THE MAIL AND ADVOCATE, ST. JOHN'S, NEWFOUNDLAND, AUGUST 2, 1915-4.									
	{ toooooooooooooooooooooooooooooooooooo	male. The ripe eggs are deposit-	says Norris, "that surpasses a	concentric rings.	become greatly worn, and scars	sea of all the white men who b			
TOD OLIT				When the schools of salmon	and fungus disfigure their bodies.	lived or worked on the river			
LUD SALE	I AND LIFE HISTORY OF	a temperature 34° to 36° the	lits brilliancy, its agility, and its	reach the estuary of a river they	Some of the male fish become so	of all the Indians I could re-			
IVIL JALL	CANADIAN SALMON	young embryo has been fully de-	pluck. I have had one of four	may remain only a few days, or it	soft and degenerate as to be al-	It was the unanimous testim			
sh	112	veloped and is ready to emerge.	pounds to leap from the water	(may be several weeks, playing	most putrid in odour and appear-	of all that 'the salmon which p			
that	By Professor E. E. Prince,	One-quarter the time is occupied	ten times, and higher than a sal-	about, before entering the shan-	ance.	the McCloud station in the s			
Freehold Dwelling				nel of the river. This is common-		mer, on their way up the river			
	👔 of Fisheries, Ottawa. 🏅	high, say 97° Fahr, and in 90 days	tempts, without giving line, to	ly held to be for the purpose of	nest is made by the sockeye humn	spawn, die in the river and ne			
situated on Signal		when it is 45°, while the period is	hold one of three pounds: he does	acclimatizing the fish to their new	back and the smaller Pacific sal-	return to the ocean.""			
Hill Road, owned	(Continued)	101 days at 43° Fahr.	it at the risk of his casting line or	fresh-water conditions.	mon. When depositing her eggs.	The fish, especially the fen			
by Mrs. Robert	(1.) The egg stage, in which the	(2.) Towards the end of March	his agile opponent tears a piece	To quote from a well-known	the female fish twists her body	fish, in multitudes of cases,			
1	fish is as yet unformed. The egg) and during the month of April	from its jaw or snout in its des-	authority: "It first proceeds at	like an inverted U, in sideways	full of vigour after spawning			
Murphy. Bargain.	lis a spherical object not unlike a	the embryo salmon have so de-	perate effort to escape."	its leisure to the head of tide-	fashion, and the ripe eggs are ex-	quite capable of accomplish			
	translucent pea about 1/4 inch in	veloped in the eggs that they are	Some grilse return within a few	water. Here it stops awhile and	truded rapidly in batches. They	the migration to the sea. Ind			
J. J. ROSSITER	diameter. It is of a marked red-	ready to burst out. The thin shell	months (probably those that have	seems to play about between the	fall promiscuously among the	one of the ablest authorities			
	dish hue on account of globules	ruptures and there emerges a	remained the longer time in the	fresh and salt water. Whether it	gravel, the rushing waters carry-	British Columbia, Mr. Ashd			
Real Estate Agent	of oily matter of a salmon tint	iny and almost transparent crea-	"parr" stage in the upper waters),	shrinks from encountering the	ing them into interstices and se-				
	which is scattered through the	ure, difficult to recognize as a	others do not come back for a	sudden change from salt water to	cure hiding places.	have every reason to believe			
Contract Structure at a st	ball of fluid yolk. After fertiliza-			fresh, which is probably the cause		some individuals do survive			
Motto; "SUUM CUIQUE!	tion the ball of fluid yolk, some-	bloy its mouth in obtaining sub-	grilse should, in a few months, in-	of its dallying, or for other causes,	ing the eggs, often is quite ex-	even recuperate in the fresh			
	what yellowish in appearance.	sistence. As a rule the young	crease its weight eight or ten	it usually spends two weeks or	posed above the surface of the wa-	ter before returning to the see			
an a	separates into two parts, one the	salmon lies upon its side and does	times, though a salmon liberated	more hovering about the border	ter, while the male fish, close by,	have taken spent fish in the N			
Where the distance	lower, shaped like a flattened	not wander far, lying hidden	on January 16th, 1889, in Scot-	line between sea water and river	fertilizes them by actively scatter-	Thompson that were sta			
	disk is germinal protoplasm and	amongst the yellow gravel and re-	land was caught on the 3rd of	water. When it has overcome its	ing the milt over the eggs as they	enough to make a good fight,			
inter a	is the real germ mass out of				fall. Frequently, at the moment				
allitta Startino al garage	which the fish is built up, the	somewhat lengthened bag of yolk			the eggs are thrown into the wa-				
	other more bulky portion is the				ter, the male fish rushes away with				
	globules of oleaginous matter.				open mouth and gleaming teeth				
To Every Man His Own.)	Each egg possesses a transparent			which its instinct or sixth sense	1	opinion seems to be much m			
*	shell or egg-capsule like a thin		turned in six or eight weeks,		1 Incre must, m consequence, oc j	fied," especially, Mr. Green a			
e Mail and Advocate		ire still prominent in the yolk-	while other grise marked at Bal-	It is also probable that the fish	enormous waste of ova. After	with regard to the spring salr			
d every day from the office of	strong and resistent. The egg of	sack of the newly natched em-	lisodare, Ireland, did not return	delay until a suitable temperature	the spawning is done, the emaci-	Or quinnat. My own experience with reg			
bilcation, 107 Water Street, St	a salmon will resist great pressure,	nyo, and mey become grouped	until 10 or 17 months had elapsed.	is reached. Curiously enough,	ated fish drop gradually down	to sockeyes and humpbacks with			
hn's. Newfoundland, Union Pub	some experiments showing that a	n masses at the upper-side-next	During the summer months these	when the schools have migrated	from pool to pool on their return	indicate that they do not by			
hing Co. Ltd., Proprietors.	weight of 5 pounds 6 oz. may be	tracks passing concer the well	ascenting grise are inequenity	some distance up the rivers, they	The fill Sta. These healt, black, ut I	means all die, they are, in a la			
)laced upon a salmon's egg before	areaks passing across the yolk-	ness both of milt and out in Fun	will linger for longer periods in		number of cases, very vigor			
JOHN'S, NFLD., AUGUST 2, 1915.	it can be crushed. The eggs are			pools, especially below falls and	and, as Duckland says, they are	and when secured by hook			
	produced in quantity, about 900			obstructions, during the time of	In a wretened and miseraote con	line, by being hooked in the ri			
	ggs to the pound-weight of the			the early runs of fish. Having	antion, many using on the road.	of the back, they exhibit extra			
UR POINT OF VIEW	sarent fish. A 36-pound female			attained the shallow areas suited	I many samon remain m me m	dinary strength and gamen			
	salmon will deposit 30,000 eggs	ne usu. They are the vitemne	ture. It is a curious fact that,	for the "redds," in the upper wa-		though, of course, such fish			

		eins, and they no doubt convey	while grilse appear to be rarely	ters, where proper conditions for	ter especially if the ice makes	though, of course, such fish will
A Parallel	ind they grow so rapidly in the	autritions particles from the volk	or never observed in some Can-	depositing the spawn are provid-	for the fall of 1075 hun	not take a book in the ordinary
A Tatanci	ovaries that whereas in early	ato the body of the larvel selmon	adian colonan nivers wet in other	ed, the pairing begins rarely	early. In the fail of 1875 hun-	way. It is difficult to imagine,
TT is interesting to note in con-	pring the eggs are only about 1	nto the body of the latvar samon	adian saimon rivers, yet in other	ed, the pairing begins farety	dreds of salmon were seen by	
nection with the campaign in				earlier than the third or fourth	(numers intough the ice in the	though it may prove true, that
		on this bag of nutriment the lit-		week in October, and rarely later	River Nabissippi, on the north	even the smaller Pacific species
Europe that the German demon-		le fish solely subsists for some	In certain seasons the Nipissi-	than the last week in November.	shore. They were visible along	make but one return journey to
stration against Riga in the North		weeks. At first it is 3-4 inch long-	quit in New Brunswick has vield-	The male salmon in all the vari-	several miles of the river. On the	their native rivers, after making
has its counterpart in the Italian		ind about two grains in weight.	ed to the rad far more grilse than	ous species undergoes remarkable	small salmon rivers of Anticosti	their first descent to the sea.
movement against Trent in the	juarter the total weight of the fe-			bodily changes, while the female		(To be continued)
South.		sense of the volk which becomes	addit samon, anglets nequently	retains her normal appearance,	ed, and in the streams of Gaspe	(
Riga is a Russian position, the	lid for Troyon; ten days entirely					
inhabitants of which are mostly	lid for Manonvilliers; rather		course of a week or ten days,		and of the Bay of Chaleurs. These	A HERO
German speaking, over half of the	nore than a week for the perman-	mu may, as the late Sh J. G.	when scarcely an adult salmon	or enlargement, due to the growth		
population being German, and p	nt works of Maubeuge; a day or	Maitland observed, lose portions		of the ovaries and increased size	when the ice breaks.	I'd like to be a hero if it wasn't for
large proportion of the remaining	wo for Antwerp; and a few hours	vy pinching off. As Professor		of the eggs.	In Scottish rivers, quite a large	the war,
half German speaking Jews.	'or Namur. But in the absence	Acintosh noted the yolk if squeez	known United States authority.	The male Atlantic salmon, as	number of fish are found dead	But the war has made me busy don't
Trent is an Austrian town	of the weapon and its provision	:1 out into the water is transpar-	has stated that grilse appear to	Frank Buckland characteristically	annually, the majority being male	you see,
	he permanent work resists inde-	int, viscous and tenacious, but	be almost entirely absent from		ish, the dead females being very	So many men are fighting in the trenches at the front
whose inhabitants are Italian of	initely.	oon acquires density like tallow,		many colours, and the purple		That it's left a fearful lot of work
speak that language.	"The lesson is such a simple one,	ind the orange coloured globules	but this is certainly not usua	ground, variegated with sealing-		for me,
It is likely that the invaders in	t was so early seized by the	isually sink to the bottom.		wax red coloured spots on the		There's the boys who used to cheer
each case will find the inhabitants	rench General Staff, it is so clear	(3.) The volk-sac gradually		side and check are very beautiful.		for the ball club at the Park,
ready to receive them with oper.				* * * The hen salmon, on the		Lots of them have gone away to
arms, should they obtain posses	y the great tactical issue of the					fight the foe
sion of these towns, but this	ampaign, that one is almost			contrary, wears a plain russet		And it no one stops behind, to jaw the
might not occur.	shamed to insist on it again.			suit," though red spots are occa-		other club, How can we win is what I'd like to
There is a possibility that the	"The heavy piece decides. And			sionally noticeable, and in both a		know.
German manœuvre towards Rige	what the fortunes of Italy may be	he third week after hatching it	stage. Mr. Ashdown Green has	golden orange tint appears on the	has given rise to the popular no	
is only a feint to draw off some of	n the next few days or weeks is	s more than half gone, while dur-	recorded his capture of a quinnat	sides. The lower jaw in the male	tion that not one of them ever re-	I'd love to dress in khaki and parade
the Russian forces defending the	question almost certainly to be	ng the fifth and sixth week, about	grilse, six pounds weight, in the	becomes grotesquely lengthened.	turns to the sea alive. "Probably	about the street.
approaches towards Warsaw, and		he middle of May or later, it is			sone of them ever return to the	And my girl says I'd look dandy if
not a serious demonstration.	wer the question of Russian re-	seen only as a slight swelling. As	land, about 14 miles from the sea.	the sockeye and the hump-back	ocean, and a large proportion fai	I did,
With the fall of Warsaw which	istance upon the line of the San	he yolk-sac becomes less, the	Dr. Starr Jordan also has re-	species, the back of the male en-	to spawn," said Professor Jordan.	But without a linen collar and my
	nd the supreme question about	oung fish acquires greater free-	corded the presence of grilse in	larges and rises into a sharp,	In this view many authorities	New York style in ties I should look some real simple sort
seems imminent, we may see at	that fate will attend the ultimate	1cm of movement, and instead of	Dritich Columbia rivers and noted	blade-like ridge, while the jaws	agree, though the grounds for the	of kid.
effort being made to capture the	ffensive in the West. It is the	ying amongst the pebbles as-	that they attain a mature repro		opinion are not fully conclusive.	Besides, I couldn't hose the lawn for
important sea port of Riga, but	newer to the question why the	sumes an erect position, it can	linat mey attain a mature repro	the teeth are greatly increased in	Thus an authority says of the	Momma,
not until then perhaps.	Cermons super Califie as they	now shoot hither and thither	ductive condition at a very early	size and prominence. The male	Daoife colmon: "They grow loss	(Though I don't if I can dodge it.
Hiliare Belloc, the noted milit	id It will be more and more the	hrough the water near the bot-	stage. In Fraser River, in the	sockeye assumes a brilliant red		you can bet)
ary writer of Europe, tells us that	nswer to every remaining prob-		1	colour on the sides and towards	control in appendiced more cities i	the mound while the moor to.
the capture of Trent cannot be ac			size, from eight inches upwards	the dorsum, while patches of		Sister Susie
complished unless the Italians can	em in this war.	(4.) A couple of months after	pass up, the milt fully developed	black and olive green also occur,	in form; parasites collect by thou	(For she hasn't finished knitting neckties yet.)
bring to bear on the strongly	"Given the proportion of heavy	he hatching the transparent	but usually not showing the hook-		sands in their gills and under	neckues yet.)
fortified position such mighty	guns, and of shell between two	ceble embryo nas been changeu	ed jaws and dark colours of the	and the clongated jaws are of	their fins; their tails and fins fray	I'm sure I do my share to help the
howitzers as those Germany used	ombatants at such and such a	nto a silvery little fish, which by	older males. Females, less than	1 chalk-white colour.	off; a white and loathsome fungue	Empire,
against Namur and Liege, and	ritical moment (and shell in the	ordinary observers would be call-	18 inches in length, are rare. Al.	The Atlantic salmon energetic-	gathers over all parts of them	I've all the Allies' flags, from eig-
even then she must bring up great	ase of heavy pieces nearly always	:d a minnow with minute red	of either sex, large and small	ally scoop out, in the gravel, deep		arettes,
numbers of those big mortars.	neans, of course, high explosive	spots and eight or ten dark	then in the river, have the ovaries	hollows, in which the female	sight; and swarms of suckers-	And if any one says Britain will be
And this Mr. Belloc assures us	hell) and you can with fair cer-			places the eggs, afterwards cover-		I'm prepared to take them on, in
is no light task. Here are the	ainty predict the result.			ing them over, a process occupy-		ten-cent bets.
words of the renowned writer:	The Italian State has had			ing a week or two and the parent		I clap my hands when I am at the
"Does Italy propose to force	nonths of preparation. She has			fish then leave the buried eggs to		movies
				take care of themselves and they		Whenever there's a picture of the
extremely strong defensive line of				hatch out in due course. The		King,
her enemy?" And he answers				males fight a good deal, and the		And I feel so savage when I see a
the question himself, in this wise.	1 ter engineere are me moor enti-			spawning grounds are the scene		German
"Only a superior concentration of	ul in the world; her modern in-			of much excitement and turmoil.		It makes me chew my gum like any.

heavy artillery, delivering a torlustrial power in the North is nooked jaws and red colour of o month or may or j. This is as nothing compared with it their health and vigour, M (5.) The mottled dress is lost old males. nado of high explosive shell will ormidable indeed. So you guys that talk about me bebut they linger, with a strange inbe of effect." Even then the and a uniform covering of bright with the commotion on the spawn-The grilse which ascend in the "Whether full use has been ing nervous, difference to their fate, around ing grounds of the Pacific rivers, silvery scales is acquired characstrong works may resist for hade of all the opportunities thus late summer and in the fall, de-And say I ought to take a gun and where the numbers of parent fish the spots where they have deposteristic of the smolt. The silvery months, just as Przemysl resisted present, particularly in this cruscend as grilse-kelts in the followfight, ing spring. Some marked grilse- are incredibly vast. Thousands ited their eggs, waiting patiently scales are very slightly attached Should think of all the things I'm ial matter of the heavy gun, the Mr. Belloc continues: of male fish, with open jaws rush for the only possible relief from really doing "Will she find herself in a posiand easily rubbed off, and the mmediate future alone can show." kelts were liberated by the Stor-(I lie and think about it half the about, carrying on the wildest their wretchedness, which is death. "parr" marks can generally be tion to force the permanent works | That Italy will make every efmonthfield authorities and were night.) warfare. In the chosen spawning Some uninformed persons, who 'ort to wrest the Trentino from discerned underneath. The "parr" recaptured on the ascent as maround Trent? They will resist for But even if I hadn't lots to keep me grounds, as a rule a shallow tri- have never seen these fish in their Austria is quite certain for Italy marks become indistinct and hidmonths, just as Przemysl resisted ture salmon. Just doing things for Ma and Sister (7.) When a weight of over butary of some distant lake, the natural habits, have expressed has long bemoaned the severance den under the newly developing Sue. for months, unless there is high-ridged backs of the males some incredulity in regard to their My Momma says she'd cry if I was brought against them in great of that province from her when it silvery scale when the fish is 6 or cight pounds is attained, the fish is usually recognized as a salmon, protrude above the surface of the all dying after they have spawnwounded numbers the heavy mobile howit- was finally annexed to Austria in 8 inches long. The smolt is 8 or And I'd hate to worry Momma M a stage generally reached in the stream, and the fish can be seen ed." 10 ounces in weight. zer and with it masses of muni- 1382. markers of a state of a wouldn't you? second ascent to the original dashing in all directions at each tion. That modern instrument of Its restoration to Italy is the (6.) In the sea, the smolt be-The same authority goes on to HAVELOCK SHELTON. war, supplied for even forty- chief aim of the Italia Irredenta comes a grilse or adolescent sal- spawning grounds. The cycloid other, inflicting severe and dead- say that "it is probably true that eight hours with an uninterrupted agitation in that country, and the mon, weighing from three to scales in the adult salmon are ly wounds. those that spawn near the ocean Rural Constable--'Now then, come Often two male fish become in- return to the ocean and recover stream of projectiles and charges, dream of Italy. eight pounds, with rounder spots, found to be worn smooth over out o' that. Bathing's not allowed will, as we know, dominate most As dreams sometimes come true, thinner scales, more forked tail half of their surface, thus differ- extricably interlocked, like the their vitality, but others never do. 'ere after sam!' The Face in the permanent works. In a week or we may see this long cherished and more slender, graceful shape ing from the scales in the younger red deer and moose in the forest In order to make sure whether I Water-'Excuse me, Sergeant, I'm stages, when the whole scale is and die miserably from wounds was mistaken in my views about not bathing; I'm only drowning."-ten days it will dominate any per- hope of the Italian patriots realiz- than even the adult fish. "There is nothing in the water," marked with a series of perfect and starvation. The tails and fins it, I took the testimony, a year Punch. manent work. Five days nearly ed in full measure.

See of Martin St. Sec. at

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Ne felle resol Colo their cond later He the King the perso the Gove spon for