THE SOCIAL WORLD.

Pleasant Entertainments In and Out of Town.

Wadsworth Luncheon in Oakland—Ellis-Fraser Wedding—Party on Mission Street—A Masquerade—Notes.

The picnic of the Wandering Six which was to be given at Mill Valley by Mr. Thomas E. Sloan is hereby postponed until Sunday, June 28th.

Mr. and Mrs. H. Scott entertained a number of friends at their residence, 1808 Bush street, on Friday, in honor of Mr. Henry A. White of Kansas, formerly a schoolteacher in Sacramento. A daughter, Mrs. Maybrick, resides in Piedmont. Many of his old pupils were present, the guests including: Mr. and Mrs. H. Scott, Mr. and Mrs. S. S. Theller, Mrs. Monroe Salisbury, Mrs. George Childs, Miss Mamie Scott, Rev. John Hannon, Messrs. C. P. Robinson, E. K. Alsip, Isaac P. Allen, Rinaldo Livingstone, John B. Weller, Windsor Keefer, D. Z. Yost.

A special concert will be given at San Rafael Hall, San Rafael, to-morrow evening, when the Beasey children, who have been regarded as musical prodigies, will delight society with varied selections.

The employes of Sanborn, Vail & Co. held a basket picnic at Fairfax Park last Sunday. The party included about 200 of the merriest picnickers that ever went out of the city. The picnic was a success in every particular, and a most well-behaved lot of people never were seen on the grounds. The Committee of Arrangements, Messrs. A. W. Brown, William Hull, T. Dowd, Clark Miner, F. A. Wall, deserve great credit for the way in which the picnic was conducted.

An enjoyable musicale was given by Mr. and Mrs. M. G. Ferrer, at their home on Pine street, complimentary to Mr. F. W. Sharon and Mr. H. Janin. An interesting programme of instrumental and vocal music was rendered by the host and his accomplished daughters. Among those to meet Messrs. Sharon and Janin were: Miss L. Lawlor, Mr. Joseph D. Grant, the Misses Ferrer, Mr. L. T. Haggin, Richard Ferrer.

A social and entertainment will be given by Golden Gate Council, Y. M. I., No. 34, at Druid Brith Hall this evening.

The girls of the Lend a Hand Society of the Holly Park Presbyterian Church will give a social and entertainment at 3463 Mission street on the evening of June 23d. It will consist of ice-cream, strawberries and other refreshments in connection therewith. All who desire to help the girls in their good work and to get something good to eat will do well to remember the time and place and encourage the ladies with their presence.

The Wadsworth Luncheon in Oakland.

Miss Carrie Wadsworth gave a delightful luncheon on Friday afternoon at the residence of her parents, 1347 Alice street, Oakland. The menu was served at little tete-a-tete tables, decorated with sweet peas. Among those present were: Miss Wadsworth, Mrs. Wadsworth, Mrs. Bowles, Miss Willis, Mrs. Watkinson, Mrs. Gordon, Mrs. Stratton, Mrs. Babcock, Miss Bendall, Miss Haight, Miss Weeks, Miss Dyer, Mrs. Du Val, Mrs. Everts, Mrs. McNear, Miss Owen, Miss Whitney, Miss Belcher, Mrs. Allen, Miss Farrier, Mrs. Allender, Mrs. Heath, Mrs. Stevenson, Mrs. Gardiner, Miss Brown, Miss Little, Miss Bryton, Mrs. Robertson.

The Ellis-Fraser Wedding.

The wedding of Mr. Hiley J. Ellis, a prosperous young merchant of Port Townsend, and Miss Jessie G. Fraser, daughter of Mr. and Mrs. R. Fraser of 810 Dolores street, took place on Monday evening last, at the home of the bride's parents, which was beautifully decorated, thanks to the skill of Miss Lucy Quinton and Mr. R. E. Smith.

The ceremony was performed by Rev. Dr. M. M. Gibson, pastor of the First United Presbyterian Church.

The bride looked lovely in white silk and diamonds, the latter a present from the groom. Miss May Quinton officiated as bridesmaid. The groom was attended by Mr. Walter R. Smith, cousin of the bride. Miss Lizzie Fraser and Miss Maggie Smith, sister and cousin respectively of the bride, looked very pretty in their capacity of bridal attendants. After the ceremony supper was served to the guests.

The happy couple were the recipients of handsome presents. They left next morning for Port Townsend, where they will make their home.

Birthday Party on Mission Street.

On last Thursday evening a very pleasant party was given to Mrs. J. A. Gardner, at 3407 Mission street.

It being her birthday, a great many of her friends filled their baskets with all kinds of good things, which they took with them and presented to the good lady of the house. Tables were groaning with the weight, which was relieved to some extent by the company partaking heartily of the refreshments set before them.

Miss Mason, Mr. Brown, Mrs. McKee and others rendered some choice selections of music. The occasion was enjoyed very much by all.

In the following list will be found the names of those who attended: Mr. and Mrs. Best, Mr. and Mrs. Rice, Mr. and Mrs. Schmucker, Mr. and Mrs. Broe, Mr. and Mrs. West, Mr. and Mrs. La Selle, Mr. and Mrs. Seagrave Sr., Mr. and Mrs. Seagrave Jr., Mrs. Quinn, Mrs. Newbert, Mrs. Ferguson, Mrs. Shone, Mrs. McKee, Mrs. F. Manchester, Mrs. C. Manchester, Mrs. Palmer, Mrs. Spense; Mr. Brown, Mr. A. C. Best; Miss Mason, Miss Mabel Drew, Miss Edith Drew, Miss Rebecca Horgan, Miss Mary Horgan.

The Bunch of Keys Club.

The Bunch of Keys Club held its first social on Thursday evening at its clubrooms, 1916 Pacific street.

Music and a game of progressive barlequin were features of the evening. Supper was served and each lady received a miniature bunch of gold and silver keys emblematic of the club's title.

Those present included: Miss Corinne Cook, Miss Hilda Slessinger, Miss Helen Frank, Miss Gertrude Schweitzer, Miss Laura Steinman, Miss Gertrude Desdemona Cutier, Miss Dora Brown, Miss Fannie Steiner, Miss Maud Hobson, Miss Juliet Emmanuel and Hon. Joseph Steiner, Messrs. Joseph Emanuel, William Greenwald, Arthur Bonner, Joseph Donaldson, William Pickerill, E. Mansfield, Max Herzog, W. Irving Jacobi, William P. Lewis, Max Blum, Arthur Wertheimer and Senator H. G. W. Dinkelspiel of Suisun.

The Russell Academy Masquerade.

This academy was the scene of much festivities on last Thursday evening. At an early hour a large number of maskers assembled at the hall, 1424 Greenwich street, between Polk and Van Ness avenue.

The costumes were costly and elegant, and the competition for the first prize was carried on with good humor. It was finally awarded to Miss Harradine and Miss Little as the "Darktown Couple," as the best sustained characters of the evening, and for the dignified manner in which they sustained the characters. The prize was an elegant pair of sleeve-buttons and scarf-pin. The music was furnished by the well-known professor of music, Mr. J. Casad, and was ably rendered.

The following were present: Miss Tabor and Miss Gallagher, dominoes; Miss M. Quade, Red Riding Hood; Miss Nellie Attridge, Evening Star; Miss Annie Rock, Queen of Clubs; Miss Jennie Colwell, fairy; Miss Katie Quill, fairy; Miss Laura Arnold, Sister of Charity; Miss Tessie Cutter and Miss Neanie Wentworth, dominoes; Miss Katie Rock, gypsy; the Misses Meyer, fairies; the Misses Towles, dominoes; Miss Nellie Schaap, jockey; Miss Brown, butterfly; Miss E. McDougal, fireman's daughter; Miss Mamie Hasstler, gypsy girl; Miss Nellie McGovern, Russian Princess; Miss Louisa Cutter, domino; Mrs. Mary O'Mally, polka dot; the Misses Belle and Lottie Fitzsimmons, fairies; Mrs. Russell, Miss Emily Russell, Miss Mary Sheldon.

Society Personals.

Mr. A. M. Bergeirn, a prominent wine merchant of Chicago, arrived on Sunday from the East and is sojourning at the California.

Mr. D. O. Mills will leave Europe for home early in June. While in Berlin he was entertained by United States Minister Phelps.

Mr. Hermann Oelrichs is expected from the East next month to join Mrs. Oelrichs at Del Monte.

Mr. and Mrs. J. G. Kittle are entertaining Miss McLane of Baltimore at their home in Ross Valley.

Miss Lillie Cusheon, who has been spending the past two weeks in Santa Rosa, has left for Salinas, where she will visit for three weeks before returning home.

Mrs. William Higgins, Miss Josie Crowley and Miss E. H. Crowley have gone to Yosemite.

Mrs. E. C. Stock, Miss Katie Crowley and Master Willie J. Stock have gone to Oregon. They will visit Grants Pass, Portland, The Dalles and places of interest in the vicinity of Portland and may extend their visit to Victoria, B. C.

Mr. Dick Dwyer, Mrs. Dwyer, Mr. Dick Dwyer Jr. and Miss Evelyn Dwyer are at Hotel Arcadia, Santa Monica, for the summer. They will also visit Coronado Beach.

Mr. and Mrs. F. W. Sharon contemplate leaving New York for Europe early in July. Mr. Sharon will leave this Coast for the East during the week.

Miss Josie E. G. Feusler will spend the month in Ukiah as the guest of Miss Mabel White.

Miss Chuks of Oakland is sojourning in Cloverdale.

Miss Annie L. Taylor of Ukiah is the guest of Miss Ethel Martin, corner of Eighteenth and Church streets.

Miss Ella White of Cahto will spend the summer in Sacramento with Mrs. Traver.

Miss Ella McIntyre of this city is spending the summer vacation in the Santa Cruz Mountains as the guest of Mr. and Mrs. L. Ware at their summer cottage.

Mr. and Mrs. John Irwin, Mrs. E. J. Fulton, Mrs. Codington, Miss May Stevens, Miss Alice Nixon, Messrs. John and Robert Fulton are camping together in Sunol.

Miss Mollie Rucker of Gilroy is the guest of Miss T. Brohaska during the month of June.

A SOCIETY EVENT.

Reception to Admiral Benham at Mare Island.

Mare Island witnessed a very brilliant event last night in the reception given by the navy officers as a farewell to Admiral Benham who leaves shortly for the China station. At 7 o'clock the steamer McDowell, under command of the veteran Captain Stoefen, left the Washington-street wharf in this city with a fashionable company of army officers, their ladies and a little coterie of civilian friends. Two hours and a half later the island was reached and the residents poured down upon the steamer to welcome the visitors and conduct them to the scene of the festivities.

After some moments devoted to introductions between the city contingent and the residents of Vallejo, Benicia and surrounding country, the festivities were inaugurated. The Admiral and Mrs. Benham held court for a full hour, during which the marine band played lively concert and promenade selections. After all had paid their devoir to the stately old commander and his good lady, a waltz struck up, and, instantly, the floor was taken possession of by the dancers, who, with a single interruption for refreshments toward midnight, kept the pleasures of the ball going until an advanced hour this morning.

At 2 o'clock the city guests took leave of their genial hosts and boarded the McDowell for their return trip, leaving the local people to enjoy the closing hours of the festivity with their naval friends.

MRS. H. J. CRANDALL.

The First White Woman Who Ever Went to Auburn to Live.

The accompanying picture is an excellent likeness of Mrs. Harriet J. Crandall of Auburn, Placer County, who recently celebrated her seventy-eighth birthday, and who was the recipient of congratulations from her scores of friends in that city.

Mrs. Crandall enjoys the distinction of

Mrs. H. J. Crandall.

having been the first white woman to arrive in Auburn in pioneer days, says the Placer Republican, and her memory contains everything that is of interest concerning the growth and history of this town and of the county. She has been closely identified with the material prosperity and with the social side of Auburn, and her pleasant residence at the junction of Railroad and High streets, is one of the finest here. Mrs. Crandall is a prominent member of the M. E. Church, a leader in charitable work, and she has been a liberal promoter of everything that was for public improvement. She is favorite with old and young, an an honored and respected member of the community.

CLARKE'S WATER WORKS.

A Petition Filed Asking That Dr. Kenyon Be Enjoined.

Clarke's water works, a domestic corporation, has commenced an action against Dr. C. C. Kenyon in the Superior Court of the city and county of San Francisco for an injunction to restrain him from cutting or interfering with the water-pipes of his company. The complaint, stripped of its legal verbiage, sets forth that the corporation is duly organized under the laws of the State for the purpose of furnishing water to the inhabitants of Eureka Valley and Stanford Heights, and that ten miles of water-pipe have been laid for the purpose; that the defendant has frequently threatened to cut the pipe, and that he did so cut the pipe on Sunday, June 7, 1891, and again on June 9th, threatening to come daily and repeat the outrage. In consequence of these acts the plaintiff has been compelled to procure a ten-pounder gun at a cost of $1 a day and to hire a gunner to use the same at $2 a day, besides extra pay for night work, and he has expended $1 for buckshot with which to load the gun. He says further that the defendant still threatens to come and break the water-pipe. For this reason plaintiff asks judgment in the sum of $3 a day for gun and gunner during the time of this litigation and $1 for buckshot, and that the defendant be enjoined from cutting or molesting the water-pipe, and that he be compelled to pay the costs of the litigation and such other relief as the court may determine.

PEOPLE TALKED ABOUT.

Miss Ethel Ingalls, daughter of the ex-Senator, is a brilliant and versatile writer.

Myra Clark Gaines' estates, which it took her weary years to win, are of the value of $6,000,000.

A. D. White, formerly United States Minister to Germany, is expected to visit that country shortly.

Judge Henry B. Taylor of Huntington, Ind., has been appointed a member of the Pan-Republic Congress Committee.

Edna Lyall, the English novelist, sent $2500 to the Salvation Army scheme as her "protest" against Professor Huxley's criticism.

Miss Field, who was the companion of Kate Marsden on her journey in Siberia, has returned to Berlin, where she is the guest of Mrs. Willard.

Arthur Latham Perry, the veteran political economist, has resigned from his professorship at Williams College, where he was an instructor for thirty-eight years.

Lieutenant Hawley, who saved the Nipsic and many lives in the famous Samoan hurricane, has received formal commendation by resolution of the Massachusetts Legislature.

The Queen of Roumania has undertaken to write on the subject of Bucharest for a great illustrated work on the capitals of the world, which is now being prepared in Paris.

Queen Amelia of Portugal has taken under her protection the wife and children of Captain Leitao, the leader of the revolt at Oporto, who have been left without resources.

Judge Schofield of the Court of Claims is now eligible for retirement on pay, and no less than eighty applicants for appointment in his place have filed papers with the President.

General B. W. Brice has been confined to his house for several weeks past by illness, but is now improved and his familiar figure may soon be looked for in the streets of Washington.

Ex-President Cleveland has secured a lease, with a purchase option, of what is known as the "Joe Jefferson place," in Saddle River Valley, near the line that divides New York and New Jersey.

Miss Kate Marsden is in a likely way to make herself a martyr to medical research and science. She has arrived at Irkutsk, on her way to Yakutsk, for the purpose of studying leprosy among the natives of faraway Siberia.

Mrs. Louise Burbank of Leominster, Mass., is almost 104 years of age. In her early years she walked from Quebec to Boston, carrying her babe upon her back, the family finances compelling them to make the journey in that way.

Sold Liquor to a Minor.

Joseph Straub, the proprietor of the Progress Saloon, at 327 Bush street, was arrested last night on a warrant charging him with violating the law prohibiting the selling of liquor to minors. He is accused of selling beer to a child 6 years of age.

LOUIS MONG GONE.

Disappearance of a Chinese Interpreter.

He Leaves Several Creditors in Large Sums. Supposed to Have Been Frightened in a Bond Case.

Louis Mong, the bright convert from the religion of Confucius, has disappeared from his usual haunts in the Federal courts, and is now being rocked in the steamer Oceanic, hence last Saturday for China. He is going home until the clouds roll by.

So far his disappearance is being deplored by three or four persons for the money he owes them, and all of his possible and probable creditors have not been heard from. He also leaves a wife and a small boy.

Last Saturday, Louis Mong, who was the substitute for the regular Chinese interpreter in the Federal courts, was called into the office of the United States District Attorney by Assistant District Attorney Witter, and closely questioned about a bond he had induced William Lake and Mrs. C. Cook to go on to insure the appearance, when called for, of the wife of Tom Suey. For three hours he was on a seat of torture, while Assistant Attorneys Witter and Shurtleff cross-examined him. Mong is a pretty good scholar in English; yet there were times when he resorted to the "no-savey racket" of the heathen Chinese, so well-known in police quarters. However, he sustained himself well, and after the siege left the building, as he said, "to go home."

HE SAILS FOR CHINA.

After he left the Federal building his alarm must have grown more intense every moment, for he went directly to the Oceanic Dock and purchased a ticket for China. There he met a friend, who questioned him about his work in the courts. Mong claimed there was no work there and that he had gone to the steamer to see a friend who was going away. Just before the gangway was withdrawn Mong told his friend he was going to China and asked him to bid his wife and family adieu, and tell his wife that he would send for her. He then made his way aboard, the gangway was withdrawn and the ship drifted into the stream taking Louis Mong away from his creditors and family, as many a ship has done for other criminals.

The news of Louis' disappearance was taken to his wife, who is at the old Chinese Consulate on Clay street. It then spread over Chinatown and reached the Federal building yesterday in time for Harry Huff to be temporarily appointed in Mong's stead its interpreter in Chinese cases. The first positive evidence that Mong had really departed was given by one Fong Tang, an English-speaking Chinese, who made application for Mong's position and bore a recommendation written in Louis' well-known scrawl. He, like all others, could give no definite reasons for the surreptitious disappearance of the interpreter.

DRIVEN TO THE WALL.

Assistant District Attorney Witter considered the riddance a good one, but shed no light on it further than that he had closely questioned Mong as to his connections with the case of Tom Suey's wife and the issuance of her bonds. Mr. Witter said: "I have been expecting this for some time. His methods have been double from the first, and several times he has been discovered acting as a go-between in cases where he served as official interpreter. I put, or rather Mr. Garter put a stop to this through me, and it looks as though many of his plans have been frustrated.

Last Saturday Mrs. Cook, one of Mong's dupes, got him cornered in the hallway and in sheer desperation began to questioning him. Mrs. Cook, with Mr. Lake, went on the bonds in the case of the woman who was alleged to be Tom Suey's wife. This was a year ago and the case was decided then, but the bond did not cease until the woman was surrendered to the United States for deportation. This has never been done, and neither of the bondsmen know where the woman is. So they cornered Mong and for weeks have made his life a burden. The bond is for $1500, or $750 each. This bond trouble may not be the cause, at least the whole cause, of his disappearance, but if it is not partly the cause it is a queer coincidence.

NEVER BORROWED MONEY.

That it is not the whole cause became apparent as soon as Mrs. Cook was told of the affair. "He's gone?" she exclaimed questioningly. "Why, he owes me money."

"How much, madam?"

"Oh, a good deal."

"Several hundreds?"

"Yes."

"A thousand?"

"More than that, but I don't want to tell how much. I am responsible for it, as I went his surety when he borrowed it during the trouble that made him go to Mexico."

It was afterward found that the sum due Mrs. Cook was in the neighborhood of $3000, besides the amount of the bond which she will have to make good. Mrs. Cook claims she never saw Tom Suey's wife, but went on the bond because Tom Suey came to her rooms and cried. She cannot find Tom Suey directly, but has to go to Kim Lung & Co. to see Tom Bing Chu and ask for the privilege of seeing him.

It is estimated that Mong's indebtedness will amount to at least $3000 and may be as much as $5000. Who will be Mong's successor has not yet been decided.

LITTLE STORIES OF MOLTKE.

His First Love—A Game of Chees—His Modesty—A Great Joke.

Moltke's first love was not the wife at whose tomb he passed the summer nights of his last twenty years at Creisau. She was the beautiful daughter of General von Bulow, commandant of the fortress of Custrin, in the days of Moltke's Lieutenantcy. Her name was Hippolyta. She returned Moltke's love, and they were together as frequently as German propriety and Papa von Bulow would permit. For her sake Moltke took up dancing, an amusement for which he had neither taste nor talent, and which, after leaving her, he gave up in his endeavor to put aside all associations of his crushing disappointment.

The parting of the young lovers was due to the interfe rence of the father, who was convinced by Moltke's personal appearance that he was consumptive and doomed to an early death. Moltke left, and only after twelve years' wandering in foreign lands sought the society of other women. Hippolyta married a Pomeranian lord, and died fifteen years before the man the years of whose life had been numbered by her father.

In the last years of his life Moltke passed several days of each fall with a Silesian Count whose children were tutored by an exceptionally clever young Gottingen graduate. Moltke was extravagantly fond of whist and chess, which, he often said, required the same strategical and tactical abilities as generalship. He played both games as an opponent of the young tutor, with varying fortune. On one of his last afternoons at the Count's place he lost several games of chess to the young man, and in the evening he was equally unsuccessful at the whist table. As he rose to retire at the end of the evening he asked the tutor:

"Have you been in the army?"

"No, your Excellency."

"Too bad, too bad," commented Moltke, as he strummed on the piano the notes of a "double quick." "You would make a fine officer of the general staff. In tactics you are already far superior to me."

The relationship among Emperor William's three mighty men of valor—Moltke, Bismarck and Roon—was often strained. Roon disliked Bismarck intensely, as has been shown recently in the published correspondence of Prussia's great War Minister. Between Bismarck and Moltke there was a deep gulf but no hostility. "There was never a symptom of friendship," says a political writer in Berlin. "The passionless repose of the one and the boiling temperament of the other were entirely inharmonious. Moltke was cool and reticent; Bismarck lordly and blunt. They moved proudly side by side, with mutual respect, and never interfered with each other's business, while they together served their country. Neither of them placed obstacles in the other's way. The great strategist always was a very cautious man, and so he made his march forward to heaven just at the time when in this world he was about to be forced to a choice between fighting in the Reichstag on the Emperor's side against Bismarck and fighting on Bismarck's side against the Emperor."

Moltke's modesty was so perfect that it was unique. There is not a case on record in which he claimed the smallest credit for any of his great deeds. In his account of the battle of Sadowa, won by him and him alone, the word "I" can be found but once or twice. He suspected all compliments. In his last years he sat for a sculptor who had an order to make his bust for the Emperor. The sculptor remarked one day that he had never before seen such big ears as his Excellency's. "There is a proof," quickly added Moltke, "of how subservient all a man's acquaintances are. Till now, no one has approached me with this great offense against the laws of beauty."

Moltke was simple and austere in his habits of life as few soldiers before him. Of the rollicking good fellowship of Bismarck's student days, he had experienced nothing. He had neither the stomach nor the taste for the masterpieces of drinking, which contributed not a little to the Iron Chancellor's fame and success as a diplomatist. Professor Jolst illustrates this characteristic of Moltke with an anecdote. "We were speaking of Peters, whose death had just been announced. Moltke asked: 'What do you think of Peters?' I gave my opinion and added: 'I told Peters he would be killed, and even bet twelve bottles of fizz on it with him.'"

"Bet what?" inquired the Field Marshal with his hand to his ear.

"Fizz; twelve bottles of fizz."

"Well, what is fizz?"

"Fizz is champagne, your Excellency."

Moltke laughed loudly and said: "Well, this is one on me. Who will pay the bet if Peters is dead?"

"Your Excellency, Peters has arranged all that in his will."

The Field Marshal sat down on hearing this and laughed for five minutes, ejaculating, "Na-na-na-na."—N. Y. Sun.

GENESIS OF THE TORNADO.

Upper Currents Descending Are Changed Into Terrific Whirls.

The fatal energy with which the season for Western tornadoes opened last week emphasizes the need of further researches to ascertain the cause of these gigantic storms and how to foretell them. Theories of their genesis are plentiful, but none of these has ever enabled meteorologists to make a timely and practical prediction as to when and where approximately the whirling monster of the air will fall. If prediction could do no more than specify the day and section in which the tornado would strike much would be accomplished. But before this becomes possible the true cause of the deadly tempest must be learned.

The favorite hypothesis that a tornado is formed by an ascent or bursting up of air from the lower through the upper strata of the atmosphere when unstable equilibrium exists and the air acquires at least a slight initial whirling motion, has apparently had its day. It is at best a very incomplete explanation of the remarkable geographical and seasonable distribution, as well as the mechanical phenomena, of tornadoes. The atmosphere is often observed to acquire initial whirling motion under conditions of unstable equilibrium, when no tornado is bred.

Whenever the warm, vapor-laden trade wind is drawn northward over the Mississippi Valley the equilibrium of the air is disturbed, and whenever it comes in conflict with a northwest wind a whirl necessarily ensues. Were these conditions adequate to produce tornadoes we should have to chronicle them at all seasons, and much oftener in spring and summer than they have ever been known to occur. Moreover, if ascending currents can originate a cyclone of any kind, it would follow that the Equatorial Ocean where there are all the year the greatest ascending currents, would be prolific of storms, while, in fact, it is of all regions of the globe the calmest.

Some striking facts go to show that the fatal tornado never forms except at periods when there is unusual activity in the irresistable upper tropical current, moving from southwest to northwest, with an observed velocity exceeding 100 miles an hour and descending on our Western plains and valleys. This was evidently the case Wednesday just before the Missouri tornado appeared at 3 o'clock in the afternoon. From 8 o'clock in the morning to 8 o'clock in the evening, while a feeble general cyclone was drifting from the Dakotas to Lake Superior, the barometer was everywhere rising, from Texas and the Gulf coast northward to Missouri and Illinois, and the increase of pressure continued into Thursday, with southerly winds. This was the first time such a pronounced and universal rise of the barometer over the Southwest has been observed for a considerable period. It is natural, therefore, to conclude that the descent of the upper tropical current from the southwest was then taking place in the Mississipi Valley.

Simultaneously, in the rear of the Dakota cyclone, quite a strong surface current from the northwest was pressing down the valley of the Missouri River toward the region where the more powerful tropical current was apparently descending, within which Wednesday's tornado did its terrible work.

All the essential phenomena of cyclone storms can be satisfactorily explained by just such a mechanical conflict as is thus indicated, the ascending current being merely a consequence, not the cause, of the storm.

Many of the ablest meteorologists, as Redfield and Dove, reached this conclusion more than a quarter of a century ago. But the recent observations of cyclone and anticyclone by Dr. Hann at different altitudes on the Austrian Alps seem to have conclusively established it.

It appears evident, therefore, that no decided progress will ever be made in predicting tornadoes or any other class of revolving storms until meteorology can discover some method of observing instrumentally the movements of gigantic upper currents, which, descending into the lower atmosphere, are resolved into terrific whirls, within whose vortices the air is suddenly rarified so intensely that ascending currents are set up and the unborn vapor, instantaneously cooled by expansion, is condensed into destructive torrents or "cloud bursts." If the United States had, as Europe, an Alpine Mountain wall streching east and west along our southern borders to protect us from the full force of the descending upper current, we should be as exempt from tornadoes as the old world is. Since we cannot turn aside this mighty generator of cyclones we should at least watch its movements.—N. Y. Herald.

WHAT IS ITS TRUE NAME?

The Appellation of the Barn-Yard Fowl Said to Be a Misnomer.

It is a curious fact that a bird which is more distributed over the surface of the earth than any other kind, which is better known to man, and more useful to him than any other, has in our language no distinctive name. This defect in nomenclature seems still more strange when we remember that this favorite bird has half a dozen cousin species, every one of which rejoices in a name that is all its own. The nameless bird is the—well, barn-yard bird about whose capabilities for broiling, roasting and the like we usually care a great deal more than we do about what we shall call it. But is it not queer that we have no name for it?

Commonly we call the bird chicken. That is clearly a misnomer, unless we are alluding to the little fellows that have lately emerged from the shell. An adult of this species is as far from being a chicken as a man is from being a baby. When we want want to be specific about the adult of this species we Americans call the male bird a rooster and the female a hen.

But these terms apply equally to many other species of birds. Probably the most favored word of the species is fowl; but that is shooting very wide of the mark. Webster's definition of fowl is "a vertebrate animal, having two legs and covered with feathers or down—a bird." Shakespeare uses the simile, "Like a flight of fowl," and the Bible speaks of "the fowl of the air."—Pittsburg Dispatch.

Arrival of the Mayflower.

The schooner Mayflower arrived last night with a cargo of lumber from Crescent City. This is the vessel that struck on a rock while coming out of the Klamath River some days ago. She was towed to Crescent City and her cargo of 3300 cases of salmon discharged, after which she loaded lumber for this city. She will go on the dry-dock for repairs as soon as her cargo is discharged.

BERTELING has the only reliable methods to fit defective sight. 427 Kearny street.

A New York man, annoyed at a girl's singing, beat her brutally, when twenty of the women neighbors rushed to her assistance and pounded him so unmercifully that he is laid up in the hospital for repairs.

DR. PRICE'S Cream Baking Powder.
Used in Millions of Homes—40 Years the Standard.
je11 1y ThTu&Wy

MISCELLANEOUS.

SYRUP of FIGS

ONE ENJOYS

Both the method and results when Syrup of Figs is taken; it is pleasant and refreshing to the taste, and acts gently yet promptly on the Kidneys, Liver and Bowels, cleanses the system effectually, dispels colds, headaches and fevers and cures habitual constipation. Syrup of Figs is the only remedy of its kind ever produced, pleasing to the taste and acceptable to the stomach, prompt in its action and truly beneficial in its effects, prepared only from the most healthy and agreeable substances, its many excellent qualities commend it to all and have made it the most popular remedy known.

Syrup of Figs is for sale in 50c and $1 bottles by all leading druggists. Any reliable druggist who may not have it on hand will procure it promptly for any one who wishes to try it. Do not accept any substitute.

CALIFORNIA FIG SYRUP CO.
SAN FRANCISCO, CAL.
LOUISVILLE, KY. NEW YORK, N.Y.
je2 ThSaTuSu

FOR 40 YEARS DR. WM.
HALL'S BALSAM
FOR THE LUNGS
Has been a never-failing family remedy for COUGHS, COLDS, CONSUMPTION, SORE THROAT, HOARSENESS, PNEUMONIA, INFLUENZA, ACUTE AND CHRONIC BRONCHITIS, ASTHMA, WHOOPING COUGH, CROUP, PLEURISY, PAIN IN THE SIDE AND BREAST, SPITTING OF BLOOD and all diseases of the
THROAT, CHEST AND LUNGS
LEADING TO CONSUMPTION.
DR. WM. HALL'S BALSAM contains no opium, morphine, nor any deleterious drug. It soothes and heals the Membrane of the Lungs, inflamed and poisoned by disease, and prevents night sweats and tightness across the chest. It is pleasant to the taste.
BE SURE AND BUY DR. WM. HALL'S BALSAM.
TAKE NO IMITATION.
FOR SALE BY ALL DRUGGISTS
PRICE, 25c, 50c, $1.
DR. WM. HALL CO., NEW YORK.
no23y N.C.

STATEMENT
OF THE
CONDITION AND AFFAIRS
OF THE
FEDERAL MARINE
INSURANCE COMPANY,

OF ZURICH, SWITZERLAND, ON THE 31ST day of December, A. D. 1890, and for the year ending on that day, as made to the Insurance Commissioner of the State of California, pursuant to the provisions of Sections 610 and 611 of the Political Code, condensed as per blank furnished by the Commissioner.

CAPITAL.

Amount of capital stock, paid up in cash	$200,000 00

ASSETS.

Cash market value of all stocks and bonds owned by Company	241,747 04
Cash in Company's Office	11,903 21
Cash in Banks	59,152 21
Premiums in the course of collection and due from other companies	329,826 73
Total assets	$642,629 19

LIABILITIES.

Losses in process of adjustment or in suspense	80,000 00
Gross premiums on Marine and Inland Navigation Risks, re-insurance 100 per cent	105,000 00
Gross premiums on Marine Time Risks, re-insurance 50 per cent	
All other demands against the company	172,100 46
Total liabilities	$357,100 46

INCOME.

Net cash actually received for Marine premiums	$508,574 92
Received for interest and dividends on bonds, stocks, loans, and from all other sources	10,571 48
Total income	$519,146 40

EXPENDITURES.

Net amount paid for Marine losses	$285,817 30
Dividends to Stockholders	20,000 00
Paid or allowed for Commission or Brokerage	156,537 18
Paid for Salaries, fees and other charges of officers, clerks, etc	56,540 51
Paid for State, National and local taxes	1,622 80
Total expenditures	$520,577 79
Marine losses incurred during the year	$285,817 30

Risks and Premiums.	Marine Risks.	Premiums.
Net amount of Risks written during the year	$262,796,390	$969,773 19
Net amount of Risks expired during the year	255,631,713	856,315 90
Net amount in force December 31, 1890	8,167,159	105,000 00

ADELRICH BENZINGER, President.
T. G. WETTSTEIN, Secretary.
Subscribed and sworn to before me, this 10th day of April, 1891.
HERR W. PARKER, Notary Public.

CUTTE & FRANK,
MANAGERS,
303 California Street, S. F.
je16 7t

Tutt's Pills
enable the dyspeptic to eat whatever he wishes. They cause the food to assimilate and nourish the body, give appetite, and
DEVELOP FLESH.
Office, 39 & 41 Park Place, New York.
au14 14m ThSaTuWy

Drifted Snow Flour
SEND TO YOUR GROCER FOR IT
my24 tf

Damiana Bitters
The great Mexican Remedy for Disorders of the Kidneys and Bladder. Gives health and strength to the Sexual Organs.
NABER, ALFS & BRUNE,
323 and 325 MARKET ST., S. F., AGENTS

BILLIARD TABLES!
FOR SALE BY 25 PER CENT LESS THAN ANY other house in city; $100 upward; business established 1856; gold medals awarded 1882, 1883, 1884.
P. LIESENFELD, 945 Folsom st.
No drummers. d28 SuTuTh 6m 7p

MISCELLANEOUS.

How Are You?

Alas, how weak you feel yourself! You have lost your health and strength and are weak in body. Overwork, strain of mind or sleepless nights have tired your brain, and misfortune, worry or dissipation has shattered your nerves, prostrated your powers and unnerved your energies. But do you not know that even nervous, dyspeptic, weak and exhausted sufferers, whose nerveless arms and trembling limbs indicate the sure approach of nervous prostration, paralysis or insanity, can be again restored to sound and perfect health and strength? Do you not know that Catarrh and Consumption can be cured if treated properly and in time?

Miss Minnie Naegle, a popular young lady living at 607 Webster street, Oakland, was a victim of Consumption. She had taken various alleged remedies and treated with different physicians, but with no good results.

Miss Minnie Naegle

Her friends began to despair. She had suffered for three years and the awful disease had made such inroads on her constitution that she was unable to perform any household duties. She accepted the advice of friends and visited the Cosmopolitan Dispensary. Within a month she began to improve. Her friends and relations noticed it. She is improving daily and will shortly be a perfectly healthy young woman. Hundreds of others have also been cured. Mrs. S. G. Smith of 1705 Market street says, "I would have been in my grave to-day had it not been for the Cosmopolitan Dispensary."

The Cosmopolitan Dispensary is a Medical and Surgical Institute, located permanently at the junction of Stockton, Ellis and Market streets, for the cure of all Diseases, Afflictions and Deformities. A staff of competent physicians, graduates of the best American and English Colleges, skilled, experienced and able, are in constant attendance. No Minerals or Poisons used. The latest improved methods of Surgery and the most recent discoveries in Medicine of Europe and America adopted. A Pharmacy is attached and all prescriptions filled free of charge.

Sufferers from Rheumatism, Asthma, Consumption, Catarrh, Dyspepsia, Indigestion, Scrofula, Female Weakness, Cancer, Heart Disease, Bronchitis, Eruptions, Salt Rheum, Baldness, Tapeworm, Deafness, any Sexual Diseases, Lost Manhood, Malaria, Urinary Troubles, Piles, Bowel Troubles, should call at once. Low charges, within the reach of all, combined with the best Medical and Surgical skill. Consultation, Advice and Thorough Examination free to patients. A friendly talk may save you thousands of dollars, or years of suffering, and, perhaps, your life. Young, middle-aged or old men, suffering from the effects of follies and excesses restored to perfect health, manhood and vigor. Each visitor seen privately, and all communications received in sacred confidence. There is only one Cosmopolitan Dispensary on the Pacific Coast, and it is located at the junction of Stockton, Ellis and Market streets, San Francisco. Any other is a fraud. Hundreds receive treatment by mail. If you are out of the city write to them. Address COSMOPOLITAN DISPENSARY, Market, Stockton and Ellis streets, San Francisco.

Open daily from 8 A. M. to 9 P. M. Sundays from 9 to 4. je16 19 2t

NOTICE TO CREDITORS.

ESTATE OF BARTOLOMEO BARBIERI, ALSO known as Bertolameo Borbieri, deceased.—Notice is hereby given by the undersigned, Catarina Barbieri, executrix of the last will and testament of Bartolomeo Barbieri, also known as Bertolameo Borbieri, deceased, to the creditors of, and all persons having claims against the said deceased, to exhibit them with the necessary vouchers, within four (4) months after the first publication of this notice, to the said Catarina Barbieri, executrix as aforesaid, at the law office of Camuetti, Meigee & Cavagnaro, Rooms 3 and 4, in house No. 610 Montgomery st., in the city and county of San Francisco, State of California, the same being the place for the transaction of the business of the said estate, in the said city and county of San Francisco, State of California. CATARINA BARBIERI.

Executr