

THE MACKEREL. The mackerel, which commercially ranks next to the cod among salt-water fishes, is also found to a cool home, though it is found somewhat further south than the cod. Like the last named fish, it seeks cold water in winter, to spawn, preferring that of which the temperature is but little above the freezing-point. Instead of enjoying cold water all the year round, however, as the cod seems to do, there is a possibility that the mackerel hibernates during a soft muddy or sandy bed at the approach of winter, it buries itself therein, first drawing a scale or film over each eye. Whether this film is an apology for a night-sleep, or the result of drooping of the eyelid through extreme drowsiness, or due to providential design, or development according to environment, a la Darwin, is yet to be decided; but the existence of this film is convincing to the eye during hibernation has been proved by examination of mackerel which have been dragged from their comfortable couches by the dredges of intrusive scientists. It is not impossible that it may yet be discovered that the film is the result of disease, and that the muddy bottom is resorted to, not as winter quarters, but as a hospital where "curative" is practiced as a specialty. Whether sick or only sleepy, however, the mackerel has an intense aversion to a cold bed, and in selecting a resting place he avoids ground over which salt ice is likely to drift, and drizzle its chilling water downward. How this fish arrives at certain places and probabilities in this subject is something that no fellow not a mackerel can find out, but the dredge has never found one of these fish in localities where salt ice melts.

The mackerel is quite a sociable fish among those of its own blood, moving always in great families or schools. When it comes inshore from the deep sea it is always with an innumerable company, which seems to move with a sort of regimental front, and wheeling from left to right, the point d'appui being that portion of the shore, naturally the southernmost that it frequents, where earliest in the season the fresh-water fish return to their native streams. The mackerel's seasonal movements are not always due to its own hunger, but frequently to that of the tunny and other proceras fish which are found in fresh mackerel. The discretion of the fish when it comes inshore is highly praised by scientists, and is cheerfully recognized by the honest fishermen, who will come the fathoms heavily upon their arrival, and care for them so effectively that it is not the least of the mackerel's temptations that they will be unfilled and uncared for. The means of welcoming the mackerel are several—sails, nets, weirs, and spoons being as effective as the hook. The success of the last-named implement is due to the plebeian habits of the fish while dining. It seldom bites, nor does it prolong the enjoyment of a choice delicacy by nibbling, but it vulgarly swallows at a single gulp whatever is set before it. Selecting its food by appearance instead of flavor, it is not wonderful that a piece of red flannel, a bright "spoon," or even a bare fish-hook, may seem worth taking. What disappointed fishermen on "the Banks" are pleased to term the (qualified) fastidiousness of the fish seems to contradict this statement of the mackerel's gustatory habits, but the apparent capriciousness with which these fish appear and disappear at a vessel's side is due to their voracity of taste. Lying at a depth of perhaps two hundred fathoms in cold water, the fish hurry to the surface for the chopped bait which fishermen throw overboard to attract them; the surface water, however, is generally too warm to be endured for more than a few moments, and they hurry back home as soon as comfort becomes more desirable than food.

When the mackerel disappear—which they do frequently during the season, and afterward for a long time—they seek for depth rather than distance. They remain off the coast, but far this side of the Gulf Stream, throughout the winter, and in water sufficiently deep to meet their views in point of temperature. They often lie in vast schools within a mile or less of equally numerous herring, for which fish the mackerel is a yearning throat; but while the mackerel are two hundred fathoms down, the herring are within fifteen or twenty fathoms of the surface. Between these two zones, a distance of only a few seconds, mackerel time, the water is too warm to permit even a hungry mackerel to enjoy the pleasures of the chase, so these life-long enemies remain within sight of each other in a state of truce, until the coming of cold weather.—Harper's Magazine for January.

How to save money. Instead of going to a doctor, if you have Bright's Disease, Diabetes, pain in back and loins, smarting inflammation, calculi, brick-dust deposit, or any trouble of the kidneys or bladder, buy a bottle of DR. MINTZ'S KIDNEY PILLS. It is the best prescription ever compounded for these troubles. Adams & Carroll, Wholesale Druggists, say: "We regard Dr. Mintz's Pills as the best Kidney and Bladder Remedy in the market." Woodward, Druggist, Portland, Oregon, says: "Everybody speaks highly of it." Childs, Druggist, Portland, says: "Sold lots of it; it always does the work." Many have been cured of obstinate kidney complaints after the doctors gave them up. Sold by all druggists. Price, 25¢ a bottle, six bottles for \$1.50. H. C. Kirk & Co., Sacramento, Wholesale Agents.

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REMOVED. CHARLES T. JONES AND ED. M. MARTIN, Attorneys-at-Law and Notaries Public, have removed their office to No. 67 1/2 street, between Sixth and Seventh. j23-491m

THE LEADING MERCHANT TAILOR, No. 529 J street, between Fifth and Sixth. Choice lines of French and English Goods to select from. All work guaranteed. Prices lower than any other house. j23-491m

MRS. PETER ZACHARIAS, MIDWIFE—GRADUATE OF THE UNIVERSITY of Leipzig-Hospital of Berlin. Residence, Masonic Building, Sixth and K streets. j23-491m

BOOK BINDER, PAPER RULER AND BLANK Book Manufacturer, No. 33 J street, between Third and Fourth, Sacramento. j23-491m

DR. WALLACE A. BRIGGS HAS REMOVED HIS OFFICE AND RESIDENCE to Dr. G. L. Simmons' Building, J street, between Fifth and Sixth, and to 9 A. M., 11 A. M., and 6 P. M. j23-491m

DR. HATCH, OFFICE 84 J STREET—OFFICE HOURS: 9 A. M. and 12 P. M. j23-491m

REMOVED. D. E. ALEXANDER, ATTORNEY-AT-LAW AND NOTARY PUBLIC, Office: Northeast corner of J and Fourth streets, Sacramento. j23-491m

WM. GITTENBERGER, IRON AND BRASS FOUNDER AND MACHINIST, Castings and Machinery of all kinds made to order at the lowest prices. Gittenberger's Home Power the best and cheapest made. Corner of Front and N streets. Sole manufacturer of the California Giant Quartz Mill. j23-491m

C. B. KRIBBS & CO., IMPORTERS AND DEALERS IN PAINTS, OILS, Glass, Varnishes, Brushes, Wall Paper, Window Shades and Wax Flower Goals, Pictures, Mouldings, Painters' Materials, No. 528 J street, between Third and Fourth, Sacramento. j23-491m

W. A. HEGESON, M. D., HOMEOPATHIC PHYSICIAN AND SURGEON, Office, southwest corner of Seventh and J streets, in Fry's new building, up stairs. Red door, southeast corner of Seventh and N streets, Sacramento. Office hours: 10 to 6 to 8 P. M. j23-491m

E. L. BILLINGS & CO., IMPORTERS AND WHOLESALE DEALERS in Fine Brandy, Wines and Liquors. Agents for Dr. Jaffee's Compound, Clonidine, Bitters, also agents for Linton Springs Seltzer Water, Soda Water, California Soda, No. 111 K street, between Fourth and Fifth, Sacramento. j23-491m

ROBT. WELSON & CO., Founders and Machinists, Front street, between N and O. Castings and Machinery of every description. j23-491m

CAPITAL ESTATE VALUERS, No. 65 J and Third and J streets. Mr. H. L. Lumbly, 11 A. M. to 1 P. M. and 1 P. M. to 5 P. M. The Best of Liquors and Cigars. j23-491m

JAMES MCGUIRE, MANUFACTURER OF IRON DOORS, SHUTTERS, Railings, Gratings, Home-work and remodeling in general. No. 135 K street, between Fifth and Sixth. Second and Doors for sale. j23-491m

NEW YARD AND NEW STOCK. N. L. DREW & CO., WHOLESALE AND RETAIL LUMBER DEALERS, CORNER OF SECOND AND M STREETS. Constantly on hand the finest assortment of all kinds of LUMBER AND BUILDING MATERIALS in this coast. We defy competition. j23-491m

FURNITURE, BEDDING, ETC. REAL ESTATE & INSURANCE. HOME MUTUAL INSURANCE CO. OF CALIFORNIA. Capital Assets—\$500,000. J. F. HOUGHTON, President. CHARLES K. STORV, Secretary. Sacramento Department. Office, No. 1066 Fourth street, Sacramento. j23-491m

CLOSING OUT. AS I INTEND TO RETIRE FROM BUSINESS, I offer my stock of CARPETS, OIL CLOTHS, WALL PAPER, CURTAINS, ETC. AT— COST FOR CASH. Persons indebted to me will please call and settle their accounts at once. H. TAUBENHEIMER, No. 511 J street, bet. Fifth and Sixth. j23-491m

FURNITURE. VAN HEUSEN & HUNTOON'S, NO. 204 J STREET. Prices after the Lowest and the Best Assortment. CAPITAL FURNITURE COMPANY, MANUFACTURERS. THE CHEAPEST AND BEST place to purchase Furniture in the State. "We stand for HOME LABOR against IMPORTATIONS." j23-491m

MARKETS. JACOB ARNOLD, DEALER IN FRESH MEATS OF ALL KINDS. California Hams, Pork, Lard, Bacon, Sausages, Smoked Beef, etc., at lowest market rates, corner Second and N streets. j23-491m

FULTON MARKET. COR. FIFTH AND K. "LIVE AND LET LIVE" HAVING SECURED THE ENTIRE CORNER of the above market, we are opening an extensive stock of the most attractive meats in this city. We have extended our connections, and the public can rely on finding at all times the best market offerings. j23-491m

PHENIX MARKET, K STREET, BET. THIRD AND FOURTH. THE CHOICEST MEATS OF ALL KINDS. L. H. TONHUNTER, Proprietor. j23-491m

OUR CLOTHING! As you see the people walking the streets, with their Fine Suits and Gen'd Fits, speak well of this Department. j23-491m

RAILROADS, STEAMERS, ETC. CHANGE OF TIME. Sacramento & Placerville Railroad. On and after Wednesday, Dec. 31, 1879, Trains will run as follows, daily, except Sundays: Leave Sacramento for Placerville, 7:00 A. M. Leave Placerville for Sacramento, 8:30 P. M. j23-491m

FOR PORTLAND AND ASTORIA, OREGON. THE OREGON STEAMSHIP COMPANY AND PACIFIC COAST STEAMSHIP COMPANY, will dispatch every five days, for the above ports, one of its New 1 Iron Steamships, viz.: Connecting at Portland, Oregon, with Steamers and Railroads and their connecting Stage Lines for all points in Oregon, Washington and Idaho Territories, British Columbia and Alaska. j23-491m

WESTERN HOTEL. Nos. 41, 43, 45, 47, 49 and 51 K STREET. This well known house has been newly furnished. Every department has been completely renovated. 200 well ventilated single rooms, and some 50 elegant furnished rooms for families. Terms per day: Board and Room, \$1.00; and for the week, \$5.00. Coach to the hotel. j23-491m

INTERNATIONAL HOTEL. THE UNDERSIGNED ANNOUNCES TO THE PUBLIC that he has purchased the property on K street, between Third and Fourth, Sacramento, known as the "International Hotel," and has refitted it in the best style for the accommodation of the public. The new building is comfortable and neat, cannot be surpassed by any similar establishment in this city, and the table shall always be supplied with all that the market affords. A bar, supplied with none but good liquors, is kept in connection with the hotel, and is respectfully invited to give him a call. Terms reasonable. j23-491m

PACIFIC HOTEL, CORNER OF FIFTH AND K STREETS. First-class in its appointments. Elegant Single and Suites of Rooms, fully furnished and well ventilated. Bath-rooms, hot and cold water. The table always supplied with the best market affords. j23-491m

ARCADE HOTEL. SECOND STREET, BETWEEN J AND K, SACRAMENTO. THOS. GUINEAN, Proprietor. j23-491m

MECHANICS' EXCHANGE. DEUTSCHES GASTHAUS, Nos. 15, 17, 19 and 21 S STREET. Between Second and Third, Sacramento. Meats, 25 cents; Beds, 35 cents. j23-491m

CRESCENT CITY HOTEL. THE ABOVE HOTEL HAS BEEN THOROUGHLY repaired, renovated and refurnished. Table first class. Best accommodation for families. Meals, 25 cents per week. Meats, 25 cents. Lodging, 25 to 50 cents. j23-491m

INTERNAL REVENUE SALE. SALE OF PROPERTY SEIZED FOR VIOLATION of Internal Revenue Law. I will sell at Public Auction, to the highest bidder, for cash, the Collector's Office, Sixth street, between K and L streets, Sacramento City, on 11th day of February 1880, the following described property, to-wit: 3,400 Cigars, one package Gin W. G., one package Gin W. G., and six gross of cigars. j23-491m

PROBATE NOTICE. IN THE SUPERIOR COURT, STATE OF CALIFORNIA, county of Sacramento. In the matter of the estate of JOHN H. MANNEY, deceased. In the Superior Court of the county of Sacramento, in the matter of the estate of JOHN H. MANNEY, deceased, in the matter of the estate of JOHN H. MANNEY, deceased, in the matter of the estate of JOHN H. MANNEY, deceased. j23-491m

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NOTICE TO CREDITORS. STATE OF MARIKADKE RANSOM, DECEASED. Notice is hereby given that the undersigned, Executor of the last will and testament of the estate of MARIKADKE RANSOM, deceased, to the creditors of said estate, to-wit: all persons claiming against the said deceased, to exhibit them, with such necessary affidavits, within the next ten months after the first publication of this notice, to the Executor, Starwood Smith, at counting-room of Adams, McNeill & Co., corner Front and L streets, Sacramento. j23-491m

STATE OF CALIFORNIA, COUNTY OF SACRAMENTO. In the District Court of the Sixth Judicial District. In the matter of the estate of JOHN H. MANNEY, deceased. Notice is hereby given that the undersigned, Executor of the last will and testament of the estate of JOHN H. MANNEY, deceased, to the creditors of said estate, to-wit: all persons claiming against the said deceased, to exhibit them, with such necessary affidavits, within the next ten months after the first publication of this notice, to the Executor, Starwood Smith, at counting-room of Adams, McNeill & Co., corner Front and L streets, Sacramento. j23-491m

DR. GIBSON'S DISPENSARY. Established in 1854, for the treatment of Scurvy, Syphilis, Gonorrhoea, Stricture, Scrophulous Affections, Skin Diseases, etc. j23-491m

DR. SPINNEY & CO., No. 11 KEARNEY STREET, SAN FRANCISCO. Treat all Chronic and Special Diseases. j23-491m

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