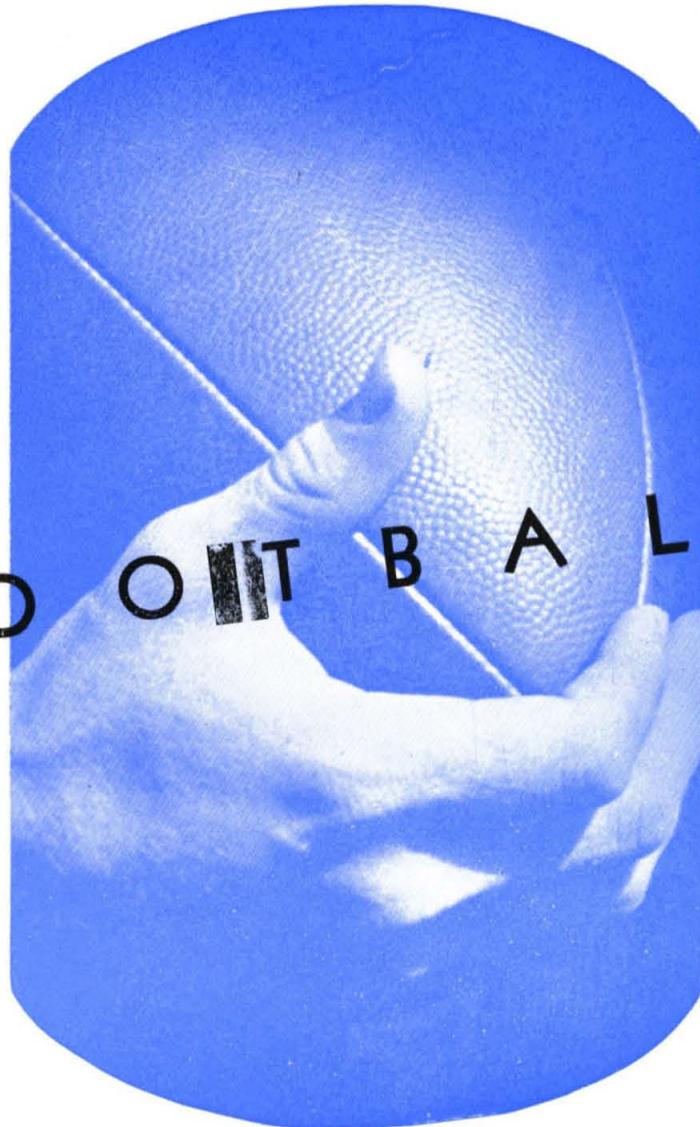
Dawson's two years' experience enabled him to arouse a new high in spirit, especially at the closely contested Oxy game. Aably assisting Dawson was Jack Froelich, freshman assistant yell leader.

Next year the rooters will be led by William Julius "Hairless Joe" Russell. His first duty will be to infuse spirit into the incoming students at Frosh Camp next fall.

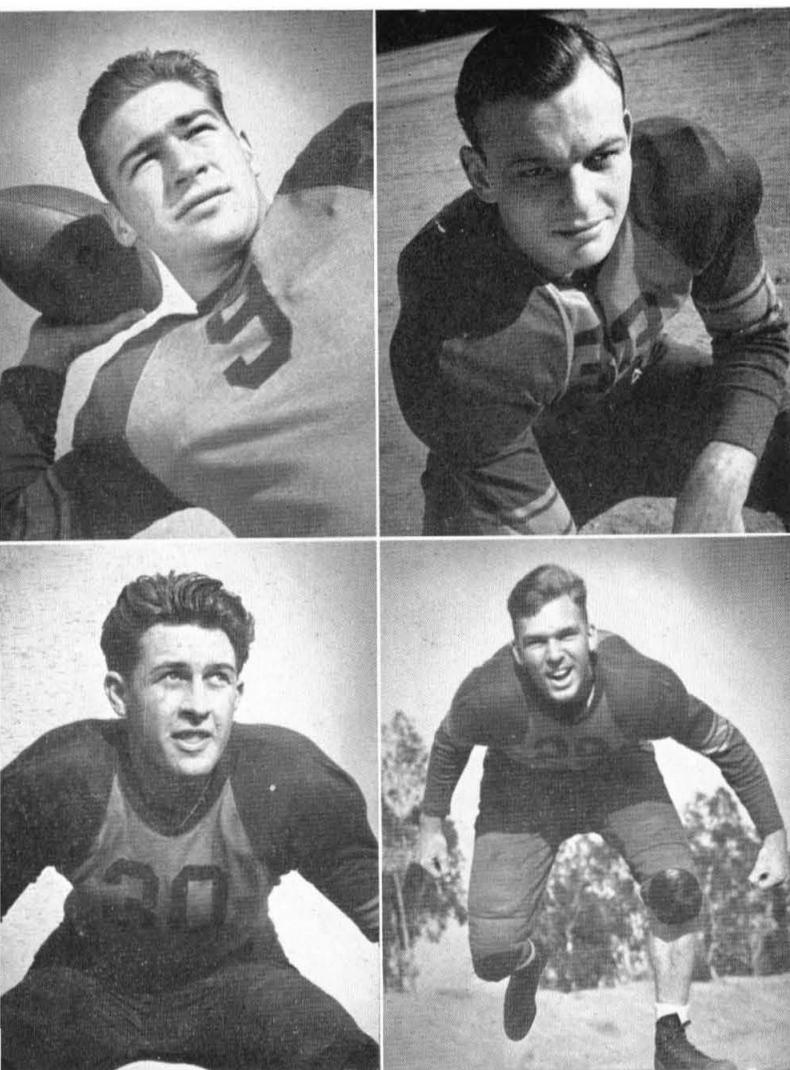


On to Flagstaff!

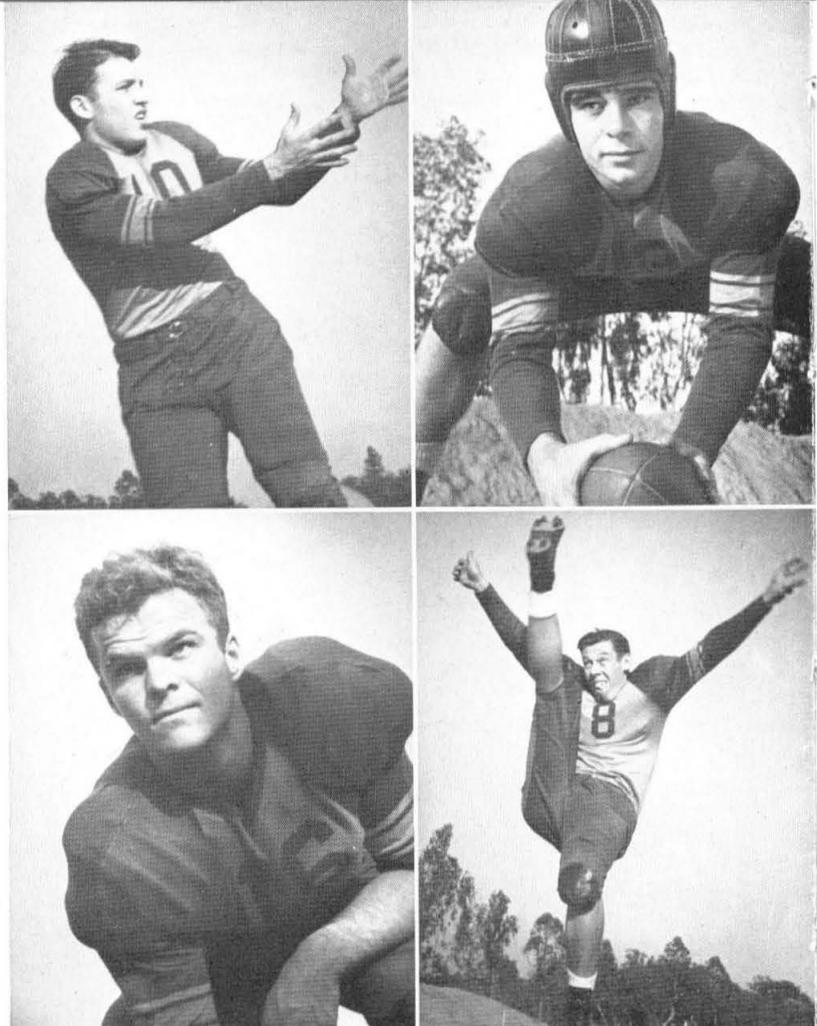
F O O T B A L L



With many returning veterans and strong reserves up from the frosh, the Beaver varsity football team seemed destined for the most successful season since the championship days of '30 and '31. From the start the team was beset by a series of injuries and bad luck which nullified the fighting spirit and undermined the determination of the Tech squad.



Tom Elliott, Stan Stroud, Merritt Eusey, George Lind.

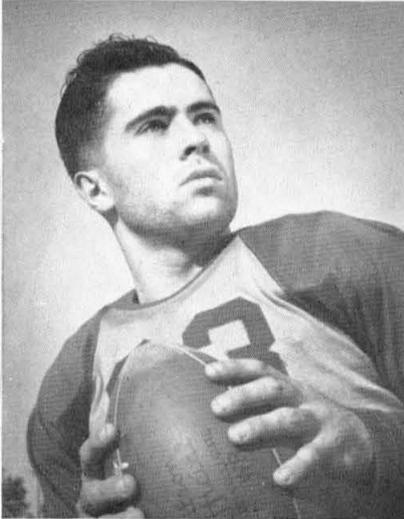
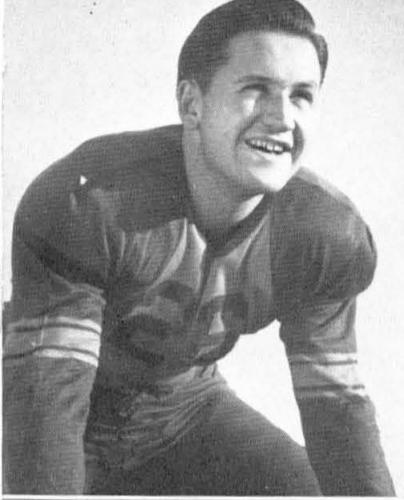


Following the team to San Luis Obispo, a small, madly cheering group of Tech supporters saw the fighting Beaver team overcome a 7-0 lead, and administer a decisive 12-7 defeat to the Cal Poly gridders. The game featured outstanding play by Captain Stan Sohler.

Suffering a let-down from the Cal Poly game, and lacking scoring punch, the Stanton-coached band fought Glendale J. C. to a 7-7 deadlock in the Rose Bowl. Glendale scored shortly after recovering Macartney's fumble of the Beaver thirty, while Stan Sohler accounted for the Tech touchdown by scampering thirty yards down the sideline with an intercepted Glendale pass. Tommy Elliott's booming punts time and again drove an inspired Glendale eleven back deep into its own territory.

F O O T B A L L

V A R S I T Y

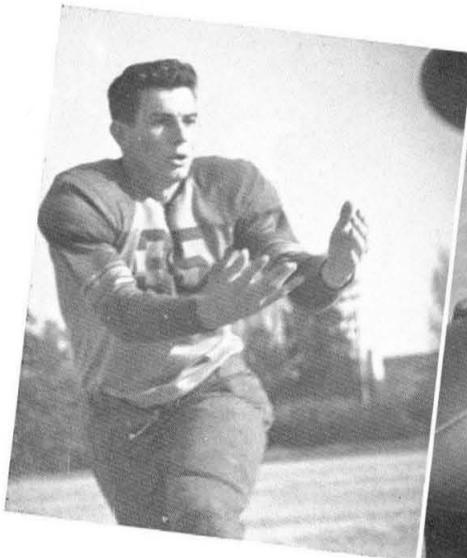


ABOVE: Everett Macartney, "Duck" Widdoes, Harrison Price. BELOW: Warren Gillette, Jack Anderson, John Small.

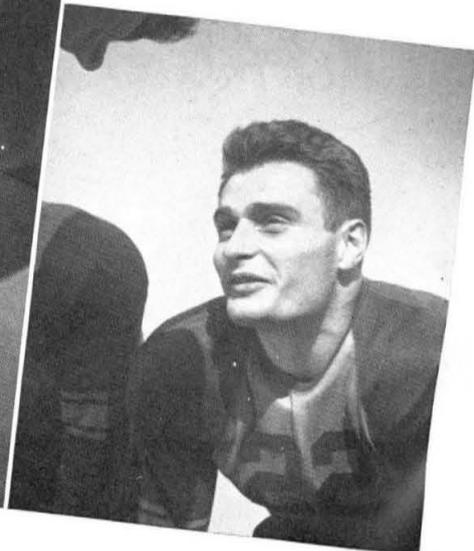
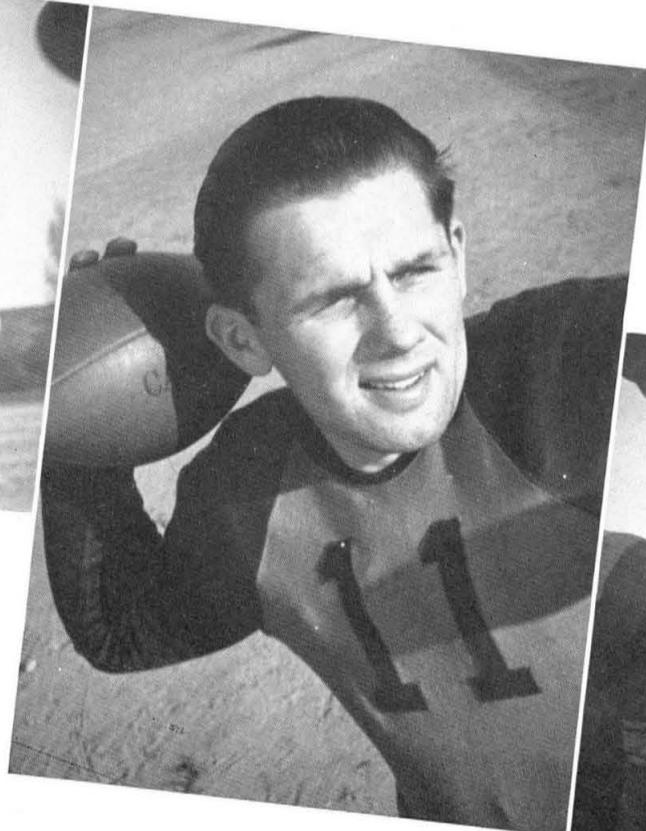
Selections for the All-Conference Football Team included six Tech men. Captain Stan Schler was selected All-Conference quarterback for the second consecutive year; Tom Elliott and Stan Stroud were named on the second team, and Merritt Eusey and Lawrence Widdoes were given honorable mention.

Stanley Stroud was awarded the highest athletic honor of Caltech when he was presented the Wheaton Trophy. This trophy is awarded to the football player who displays the finest sportsmanship, scholarship and moral influence. Stan showed these qualities to an outstanding degree during his three years on the varsity team. His selection met with wide approval.

Lettermen for the year were headed by All-Conference quarterback and Caltech Captain Stan Sohler and included Tom Elliott, Merritt Eusey, Stan Stroud, Bill Ingersoll, Larry Widdoes, Bob Cooper, Warren Gillette, Webster Beckstead, John McClain, Warren Proctor, David Howton, George Lind, Jesse Graner, Everett Macartney, Jack Anderson, John Small, Henry Roese, George Reimers, James Blayney, and Harrison Price.



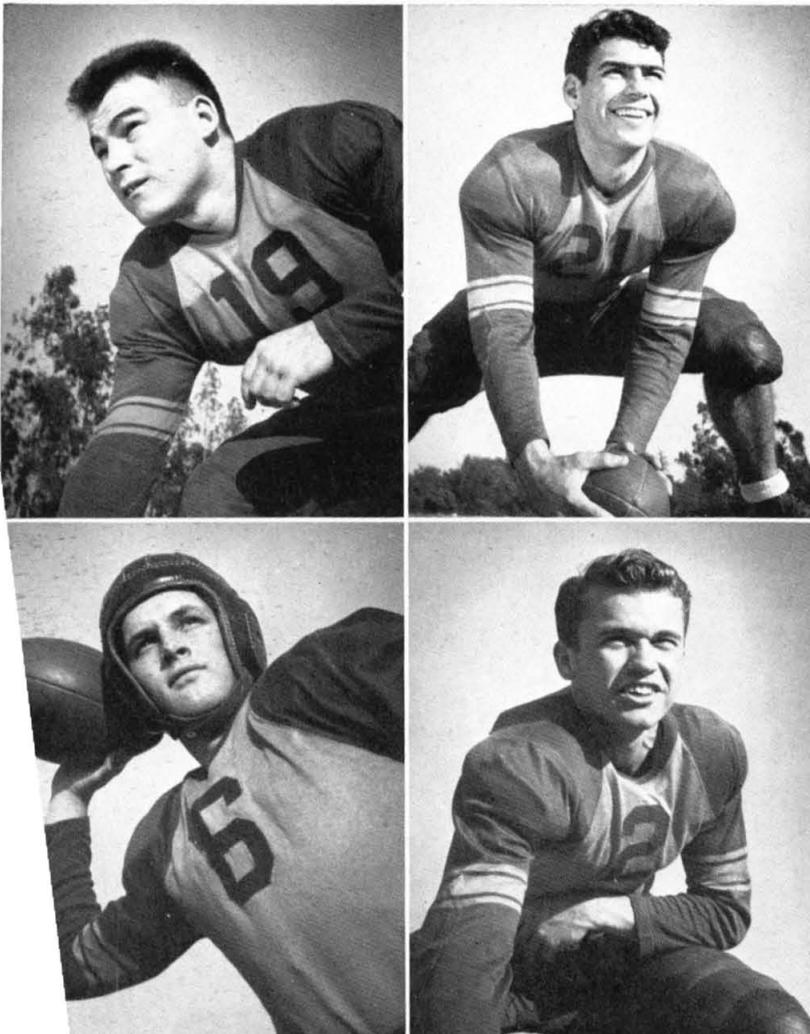
Warren Proctor, Captain Stan Sohler, George Reimers.



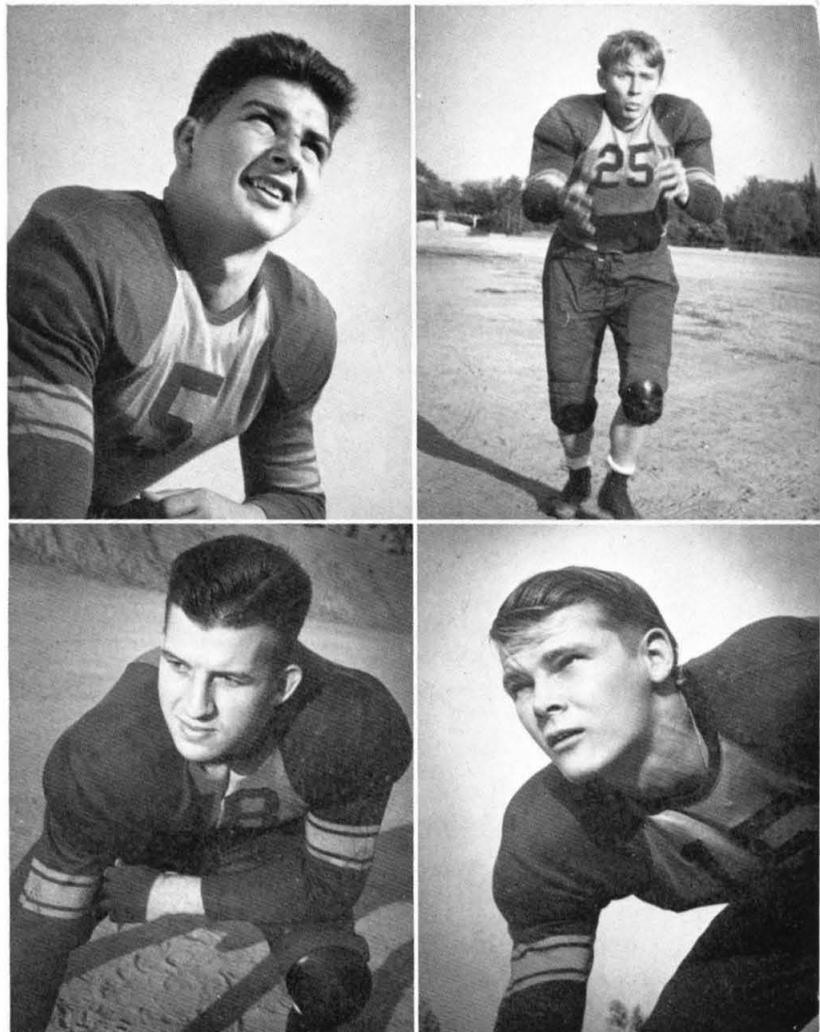
Meeting Whittier in the first conference game of the year, the Beavers bowed, 19-0 to the 1939 champs. The game was much closer than the score indicates, and with a few breaks, a Beaver victory might have resulted. Playing without Bob Cooper, the engineers found a new star, Evy Macartney, who played perhaps the best game for Tech that night.

Sent off to Flagstaff by a rousing rally at the Santa Fe station, the varsity fully expected to bring back victory. A 16-8 advantage in first downs demonstrates the superiority of Tech's power plays, but the Beavers, unaccustomed to the 7000 foot elevation were unable to cope with the flanking plays of the Lumberjacks of Arizona State, and came home stinging under a 33-14 defeat.

BELOW: Jess Graner, Web Beckstead, Bill Ingersoll, Dave Howton.



ABOVE: Jim Blayney, John McClain, Bob Cooper, "Hank" Roese.



Many a dead game was brought back to life by the band's numerous novelty selections.

Meeting Pomona on the hottest afternoon of the year, a shattered Caltech team, still weakened by the Arizona trip, fell an easy victim to the Bulldogs, the score of 23-6 indicating the superiority of the Pomona gridgers that afternoon. The Beavers suffered a severe blow, losing Captain Sohler, due to a leg injury.



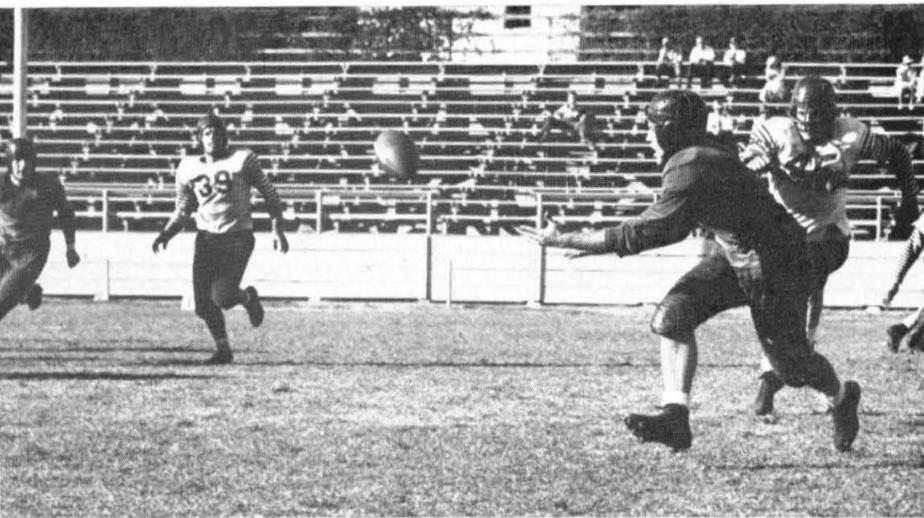
One of the most exciting plays of the year was witnessed in the LaVerne game when Anderson grabbed a juggled ball from a LaVerne player and ran 102 yards to a touchdown for the only score of the game.



Jack Anderson whips around end as Eusey, ever ready, runs out to block.

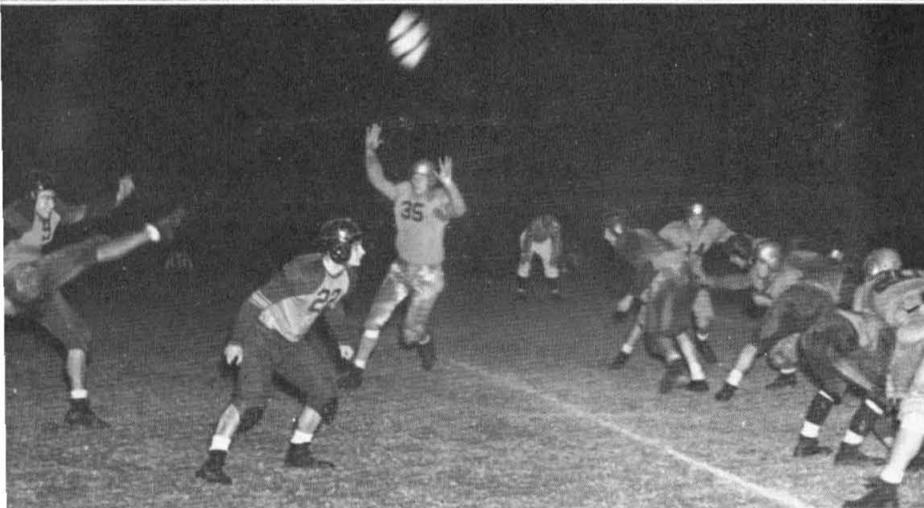
G R I D D E R S

Redlands Bulldogs force Roese to the sidelines.



A fighting bunch of Engineers lost the traditional Oxy game in the last three minutes by a score of 26-13. The game was evenly contested until this late stage when the score stood at 14-13, and Tech was driving to a touchdown. After reaching the Oxy eight yard line, a Tech pass was intercepted and the demoralized Engineers "folded" as Oxy scored twice in the final three minutes.

The final game with Redlands was the worst defeat of the season. In an apathetic state the Tech gridgers allowed the Redlands lads to run and pass to a 40-0 victory.



TOP: Macartney stretches for lateral pass in sweltering sun during Pomona game. BELOW: Elliott holds back Oxy with his fifty yard punts.

V A R S I T Y

F O O T B A L L

Throughout the entire season it was obvious that the Beaver squad, brilliant at times, played on the whole below its capabilities. Disappointed by the season's showing, and the conflict between house and varsity football, the Athletic department decided to de-emphasize football, decrease the number of games played, and cut out spring and pre-season practice.

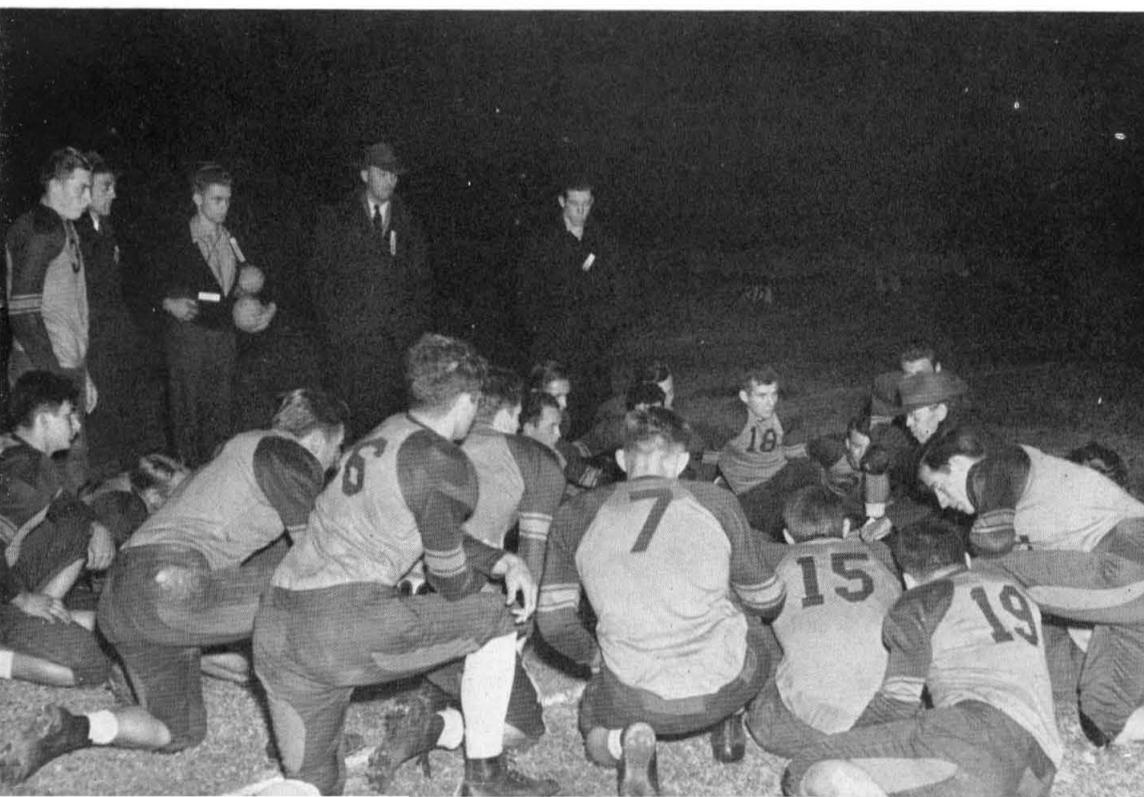
To save football here at Caltech, the houses voted overwhelmingly to keep varsity football, and proposed a plan to put house football in the spring, when it would not interfere with the varsity sport. On top of this, 46 football men signed a petition demanding spring practice. In the face of this tremendous revival of school interest in football, the Institute has agreed to continue spring practice, and the schedule for next year will be a complete one.

In order to further team spirit, a new system has been introduced whereby game captains will be appointed and an honorary captain elected at the end of the year. With an entirely new system, and great strength returning and coming up from the freshmen, next year's squad will determine the future of Tech football.

The fitting end to the season was the athletic banquet given at the Pasadena Athletic Club with Dr. Sorensen acting as master of ceremonies and Student Body President Bob Myers distributing the awards.



ABOVE: Stanton sends Anderson into the game with instructions after important last words, "Don't say a word until after the first play!"

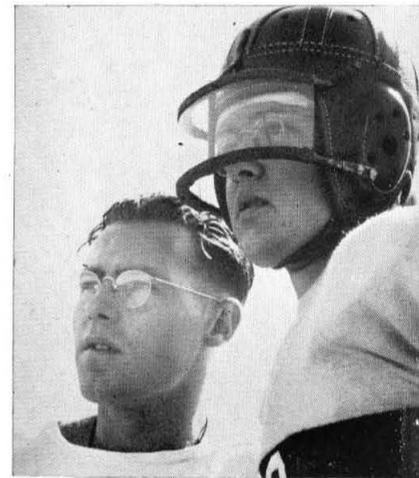


LEFT: Coach Stanton discusses strategy with the team between halves at Redlands.

SITTING: Manager Goldsmith, Holditch, Rea, Witmer, Sakamoto, Smith, Scott, Martin, Bair, Shippee, Pritchard, Curtis, Manager Stone. SECOND ROW: Coach Brown, Parks, Shecklen, Rosener, Mason, Mitchell, Proctor, Seed, Moore, Coach Cooper. TOP ROW: Lehan, Day, Wiggs, Carson, Ashley, Captain Pilorz, Wakefield, Clark.

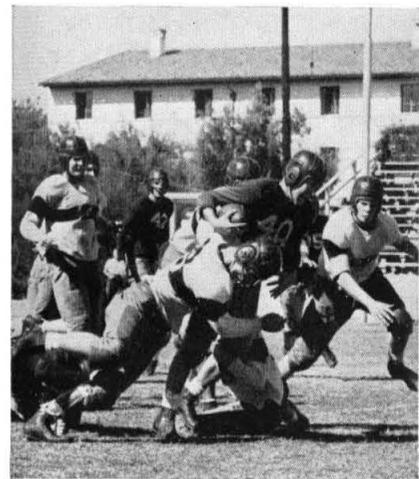


Frosh football this year was notable for the number of experienced men that turned out. Although the team failed to win a game, it played brilliantly at times and evidenced a strong offensive.



In a preliminary game, Tech lost to the Webb School 2-0, due largely to lack of practice. The frosh lost their first conference game to Pomona, 7-14. Although they outplayed the Sagehens in the first half, the heat sapped their strength in the second half. Occidental was victorious over Tech by the score of 20-7, by dint of capitalizing on their scoring chances. Bad breaks also accounted for Tech's defeat by Redlands 14-13.

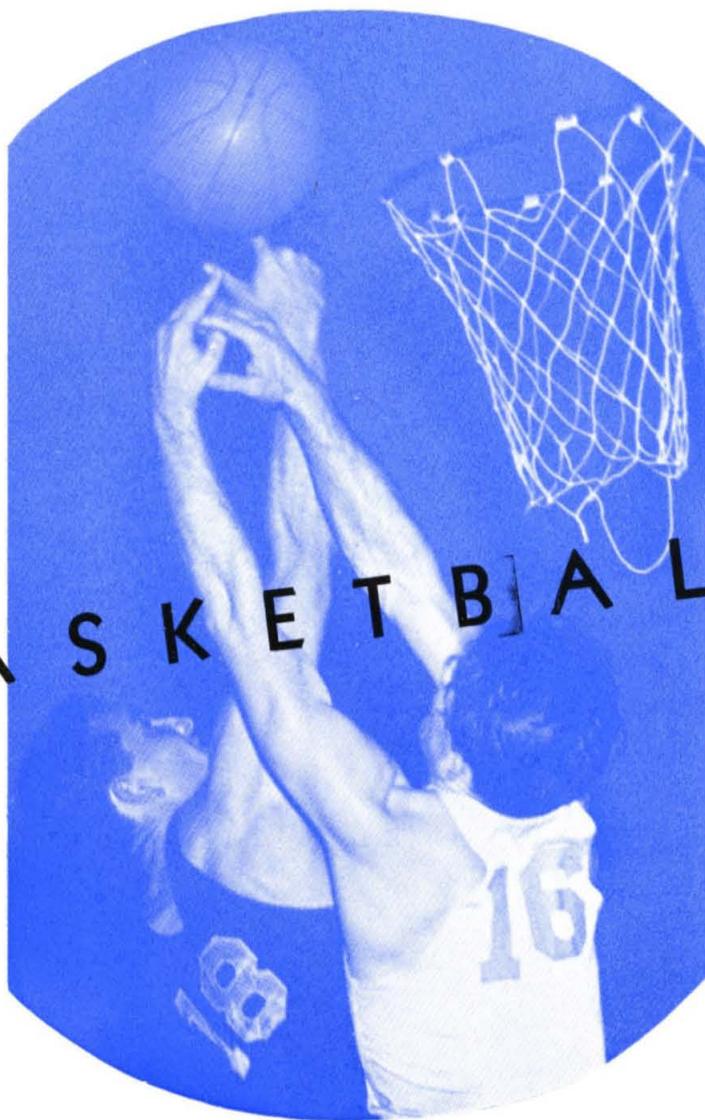
Particularly outstanding on offense for Tech were Pilorz, Smith, Moore, and Martin, the latter twisting 90 yards for a touchdown in the Redlands game. Numeral winners were: Ashley, Carson, Holditch, Hughes, Martin, Moore, Parks, Pilorz, Pritchard, Proctor, Rea, Rosener, Sakamoto, Shecklen, Shippee, Smith, Wakefield, and Wiggs, many of whom will aid the varsity in the future.



Coach Brown and Holditch on the sideline. Tech frosh down a Pomona man.

F R O S H

B A S K E T B A L L



LEFT, SEATED: Bolles, Cooper, Fair, Captain Myers, Chapin, Grimm, Shoner. STANDING: Coach Cooper, Sohler, Strickland, Larson, Nahas, Albrecht, Miller, Manager Billmeyer.

BELOW: Captain Myers.



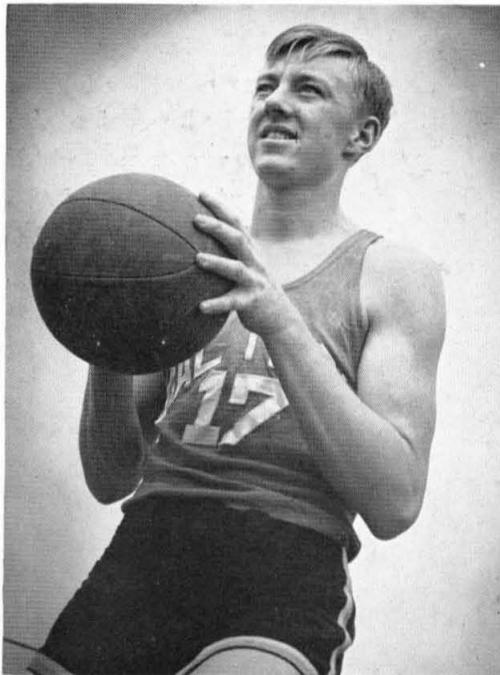
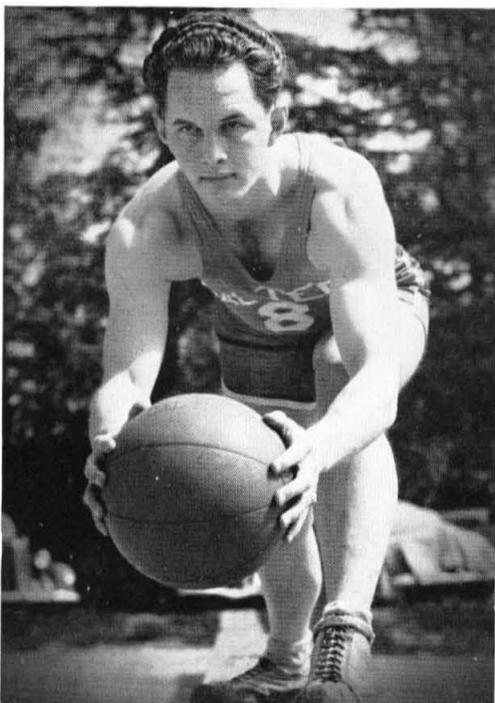
Lacking the height essential to basketball, the varsity Beaver team was drilled in a fast type of play by Coach George Cooper. Despite spasmodic flashes of superior form, the team won only one conference game. The addition of several men from last year's strong frosh team and the improvement of members of previous varsity squads offered an opportunity for the development of a winning team, but the usual lack of adequate training facilities and the necessity of travelling to the armory for practices handicapped this development. Injuries also handicapped the team greatly. The loss of George Reimers for the season due to a foot injury and injuries to other key men dampened the prospects of the team.

V A R S I T Y

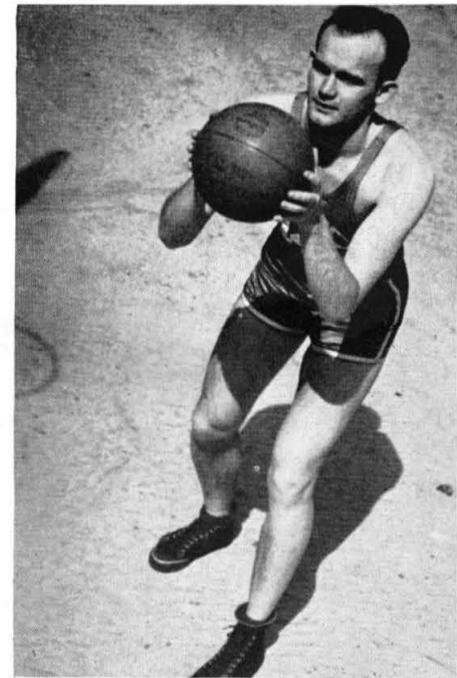
B A S K E T B A L L

The LaVerne Leopards were too smooth for the Engineers who had been vacationing for three weeks, and with the experimentation of various combinations, this first game was lost by the Engineers, 59-21. On the following week-end, the lack of practice and conditioning was further demonstrated as the strong Chapman College five swamped the Engineers 72-26. The potential ability of the squad was demonstrated in the next game. In the first half, the Engineers outplayed Pomona and led 30-26 at the half. The team collapsed in the second half as Pomona came from behind to win, 55-45. With only two days of rest, the Engineers travelled to Eagle Rock, where they were unable to cope with Oxy's man-to-man defense and were forced to submit to a 50-22 beating.

In their next game with Pomona, the Engineers demonstrated their ability as they outplayed and outfought a team which had an average height advantage of almost five inches. In the beginning of the second half, with the score 11-15 against them, the Engineers began working smoothly together, sinking their shots, and took the lead. Once in the lead, and with only several minutes to play, the Engineers "froze" the ball and won the thriller 37-36. Their luck deserted them in the next game when, after trailing at the half, 23-20, the fast Whittier quintet emerged on the long end of a 38-30 score.



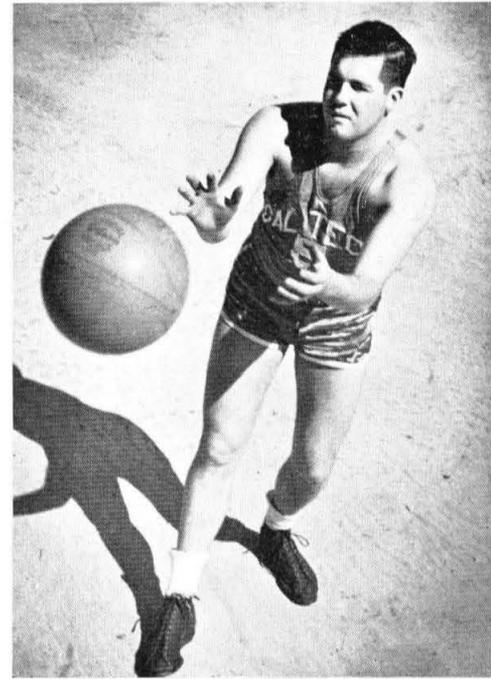
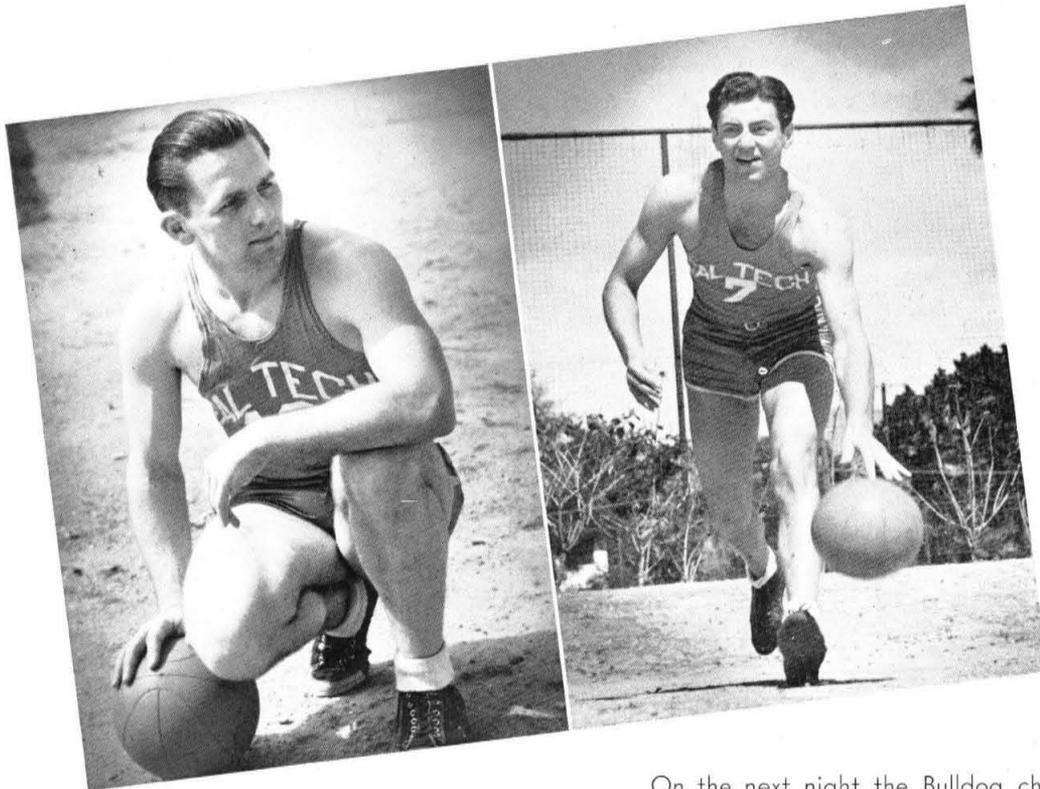
Bob Cooper



Al Albrecht

Chuck Strickland

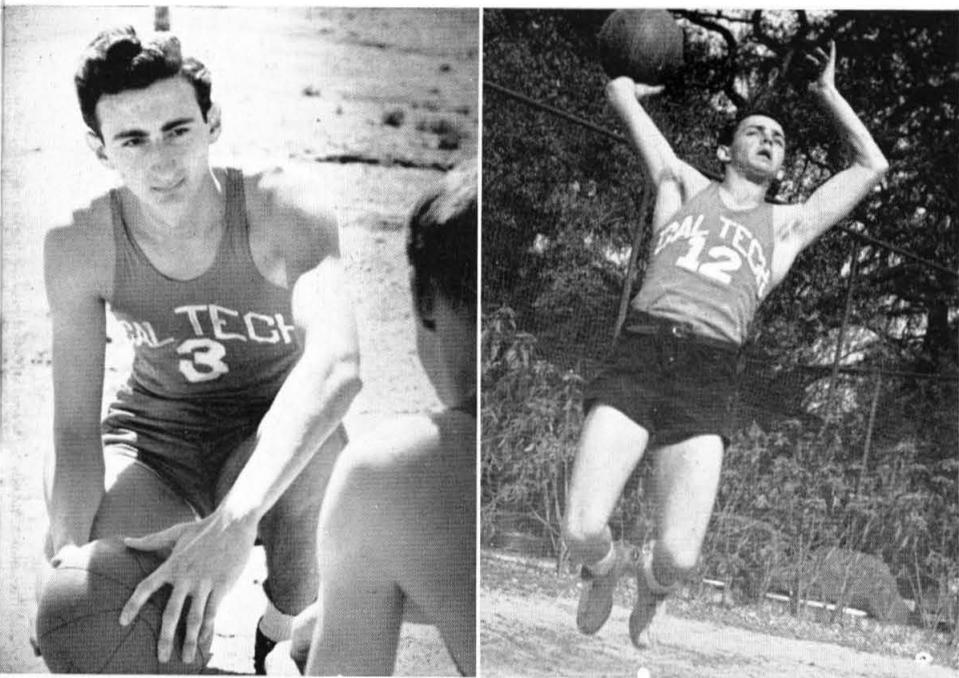
Journeying to Redlands the following Friday, the Engineers were beaten badly by the Conference champions, who were definitely "hot." The Engineers, on the other hand, exhibited poor ball handling and shooting and ended the game on the losing end of a 58-27 score.



LEFT: Stan Sohler, Herman Miller.
 ABOVE: Bill Chapin, Robert Nahas, Bill Fair.

On the next night the Bulldog champs came to Pasadena and were nearly beaten by a scrappy Engineer quintet which displayed some brilliant playing. The score at the half was 25-24. Shortly after the start of the second half, the Engineers received a bad break when Captain Bob Myers, who had scored 15 points up to this time, received a serious ankle injury which put him out for the rest of the game. Handed this stroke of luck, the Redlands outfit capitalized on the break and won, 49-38. With Bob Myers on the bench the following week, the Beavers played the ever-dangerous Whittier Poets and were soundly trounced 79-28. In the final game of the season, Oxy beat the Engineers 68-46 in a game which was featured by the high scoring of Bill Fair with 24 points.

B A S K E T B A L L



During the season the Engineer team was led by high scoring Captain Bob Myers. Lettermen for the year included Myers and Bob Nahas at center; Bill Fair, Bob Cooper, Chuck Strickland, and Bill Chapin as forwards; and Al Albrecht, Stan Sohler and Herman Miller as guards.

For the second consecutive year Bob Myers was selected as All-Conference center; the other selection from Tech was honorable-mention forward Al Albrecht. With five returning lettermen and several good frosh, the outlook for next year holds great promise.

Al Albrecht jumps center against Tweedy of Occidental, with Myers, Sohler, and Fair ready for action.



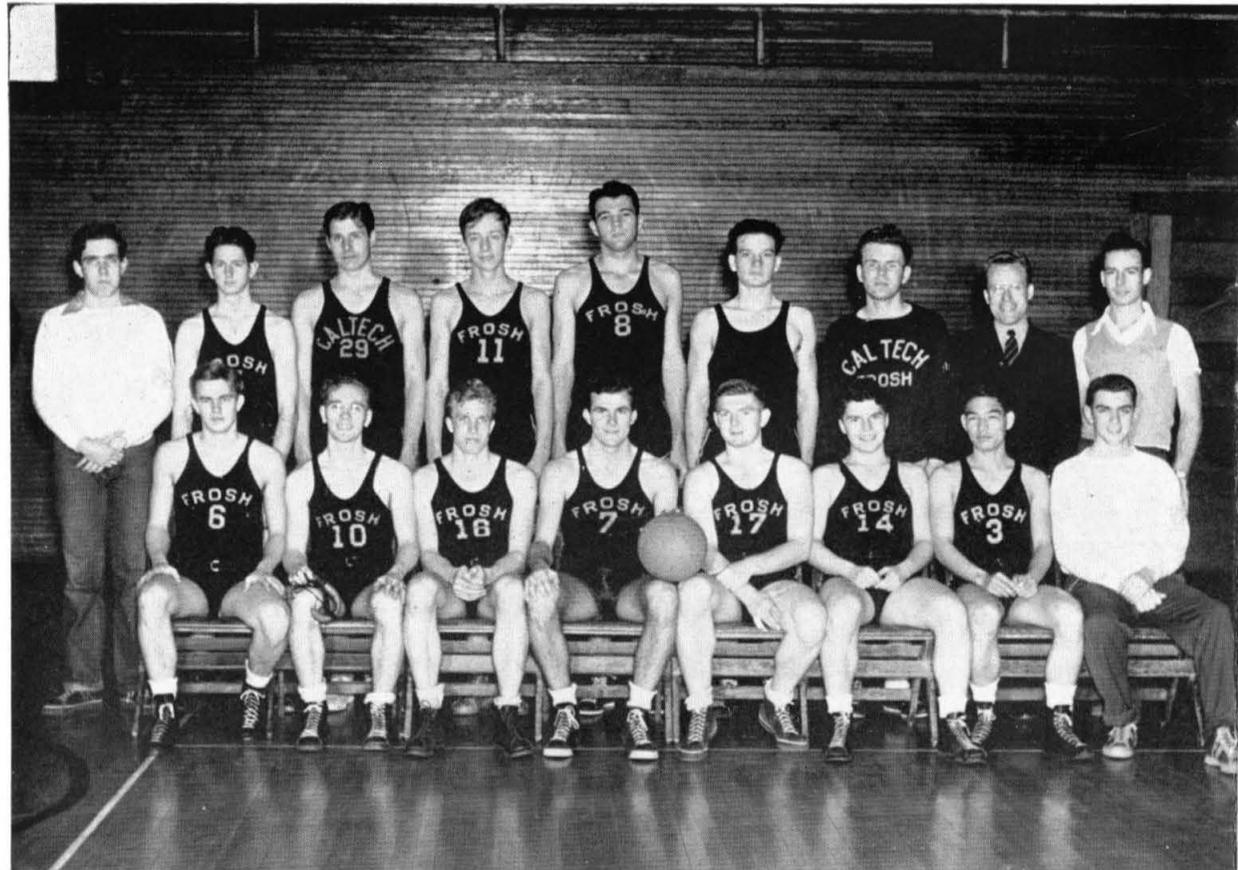
F R O S H S Q U A D

One of the largest turnouts in years indicated a good frosh basketball team could be expected by Coach John Price. During the season, the frosh showed flashes of championship form. With more consistent performance, they could have won the Conference title. Final standings placed the team in third position with three victories against four defeats.

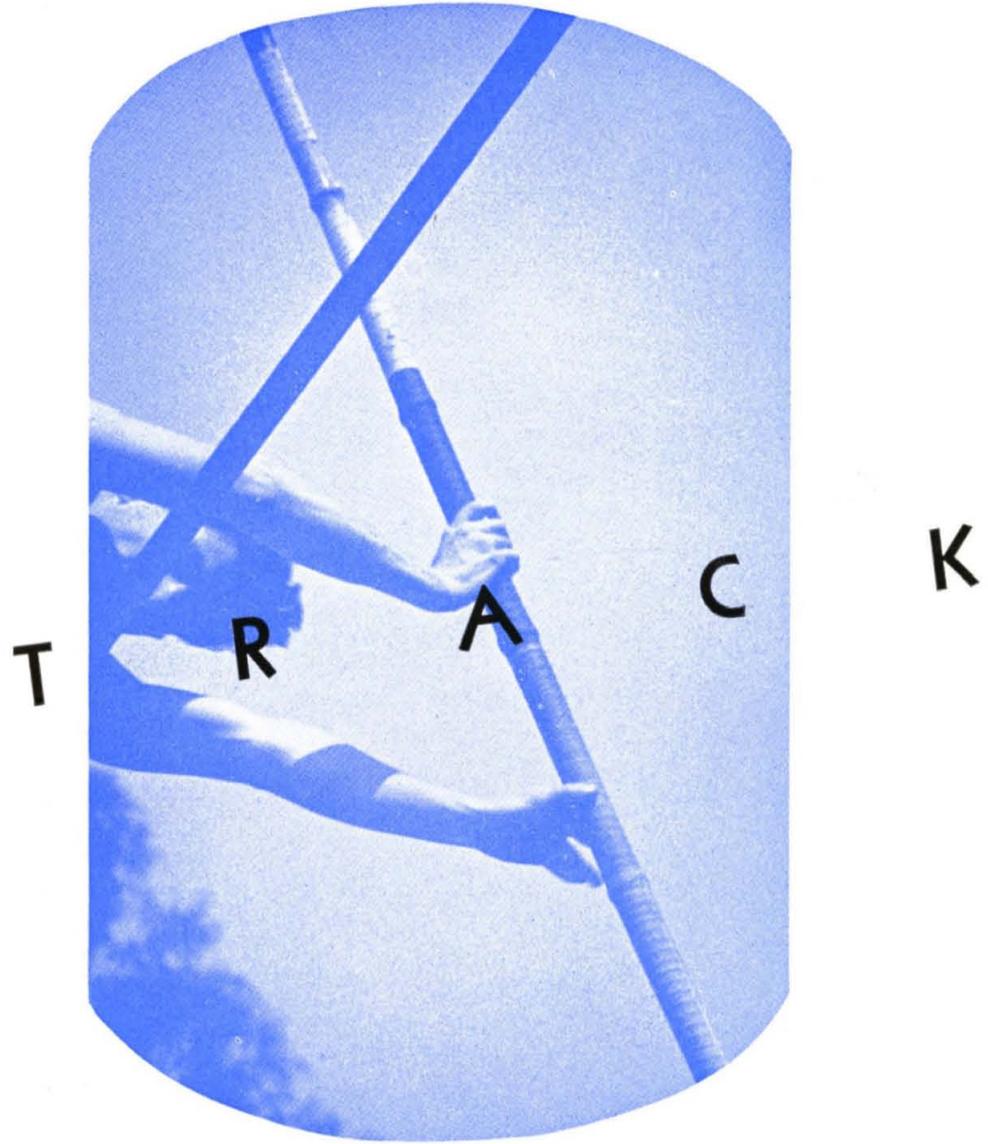
In the first game of the season, the freshmen's lack of practice and accurate long shots by Oxy combined to give Oxy a 39-20 victory. Tway Andrews scored 27 points in the next game to help defeat Pomona 43-36. Apparently encouraged by this victory, the frosh proceeded to take the measure of the Whittier team by 50-46.

On the following week-end, the Beaverbabes split a pair of games with Redlands, losing the first 51-25, and winning the second 45-41. Poor ball handling and little enthusiasm were evidenced by the frosh in the next two games when Whittier beat them 72-43 and Oxy beat them 76-33.

Numerals were awarded to Tway Andrews, Louis Gowans, Elmer Hall, Robert Lester, William Lundy, Harry Moore, Arthur Sakamoto, and Richard Seed. After the close of the season, Harry Moore and Tway Andrews were elected co-captains.



STANDING: Holser, Manager; Hall, Carson, Lewis, Ashley, Lester, Seed, Coach Price, Curtis.
SEATED: Gowans, Pritchard, Lundy, Andrews and Moore, Co-captains; Bussard, Sakamoto, Dodge,
Manager.

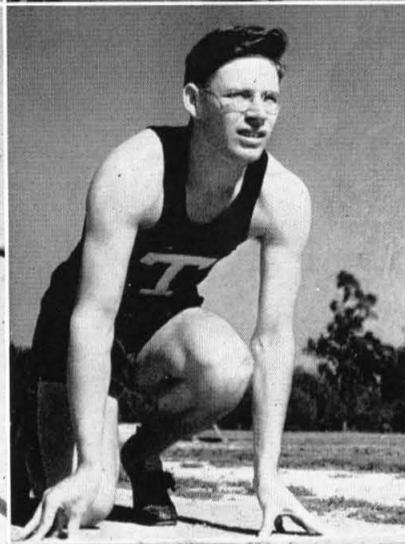
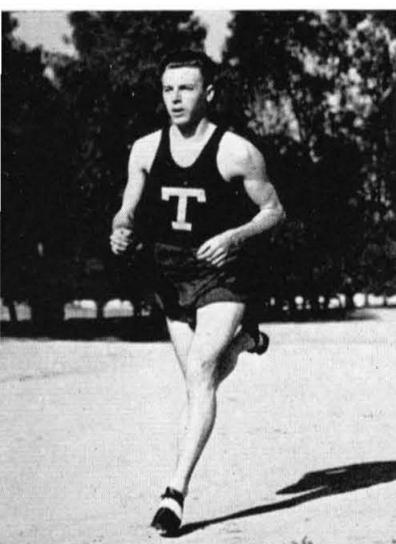


T R A C K A N D

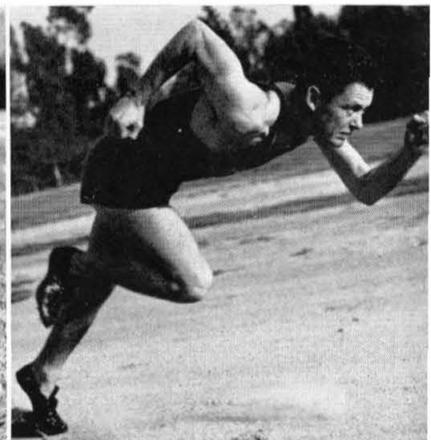
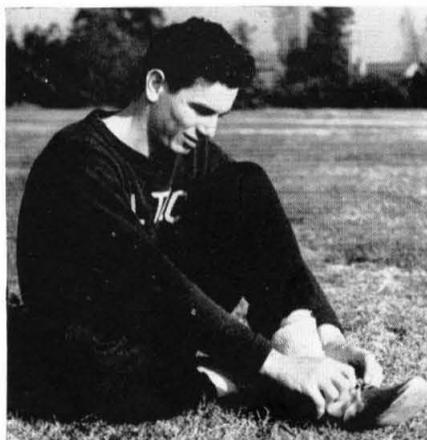
The small but powerful Beaver track team turned in a successful season this year in spite of adverse weather conditions. The combination of Captain Merritt Eusey and "Junior" Lind set a standard that their team-mates found difficult to equal. Other outstanding men on the squad were Dwain Bowen and Warren Proctor in the quarter, hurdler "Squeak" Gillette, distance team of Schneider, Rupert and Wahrhaftig, George Harr in the sprints and Bob Densmore in the half.

The Beaver's first encounter of the season was with Oxy and Whittier in a triangular meet held in Eagle Rock. The Beavers scored a 69½ to 61½ dual meet victory over the Tigers and just missed the triangular meet win by six points. Strong men Eusey, Lind and Elliott swept the shot-put while Wahrhaftig, Rupert and Jones did the same for the two mile. Bowen won the quarter in 51.2 seconds and Densmore gave Tech a first in the half. Outstanding performance was that of the relay team, winning a four-lap battle in 3 minutes 33.1 seconds to down Oxy.

In the College Relays the Beavers were a close second to Oxy with a score of 17 to the Tigers' 19. Vaughan placed third in the open javelin and frosh Alfred Saplis tied for third in the open high-jump. The varsity placed second in the novice mile, distance medley and four man 880. The frosh won the sprint medley and took a second in the four man half mile.



Stan Rupert, Ken Schureman, Steve Robinson, Don Potts.



Warren Proctor

George Harr

SEATED: Bruce, Schureman, Rupert, Potts, Anspach, Grote, Densmore, Harr, Wahrhaftig. STANDING: Managers Dawson and Brockman, Proctor, McDougall, Gillette, Lind, Schneider, Elliott, Willits, Captain Eusey, Coach Stanton.



The end of finals week saw the spike squad travel to Redlands without Lind and Vaughan. Fighting doggedly for each point, the Beavers were finally beaten 75 to 56. Upsets of the day were Grote's 23.0 two-twenty and Proctor's 51.7 second quarter. Other wins for Tech were Captain Eusey in the shot and discus, Harr in a 10.3 second hundred and Gillette in the low hurdles.

After vacation came the upset of the season when the favored Techmen were downed $66\frac{1}{2}$ to $64\frac{1}{2}$ by Whittier.



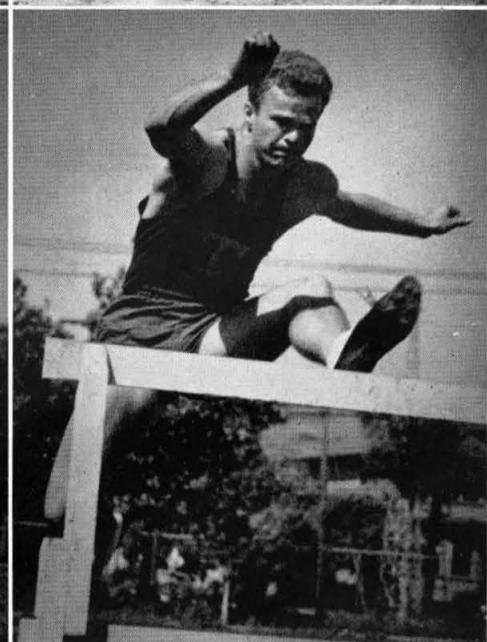
Tom Elliott

F I E L D

Turley outdistanced Vaughan in the javelin to win the meet for the Poets. Iron man of the day was Gillette who won the highs, lows and the broad jump to give him a triple win and a permanent job at broad jumping. Schneider turned in a winning mile to beat Scott in 4 minutes 39.6 seconds. Eusey took his first in the shot and Robinson won the high-jump. The relay ended in a dead heat between Potts and Timberlake.

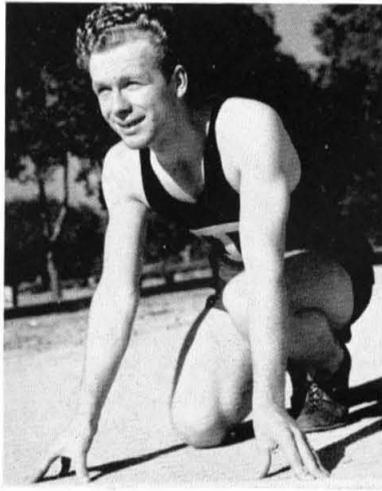
The Pomona meet saw the Beavermen bow before the Conference champs by 78 to 53. Lind stepped into the spotlight with a double win. Vaughan, Schneider and Rupert were the only other first place men of the meet. Rupert's time of 10 minutes 35.1 second was the low mark in the Conference for dual meet competition.

The season ended with Eusey taking the only Tech first in the Conference meet. Other men placing were Lind, Gillette, Schneider, Vaughan, Rupert and Wahrhaftig.

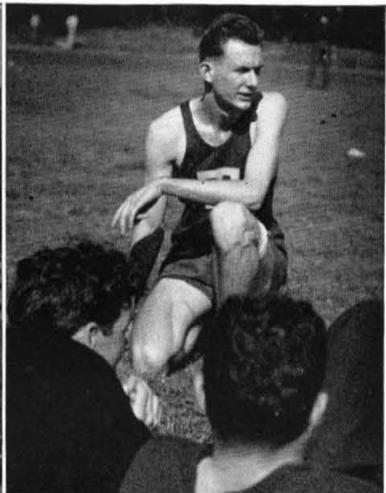


TOP: Over the first hurdle in the combined Oxy, Whittier and Tech meet. MIDDLE LEFT: Dwain Bowen, left, squeezes out a win in the relay to defeat both Oxy and Whittier in the triangular meet. (Note Oxy runner wore frosh shirt by mistake.) MIDDLE RIGHT: Far ahead of the pack, Clyde Wahrhaftig wins the two mile in the same meet. BOTTOM LEFT: Vaughan almost defeats Turley, conference javelin champion, in the Whittier meet. BOTTOM RIGHT: Gillette clears a hurdle in the Whittier meet, the day he surprisingly won the highs, lows, and broad jump.

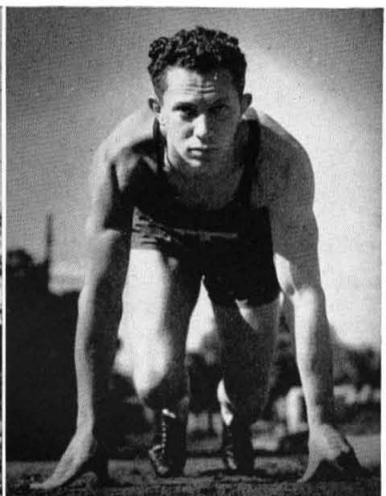
T R A C K S



Ken Anspach, Captain Merrit Eusey



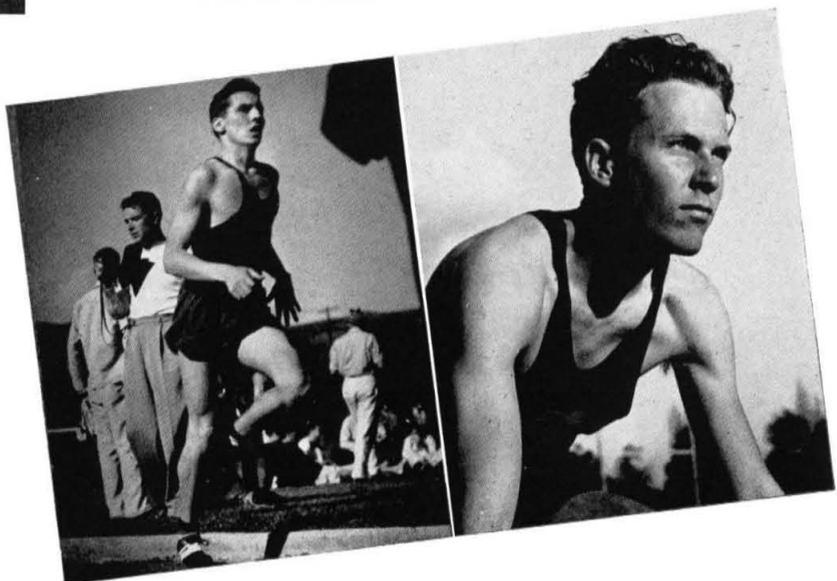
Bob Densmore, Dwain Bowen



Junior Lind, Ralph Willitts

Art Schneider, Al Grote

T E R S



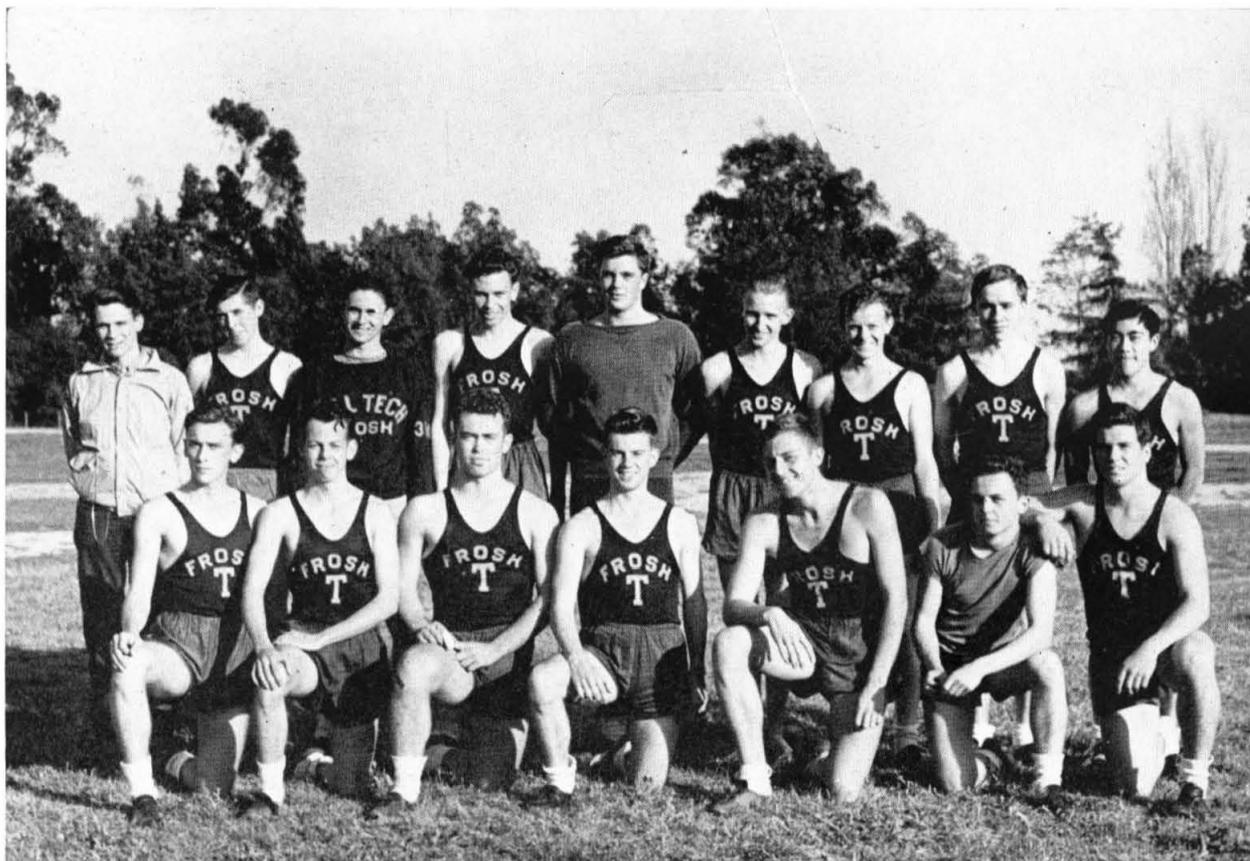
F R O S H T R A C K

This year's frosh cinder squad showed about the same strength as last year's team by placing third in dual meet competition as well as in the Conference finals.

The first meet was with Oxy. It was lost by the fateful one point, 66 to 65, which could have easily been secured had not several casualties weakened the team. In their encounter with Redlands, the frosh showed real championship material by winning 96 to 35. Alfred Saplis took five first places and Frank Booth succeeded in winning three events.

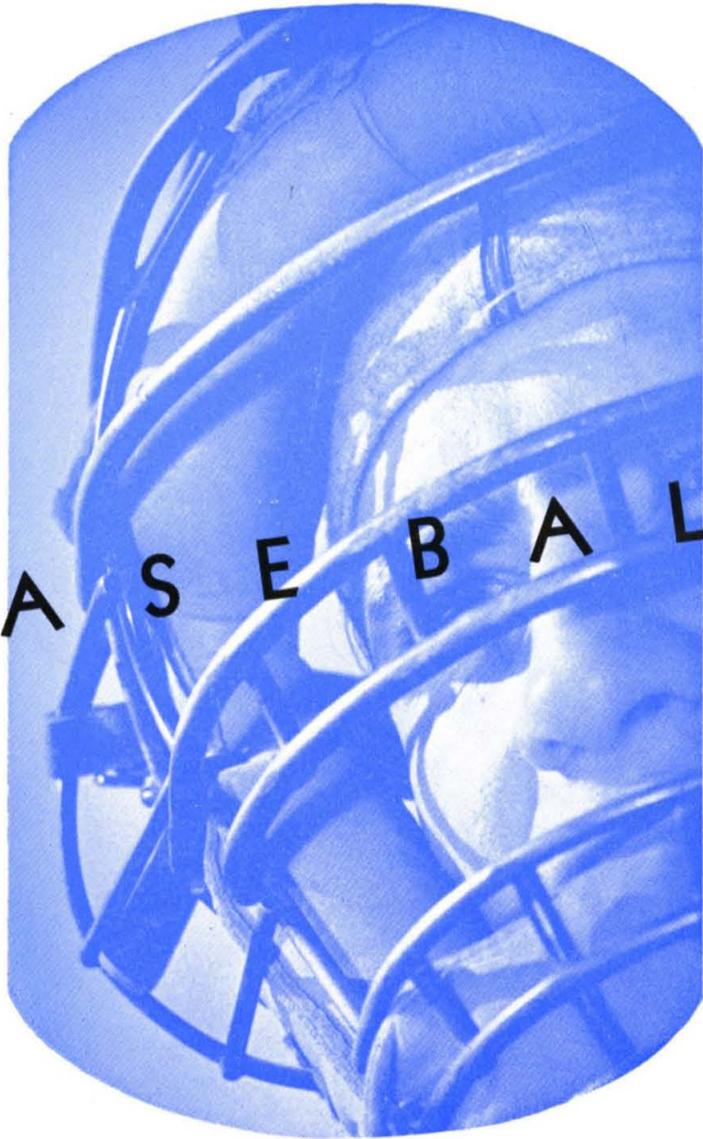
The Beaverbabes had a hard fight to win over Whittier by 68 to 61. Star of the day was Booth, who, besides winning the discus and javelin, set a new school frosh record of 41 feet 11½ inches in the shot-put. Riffenburg won the mile and the half while Odell copped the quarter in 54.0 seconds. The Pomona frosh showed their strength in handing Tech a 72½ to 52½ defeat. Though good showings were made by pole vaulter Prendergast, middle distance men Odell and Garst, and Saplis and Booth, the Beaverbabes lacked the all around strength to win the meet.

The Conference meet honors were taken by Booth winning the shot and discus. Other men responsible for Tech's third place were Prendergast, Odell, Saplis, Garst, Sameshima, Harland, Rea and Parks.



FIRST ROW: Riffenburg, Nevis, Smith, Martin, Rawn, Rea, Prendergast. SECOND ROW: Manager Wilkinson, Grant, Parks, Harland, Booth, Odell, Garst, Saplis, Sameshima.

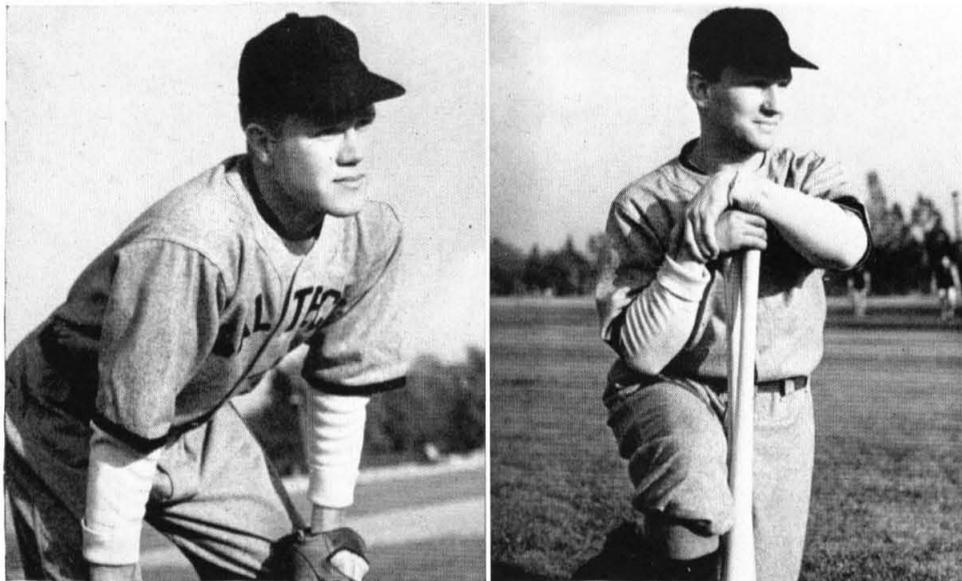
B A S E B A L L



B A S E B A L L



The varsity baseball team, though plagued by all-too-frequent rain and wet grounds, has very creditably represented the school again this year. The second record, incomplete as yet, nevertheless indicates that the Beavers possess one of the better teams in the conference. Indeed, if the team possibilities had been realized in a more consistent manner, the few defeats might well have been victories.



TOP: Bob Myers,
"Hank" Roese.
LEFT: Bob Bowles,
Bob Frost.

The team, captained by Glenn Billman, was again coached by the capable, hard working Hal Musselman. John Paulson and Stu Davis were the long suffering team managers and served in addition as a small but vocal rooting section.



George Meyer



BOTTOM: Coach Musselman, Reimers, Rhyne, Billman, Captain; Roese, Callaway, Silberstein, Corcoran. SECOND ROW: Paulson, Senior Manager; Strickler, Chase, Shonerd, Nevill, Porter, Frost, Myers, Bowles. THIRD ROW: Powlesland, Larson, Atkinson, Widdoes, Grimm, Macartney, Davis, Manager.

Eight returning lettermen, capable players up from the reserves, and promising frosh gave Tech perhaps the best material of the past decade. Though rains slowed down the practice schedule, Coach Musselman succeeded in welding together a winning combination which has finally hit its stride and promises to finish the season in a successful manner. The squad is made up of some twenty-five players of whom some fourteen have seen conference action.



Richard Silberstein

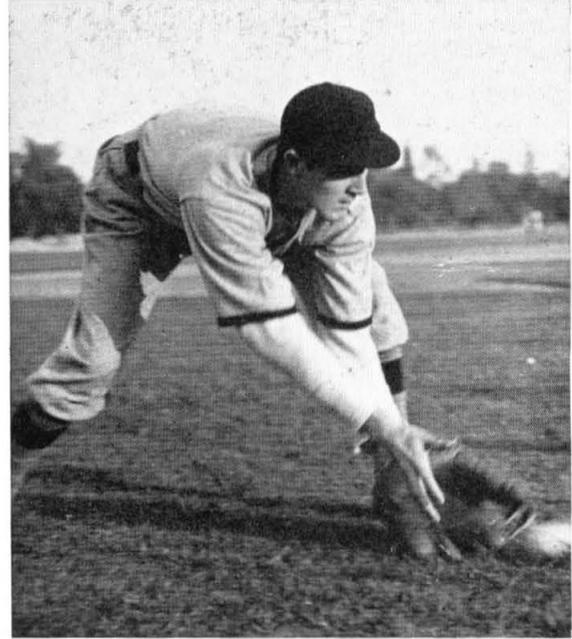
Batting power has been the outstanding feature of Tech play so far this season. The entire team has averaged .300 in conference play with Roese, Frost, Corcoran, and Billman hitting well over the .400 bracket. Callaway and Myers, the outstanding pitchers, are both effective, having held opposing batters well in check. Graduation, the nemesis of all athletic teams, will be particularly hard on Tech this year, for seven of the first team lineup will be lost to next year's squad.

With but two practice games in back of them, the baseball men opened the Southern California Conference baseball season against Redlands on Saturday, April 5, on the new Tournament Park diamond.

The double-header was marked by heavy hitting as the highly touted Redlands team defeated an unlucky but hard fighting Beaver team in both ends of the double-header 11-5 and 12-9. In the first game the Redlands nine was off to an early lead and won handily. However, the second game was a heart-breaker for Tech to lose as the Beavers held a three run lead until the last inning when Redlands pushed six runs across the plate to rob Bob Myers of a deserved victory.

The week after the Redlands series, Tech was to play Pomona but the double-header was rained out. So on Tuesday, April 15, Tech met and defeated the Sagehens in a nine inning encounter on Paddock field. In the first inning the Beavers scored eight runs which turned out to be the margin of victory.

With the Pomona encounter, the Tech nine began to hit its stride and on Saturday, April 19, split a double-header with Redlands on the Bulldog field. In the first game Coach Musselman's boys turned back Al Ellerman by a score of 5-2. The Beaver win ended Ellerman's eleven game winning streak of a year and a half duration. Callaway chalked up his second victory of the season. The second game was a different story as Redlands' hits were bunched and Tech's hits were scattered, giving the Bulldog nine a 6-0 victory.



Russ Rhyne



Captain Billman hurls a curve across the plate as Catcher George Meyer gives pitching signals.

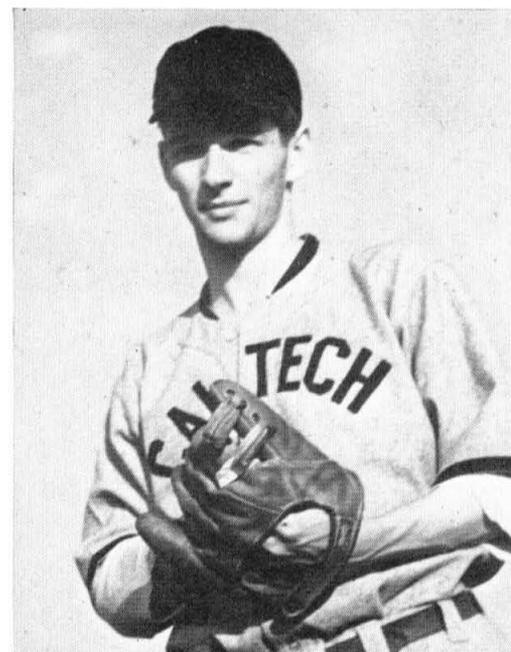


Livingston Porter

George Reimers
Bill Corcoran

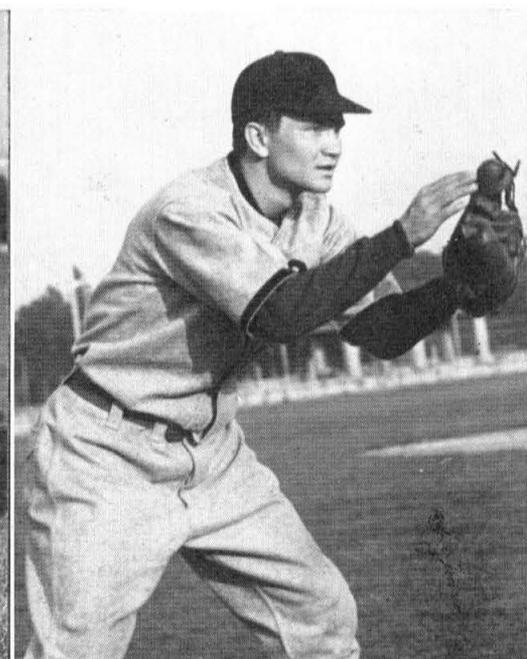
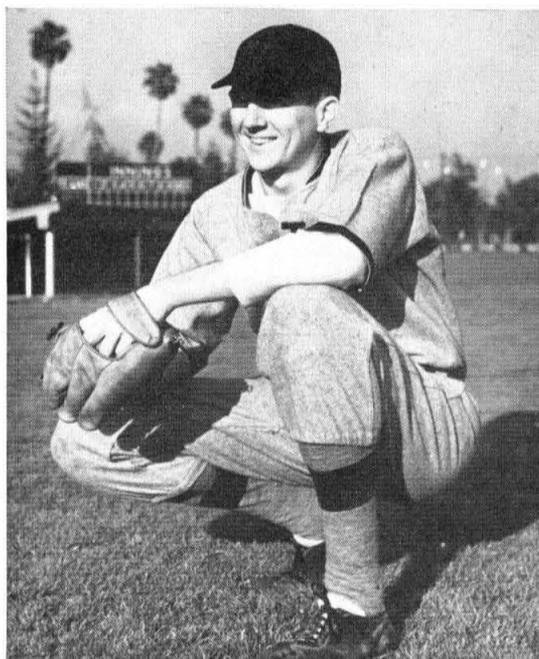


William Callaway
Captain Billman



After completing the double-header with Redlands, Coach Musselman found a first string that clicked and prepared them for the Oxy games on April 22.

Realizing their ability, the Tech nine set their guns for Occidental the following Tuesday, April 22. On Paddock field the Tiger squad went down to a double defeat of 7-3, 6-4. Callaway remained on top in the conference pitching race with his third win, and Bob Myers obtained a well deserved win. The conference championship breezed by the Oxy boys to the tune of the tattoo of the bats of the Beaver sluggers.



B A S E B A L L

F R E S H M E N

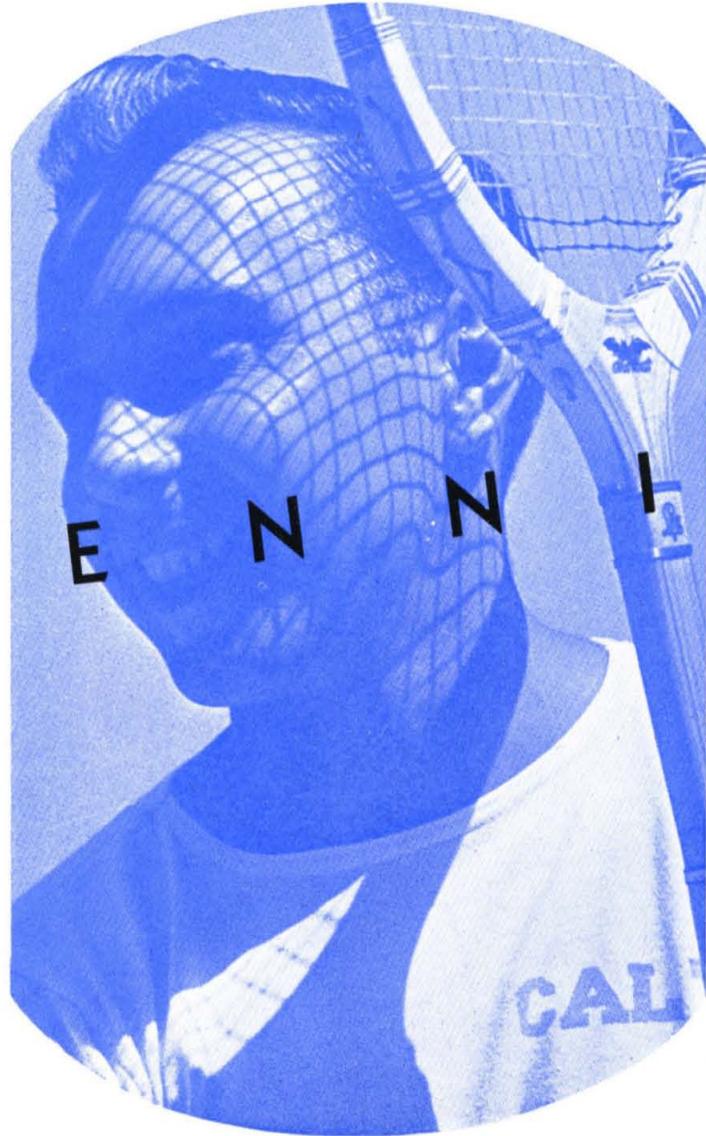
The 1941 frosh diamond squad had the fight that makes good teams, but lacked playing under game conditions. Under the able coaching of George Cooper, green and inexperienced material was molded into a playing aggregation. Opening the conference season against Oxy, the horsehidiers came out on the short end of an 8 to 2 count. Tech's defense was good, but they lacked the hitting power to produce runs. The second game found the frosh greatly improved, but still losing to Redlands on a 6 to 2 score. Weak hitting again proved the team's downfall. In the return engagement with Oxy, the Tigers produced a great scoring combination to defeat the Engineers by a score of 16 to 2. Two games remain on the schedule, and the Tech squad looks forward to a double victory.

Outstanding player on the diamond this year is the blond Hawaiian, Louis Gowans. Gowans, pitcher for the Engineers, has been the mainstay of the team, pitching four and five hitters in the two opening games. The other players who comprise the rest of the opening team are Harry Clark, George Holditch, catchers; Elmer Hall, first base; Don Pritchard, second base; Harry Moore, shortstop; Dick Seed, third base; Win Hughes, Leon Green, John Mason, Alfred Knudson, outfielders.



STANDING: Moore, Gowans, Knudson, Soike, Mason, Hall, Smith, Manager Lockett
SEATED: Hughes, Pritchard, North, Holditch, Froelich, Rattray, Clark.

T E N N I S

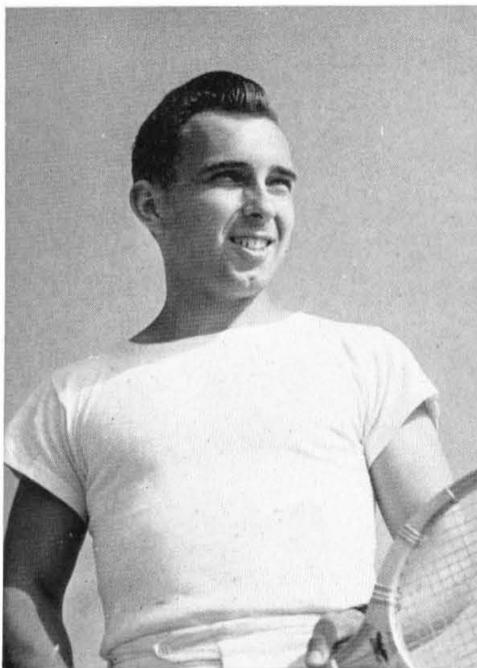


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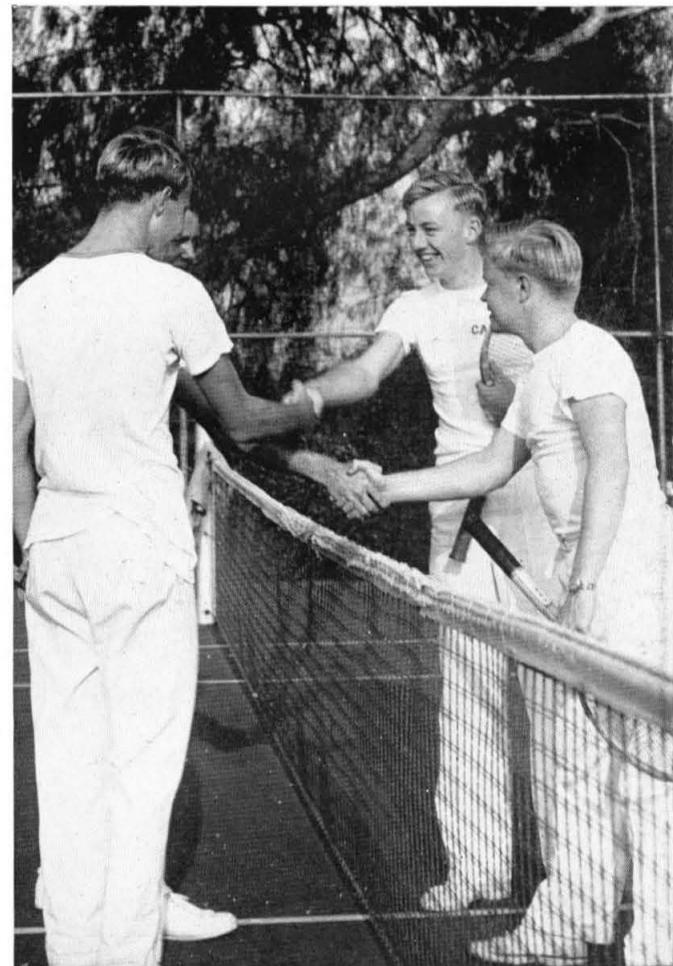
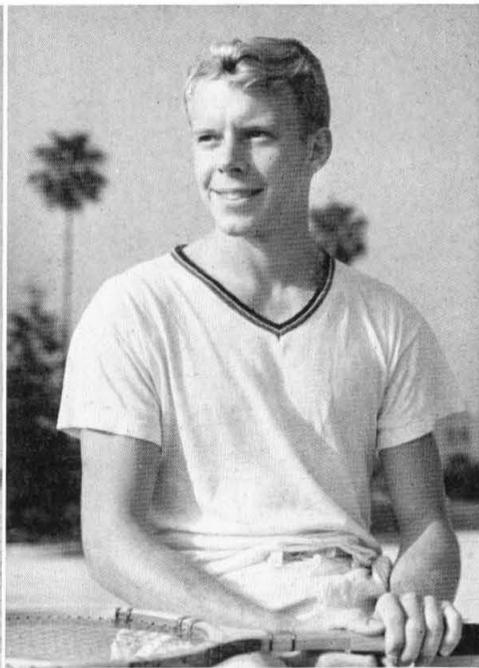
In a season badly delayed by wet weather, the varsity tennis team, under the leadership of Captain Norman Svendsen and Coach Joe LaSalle, continued to maintain its high conference standing by taking first round victories from Whittier, Pomona, and Occidental. This year the tennis squad, although suffering the loss of several valuable men, proved to be a well balanced unit capable of making a strong showing against all competition. Although the cancellation of nearly all the scheduled pre-season practice matches left the team virtually untried at the season's opening, the squad had little trouble in downing Whittier by the score of 8 to 1. A strong Pomona team came next and was subdued 5 to 3. The conference titleholders from Redlands followed and here the Beaver team was defeated in a hard fought match by the score of 7½ to 1½. Spurred by this loss the squad came back to defeat Occidental 6 to 3.

With half the season completed, the second round should see a duplication of the previous wins assuring at least a conference second place, with the strong possibility of tripping up the Redlands champions to tie for first.

Norman Svendsen



Paul McKibben

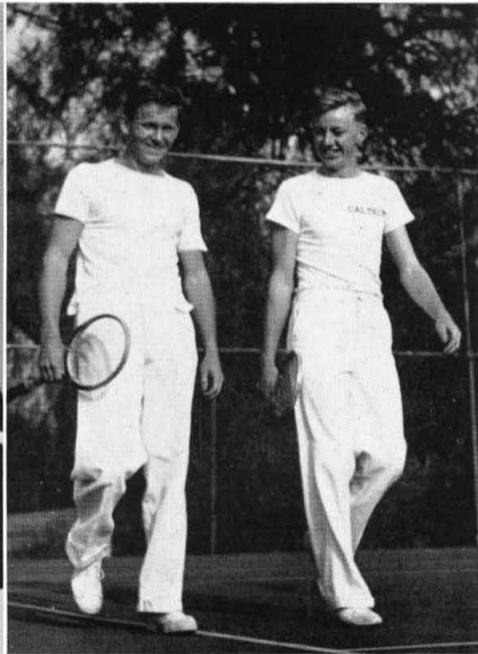




ABOVE: Coach La Salle, Strickland, Madley, Fisher, McKibben. BELOW: Svendsen, Allen, Lewis.



Joe Lewis



Sam Madley and Charles Strickland



Bob Fisher



Joe Rominger

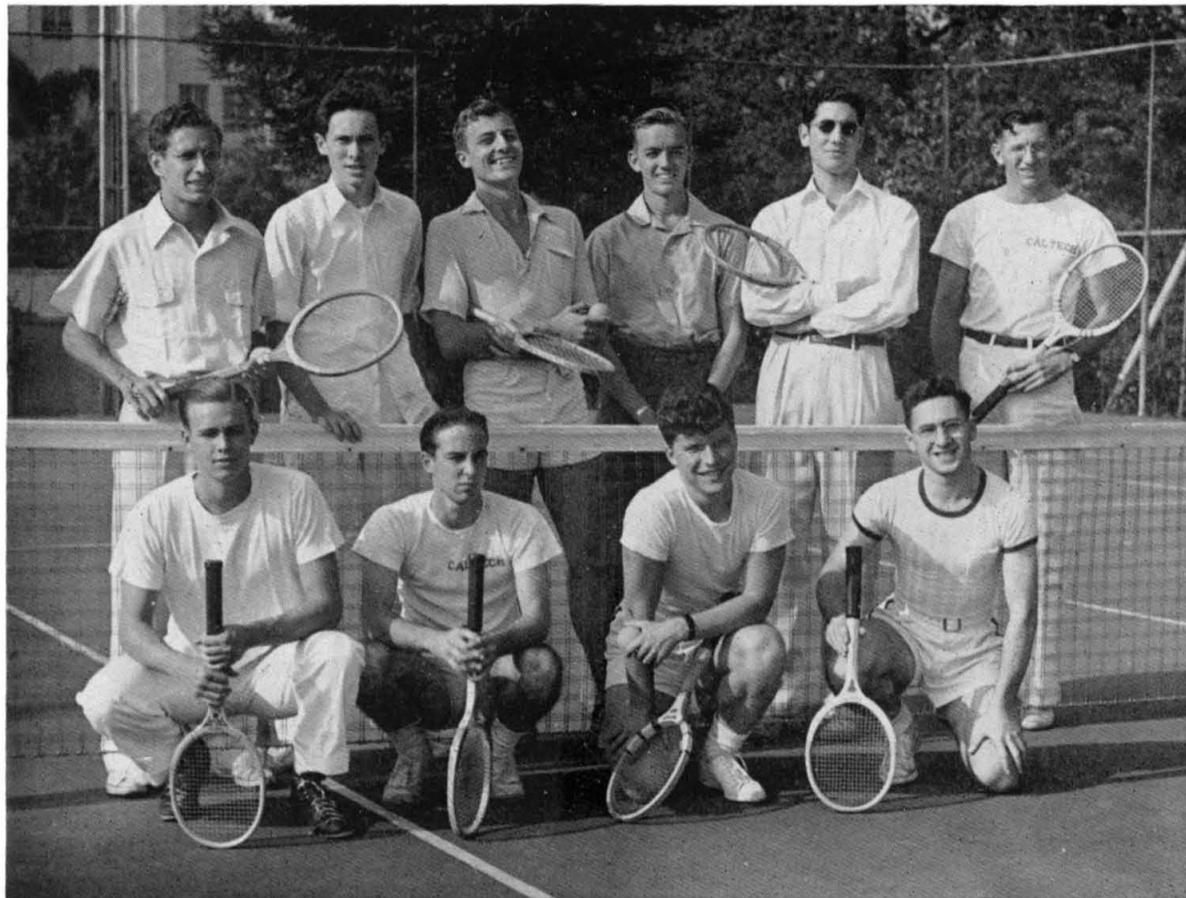
This year the squad was composed of seniors Norman Svendsen, Bob Fisher, Joe Rominger and Joe Lewis, who were strongly reinforced by Charles Strickland, Paul McKibben, and Sam Madley. These latter men will form a nucleus for next year's team which, it is hoped, will be strengthened by the addition of present freshman material.

FROSH NETMEN

This year's frosh team was notable not for the supremacy of any few men in particular, but for the consistency of all the players as a whole. No single man was responsible for the undefeated status of the team. Excessive rains caused the postponement of the match with Redlands and the second match with Pomona, but the other conference matches were won.

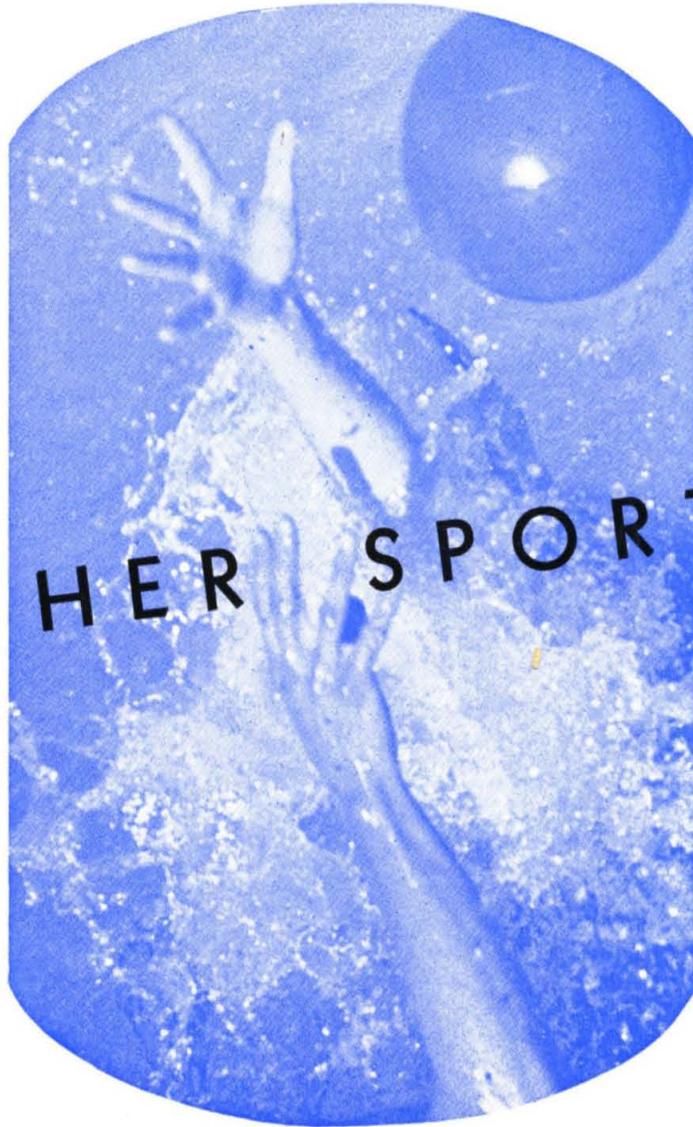
The freshmen started their conference schedule with a 5-4 victory over Pomona, and later duplicated this performance against Occidental. In view of the fact that Pomona had defeated the other members of the conference, it appears that the Tech frosh could have won the postponed matches.

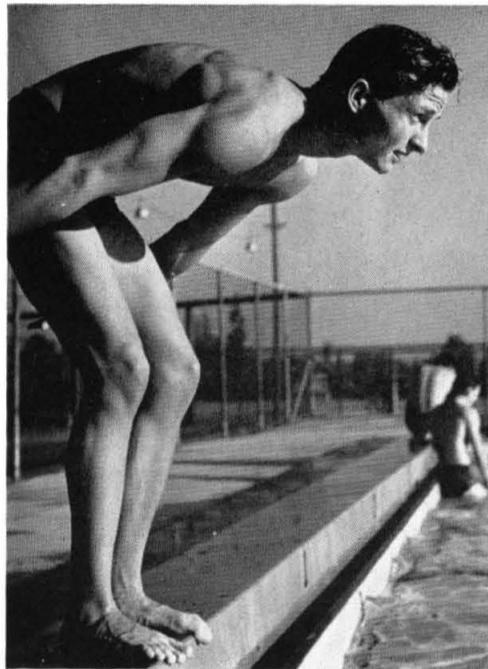
Joe La Salle, the varsity coach, took over the duties of coach this year, and was as successful as he has been with the varsity. Sid Stone, Hans Neutzel, Louis Gowans, and Willis Bussard occupied the higher steps of the ladder, followed by Jack Poindexter, Skid Fleming, Pete Rawn, and Tony Spaulding.



FRONT: Gowans, Spaulding, Bussard, Stone. BACK: Coach La Salle, Harbottle, Rawn, Poindexter, Fleming, Neutzel.

OTHER SPORTS





Vic Sturdevant



Dick Cox

Reuben Snodgrass

After decisive dual meet victories over Pomona and Occidental, the Caltech varsity swimming team, last year's champs, lost this year's conference title to Oxy on a heart-breaking, unjust technicality regarding free-style turns in the medley relay.

Captain Bob Merrick led the mermen without a loss in his event, the breaststroke. Holder of the conference record, Bob bettered his own mark this year. Besides his work in the breaststroke, he was credited with firsts in the 220, and is a member of the best 400 yard relay team the school has ever had.

Rube Snodgrass took charge of the swimming team and proved an excellent coach. He set a good example by his fine work in the fifty yard free style, and by his outstanding diving. Vic Sturdevant swam sprints this year, and was the leading 100 yard man in the conference. Taking over the distances vacated by Vic, Jim Harlan did very well and was overshadowed only by Scoles of Oxy in conference competition.

Besides Merrick, Tech boasted a fine breaststroke man in John Richardson, who placed a close second to Merrick in every race. In the backstroke, Dick Cox was beaten only by the record holding Trego of Pomona.

Although some of the powerful team is lost by graduation, great strength moving up from the frosh should keep next year's team at or near the top.

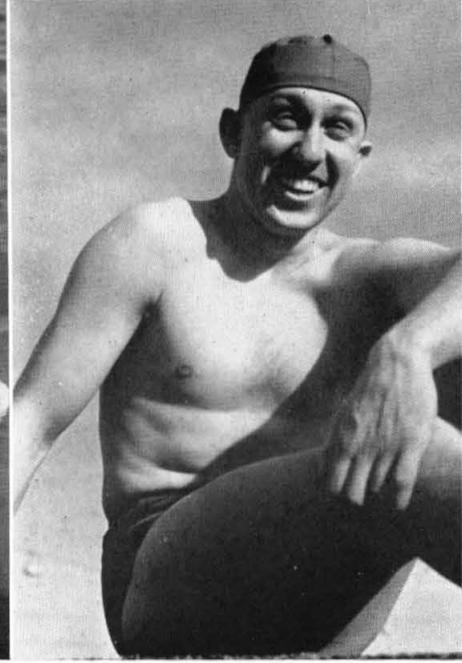
S W I M M I N G

Jack Dixon

Bob Merrick

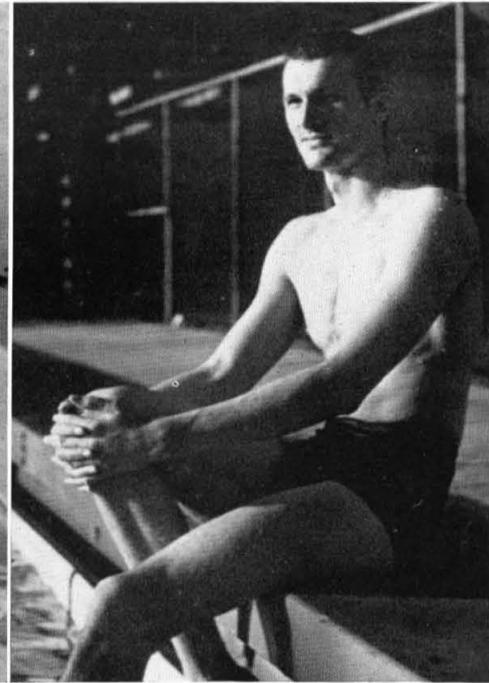
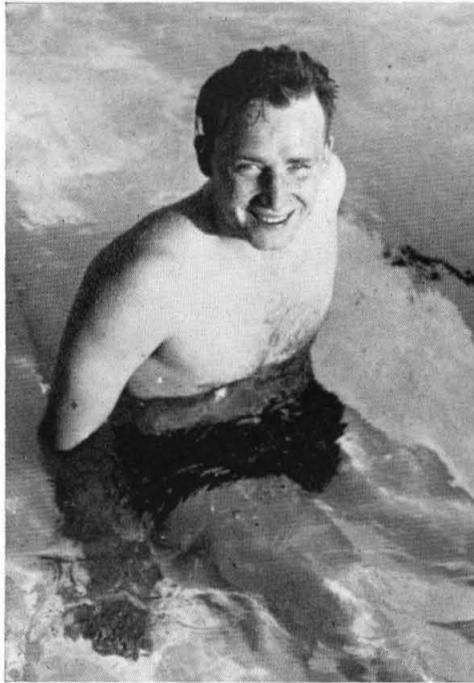
YEAR'S SCORE

Defeated by UCLA 51-23
Defeated Fullerton 32-43
Defeated by Compton 55-20
Defeated Pomona 23-52
Defeated Oxy 26-48



James Harlan

John Richardson



F R O S H

The freshman swimming squad has been the strongest in Caltech's history. John Byrd Nelson, the Kanaka from Honolulu, made conference history in the freestyle events. Twice he tied the 50 yard freshman record of 25.4 seconds. He swam the 100 in 56.4 and the 50 in 24.8 seconds to set two new records in the conference meet.

The relay team of Nelson, Jim Tuedio, Bud Olds, and Bruno Pilorz is capable of swimming the event in four minutes. This time is thirty seconds under the existing frosh standard.

Bud Olds, a promising backstroker, swam the 150 yard distance consistently under the school record, while Jim Tuedio proved himself the leading frosh distance swimmer in the conference. Bruno Pilorz placed second to Nelson in every meet.

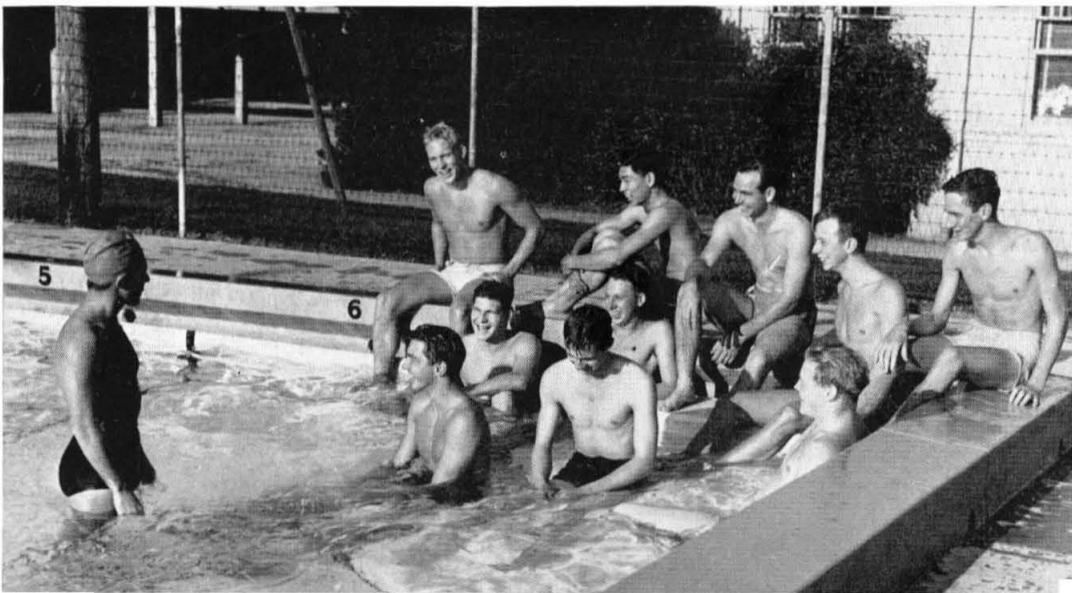
James McGruer and Art Sakamoto improved throughout the season in the backstroke and breaststroke. John Schaafsma, Joe Rosener, and Kirk Lewis all scored points in the freestyle events.

The frosh beat Pomona, 47-15, and Oxy, 39-33, and took the conference title.

Frosh racing each other in wind sprints



IN WATER: Coach Snodgrass, Rosener, Pilorz, McGruer, Tuedio, Brundred. BANK: Nelson, Sakamoto, Wakefield, Lewis, Schaafsma.





ON BANK: Coach Bradner, Bishop, Cox, Weller, Drake, Manager Giacomazzi. IN WATER: Snodgrass, Sturdevant, Merrick, Davis, Marshall, Campbell, Dixon.

Despite the necessity of traveling to P. J. C. to obtain the use of a swimming pool, the varsity water polo team completed a highly successful season. For the second time in two years the Conference championship was taken from Oxy with the decisive score of 8-3. Other victories for Tech were over the U. C. L. A. frosh (17-1), and the U. S. C. frosh (14-4). In addition, Tech lost by very small margins to the top-notch teams of Compton (2-5) and Fullerton (10-13), (6-8). Coaching was under the direction of Hugh Bradner.

Ralph Marshall came up from last year's freshman team to provide a valuable guard and to fill in the only vacant space in an experienced team. With the fast sprinting of Vic Sturdevant, the able captainship of Rube Snodgrass, and the experience of Bob Merrick, this year's team was a well organized outfit. Other lettermen were Campbell, Davis, Dixon, Drake, and Weller.

Although lacking in experience, the members of the freshman water polo team completed a very successful year. Playing a six-game schedule against more experienced teams, they succeeded in downing the U. C. L. A. freshmen team 6-5 and the Oxy freshmen 16-6. Adams, Barrett, Beek, Brundred, Nelson, Olds, and Tuedio received numerals.



Frosh Kane Barrett rises after the ball.

W A T E R P O L O

S K I C L U B

Being the largest non-restrictive club on the campus, the Caltech Ski Club has activities which are in proportion to its size. Organized in 1937, it has forty members, and is still growing.

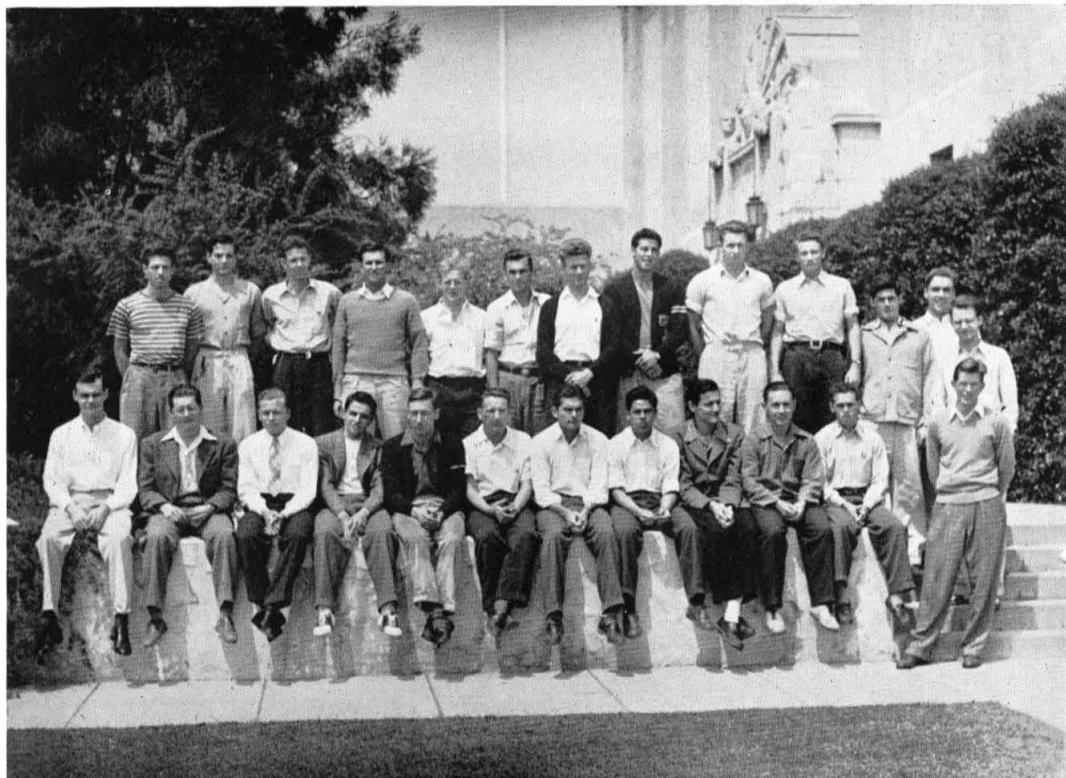
Again this year, the club sent a team to the P.C.I.S.U. meet at Yosemite as well as participating in a meet with P.J.C. There also was held an interhouse meet won by Dabney, Fleming coming in second.

The ski hut, started fall 1939, is as yet unfinished, though near completion. The hut, located near Keller Peak, will accommodate sixty persons and has been built entirely by club members. The nearness of the location has been valuable in providing a place for the team to practice as well as the recreational facilities it offers to all members.

The officers for the year were: Wilton Stewart, president; Ben Head, secretary-treasurer.



ABOVE: The almost completed ski hut.
RIGHT, SITTING: Hayes, Schauer, Barrow, Bishop, Woods, Giacomazzi, B. Head, Hunt, Hebenstreit, Schubert, Stewart. STANDING: Pichel, Ridland, Lingle, Steele, Brundred, G. Jones, J. Jones, Vaughan, Eusey, Rhoades, R. Head, Stone, Wallace, Bowlus.



STANDING: Douglas, Weller, Bartlett, Clarke, Grossberg, Kennedy. FRONT: Haymond, Johns.

As the annual went to press, the golf team surprisingly defeated Pomona 10 to 8 and won the conference championship at Midwick. This was one of the year's biggest sport upsets, since Pomona this year has defeated Stanford, USC and UCLA.



Following the trend of most minor sports, varsity golf drove through a very successful season and placed second in the conference tournament. Team strength came from the four returning lettermen and three of last year's frosh squad.

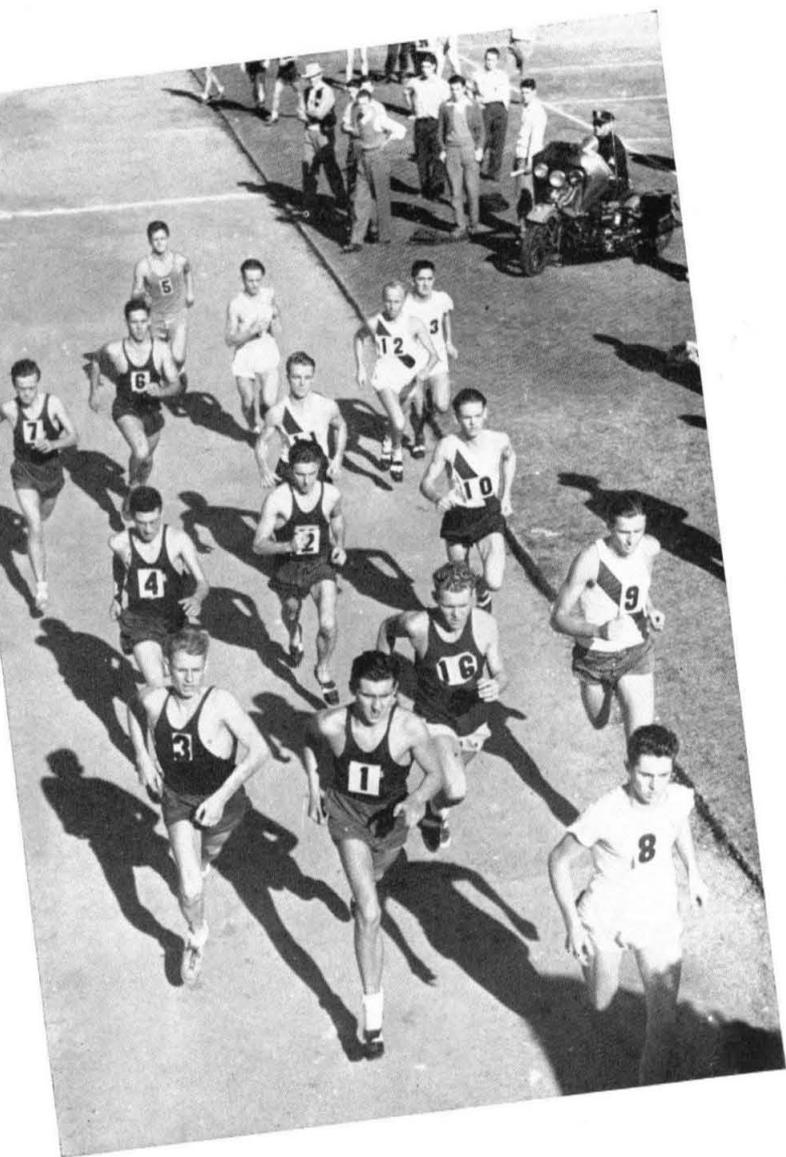
After opening the season with a practice match against U.C.L.A., the linksmen lived up to advance notices by tying a strong P. J. C. squad 9 to 9 and then sweeping through two victories over Loyola by scores of 12 to 6 and 16 to 2.

Links played in the matches were Midwick, Altadena, and Fox Hills courses. This year the conference tournament was sponsored by Pomona at the Indian Hills Country Club.

In most of the matches the team lined up with Bob Johns and Dexter Haymond in the number one doubles position. Arnold Grossberg and Bill Kennedy teamed together for second position. Captain Fred Clarke and Dave Douglas were the third doubles combination. Bob Johns proved to be Tech's outstanding golfer, consistently shooting in the seventies.

Prospects for next year's varsity team are even brighter considering the fact that two of this year's frosh team, Harry Moore and Greg Young, usually go around in about seventy-five.

G O L F



Start of Conference Meet: Captain Schneider (1), Rupert (2), B. Densmore (3), Wahrhaftig (4), Johnson (5), Jones (6), Merritt (7), Redland's team: Heaton (8), Fawcett (9), D. Densmore (10), Harrington (11), Pueschel (12), Constance (13), Swift (14), Oxy entry: Ocason (16).

Harland, Odell, Garst, Lundy, Grant, Sameshima, Saplis, Riffenburg.

Conference champs during the fall term were Doc Hanes' frosh and varsity cross country teams, both completing their seasons undefeated and untied.

Foregoing the traditional meet with Oxy due to the latter's inability to field a team, the harriers opened their season with the varsity edging out a tough Pomona team 26-29 on the Rose Bowl course. The same afternoon the Beaver frosh walloped the Sagechicks 19-48.

The Engineers scored another double victory two weeks later when the varsity downed Redlands 25-30 and the frosh won by forfeit.

Both teams closed their seasons by winning the conference meet at the Rose Bowl, the varsity barely nosing out Redlands 30-32 and the frosh sweeping the field with the only complete team entered.

With only two seniors graduating and a powerful frosh outfit coming up, prospects are exceptionally bright for next fall.



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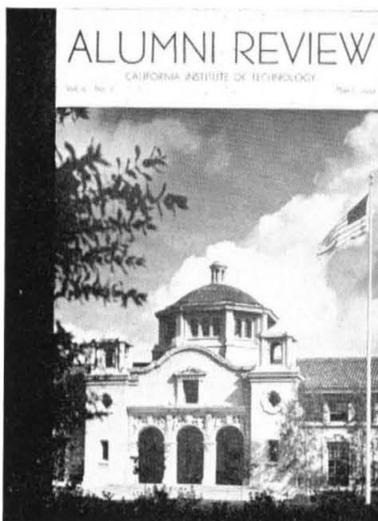
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Sincerely,

Loys Griswold
President.



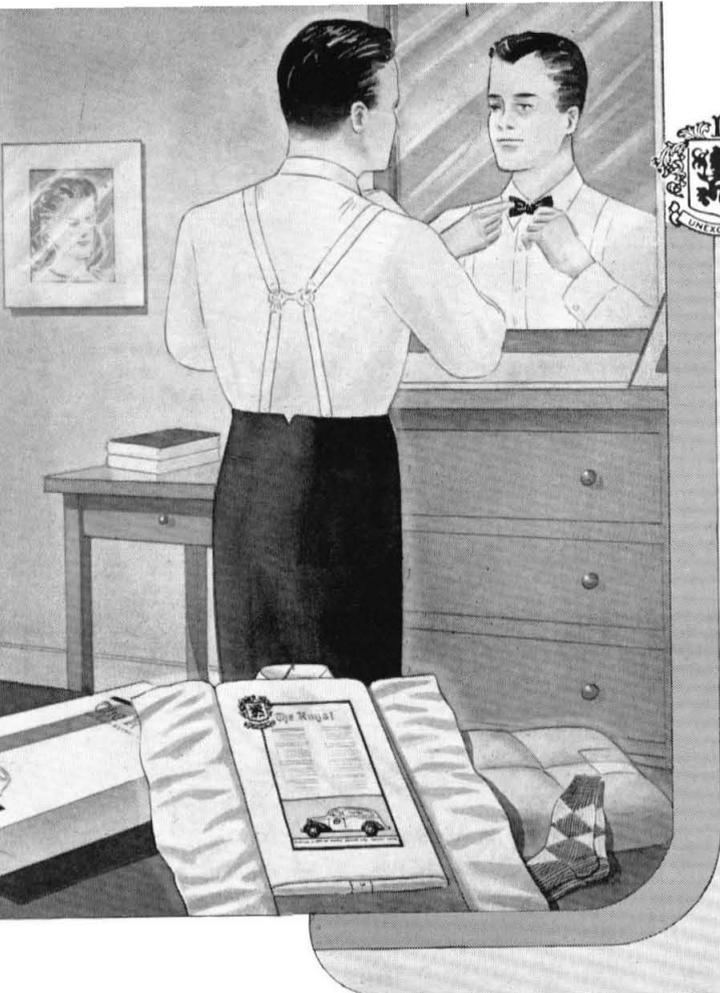
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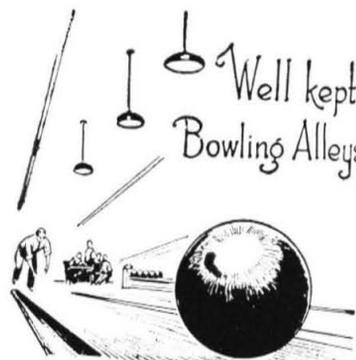
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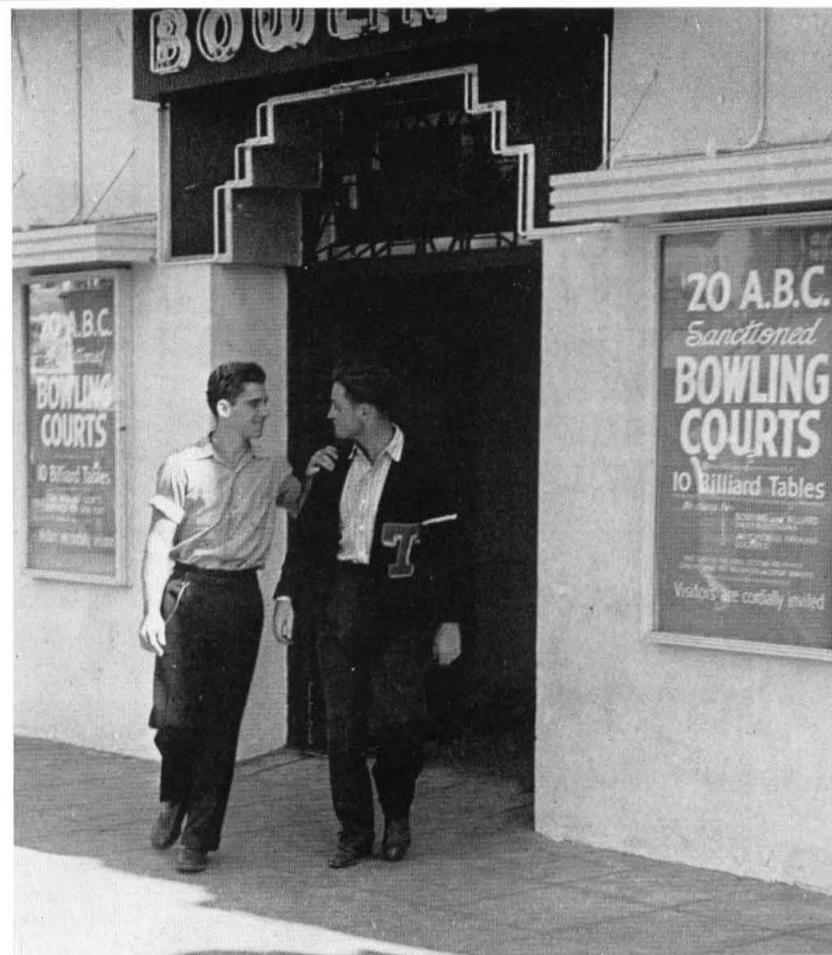
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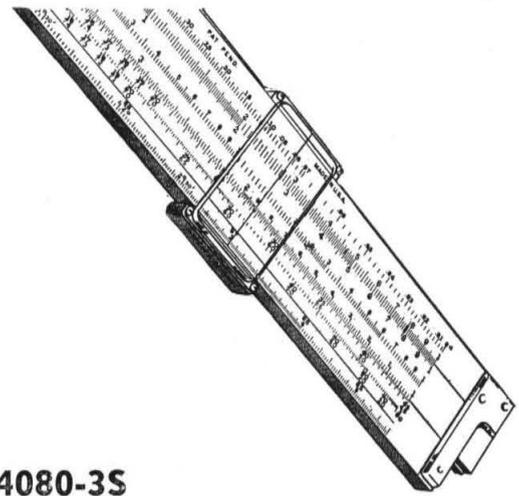


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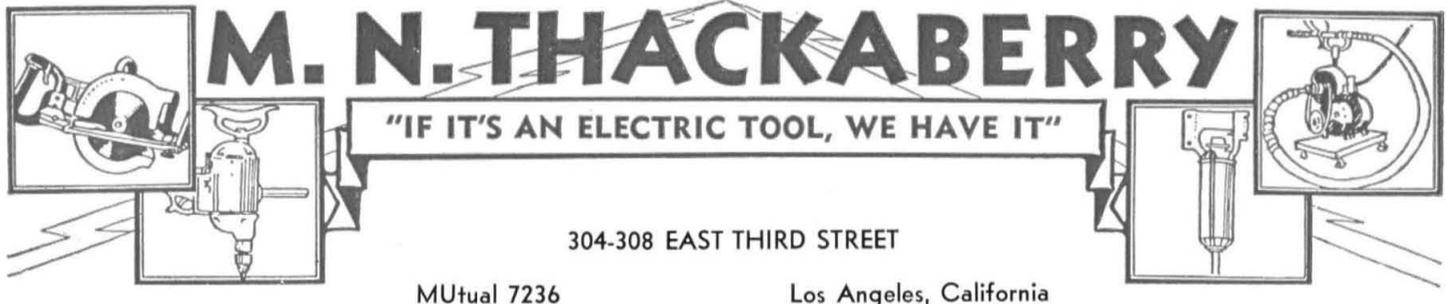
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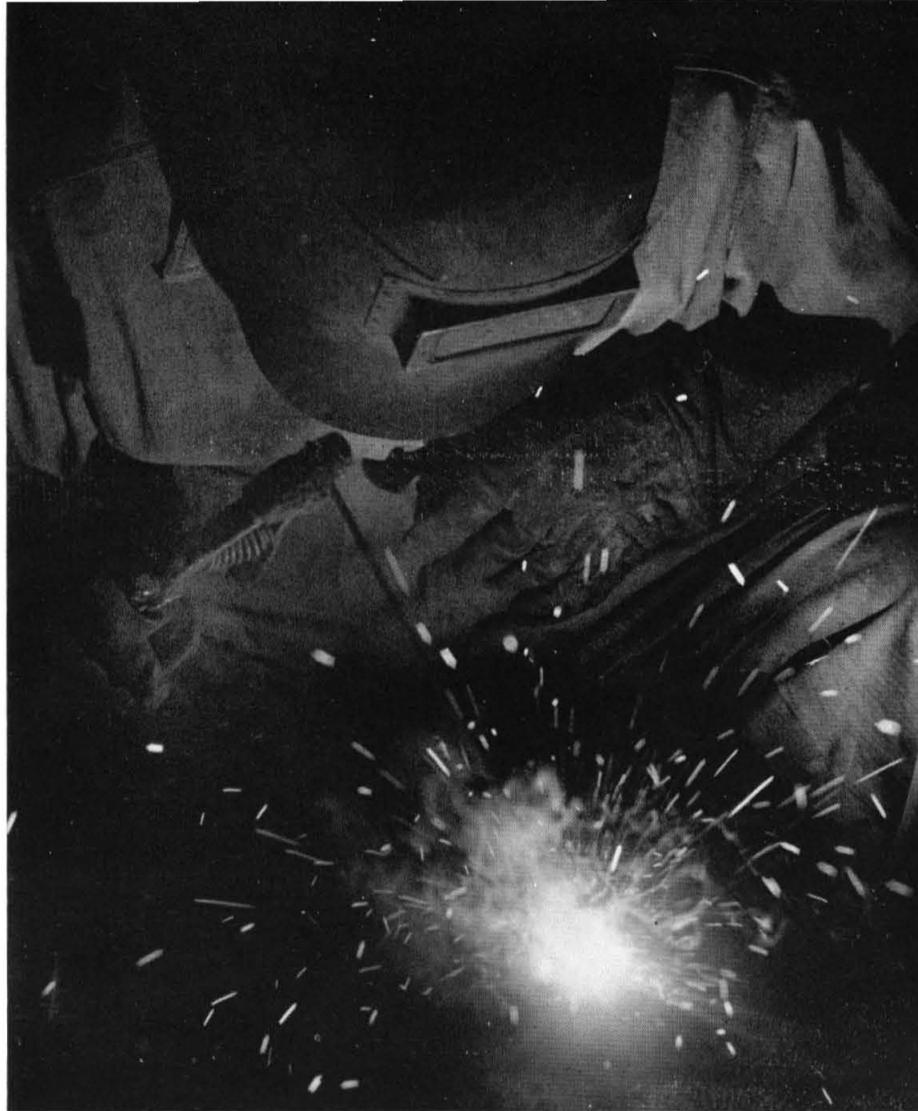


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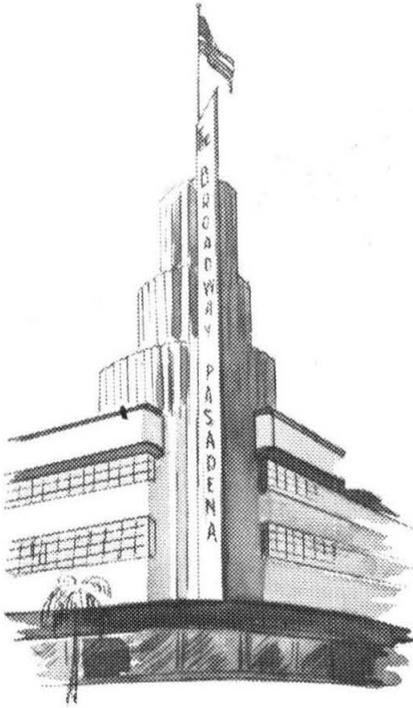
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