

EVENTS IN THE COUNTIES BORDERING ON BAY OF SAN FRANCISCO

TEARS OF BLOOD SHED BY LIZARDS

Scientist Reveals Traits of So Called Horned Toad of California

Ability to Bore to Freedom Through Reptile's Side Demonstrated

[Special Dispatch to The Call]

BERKELEY, Dec. 18.—A creature which weeps tears of blood and which, when swallowed alive by a rattlesnake, can bore its way to life and freedom through the reptile's side, is described by Dr. Harold Childs Bryant of the University of California in a remarkable treatise on the horned toad or lizard found in California and Nevada.

The paper was issued today from the University Press. It is declared by the university authorities to be the most comprehensive study of the horned lizard ever written, and it has made a change in classification of one species of the animal, which is highly important to zoologists.

The reclassification by Bryant consists in taking a species out of the genus Phrynosoma and referring it to the genus Aotia. His reason was supplied by a peculiarity of skull of the species, which, he ascertained, differs from others in that its horns are processes of the epidermis or outer cuticle. This species annually sheds the horny part of its skin, a fact hitherto unknown.

Bryant has studied the horned lizard for several years. He tells that the creature is found in Mexico, California, Kansas, Oklahoma, Texas, New Mexico, Arizona, Utah, Washington, Oregon, the great plains and the Rocky mountains. Twenty recognized species are in the southern part of the United States. Not only scientists, but travelers and explorers have wondered at the odd creature. Calvergo in his "Historia del Mexico," is one of the writers who told of the horned lizards, describing a Mexican form.

Among the curious phases of the subject which Bryant details is the peculiar habit of the creature in ejecting blood from its eyes, a common trait, but an unexplained one. He has also confirmed the Indian tradition, that the horned lizard could escape from the stomach of the rattlesnake. Bryant tells of snakes being found with the heads of horned toads projecting through the body wall, or with the horns caught in the throat of the serpent.

Another peculiarity of the horned lizard is that it can be hypnotized, and that it plays possum admirably. He writes:

"A peculiar habit of playing 'possum' is often seen, the lizard remaining perfectly still as if dead, but darting away at the first opportunity for escape. An interesting reaction is seen in the hypnotic effect produced by rubbing the animal on top of the head and between the eyes. Under such treatment the lizard turns its head down, closes its eyes and apparently goes into a hypnotic stupor. Pinching it with tweezers or placing it on its back, a treatment it highly resents in the normal state, fails to awaken it. In some cases specimens remain in such a stupor for five or ten minutes. The first sign of awakening is usually evidenced by the slow opening of the eyes. This habit may be playing 'possum,' but it is probably more in the nature of hypnosis such as is produced on birds when held for a time on their backs. This phenomenon offers a field for further study."

Protective coloration—A phenomenon of the animal realm in which Theodore Roosevelt and other naturalists have written extensively. This habit may be as displayed by the horned toad, Bryant writes that these animals actually change color, chameleonlike, but that the change is slow, requiring from 24 to 48 hours. It is brought about by a transfer of pigment outward or inward through the branches of the melanophore or color centers. A complex nervous mechanism governs the change. With regard to defense, Bryant asserts that the horned lizards depend almost entirely on frightening their enemies, the most methodical of which is the roadrunner and the rattlesnake.

BERROWS UNDERGROUND In winter the horned toad hibernates in rodent holes or burrows under the ground. Some species, he says, lay eggs, while others bring out the young alive. The eggs are deposited in sand in numbers from six to 14, and require a few hours or several days for hatching, depending on the species. They are from 15 to 20 millimeters in length, and covered with a tough, semitransparent membrane.

For food the creatures have insects. Of the feature of protective coloration Bryant contributes this to what is known of the subject as demonstrated in horned toads:

"The group presents a very remarkable example of protective coloration, those horned toads found in the black lava belt being almost black, while those from the white sand of the desert are very light in color. The black circles about the head is of great value in protecting the animal."

The author of the paper is a graduate student in zoology at the university.

PIONEER OAKLANDER, A VETERAN, IS DEAD

Thomas F. Flynn Served in the War of Rebellion

OAKLAND, Dec. 18.—Thomas F. Flynn, a pioneer resident of Oakland and a veteran of the civil war, died in this city yesterday after a short illness. He was a native of Massachusetts and 65 years old.

Flynn is survived by four sons, John T., James F., a corporal of the Oakland police department; Joseph W., and Henry A., Flynn, and two daughters, Mrs. Ed. Mowin and Mrs. L. Nonnenman. The funeral will be held Wednesday morning at 9:30 o'clock from McManis & Freeman undertaking parlors, Seventh street and Castro. A requiem high mass will be celebrated at St. Francis de Sales church. Interment will be in Holy Cross cemetery, San Francisco.

Albert Schneider, One of Actors in Club Pantomime



PASSING OF PAGAN YULETIDE IS THEME

Hillside Members Hold Annual Christmas Ceremonial in Picturesque Setting

BERKELEY, Dec. 18.—The annual Christmas ceremonial of the Hillside club was held this evening, with a picturesque setting of the clubhouse at Arch and Cedar streets. Members wore their robes, resplending in gowns with hooded heads and long draperies.

The chief event of the ceremonial was the presentation of a ritualistic play, depicting the blending of the old pagan yuletide with the Christian Christmas. Dr. A. S. Eckle read the narrative, while the following presented the story in pantomime:

Pagan priest.....M. E. Dempler
Principal chief.....Prof. A. Schuler
Principal chief's wife.....Mrs. Gaston Strauss
The two children of the principal chief.....Miss May Higgins and Garret Young
Traveling warrior who returns from Rome.....Dorsey Ash
Two slaves of the principal chief.....Mrs. J. M. Scott and Mrs. M. Scott
The chief's daughter.....Mrs. E. A. Blockman
The chief's wife.....Mrs. E. A. Blockman
The chief's son.....G. S. Quick
The chief's daughter.....Mrs. E. A. Blockman
The chief's wife.....Mrs. E. A. Blockman

ALAMEDA HIGH WILL GRADUATE BIG CLASS

Exercises to Take Place in the Methodist Church

ALAMEDA, Dec. 18.—The list of the students, who will be graduated from the Alameda high school Friday night was given out today. The successful ones are:

COUNCIL FROWNS ON FEAST FOR PRISONERS

General Pilgrimage to Jail for Christmas Feared

OAKLAND, Dec. 17.—A resolution introduced by Commissioner W. J. Bacus to appropriate \$25 for the purchase of turkey and the other accessories of a Christmas feast for the city prisoners was voted down by the council following the opposition of Commissioner of Public Health and Safety F. C. Turner, who stated that the feast would be an inducement for every vagrant and habitual offender in the city to break into the city prison. A special dinner will be given to the "chain gang" at the city quarry.

GRANDMOTHER SEEKS TO ADOPT GRANDSON

Says Father Shows No Interest in Child

OAKLAND, Dec. 18.—A petition to adopt her grandson, John Martin Ernst, was filed today by Mrs. Rosella W. Ernst. She said that John Ernst, father of the boy, had shown no interest in him. Ernst and Mrs. Ernst's daughter, Katharine Ernst, were secretly married while high school students. She secured an interlocutory decree of divorce for cruelty and the custody of the boy, but died shortly after the decree was granted, and young Ernst has since been with her mother.

INSPECTOR HODGKINS LOSES SON BY DEATH

Child Falls Victim of Spinal Meningitis

OAKLAND, Dec. 18.—Melvin Clair Hodgkins, 9 years old, the son of Inspector of Police St. Clair Hodgkins, died today at the family home, 554 Twenty-fourth street, from spinal meningitis. Funeral services will be held Wednesday afternoon at 2 o'clock at the Hodgkins residence.

ARCHITECT HAS MANY AFFECTIONS

Wife, in Suit for Divorce, Objects to Scope of Husband's Affections

OAKLAND, Dec. 18.—Love too widely distributed was the accusation by which Mrs. Ida S. Bolles sought a divorce from E. C. Bolles, an architect of San Francisco today. She said that fresh revelations along this line coming to notice from time to time had greatly humiliated her. Mrs. Bolles also said that she had returned from a hospital too soon after an operation and that her resumption of housework caused her great pain.

Prevented from beating his wife, Edward J. McDougall was charged with turning on his wife's mother and giving her a blow in the face that smashed her glasses and cut her cheeks, according to a complaint for divorce filed by Mrs. McDougall today. Mrs. McDougall said that he had called her names and had beaten her on many occasions.

Smashing a framed wedding certificate with a hammer and refusing to call a physician when their daughter was ill were charges against Franklin Mark by Laura Mark that won her an interlocutory decree of divorce today. Estelle C. Halsey said that her membership in two Alameda clubs drew scornful remarks from William Mark, and that he told her that the clubs were no good. She said that he tried to choke her.

Interlocutory decrees were today given in three cases involving charges of cruelty, and to Frank Reeder from Emma and to Minta F. Brenner from B. F. Brenner for desertion.

AUTO JUMPS BANK, INJURING COUPLE

OAKLAND, Dec. 18.—Dr. C. R. Nelson and his wife of 1353 Grove street were seriously injured about 11:30 o'clock last night, when their runabout plunged over a 10 foot embankment at the junction of Mira Vista and Valle Vista streets, Piedmont. Both were pinned under the machine, which turned turtle and landed bottom up.

The Nelsons were running down Mira Vista when the brakes failed and they plunged over the embankment by heavy chains strung from stone pillars. Doctor Nelson, when he saw the turn in the road, applied the brakes, but they gave away and the machine was carried over the embankment through the guard chains.

Mrs. Nelson was able to free herself from the wreck and make her way to a neighbor's house, but she was unable to lift the machine from the unconscious form of her husband. Her screams for help attracted persons living in the vicinity, who rescued her and took her to the hospital. The injured couple to her home. Dr. C. H. Wilder, who is attending Doctor Nelson, believes the latter will recover.

OLD TIME RESIDENT ENDS HIS OWN LIFE

W. H. Hamilton Was Once an Architect of Prominence

OAKLAND, Dec. 18.—William H. Hamilton, a resident of Oakland for more than 20 years, died at 10:30 o'clock today, after a long illness, committed suicide shortly before 7 o'clock tonight at his home, 375 Tenth street, by shooting himself near the heart. The shot was heard by the aged man's wife, who rushed to his assistance, but Hamilton died before medical aid could be brought to him.

Hamilton had been suffering from nervous trouble for the last two years. This and work he was doing to place a fertilizer in which he was interested on the market is said to have unhinged his mind, leading to a fit of insanity he killed himself.

In addition to a widow, Frances Hamilton, he is survived by a son, Montgomery, who lives at Berkeleyfield. He has been notified of his father's death and will take charge of the remains. Hamilton comes of a Virginia family.

SALOON MAN'S PLEA TO COUNCIL SAVES LICENSE

OAKLAND, Dec. 18.—R. W. Long, proprietor of a saloon at Seventh and Peralta streets, appeared before the city council today to plead to retain his license following a disturbance in his saloon a few days ago. Charles Ward, foreman of a crew in the employ of the Southern Pacific company, said that he and five of his crew were attacked and beaten in the saloon and that he was not permitted to use the telephone to call the police. Long blamed his bartenders, Leon Hanches and George Ward. He said he was notified of the disturbance. He was permitted to keep his license.

Suburban Breivies

TROLLEY CARS CRASH—Richmond, Dec. 18.—Two cars of the Oakland Traction company met shortly after 8 o'clock this morning near the Mendocino street crossing. The ends of the cars were swished, but no one was injured.

COW ORDLINANCE OPERATIVE

BERKELEY, Dec. 18.—The new ordinance governing the keeping and pasturing of cows in the city limits became operative this morning. Already 55 owners of cows have met the requirements by registering their animals with the board of health.

BUILDING ACTIVITY INCREASES

BERKELEY, Dec. 18.—A report prepared at the city hall covering the 12 months ending in November 1 shows that building permits amounted to \$1,640,000, as against \$1,200,000 a corresponding period last year. The increase is \$440,000.

SAILOR'S BODY FOUND

OAKLAND, Dec. 18.—The body of Patrick Gibbons, a sailor, 35 years old, was found in the bay at the foot of Market street this afternoon. It had been in the water for more than a week and was identified by a membership card in a saloon in San Francisco.

RUBY MCGUIRE OF PEARLUMA DEAD

Mrs. McGuire, who was a member of one of the best families in the county, she was born in Philadelphia and was 29 years of age.

REED TO SPEAK AT GRADUATION

Member of University Faculty Will Deliver Address at High School

BERKELEY, Dec. 18.—Thomas H. Reed, assistant professor of political science at the University of California and former executive secretary to Governor Hiram W. Johnson, will deliver the address at the graduation exercises of the Berkeley high school, which will be held at the school auditorium, Grove street at Alston way, Friday evening. Principal Gilbert N. Brinck will also speak.

The 50 members of the graduating class will hold their ball tomorrow evening at Town and Gown club house, and Friday will observe their class day with outdoor exercises at the school, to continue from 10:30 o'clock until noon.

Kimball Kauffman will speak on this occasion, when the ceremony of placing the class plate will take place. This custom, originated by the class of last June, supplanted the tree planting ceremony, the plan being for each successive class to place an inscribed brass tablet in the sidewalk in front of the school entrance. Omar Van Haren will lay the plate and Otis Marston will make the dedication speech. Miss Nellie Beebe will read a farewell poem, and a class farce will be presented. The school band will furnish music.

Committees have been appointed as follows for the senior ball: Arrangements committee—Stephen Corliat (chairman), Kenneth Watson, Dixon Parsh, Pauline de Neuf, Florence Kelsey, Morse Erskine. Reception committee—Judson Krueger (chairman), Elmer Jackson, Harvey Graham, Cyril Sinclair, Doris Bank, Wanda Cooper, Grace Partridge, Margaretta Suermood, May B. Copp, Charles Wile.

WOMAN VETERAN OF WAR IS DEAD

BERKELEY, Dec. 18.—Mrs. Maggie Fell Chittenden, who as an army nurse served through the civil war at the side of her husband in the hospital corps at the junction of Mira Vista and Valle Vista streets, Piedmont, was 74 years of age. On December 27, Doctor Nelson, who had been attending her, died of Long Beach, where he was celebrating the fifty-fifth anniversary of their marriage, which took place at Woodstock, Ill., in 1856.

When the civil war broke out Chittenden enlisted in the hospital brigade of the army, and his wife joined the service as a nurse. Chittenden was chief steward at No. 5 hospital in Venice, and later at the officers' hospital, Lookout mountain, Tennessee. In both his wife was a nurse. When peace had been made Chittenden returned to college and took his doctor's degree.

In recognition of her service, Mrs. Chittenden was a member of the National Association of Army Nurses and both the Women's Relief corps and the Ladies of the G. A. R. at Long Beach.

With her husband and family she resided in California 10 years ago. She had been an invalid for several years and recently came to Berkeley for medical attendance. The funeral will be held here tomorrow.

SUBWAY COMMITTEE TO REPORT TO SUPERVISORS

Estuary Project May Receive New Life

OAKLAND, Dec. 18.—Reports of the commission concerning the plan for constructing a subway beneath the estuary connecting Oakland and Alameda may be filed at the next meeting of the board of supervisors, according to Chairman J. Mullins today. Supervisor Kelley filed a communication with the board urging action on the project. Kelley said that the opening of a tunnel through the estuary had increased traffic 14 per cent within the year. Mayor Mott of Oakland and Mayor Noy of Alameda, with the chairman of the board, make up the commission.

HIGHWAY MAP READY FOR COMMISSIONERS

OAKLAND, Dec. 18.—County Surveyor Haviland reported to the board of supervisors today that he had completed a map of Alameda county showing the road locations and distances. The state highway commissioners in the selection of routes for the proposed new state roads under the \$18,000,000 bond issue. Supervisors are ordering to Chairman J. Mullins today. Supervisor Kelley filed a communication with the board urging action on the project. Kelley said that the opening of a tunnel through the estuary had increased traffic 14 per cent within the year. Mayor Mott of Oakland and Mayor Noy of Alameda, with the chairman of the board, make up the commission.

YULETIDE PLANS MADE BY SOCIETY

Receptions and Dinners to Be Events of the Christmas Season

OAKLAND, Dec. 18.—Mrs. Henry K. Belden, who has been abroad for the last few years, will be the house guest of Mr. and Mrs. Dan Belden over the holidays. Mrs. Nadine Belden will join her mother early in the coming month. Both have made their residence in Europe for three years.

Mr. and Mrs. William Barnard have sent out cards for a New Year's reception, to be the formal opening of their new Piedmont residence. More than 200 cards have been issued.

Mr. and Mrs. Frank C. Havens left today for New York, where they will spend the holiday season. They plan to return to California late in the coming month. Mr. and Mrs. Havens were accompanied on their eastern trip by Miss Amy Bowles.

One of the first social events of the new year will be the bridge luncheon of Mrs. Henry Rosenfeld on the afternoon of Thursday, January 11. Mrs. Rosenfeld will entertain at the St. Francis.

Miss Lillian Freeman has chosen Wednesday evening, December 27, for her marriage with George F. Holbrook of Hollywood. The wedding will take place at the residence of the bride's aunt, Mrs. L. R. Hudson, in Berkeley, and will be attended only by close friends. After their honeymoon Holbrook and his bride will establish their home in southern California. Holbrook is a graduate of the college of mining of Ohio state university.

In honor of Miss Eileen McCurrie, Miss Marguerite Deetken and Miss Dorothy Holbrook will entertain a large number of friends at cards and a dinner tomorrow. Miss McCurrie will become the bride of Edgar Hartwell Dickinson in St. Joseph's church on the evening of Wednesday, January 3.

A number of guests will cross the bay Wednesday afternoon to accept the hospitality of Mrs. Charles Leonard. Mrs. Leonard will give a debutante tea at the Fairmont. Miss Marion Stone will share the honors with Miss Minna Van Bergen and Miss Marie Louise Foster.

The junior assembly will be one of the events of the holiday week, taking place Friday evening. Miss Anna Kessler will be a dinner hostess preceding the dance.

Miss Phoebe Blaney and Miss Alice Graham are spending the holidays in Venice, expecting to leave there early in the new year for Florence. They also plan a tour of Egypt.

Mrs. Beach Soule will be a dinner hostess on Christmas. She will preside at a family dinner party on New Year's day.

With their debutante daughter, Miss Marie Louise Tyson, as the guest of honor, Mr. and Mrs. George Tyson will give a dinner Friday evening at the Fairmont. The Tysons have closed their Alameda residence for the winter and are living across the bay.

BOARD VOTES MONEY IN AID OF CARNIVAL

Improvement of Seventh Street to Be Celebrated

OAKLAND, Dec. 18.—The board of supervisors today voted \$200 to aid the Seventh street carnival to be held December 30 in celebration of the improvement of the thoroughfare by a new pavement and by the substitution of electric for steam trains. Louis Schaffer, accompanied by a delegation from the committee in charge, laid the request before the board.

Emma Ray of the Cast of Laughable 'Casey, the Fireman'



ORPHEUM SKIT IS A CORE FOR BLUES

Bill of the Twelfth Street Playhouse Contains Eight New Acts

OAKLAND, Dec. 18.—The Rays created a tempest of laughter at the Oakland Orpheum Sunday that has been scarcely equalled at the Twelfth street house since its opening. The Rays are a cure for a case of blues. The act is entitled "Casey, the Fireman," and is presented by Johnny and Emma Ray.

JOHNNY RAY UNIQUE Johnny Ray is unique. His face, voice, comedy laughter and eccentric walk all tend to make him a laughable stage character. If to laugh is to grow fat, there will be a big increase in the weight of those who patronize the Oakland Orpheum this week.

The Orpheum bill contains eight new acts this week, with no holdovers. Dorothy Rogers, who appears with her company in a delightful farce entitled "Babies a la Carte," is one of the big features. Miss Rogers is a clever comedienne, and the audience derives a lot of fun from the three live babies in the act.

Patty and Desperado, European acrobats, provide a sensational and thrilling series of balancing feats. SONG HIT SCORED Stuart and Keeley scored a big hit with their own songs.

The Four Latin Lyrics are male singers, possessors of wonderfully sweet voices and render some beautiful melodies. Mlle. de Fallieres, with a trained bunch of clever canines, offers an entertaining European animal act.

A diverting performance is presented by Les Fraed-Nad, ventriloquists. A number of high standard new motion pictures are shown. The operatic concert given by the enlarged Orpheum orchestra, beginning at 8 o'clock, is highly appreciated by the patrons.

KUBELIK AT YE LIBERTY—Oakland, Dec. 18. Jan Kubelik will appear in Ye Liberty theater here tomorrow evening, when the noted violinist will give the following program: Mendelssohn's E minor and the Paganini D major, concerto; Tchaikowski's "Serenade Melancholic"; Dvorak's "Humoresque"; and Bizet's "La Ronde des Laites." Ludwig Schwab will be the accompanist.

KIND POLICEMAN MINUS PRISONER

Suspect Makes Dash After He Persuades Guard to Take Off Handcuffs

OAKLAND, Dec. 18.—Persuading his custodian, Special Policeman Sam Thornally, to remove his handcuffs, William Wright, a pickpocket suspect, succeeded in making his escape this afternoon.

Wright had been given permission to go to San Francisco under guard to obtain a \$250 bail for his release. Thornally, acting as a patrolman, was sent with Wright on the trip across the bay, and, having been warned that Wright would probably make an attempt to escape, kept his prisoner carefully guarded.

Thornally and his prisoner entered the saloon of C. de Julio, 501 Erwin way, where Wright said he could get the money. He persuaded Thornally to remove the handcuffs while he went into a room. Coming out, Wright dashed by Thornally and into the street. Thornally fell in giving chase and Wright had little difficulty in getting away.

A 50-cent bottle of Pinex, when mixed with home-made sugar syrup, makes a full pint—a family supply—of the most pleasant and effective cough remedy that money could buy, at a saving of \$2. Easily prepared in five minutes—full directions in package.

Children take Pinex Cough Syrup willingly, because it tastes good. It stimulates the appetite and is slightly laxative—both excellent features. Splendid for hoarseness, throat tickle, bronchitis, etc., and a prompt, successful remedy for incipient lung trouble.

THOUSANDS NOW USE THIS LOW-COST COUGH SYRUP

A Family Supply for 50c, Saving You \$2—The Quickest, Best Thing You Ever Used, or Money Refunded.

The prompt and positive results given by this inexpensive cough medicine have caused it to be used in more homes in the U. S. and Canada than any other cough remedy. It gives instant relief and will usually wipe out the most obstinate, deep-seated cough inside of 24 hours. It quickly succeeds, even in whooping cough and croup.

A 50-cent bottle of Pinex, when mixed with home-made sugar syrup, makes a full pint—a family supply—of the most pleasant and effective cough remedy that money could buy, at a saving of \$2. Easily prepared in five minutes—full directions in package.

Children take Pinex Cough Syrup willingly, because it tastes good. It stimulates the appetite and is slightly laxative—both excellent features. Splendid for hoarseness, throat tickle, bronchitis, etc., and a prompt, successful remedy for incipient lung trouble.

Pinex is a special and highly concentrated compound of imported Norway White Pine extract and is rich in guaicol and other natural healing pine elements. Simply mix it with sugar syrup or strained honey in a pint bottle, and it is ready for use.

Pinex has often been imitated, but never successfully, for nothing else will produce the same results. The genuine is guaranteed to give absolute satisfaction or money refunded. Certificate of guarantee is wrapped in each package. Your druggist has Pinex or will gladly get it for you. If not, send to The Pinex Co., Ft. Wayne, Ind.

OAKLAND THEATERS

WHERE EVERYBODY GOES

Don't miss the TEXAS TOMMY DANCERS

Big feature this week.

FOR PULLING TOGETHER

All Bent Upon the Publishing of Good News of Oakland and Alameda County to the World.

Only magazine newspaper edition to be published this season in Oakland (handsomely illustrated) will be issued by the

Oakland Tribune

Early in January 1912

Splendid Street, Boulevard, School, Factory and Industrial Photos, just like a picture album. Handsome Book Paper cover in fine four color work.

Why Not Co-Operate Now? Phone Advertising Manager Oakland Tribune for Space. Oakland 528 or Home A 2151. Show your enterprise by having your business, home or factory photographed. Order copies for mailing purposes now.

Advertisement for Kitti's Optical Center, featuring optical instruments like opera glasses, lorgnettes, field glasses, barometers, and optical orders. Located opposite New City Hall.

Advertisement for the Oakland Tribune, highlighting its role in publishing good news and providing a platform for local and industrial photography. Includes contact information for advertising.