

TO SEEK SOLUTION OF SALMON MYSTERY

Protection Cruiser Kestrel Takes Prof. Prince to West Coast

(From Friday's Daily.)
 Prof. Prince, chairman of the fisheries commission, left on the steamer Kestrel yesterday afternoon to engage in deep sea dredging and other fisheries investigations of a scientific nature in the vicinity of the Vancouver Island coast and expects to make some discoveries about what has hitherto been one of the most baffling mysteries of the Pacific coast fisheries—the movements of the salmon. The conditions of the various runs of salmon may be ascertained and some idea gleaned as to when and where the salmon go after they leave the spawning grounds to return long afterwards to spawn.

What becomes of the salmon after the fish leaves the rivers has never been determined. On various occasions young salmon turn up from hatcheries hatched in the spring for the purpose of showing that they returned to the rivers where they were spawned. E. D. Hume, a pioneer canneryman, of Rogue river, Oregon, states that some young salmon marked by him returned four years later weighing from 20 to 35 pounds.

Cannery men say that from observations of the life of the salmon they find that during the spawning season when the fish reach the spawning grounds, they bury the eggs in the gravel, and the young alevins when hatched are out of the way of their enemies until the yolk is absorbed and they are ready to take food when they come from the gravel slowly in search of sustenance. They scatter, instead of rising en masse to attract their enemies, and those which escape remain in the streams until the third year after the egg has been deposited. For instance eggs deposited in the summer of 1905 would produce smelt that went to sea in the spring of 1907, returning the same summer as grilse of about two pounds in weight.

These things have been shown, but the mystery of the salmon which has hitherto baffled observers is what becomes of the salmon in the time intervening from when it goes to sea and returns to the river. Where do they spend the intervening time between the grilse stage and that when they return as adult salmon? That is the mystery which may be solved wholly, or in part, by the scientific work in which Prof. Prince will engage on board the fishery protection cruiser Kestrel. Some experts have said that the habitat of the salmon is the sea, contiguous to the river where the fish was hatched and that when they return as adult salmon they come to them in their regular seasons come herring, smelt, sardines and other small fish in great quantities. Salmon, being a voracious fish, naturally follow and devour all sorts of fish smaller than themselves.

R. D. Hume, of Rogue river, says that years ago he took the spawn from 150 adult salmon, and after stripping them turned them into the river within half a mile of the coast. This was in December, and the following April he began taking them again, and although not quite healed from the bruises received in the ripening ponds they were fat and plump. There was no possible chance for a mistake, as the salmon were carefully marked. During the season he caught nearly all that had been returned to the sea, after being used as spawners. Mr. Hume argues that if a salmon were turned out in December, sick and sore, hardly able to propel itself, and returned four months later plump and fat, it would seem conclusive evidence that no great journey had been accomplished during the intervening time.

The deep sea dredging operations of Prof. Prince will, of course, not be confined to ascertaining information with regard to salmon life. He expects to be able to gain information with regard to salmon life. He expects with regard to deep sea fisheries and fish life generally in British Columbia waters.

Mr. Taylor says that preparations are being commenced for the herring fishery at Nanaimo, which is expected to be very successful this season. He says the arrival of Mr. Cowie and the Scotch herring girls who came to Nanaimo some seasons ago to instruct the local fishermen with regard to the packing of herring did much to aid the industry, which is growing considerably. Large consignments are sent yearly to the Orient and to other growing markets.

Monday Opens the Week With Money Saving Opportunities

Promptness Is Necessary if You Would Share in These Unmatchable Bargains

Unprecedented Bargains for Tomorrow in the Mantle Dept.

LADIES' WHITE MUSLIN DRESSING JACKETS, with small sailor collar and flowing sleeves, fitted back with belt, collar, sleeves and belt trimmed with herringbone stitching. Regular price \$1.35. Monday's special **90c**

LADIES' JAPANESE CREPE DRESSING SAQUES, in white, with pale mauve, green, blue and pink flowers, deep collar and cuffs, edged with white valenciennes lace, full back with belt. Regular \$1.50. Monday's special **90c**

LADIES' WHITE MUSLIN DRESSING SAQUES, with deep collar extending to waist in front, trimming is of lace insertion and pink ribbon. Regular price \$1.50. Monday's special **90c**

LADIES' DARK BLUE LINEN DRESSING JACKET, made with very full front and tucked back, deep round collar and flowing sleeve, collar and front finished with wide linen applique and insertion to match. Regular price \$2.50. Monday's special **\$1.50**

LADIES' EXTRA FINE WHITE MUSLIN DRESSING SAQUES, roll collars with deep frill, full front and fitted back, drawn in at waist with narrow band. Regular price \$2.75. Monday's special **\$1.50**

LADIES' COLORED CHALLIS DRESSING SAQUES, full front and deep roll collars, trimmings of white lace and black velvet baby ribbon. Regular price \$3.00. Monday's special **\$1.50**

LADIES' DRESSING JACKETS in fine white muslin, with red figure, deep collar, and elbow sleeves, edged with valenciennes lace, full front and fitted back, with belt trimmings of red baby ribbon. Regular price \$3.50. Monday special **\$2.50**

LADIES' WHITE DRESSING SAQUES, with deep collar and cuffs, of fine lace and insertion, tucked front and back, deep lace frill on bottom. Regular price \$5.75. Monday special **\$2.50**

Special Sale of Ladies' Fine Dress and Dust Coats

LADIES' SEVEN-EIGHTH LENGTH PONGEE COAT, box back with deep round collar of silk braid and applique, full sleeve with deep stitched cuff. Reg. \$25.00. Monday's special **\$13.75**

LADIES' HEAVY WHITE LINEN COAT, threequarter length, collar, front, bottom and cuffs trimmed with narrow braid. Regular \$20.00. Monday's special **\$13.75**

LADIES' SILK DUST COAT, in white and black plaid, seven-eighth length, hood lined with grey silk, full sleeve and deep pockets. Regular price \$25.00. Monday's special **\$13.75**

Grand Showing of the Season's Latest in Fine Dress Goods

COLORED VENETIANS, all wool, good heavy weight, suitable for tailored suits, all the leading shades, navys, browns, fawns, greens, and reds, 46 inches wide. Per yard **\$1.00**

COLORED FRENCH VENETIAN, smooth satin finish, good heavy weight, suitable for tailored or shirtwaist suits, complete range of shades, 52 inches wide. Per yard **\$1.25**

COLORED FRENCH VENETIAN, of good weight and superior lustre finish, very popular to make up tailored and shirtwaist suits, complete range of all the newest shades, 52 inches wide. Per yard **\$1.50**

COLORED PANAMA, fine canvas weave, a very popular fabric, full range of colors, 40 inches wide. Per yard **65c**

COLORED PANAMA SUITING, pure wool, medium coarse mesh effect, complete range of colors, 44 inches wide. Per yard **\$1.00**

FANCY PANAMA TWEEDS, smart stylish effects, in checks and plaids, medium and dark colorings, 54 inches wide. Per yard **\$1.00**

COLORED BORD-DE-CHINE, medium weight, fashionable suiting material, and very durable, all leading shades, 40 inches wide. Per yard **50c**

COLORED POPLIN, fine finish, suitable for shirtwaist suits and separate skirts, 38 inches wide. Per yard **50c**

COLORED POPLIN, superior quality and finish, suitable for shirtwaist suits, 42 inches wide. Per yard **75c**

COLORED CHIFFON BROADCLOTH, fine silky finish, a superior material for tailored suits, all the leading shades, navys, browns, reds, and greens, 52 inches wide. Per yard **\$2.50**

COLORED BROADCLOTH, fine chiffon finish, will not wear rough, all the popular shades, 52 inches wide. Per yard **\$2.00**

Advance Showing of Men's High Grade Footwear



MEN'S VICI KID BAL, E E width, welted sole, anti-corn shape, bunion last, no toe cap, specially made for persons with bunions. Sizes 7 to 12. Per pair **\$5.50**

MEN'S VICI KID, CONGRESS BAL, Teck last with E cushion insole, double sole welted. Just the shoe for tender feet and which give immediate relief. Sizes 6 to 10 1/2. Per pair **\$6.00**

MEN'S BOX KID BAL, whole foxed, French plain toe, heavy welt sole. Per pair **\$5.00**

MEN'S NOB CALF BLUCHER BAL, Fennay last, welt sole. Per pair **\$5.00**

MEN'S VICI KID BALS, plain toe, no cap, full french last, width E. Welt sole, sizes 6 to 12. Per pair **\$5.50**

MEN'S NOB CALF BLUCHER BAL, Peer last, square toe with toe cap, natural shaped last, welt sole. Strictly up-to-date. Per pair **\$5.50**

MEN'S IVORY CALF BLUCHER BAL, Mystic last, welt sole. Per pair **\$6.00**

MEN'S VICI PATENT KID BUTTON BOOT, dull kid top, welt sole, no box, is a full dress evening boot. Per pair **\$6.50**

MEN'S PATENT COLT BAL, whole foxed, welt sole, matt kid top, Mystic last. Per pair **\$6.50**

MEN'S GUN METAL CALF BLUCHER BAL, stag last, welt sole. Per pair **\$5.50**

MEN'S PATENT COLT BLUCHER BAL, cloth top, elk last. Per pair **\$6.00**

MEN'S VICI KID CONGRESS, welt sole, Teck last. Per pair **\$5.50**

MEN'S VICI KID, WHOLE FOXED, BLUCHER BAL, Teck last, welt sole. Per pair **\$5.50**



Unmatchable Bargains in Kitchen Utensils—High Quality—Low Prices

TEAPOTS, from 1 1/2 quarts up to 5 quarts. Regular 40c to 90c. Special 65c, 55c, 45c, 35c, 30c, and **25c**

COFFEE POTS, from 1 1/2 quarts to 5 quarts. Regular 45c to 90c. Special 65c, 55c, 45c, 35c and **30c**

TEA KETTLES, from 4 quarts to 8 quarts. Regular 80c. to \$1.35. Special 95c, 90c, 75c, 65c, and **60c**

SAUCEPANS, with bail handle, from 1 quart to 10 quarts. Regular 30c to 90c. Special 65c, 40c, 25c, and **20c**

BEAN POTS AND STOVE POTS, pit bottom, regular 90c to \$1.00. Special 75c and **65c**

RICE BOILERS, from 2 pints to 8 pints, regular 85c to \$1.50. Special \$1.15, 90c, and **65c**

LIP SAUCEPANS, from 3/4 quart to 8 quarts. Regular 15c to 60c. Special 45c, 35c, 30c, 25c, 20c, 15c, and **10c**

DEEP SAUCEPANS, from 2 quarts to 10 quarts. Regular 35c to 90c. Special 75c, 55c, 45c, 35c and **25c**

SHALLOW SAUCEPANS. Regular 30c to 45c. Special 30c, 25c, and **10c**

MILK PANS, lip sizes, up to 6 qts. Reg. 20c to \$1.00. Special 75c, 65c, 45c, 25c and **15c**

WASH BASINS, regular 15c to 50c. Special 35c, 25c, 15c to **10c**

ROAST PANS, regular 50c and 75c. Special **35c**

SHARP REDUCTIONS ON ALARM CLOCKS. Alarm clocks, regular \$1.25 and \$1.50. Special \$1.00 and **75c**

Special Prices on Extra Quality Blankets

Now is your chance for a saving. The price of wool has advanced and is still on the upward path, so that you will find it greatly to your advantage to buy now. Read the prices.

THE BICKFORD BLANKET, 7 lbs., size 60 x 80 in. Special, per pair **\$3.50**

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THE DALLAS, 8 lbs., size 60 x 80 in. Special, per pair **\$5.00**

THE DALLAS, extra large, 64 x 84 in. Special, per pair **\$5.75**

THE MIDDLESEX, 8 lbs., 64 x 84 in. Extra special, per pair **\$6.50**

THE DALLAS, 68 x 88 in. Extra long. Special **\$6.75**

THE RIVERFORD, fine quality, size 64 x 84, weight 8 lbs. Special, per pair **\$7.50**

THE RIVERFORD, extra good quality, Southdown wool, weight 7 lbs. Size 68 x 86. Special **\$8.50**

THE RIVERFORD, real English Southdown wool, very heavy, 9 lbs. Size 70 x 90 in. Special, per pair **\$9.50**

THE RIVERFORD, extra fine quality, large size, 72 x 90 in. Weight 9 lbs. Special, per pair **\$10.50**

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CHILDREN'S NAVY BLUE BATHING SUITS, made with sailor collar, trimmed with white braid, full skirt finished with deep hem, short sleeves. Price **\$2.75**

LADIES' NAVY BLUE LUSTRE BATHING SUITS, made with round collar, trimmed with white braid, short sleeves, gored skirt, finished with deep hem. Price **\$3.50**

LADIES' LUSTRE BATHING SUITS, in brown, blue, black and cardinal, made with Dutch neck, with three large tucks on either side of front, short sleeves trimmed with braid. Price **\$4.50**

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VOL. L., NO. SITUATION GROWING SE Country Likely With Ou na REVOLUTIONARY More Arab Wa Casablanca to Be Paris, Aug. 22 uation is regard sumed a distin Morocco, the pr Hafiz, the sulia by a section of appearance of a r for Casablanca, that the whole abaze with fan Gen. Drude, French forces a practically abse pointing out th out with being but especially ir ing the advanta cases because disposal prevent up his victory. prelates the fu and although t additional troop been issued up government exp step before nig fantry cavalry arms have bee and are ready t now in readine for Morocco. Public sentim coming strong ures, and it is led to disturba sion that the F France it is tary expedition way, the newa existing state o be ended. The is resisting, this case within a circs, conventio negotiations are enlargement of powers are emp Nevertheless, cles, it is adm might happen e entirely new a tion and comp of the powers, The French p Premier Clemet King Edward extremely usef event of compl Tangier, Aug cident occurred of noonday p mosque of Dj soldier suddenl render our ma victorious." M an's brother, of a new sultan sultan is living signal for a r who were at 3 streets in a p shops were clo ed in their res duty at the m who created th was found in he was beaten u covered with h he will probab order was rest The Sultan's have again of Lamas trib tory Cald Sir i bel captives, killed and leve Letters recea confirmth e r brother are S adds that it h ment. Two p Grandand and his support. Oran, Algeri of Algerian s Squadron of t today on the long. Their de Casablanca, day before columns of Casablanca, h cas the proble and the Span to new arrivals opposition to wearied with strength is in General Dru with Vice a telegraphed g ments are abe ever the met sight of grou fre on them, from French who were try town under L PORTLAN Trust and S Portland, Trust and Sa whose deposit ed to \$3,000,00 ness today. order of the nouncing the realize on its notice stated, closed by an for Multnom Devlin, forme ing been appe is capitalized issued on Me