

THE GERMAN CARP.

In the Introduction into the United States. Scientific American, Oct 20th. In a paper read before the American Association, Mr. C. W. Smiley, of Washington, D. C., said he had some years ago imported from Germany thirty or forty pairs of this fish. They were placed in breeding ponds in Washington, and had increased many-fold, the number spawned this year being 400,000. The carp is naturally a warm water fish, and in the waters of the Southern States grows with astonishing rapidity and to great size. They will also do well in the cold water of the North, even in Minnesota. Nearly every State and county in the United States has fish commissions and they are all propagating carp. It has also been taken up as a private speculation, and carp are sold for breeding purposes as high as \$5 per pair. The carp roots about in the mud for all winter, and most resemble poultry in its manner of getting food. Carp aged three years are often found to weigh twelve to fifteen pounds, and a gain in weight of four pounds has been observed in a carp in one year. The carp is sluggish; while trout, bass, and other lively fish frisk about, and do not fatten so fast as the carp. Experiments have shown that female carp spawn at the age of one year in southern waters, and at two years in colder waters, and in the extreme northern waters of the United States at three years. Other fish, turtles, muskrats, snakes, and even birds, eat young carp. A bird shot in Washington recently had in its stomach the heads of seventy-nine young carp. The United States Fish Commissioner recently sent out requests for information about carp experimented with in this country; most of the replies placing the carp on an equality with trout, bass, and steel head fish, while a few claimed them with pike, and a very few said they had a muddy taste. The carp is the best pond fish yet known, and in a very small pond will thrive well, so that families may easily have their own fish garden if they have enough water to make a permanent pond. The carp is a very hardy fish for shipment, requiring little water and keep alive in the United States Fish Commissioner is giving away carp, sending them by express at any point, the receiver paying express charges. The fish will thrive on table refuse and almost anything edible. Carp can be kept in winter in a tub in the cellar, the water requiring to be kept fresh. Care should be taken to keep poisonous substances out of the water, and too much food should not be thrown in. In cooking carp, thorough cleaning is needed; and frying should be done in hot pans and hot grease. As to the economics of this subject, Mr. Smiley said that fish culture was more and more becoming a part of the farmer's occupation, and thought that, not very long in the future, most of the farmers of the country would have little fish ponds in their dooryards, both as a method of obtaining food and as an ornament to the homestead.

RAILROAD TO WALKERVILLE.

A Useful Enterprise Started by a New Company. In the past few days reports of incorporation have been filed in the office of the Territorial Secretary by the Summit Valley Railroad Company. The incorporators are P. A. Largey, Jeffrey Lovell, Alex. Tarbot, S. B. Rice and William McDermott. The capital stock is placed at \$200,000. The object of the new organization is to build a narrow gauge road from the Utah & Northern depot at Butte to Walkerville. The line will first be extended to the Parrot smelter, whence it will run to the burg on the flat with branches to the Parrot Gang and other heavy ore-producers. About one-third of the grading has already been finished, and the rails are now en route from the East. The train on some days, and branches may be run by horse power, but it is the intention of the company ultimately to operate by steam if the grades are not too heavy. In any event the enterprise is a most useful one, and will prove vastly beneficial to all the mines contiguous to the projected line.

LEGAL ADVERTISEMENTS.

Application for Patent. UNITED STATES LAND OFFICE. Helena, M. T., October 15, 1883. Notice is hereby given that the claimants, James C. Sawyer, whose postoffice address is in Phillipsburg, Deer Lodge County, Montana, has filed his application for patent for 1600 linear feet of the Granite Mountain Territory, and designating the following sections, to-wit: Beginning at the northeast corner of a granite vein 360 1/2 feet long, marked 1500 for corner No. 1, from which the initial point in this office is on Lot 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500, 510, 520, 530, 540, 550, 560, 570, 580, 590, 600, 610, 620, 630, 640, 650, 660, 670, 680, 690, 700, 710, 720, 730, 740, 750, 760, 770, 780, 790, 800, 810, 820, 830, 840, 850, 860, 870, 880, 890, 900, 910, 920, 930, 940, 950, 960, 970, 980, 990, 1000, 1010, 1020, 1030, 1040, 1050, 1060, 1070, 1080, 1090, 1100, 1110, 1120, 1130, 1140, 1150, 1160, 1170, 1180, 1190, 1200, 1210, 1220, 1230, 1240, 1250, 1260, 1270, 1280, 1290, 1300, 1310, 1320, 1330, 1340, 1350, 1360, 1370, 1380, 1390, 1400, 1410, 1420, 1430, 1440, 1450, 1460, 1470, 1480, 1490, 1500, 1510, 1520, 1530, 1540, 1550, 1560, 1570, 1580, 1590, 1600, 1610, 1620, 1630, 1640, 1650, 1660, 1670, 1680, 1690, 1700, 1710, 1720, 1730, 1740, 1750, 1760, 1770, 1780, 1790, 1800, 1810, 1820, 1830, 1840, 1850, 1860, 1870, 1880, 1890, 1900, 1910, 1920, 1930, 1940, 1950, 1960, 1970, 1980, 1990, 2000, 2010, 2020, 2030, 2040, 2050, 2060, 2070, 2080, 2090, 2100, 2110, 2120, 2130, 2140, 2150, 2160, 2170, 2180, 2190, 2200, 2210, 2220, 2230, 2240, 2250, 2260, 2270, 2280, 2290, 2300, 2310, 2320, 2330, 2340, 2350, 2360, 2370, 2380, 2390, 2400, 2410, 2420, 2430, 2440, 2450, 2460, 2470, 2480, 2490, 2500, 2510, 2520, 2530, 2540, 2550, 2560, 2570, 2580, 2590, 2600, 2610, 2620, 2630, 2640, 2650, 2660, 2670, 2680, 2690, 2700, 2710, 2720, 2730, 2740, 2750, 2760, 2770, 2780, 2790, 2800, 2810, 2820, 2830, 2840, 2850, 2860, 2870, 2880, 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7870, 7880, 7890, 7900, 7910, 7920, 7930, 7940, 7950, 7960, 7970, 7980, 7990, 8000, 8010, 8020, 8030, 8040, 8050, 8060, 8070, 8080, 8090, 8100, 8110, 8120, 8130, 8140, 8150, 8160, 8170, 8180, 8190, 8200, 8210, 8220, 8230, 8240, 8250, 8260, 8270, 8280, 8290, 8300, 8310, 8320, 8330, 8340, 8350, 8360, 8370, 8380, 8390, 8400, 8410, 8420, 8430, 8440, 8450, 8460, 8470, 8480, 8490, 8500, 8510, 8520, 8530, 8540, 8550, 8560, 8570, 8580, 8590, 8600, 8610, 8620, 8630, 8640, 8650, 8660, 8670, 8680, 8690, 8700, 8710, 8720, 8730, 8740, 8750, 8760, 8770, 8780, 8790, 8800, 8810, 8820, 8830, 8840, 8850, 8860, 8870, 8880, 8890, 8900, 8910, 8920, 8930, 8940, 8950, 8960, 8970, 8980, 8990, 9000, 9010, 9020, 9030, 9040, 9050, 9060, 9070, 9080, 9090, 9100, 9110, 9120, 9130, 9140, 9150, 9160, 9170, 9180, 9190, 9200, 9210, 9220, 9230, 9240, 9250, 9260, 9270, 9280, 9290, 9300, 9310, 9320, 9330, 9340, 9350, 9360, 9370, 9380, 9390, 9400, 9410, 9420, 9430, 9440, 9450, 9460, 9470, 9480, 9490, 9500, 9510, 9520, 9530, 9540, 9550, 9560, 9570, 9580, 9590, 9600, 9610, 9620, 9630, 9640, 9650, 9660, 9670, 9680, 9690, 9700, 9710, 9720, 9730, 9740, 9750, 9760, 9770, 9780, 9790, 9800, 9810, 9820, 9830, 9840, 9850, 9860, 9870, 9880, 9890, 9900, 9910, 9920, 9930, 9940, 9950, 9960, 9970, 9980, 9990, 10000.

Notice of Final Entry.

UNITED STATES LAND OFFICE. Helena, M. T., Oct. 12, 1883. Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim and that said proof will be made before the Probate Judge of Deer Lodge County, M. T., at his office in the town of Deer Lodge, on Saturday the 17th day of November, 1883, to-wit: JAMES R. DAVIDSON, Who filed his Pre-emption Declaratory Statement No. 3164 for the Southwest Quarter (SW 1/4) of Section 20, Township 20 N., Range 10 W., Deer Lodge County, M. T., at his office in the town of Deer Lodge, on Saturday the 17th day of November, 1883, to-wit: PETER JESSEN, Morgan Evans, Franklin Threlkeld and Elias W. Odell, all of Willow Glen Township, Deer Lodge County, M. T. O. B. O'BANION, Atty for Claimant.

The John W. Lowell Wagon Co., DEER LODGE, MONTANA. Wholesale and Retail Dealers in WAGONS, BUGGIES, AND Agricultural Implements. THE WORLD RENOWNED DEDERICK HAY-PRESSES & Baling Ties. J. I. Case Engines and Saw Mills. Avery, Weir & Case, Gang, Sulky and Walking Plows, both Steel and Chilled. Kelley, Four-Point and Diamond Barbed Wire--The Only First-Class Wire Made. Hill's Concord, Team and Buggy Harness. CHEYENNE AND PETER'S SADDLES. Bement & Son's Bob-Sleds, Cutters & Sleighs. Abbott Buggies, Carriages & Phaetons. PRICES FROM \$100 UP.

The Pacific Wagon & Implement Co., DEER LODGE --- MONTANA. DEALERS IN AGRICULTURAL IMPLEMENTS OF ALL KINDS. A COMPLETE STOCK OF THOSE LEADING WAGONS. CALDWELL AND MITCHELL, For Sale--Wholesale and Retail. THE FAMOUS DAYENPORT WALKING SULKY and BREAKING PLOWS, The "COMMON SENSE POTATO DIGGER," Which Beats the World. Carriages and Buggies, By the Best Manufacturers. Prices Ranging from \$10 to \$500 Each. Four Spring Mountain Wagon, Just the Thing for Ranchmen--And Don't You Forget It. FRAZIER & CO.'S CELEBRATED ROAD CARTS. SLEIGHS, CUTTERS, AND BOB SLEDS, HAY PRESSES AND HAY "TIE WIRE," FOUR-BARRED GALVANIZED FENCE WIRE. Harness and Saddlery, Including a Full Line of CONCORD and other Makes of Harness. Prices from \$15 Up. SADDLES and BRIDLES with a Full Line of Everything Needed to HARNESS or DRESS a HORSE. TENTS & WAGON COVERS. GRAIN TAKEN IN EXCHANGE FOR FARM MACHINERY OR ANYTHING ELSE IN OUR LINE. Thanking our numerous CUSTOMERS for their mindfulness of us in the past, we still solicit a share of the public patronage. Call and see and Save Money by buying of the PACIFIC WAGON and IMPLEMENT CO. Warehouse First Door North of the John W. Lowell Wagon Co. W. BENNETT, Manager, MONTANA and WASHINGTON TERRITORIES.

Livingston Enterprise, 180.

The Northern Pacific Coal Company is a corporation that owns a large body of coal land in the Bull Mountains. Beside this association there are other coal companies and individuals who own claims in the district, among whom is the Hon. Fred Billings, who purchased his claim last spring of Peter Young for \$5,000. The N. P. Coal Co. seems desirous of obtaining the title to the whole body of coal lands in the district, and to that end has, during the past summer, resorted to every low and disgraceful means, such as jumping and bulldozing that might be expected in any such case among the toughest, most desperate, and unprincipled miners. Among other claims was that of Mr. Billings, and that gentleman's local agent, Rev. F. F. Shurt, has for some time tried unsuccessfully to obtain the title to the property. A few days ago he went out to the Bull Mountains resolved to occupy the claim if possible. He was encountered by George Wickes, foreman of the Northern Pacific Coal Company, and kept alive in the United States Fish Commissioner is giving away carp, sending them by express at any point, the receiver paying express charges. The fish will thrive on table refuse and almost anything edible. Carp can be kept in winter in a tub in the cellar, the water requiring to be kept fresh. Care should be taken to keep poisonous substances out of the water, and too much food should not be thrown in. In cooking carp, thorough cleaning is needed; and frying should be done in hot pans and hot grease. As to the economics of this subject, Mr. Smiley said that fish culture was more and more becoming a part of the farmer's occupation, and thought that, not very long in the future, most of the farmers of the country would have little fish ponds in their dooryards, both as a method of obtaining food and as an ornament to the homestead.

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