QUACK! QUACK!' IS HEARD

Attends Local Lodge

A feature of the regular meeting

the Ancient and Honorable Order of the Blue Goose and the Southern Call-

fornia state pond and the Washington pond in a joint meeting at San Fran-

'ROCKEFELLER, JR.' ON CARD

EXCITES THRONG IN HOTEL

PLENTY OF WATER HELD IN RESERVE

Mulholland Has More Up His Sleeve Than Is Carried in Owens River

CITY OWNS MINERAL SPRING

Profits from Sale of the Product Would Pay Bonded Indebtedness of City

"Look up Bill Mulholland's sleeve and you will always find water," has come to be an axiom in Los Angeles. And Mulholland's sleeve must be pretty wet, for he is carryisg creeks, rivers and mighty reservoirs up there that public generally does not know

Mulholland says he can deliver 20,-000 miner's inches of water through the aqueduct into the distributing sys-tem of Los Angeles from the Owens river, and this appears easily possible, for there are now 23,000 miner's inches in the Owens river at the intake and this is the dryest time of the year in

But the aqueduct can be lined the water up Mulholland's sleeve alone without taking a drop from the river, in the earth that looks as if it were in the fit is found necessary to do so. The if it is found necessary to do so. The world. The water can be poured into world. The water can be poured into the care quantity and from this But the aqueduct can be filled from public in general knows something about Division creek, which is almost opposite the intake twelve miles north of Independence, and it knows something about Cottonwood creek, that thing about Cottonwood creek, that runs into Owens lake directly without the agency of the river, for these two creeks are now being used for the development of power and are assisting to build the aqueduct. But the public does not know that down every can-yon and crevice of the high Sierras creeks as large as Cotton wood and Division, and some of them larger, go plunging into the gravel beds at the base of the mountains. Shut your eyes and drive a pipe down anywhere in this gravel bed that extends for more than 150 miles and you will get a flow-ing artesian well of the purest snow water. Mulholland and his men have done this in a number of places just to prove that it can be done and not because the water is needed.

CITY OWNS THE RIGHTS

And the city owns the water rights of all these creeks.

But little of this water now finds its way into the Owens river. It percolates down the slope, under the soliand makes Owens valley a fertile spot. It has no well defined channels and does not show on the surface of the ground. It is sucked up by the roots of the grass and much of it evaporates without doing anyone any good. This water can all be retained in canals and sent into the Owens river to swell the supply for Los Angeles. This water is melted snow of the mountain tops and its flow is not regular. In the summer these streams that bound down the mountain side in cascades carry such volumes of water that they cannot seep under the ground as they are doing now, but flow in torrents and the mountain stop of the contains and the cut of the contains the bound are doing now, but flow in torrents are doing now, but flow in torrents are doing now, but flow in torrents the cut of the cut of the cut of the cut on both ends of the dam and it is now being worked towards the center.

The tufa mill is also located at Haiwee, for part of the hills that form the sides of the natural reservoir are formed of tufa. Tufa is a soft white rock, much like clay, and is used to mix with cement. In using this tufa is a soft white rock, much like clay, and is used to mix with cement. In using this tufa is a soft white rock, much like clay, and is used to mix with cement. In using this tufa is a soft white rock, much like clay, and is used to mix with cement. In using this tufa is a soft white rock, much like clay, and is used to mix with cement. In using this tufa is a soft white rock, much like clay, and is used to mix with cement. In using this tufa is a soft white form of the dam and it is now being worked towards to wards the center.

The tufa mil is also located at Haiwee, of re tufa. Tufa is are doing now, but flow in torrents even dollar a barrel to haul cement over the surface, so deep and turbu- from Monolith to Haiwee. lent that they can hardly be forded, but now there is scarcely evidence of them except some sluggish little rivu-

them except some sluggish little rivulets in the summer channels and the brilliant green of the grass through Owens valley.

But there is one spring of water up Mulholland's sleeve that he intends to keep there if it drowns him. If the city ever cares to build a municipal sanitarium or bottle the water and sell it, this spring alone would soon pay the interest on the bonded indebtedness of the city. It is unusually heavy in citrate of magnesia and expert chemists have pronounced its medicinal value great. The same kind of water, flavored with a little lemon of water, flavored with a little lemon juice, is sold at the soda fountains in os Angeles for 20 cents a half pint ottle. This spring is south of the intake, but so far away from the river that practically none of it flows water that will be consumed in Los Angeles.

ONLY ONE MINERAL SPRING

The flow of the spring at its source is about in the same ratio to the Owens river as a meadow brook would be to the mighty Mississippi, but it is large enough for medicinal purposes if the city ever cares to embark on such a project. This spring was discovered while boring one of the artesian wells that have been sunk in the floor of the valley in the vicinity of Independence. It is the only one of the kind that has been found, for the rest are the purest of artesian

There is a geological reason for this spring, and Mulholland knows what it is. Those who look upon Mulholland as unlettered because in his youth he had not the advantages of education that the ordinary American boy has today will have to look again. By dint of most persistent study he has acquired a good practical education that makes him one of the best water engineers in the country, and because geology is an essential feature of wa-

geology is an essential feature of water supply Mulholland has learned geology thoroughly.

To the student of geology Owens valley, with its faults that have produced the high Sierra and the folded Inyo range, the prehistoric torrents of black lava that has given a name to Black Rock springs and the extinct volcano craters that start from the sides of the mountains, is one of the most easily read and interesting of most easily read and interesting of geological subjects.

RIVER WATER IS PURE

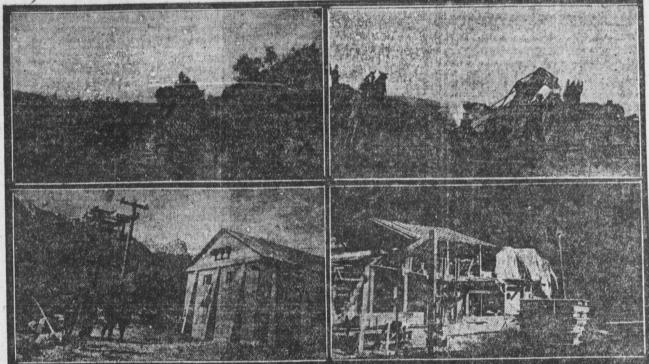
The intake of the aqueduct, the point where the Owens river is diverted from its natural, crooked channel into the canal of the aqueduct, is twelve miles north of Independence. at the base of a mountain called Charley's Butte. Charley's Butte is a solitary spur of the Inyo range on the east side of the valley. From this of the valley. From this point to the Division Creek power house across the Owens valley is a pleasant ride of about fifteen minutes in desert-going

At the intake the Owens river is pure, soft water. The mineral contained is less than half that in the water now used in Los Angeles and it will be even purer when turned into will be even purer when turned into the city's distributing system than it is at the intake, for it settles in the Haiwee reservoir. The river carries some silt, especially in the summer months, when it is being fed by freshets from the mountains, but be-fore it reaches the mouths of Angelenos the water must go through a series of reservoirs, the first of which is the monster at Haiwee, sixty-seven miles south of the intake. The water will settle itself in this reservoir in wonder-

into the lake half a mile.

The water flows through uncemented section.

Being Made in Bringing Owens River to Los Angeles FEBRUARY MAY BE Scenes Along Aqueduct, Showing Progress That Is



ABOVE (AT LEFT)-OWENS RIVER AT INTAKE. RIGHT-STEAM SHOVEL ON MOJAVE DIVISION. BELOW (AT LEFT)-DIVISION CREEK POWER PLANT. RIGHT-CONCRETE PLANT AT SOUTH PORTAL OF ELIZABETH

ditch, cemented ditch and tunnels before it reaches the Haiwee reservoir This reservoir is a natural depression

When this reservoir is full the Owens river can stop running for three months and the daily 20,000 miners' inches can still be sent through the Los Angeles distributing system. The lay mind can get an adequate idea how vast is such a quantity of water when it is explained that one miner's inch is equal to a flow of nine gallons per second.

The left of warship," said Admiral Robley D. Evans, pointing proudly to his new automobile in front of the Alexandria hotel yesterday. "I am learning how—but it's rather a complicated affair, and right now I'm on the way to see the man who sold it to me to get a few more pointers.

"I am my own chauffeur, and that helps. In fact, it has taught me a lot of the Blue Goose and the Southern California and Arizona Special Agents' association, composed of insurance men, was a banquet at the Hotel Mount Washington last evening. The meeting was held at the hotel in the afternoon. Two new members were taken into the order and numerous plans were discussed.

largest of its kind in the west. This dam is to have a clay core wall and an excavation to bed rock, ninety feet below the bottom of the reservoir last evening. He has been visiting in is being made for this wall. Bed rock Coronado.

CUTS COST IN HALF So when 1000 barels of cement are

plenty of tufa on land owned by the

Results of more than 10,000 tests conducted by aqueduct experts have shown that up to ten days neat cement sets better than tufa cement, but after that tufa passes the neat and at the end of thirty days the tufa product is much harder then the pure Portland is much harder than the pure Portland article.

The reports that have reached Los Angeles that the cement work was inferior have been due to the fact

Although lack of funds has made it necessary to shut down several of the steam shovels, some of these monster devices are at work on the Olancha division near Haiwee and at other points on the aqueduct. The rapidity with which the aqueduct has been built can be understood when one sees these monsters gulping great chunks of Owens valley and Mojave desert in their yawning jaws. The efficiency of the steam shovels in this work is due largely to improvements in construc-tion that are Mulholland's own ideas. When the aqueduct department first advertised for bids for machines of this kind that would do the work the steam shovel makers all said it could not be done and refused to submit proposals. Mulholland got hold of the representatives of the Marion Steam Shovel company and asked them if they would build steam shovels according to his specifications. They dublously to his specifications. They dublously looked over the specifications and said they would, but they would not guarantee them to do the work. Mulholland told them to build the shovels and he would take care of the guarantee. The shovels were built and now tee. The shovels were built and now the Marion company is turning out shovels for the Panama canal that are built on Mulholland's ideas. The shovels were built and nov

PASTORS CONDUCT FUNERAL OF THE REV. J. W. SHOAFF

Impressive funeral services were held yesterday morning in Trinity church South over the body of the Rev. James Watts Shoaf, former presiding elder of the Los Angeles district Methodist church south. The Rev. R. P. Howell, pastor of the church, officiated at the service, assisted by twenty ministers of the district, who spoke on the various phases of the life of Dr. Shoaff.

The pallbearers included: Nathan Newby, B. A. Holmes, J. O. Lotspeich, J. A. Campbell, D. F. Boyce, Dr. C. C. Stephens, E. B. Moore, G. A. Oiler and J. F. Martin.

settle itself in this reservoir in wonderfully quick time, as is shown by its action in Owens lake. Though the Owens river be ever so muddy in the spring it becomes clear and limpid as a mountain stream before it has passed into the lake half a mile.

STRANGERS IN THE CITY

Strangers are invited to visit the exhibits of California products at the Chamber of Comparison of California products at the Chamber of

HARDER TO RUN AUTO THAN FLEET, SAYS FIGHTING BOB

Admiral Confesses He Has a Lot Chicago Gander Quits Nest and to Learn About Car

"I find it a blamed sight harder to When this reservoir is full the fleet of warship," said Admiral Robley

is equal to a flow of nine gallons per second.

Haiwee is one of the busiest points on the line of the aqueduct. To complete the natural reservoir a dam is being constructed that is one of the months are and ever since her been months are and ever since her been being constructed that is one of the largest of its kind in the west. This

Friend of Eastern Visitor Plays that is a Parisian make and none there." The young woman piloted them to the Whitley Jewelry Co. There they saw the finest and largest stock in the city. White and oriental pearl, with pearl, gold and nickel bars, pearl and gold tubes with and without handles. Also pearl opera glasses with black trimmings. How can I tell a Lemaire glass? Why, every pair bears their trademark—a "Bee" on under side of middle bar. On advice of the young woman they purchased the glasses, Much to their surprise they found that each pair was encased in a beautiful plush, silk-lined bag. They said, "Well, Whitley's never do anything by halves." Before leaving the store their attention was called to the binace and plays the start that the wind where their distinction and by Lemaire, have prismatic lens, and magnify twelve times. As the young men had planned to attend the auto test and planned to attend the auto the vested in a pair of binoculars—something they will always have.

I hope the opera glass giff suggestion will appeal to many others. Don't the property of the property and plays they will always have.

I hope the opera glass giff suggestion will appeal to many others. Don't

vested in a pair of binoculars—something they will always have.

I hope the opera glass gift suggestion will appeal to many others. Don't forget that Whitley's absolutely have the largest stock to select from. See

tufa cement, and compare the neat and tufa cements soon after they are laid instead of testing both whom Does Your Roof Leak?

tufa cement, and compare the neat and tufa cements soon after they are laid instead of testing both when a month old. Mulholland has heard these reports of inferior cement work and he has tried to find where it is.

WANTS TO BE SHOWN FAULTS

"I'm a good deal more anxious than anyone else to find out if any of this cement work is bad," said Mulholland. "And I would be very grateful if those who say they know would point it out. But I've taken picks and dug at it all along the line and I can't find it."

Although lack of funds has made it trouble beside a lot of damage. You cannot get a good weather and water-proof roofing for your building from a poor roofing. Unless your roof is right, there is no peace of mind for those who live under it. The best way to protect yourself from these unnecessary troubles is to ring up the manufacturers of "MALTHOID" roofing, the Paraffine Paint company, who will be pleased to make estimates and examinations, free of cost to you, by men who know. 313 North Los Angeles street, or 516-519 Security bldg. Home 10462. Main 3974. Smoking jackets and gowns are now ready for Christmas. Early buyers may have garments set aside for them

by the payment of a small deposit. Wonderfully handsome effects are shown—and extra strong values. Come in and make yourself at home. We are glad to show you. Harris-Frank, 437-443 South Spring street. Miss Katherine McGowan, hair and skin specialist, announces removal of her business from 915 West Eighth to

rooms 533-4 Consolidated building, southwest corner Sixth and Hill. Phone F1467. The day before Thanksgiving was truly a busy one at M. Frederickson's, a constant stream of people going in and out, all on the same errand—to have a hair dress. Women have set-

tled it in their own minds that there is only one place. Miss Jefferson wishes to inform her ustomers of the removal of her toilet parlors to room 600 Parmelee-Dohr mann bldg., 444 S. Broadway. F1080

Truit Millinery, formerly located on South Spring street, now at 219 West Fifth street, opposite Hotel Alexandria. Inspect our goods, get prices.

Dr. George E. Hathaway, dentist, announces his opening in the Consol-idated Realty bldg., corner Sixth and Hill. Phone F1462. Mrs. Freeman, 752 S. Figueroa street. Real homemade mince pies and fruit

cake. Phone F1613. City Steam Carpet Cleaning works. Main 427, F6120. John Bloeser. Dr. Harwood, Dentist, returned. F6634

HARRY ST. CLAIR Nerve Specialist and Chiropractor

If suffering with any sort of nerve trouble, see him. "He removes the

AERO CLUB DATE

Organization Receives a Request That Local Contests Be Held After Northern Meet

WOMAN PILOT SENDS TERMS

Aerial Exhibition Under Private Auspices Is Scheduled for Month of January

Plans for the announced aviation eet, to be held here some time thi winter, under the auspices of the Cali-fornia Aero club, are again in a some what chaotic condition as a result of two difficulties, the first and most important being a lack of money with which to finance the project. This obstacle, however, the club hopes to meet through the organization of a business en's committee, which is expected to make arrangements for meeting the expenses. This committee will consist of twenty men selected from the city at large, together with five representing the California Aero club. The club members are H. LaV. Twining, George B. Harrison, Earl Remington, Charles E. Rilliet and Buel H. Green. Mr. Riliet is promed as tressurer and Mr. AT BLUE GOOSE BANQUET

liet is named as treasurer and Mr. Green as secretary. The second obstacle in the way of the The second obstacle in the way of the meet as already planned developed yesterday when a request was received from San Francisco asking that the Los Angeles contests be postponed until after the meet of the city by the Golden Gate, which will be held from January 15 to January 31. This request probably will be granted by the local committee and the meet here he set for committee, and the meet here be set for February 7 to 19.

Meantime it is said arrangements for another meet, to be conducted under private auspices, are making good headway, and that whether or not the Aero club plans mature, Los Angeles will have at least one big meet which will bring here the foremost of the world's air men. An official of the Pacific Electric road said yesterday that T. H. Williams, general adjuster for the George H. Tyson agency at San Francisco and most royal grand gander of the Chicago grand nest, was present. Hhe holds the highest was present. Hine holds the highest this much is assured. It is reported that several of the best known American and European aviators already are can and European aviators already are under contract to come here, and that A report of the recent grand nest meeting was given by Mr. Williams, and also an outline of the plans to be followed by the association during the January, with perhaps a preliminary January, with perhaps a preliminary January, with perhaps a preliminary elimination contest next month for flycoming year. E. O. Flack, a delegate from the California order, also gave a ers who still have their reputations to short review of the meeting.
While there is a lodge in every state in the Union, California is the only state which has two. In January it is the intention of the Golden Gate pond of San Francisco to entertain the California state pond and the Washington.

The California Aero club has received

Dr. Joseph Fandrey, European

Specialist in Rupture Curing I cure all kinds of curable rupture, no matter how severe nor how long standing, or the age of the person. No operation or injection; no detention from business or hard labor. My orig-

Your Christmas

Holidays Why Not Spend Them In

> OLD MEXICO Special train consisting of Pullman

> vestibuled sleepers, observation car, library, parlor, clubroom, etc., and dining cars will leave Los Angeles, December 15, for Mexico City.

Round Trip \$70 from Los Angeles. Proportionate Low Fares from Principal Stations in California Tickets will be limited to 60 days, allowing time for excursionists to visit many points of interest outside of Mexico City. The return trip from El Paso, if desired, may be made over the Santa Fe and upon payment of \$6.50 additional a stopover at Williams for the Grand Canyon may be obtained. Make Reservations Early

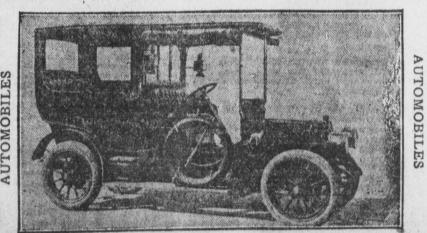
Excursion Party Limited For Further Details See Agents

SOUTHERN PACIFIC

Los Angeles Office, 600 S. Spring St., and Arcade Station, Fifth and Central Avenue. Pasadena Office, E. Colorado St.

TALLY-HO STABLES

109 North Broadway



Swellest Carriages and Livery Rigs in the City, including Tally-Hos

DOG SEES PURSE LIKE OWNER'S; TAKES IT HOME. NATURE FAKE? WHAT!

LONG BEACH, Nov. 26 .- "Dip" is rater spaniel with a penchant for picking up things. "Dip" will pick up anything from a hot wienerwurst to a razor-clawed crab. In his daily tour of the beach he came across a handbag, the property of Mrs. Matilda Reynolds of Santa Cruz, which she had placed on the beach beside her as she endeavored to interpret what the wild waves were saying.

The handbag contained \$5. "Dip" not a financier, but away he started with the bag and coin. The canine's mistress owned a purse similar to the ne he had found and merrily beat his heart as he trotted homeward, for he could almost taste the reward which he would be sure to receive for the return of lost property.

Meanwhile Mrs. Reynolds discovered her loss and started for the police station. On her way she met "Dip" with the missing bag. A stick of candy proffered to the dog brought him within her reach. There was no need for

Cody, Harding and Gibbs-giving their terms for coming to Los Angeles. The committee also has secured a promis from Mme. Marthe Niel, one of the three French woman aviators, to come here provided her terms are met. Contracts, however, have not been signed. R. J. H. Hope, manager for Radley, the Englishman, and who also represents Latham, arrived in Los Angeles yesterday to canvass the local situa-tion. Roy Knabenshue, manager of the Wright trio of flyers, also is in the city. Neither, however, has signed any contract to bring their flyers here.

U. S. DISTRIBUTES SEEDS

The congressional seed distribution burea ave out garden seeds yesterday afternoo hrough the Los Angeles chamber of com ee. Many people availed themselves opportunity to secure seeds free

STARTS FIRE; PENALTY \$50

Charged with setting a fire at Annandale northeast of this city, Charles Webster was fined \$50 in Justice Baird's court yesterday. Webster was arrested by County Fire and Game Warden W. J. Durm.

CAUSE ARREST OF MAN FOR THEFT OF SUITCASE

> Mother of Judge McCormick and Relative Find Stranger with Stolen Property

Within fifteen minutes after he stole suitcase belonging to Mrs. T. Mc-cormick, mother of Judge Paul J. Mc-Cormick, at the Arcade station last night, Harry Suddith, a young man, who says he lives at 947 South Broadway, was arrested at Fourth and Spring streets by Patrolman Blaisdell on a charge of grand larceny.

The theft of the suitcase from Mrs.

McCormick was committed while she was bidding her daughter-in-law, Mrs. Paul J. McCormick, and William J. Gunn, a relative, goodby at the gate of the station. She placed the case on the floor near her, and when she reached for it found it was gone. A search was made, but she was compelled to board the train for Oakland without finding it.

A few minutes later Gunn and Mrs.
McCormick boarded a car for uptown,
and when they alighted at Fourth and
Spring streets saw Suddith with the grip in his possession standing on the sidewalk. Gunn held the man until Patrolman Blaisdell appeared.

Suddith refused to discuss the charge against him.

FALL INJURES MOTORCYCLIST

While making a sharp turn at Seventh avenue and Sixteenth street on his motorcycle yesterday afternoon Jesse Carter, a newspaper subscription col-lector, was thrown to the street when his machine skidded. He was taken to the receiving hospital in a dazed condition. An examination showed a slight fracture of the left forearm.

CHRISTMAS BAZAAR PLANNED A Christmas bazaar will be given next Thursday by the women of the First Con-gregational church. The affair will be held during the day and evening. Lunch-eon and dinner will be served.

TO HOLD REVIVAL SERVICES The Rev. John T. Stivers will open a series of evangelistic meetings today at the Boyle Heights Christian church.



For Rheumatism and Nervousness-No Cure, No Pay

Rheumatism-Cause and Cure

Too much uric acid in the system is the cause of Rheumatism. Nervousness, Kidney and Liver Troubles, Neuralgia, Backache and many other complaints. This excess uric acid is a poison-which destroys tissue, retards circulation and weakens the vital organs.

The only remedy is to eliminate this excess uric acid. The quickest, surest and best way to do this is by wearing Electropodes. These remarkable galvanic insoles remove all poisons and impurities from the entire system-leaving the blood, nerves and tissues in a strong, healthy condition-and every organ free and able to perform its functions properly.

One man writes from Texas: "I have used two pairs of Electropodes. They cured me of a very severe case of Sciatic Rheumatism." Another in California writes: "I give Electropodes credit for curing my brother, in two weeks, of a case of Rheumatism of long standing." Electropodes are sold under a positive binding contract to return your \$1.00 if they prove unsatisfactory.

Sold Under This Centract The purchaser of Electropodes is granted the privilege of returning them within 50 days, and the purchase price (\$1.00) is to be refunded upon the following conditions: They are to be worn according to directions for at least 25 consecutive days, and then if not astisfactory, to be returned in original box.

Druggist's Signatus

At druggists; or by mail, postpaid. If your druggist cannot furnish Electropodes, send us \$1.00 and we will see that you are supplied immediately. State whether for man or wo-

> Western Electropode Co. 241 S. Los Angeles St., Los Angeles, Cal.

INTERESTING ROUTES OF TRAVEL

The Attractiveness of

Does Not Cease with the Summer Months. Autumn Days Are Most Beautiful THE BRACING SEA AIR THE MOONSTONE CROP NOW RIPE

THE SPRAY-DASHED ROCKS The Glorious Dip in the Hot Salt Plunge Bath House, with Warm, Cozy Dressing Rooms to Robe In.

A Feast of Fish or Fowl Fit for a King at Hepburn & Terry's.

Splendid Band Concerts Afternoon and Evening
Go Down Today—Sunday—and Have a Glorious Time

Los Angeles & Redondo Railway Cars from Second and Spring Streets Every Few Minutes

SANTA CATALINA ISLAND An Ideal Place to Spend Saturday and Sunday

Good Fishing---Hunt Wild Goats
HOTEL METROPOLE OPEN

Special Saturday Night Boat Leaves San Pedro 6 p. m. Banning Co., Agents-Main 4492, F6576-104 Pacific Electric Building.

HOTELS-RESTAURANTS-RESORTS

Ye Alpine Tavern

Situated on Mt. Lowe. A mile above the sea. American plan, \$3 per day. Choice of rooms in hotel or cottages. No consumptives or invalids taken. Telephone Passenger Dept., Pacific Electric Ry., or Times Free Information Bureau for further information.

InreeWeeks" is a long time, but men and Cafe Bristol women of epicurean tastes Spring and