'Fresh from the gardens'

A PHILO VANCE STORY

BY S. S. VAN DINE

the archery range of Prof. Dillard's laugh. home. The other, John E. Spring. Was shot through the head with a bullet. The "Some more mumbo-jumbo, eh?- "That's most interestin'." Vance exerimes seem to be a crasy dramatization like the death of Cock Robin. . . . tended his match-case to Arnesson, of the nursery rhymes, "Who killed Cock Robin?" and "There was a little Read me the rune." man and he had a little gun." District Markham is puzzled and calls in Philo Vance, wealthy amateur crimin- of the crime. Those questioned by Vance are last seen with Robin and also in love with Belle Dillard, niece of the professor's; Sigard Arnesson, a protege Adolph is still a baby. Adolph is grown ed genuinely amazed. "Not a thing, tors. Hopes to hit on something that'll household. Markham has received a genius, by gad! Too bad his parents Christoffel tensor when you discussed

a bit excited."

drawing room and, without a word of method in the process-like Kepler." type a mathematical formula?" greeting, burst forth:

being shot?" His eager eyes darted became the foundation of Infinitesi- mouth and grinned. from one to the other of us. "I sup- mal Caluculus. He arrived at it trypose you're here to ask me about him. ing to construct a cask for his wine- He's full of whimsies. Perverted sense Well, fire away" He threw a bulky a cask with a minimum amount of of values." brief-case on the centre table and sat wood and a maximum cubical content. down abruptly on the edge of a Maybe the formulas I work out to ly. "And, by the by, I almost forgot straight chair. "There was a detective selve these crimes will open up new to ask you: does the Dillard house up at college this morning asking fool fields of scientific research. Ha! Robin harbor any revolvers?" questions and acting like a burlesque and Sprigg will then become marterious. . . . Murder-horrible mur- The man's humor, even taking into there? . . . Sorry to disappoint you. der! What did we know about a cer- consideration his life's passion for ab. No revolvers. No sliding doors. No tain John E. Sprigg? And so on. . . stractions, struck me as particularly secret stairways. All open and above-Scared a couple of juniors out of an distasteful. But Vance seemed not to board." entire semester's mental growth, and mind his cold-blooded cynicism. sent a harmless young English in- "There's one item," he said, "that he had the cheek to ask what women handed it to Arnesson. "This was archway. She had evidently heard Sprigg went around with. Sprigg and found beneath Sprigg's body." women! That boy didn't have a The other scrutinized it supercili- swer.

son." Vance had been watching him one isn't common; and the statement dits are allowed to own guns in this closely. "However, we have another of it here is arbitrary and unusual. benevolent State. . . . " determinant for your formula. Johnny Certain terms omitted. . By George! little gun through the middle of his only the other night. He wrote it

Arnesson stared at Vance for some Two men have been murdered. One time without moving. Then he threw known as Cock Robin, has been shot his head back and gave a sardonic

"That's all we know at present," he professor's: Mrs. Drukkey and son, add any suggestive details?"

eripple, but has an abnormal Sprigg . . . one of the keenest stu- revolutionize chess."

named him John-plenty of other it the other night?" got him shot through the head by a of his realm. You can't hitch the names. It sealed his doom apparently; Andrew who did Robin in with an board." "Ah! Here comes Arnesson, Looks arrow." He rubbed his hands together,-the abstract philosopher in being found on Sprigg?"

He chuckled over the conceit. "Re-"What's this I hear about Sprigg member Kepler's 'Boliometrie'? It

structor into incipient nervous col- I omitted to mention." Turning to lapse. I didn't see the Dogberry my- Markham he asked for the piece of self-was in a class at the time. But paper containing the formula, and down the hall, and now stood in the

missed class. When he didn't an volved. Same paper and typing as you remember the old revolvers I used swer roll call this morning I knew the notes. . . . But where did he get for target practice in the country?" something serious was the matter. At that Riemann-Christoffel tensor? "Thought you'd thrown 'em away

MEAN?

Don't be helpless when you suddenly get a headache. Reach in your pocket for immediate relief. If you haven't any Aspirin with you, get some at the first drugstore you come to. Take a tablet or two and be rid of the pain. Take promptly. Nothing is gained by waiting to see if the pain will leave of its own accord. It may grow

worse! Why postpone relia? Aspirin tablets will "save the not depress the heart.

day." They will always ease a throbbing head. Quiet a grumbling tooth. Relieve nagging pains of neuralgia or neuritis. Or check a sudden cold. Even rheumatism has lost its terrors for those who have learned to depend on these tablets.

Gargle with Aspirin tablets at the first suspicion of sore throat, and reduce the infection. Look for Aspirin on the boxand the word Genuine in red. There are many times wien Genuine Aspirin tablets do



"Pyne mentioned the fact that good enough to take us to Mrs. Druk-Sprigg had called here Thursday ker."

night," put in Vance. notion of applying the higher mathe- per: 'Johnny Sprigg, Johnny Sprigg.'

asked Vance. "Used to. But no more. A beautiful game, though-if it wasn't for the players. Queer crabs, chess players." "Did you ever make any study of the Pardee gambit?" (At the time I could not understand the seeming irrelevance of Vance's questions; and I noticed that Markham too was beginning to show signs of impatience.)

"Poor old Pardee!" Arnesson smiled unfeelingly. "Not a bad elementary mathematician. Should have been a high school teacher. Too much money, though. Took to chess. I told him his gambit was unscientific. Even showed him how it could be beaten. But he couldn't see it. Then Capablanca, Vidmar and Tartakower came along and knocked it into a cocked hat. Just as I told him they would Wreeked his life. He's been fussing around with another gambit for years, but can't make it cohere. Reads Weyl, Silberstein, Eddington and Mach in the hope of getting inspira-

who had been filling his pipe as he Vance gave him briefly the details talked. "Was Pardee well acquainted with Sprigg?"

"Oh, no. Met him here twiceconcluded. "Could you, Mr. Arnes- that's all. Pardee knows Drukker, well, though. Always asking him "Good Lord, no!" The man appear- about potentials and scalars and vec-"Was he interested in the Riemann-

"Can't say that he was. A bit out

Vance leaned suddenly toward the maniac. Obviously the same merry- curvature of space-time to a chess-"What do you make of this formula

A few moments later there was the him had become uppermost. "A nice "Don't make anything of it. If it sound of a key in the front door, and problem. You've told me everything! had been in Sprigg's handwriting I'd Arnesson strode down the hall. When I'll need every known integer. Maybe say it dropped out of his pocket. But he saw us he came quickly into the I'll hit upon a new mathematical who'd go to the trouble of trying to

Arnesson took his pipe from his "Bis.iop X. We'll have to find him.

"Obviously." Vance spoke languid-

"Oho!" Arnesson chuckled with unrestrained delight. "Sits the wind

Vance sighed theatrically. "Sad . . . sad! And I had such a

comfortin' theory." Belle Dillard had come silently

"But there are two revolvers in the Brightest man in senior math. Never "The Bishop, I see, is again in- house, Sigurd," she declared. "Don't

the lunch hour every one was buzzing Now, if it had been some other tensor long ago." Arnesson rose and drew about murder. . . . What's the an- -like the G-sigma-tau, for instance- up a chair for her. "I told you when any one interested in practical phys- we returned from Hopatcong that "We haven't the answer, Mr. Arnes- ics might have hit on it. But this summer that only burglars and ban-

Sprigg was shot this morning with a 1 was talking to Sprigg about this protested. "I never know when you're And little people singing "And you kept them, Miss Dillard?" ame Vance's quiet voice.

"Why-yes." She shot an apprehensive glance at Heath. "Shouldn't Upon her way to sea. I have done so?" "I believe it was technically illegal. The fairies flock and mingle,

However"-Vance smiled reassuring- Till blows an elfin horn, ly-"I don't think the Sergeant will And gallop from their dingle invoke the Sullivan law against you. Two ring-straked unicorn. Where are they now?"

They're in one of the drawers of the Be off! Be off a maying: tool chest."

lard, as to show us where you put them. I have a gnawin' curiosity to Pidwidgeon, brownie, nixie see 'em, don't y' know."

nodded she turned without a word and A white hare danced a measure led the way to the archery room. "They're in that chest by the win-

dow," she said. Going to it she drew out a small deep drawer in one end. At the rear, beneath a mass of odds and ends, was

a .38 Colt automatic. "Why!" she exclaimed. "There's "It was a smaller pistol, wasn't it?" port from federal inspectors at Winonly one here. The other is gone."

asked Vance. "Yes. . . ."

"A .32?" The girl nodded and turned bewild-

ered eyes on Arnesson. "Well, it's gone, Be.le," he told her. with a shrug. "Can't be helped. Probably one of your young archers took it to blow out his brains with after he'd foculed at shooting arrows up the

it have pone?" "Ha! Another dark mystery," scoff-Arnesson. "Strarge disaprear-

ance of a dicarded .32." Vaner changed the subject. "Perhaps, Miss Dillard, you'd be

"Oh, you musn't bother her today." "Oh, he did, did he? . . Thursday- Her tone was tragically appealing. that's right. Pardee was here, too. "Lady Mae is very ill. After she'd And Drukker. We had a discussion seen you and Mr. Markham the beon Gaussian co-ordinates. This tensor came very weak-something terrible came up-Drukker mentioned it first, seemed to be preying on her mind. I think. And Pardee had some mad She kept repeating in an awful whis-

"Whitney Barstead." "A good man," nodded Vance. We'fi

de nothing without his permission." (To be continued.) What New York Is Wearing

BY ANNABELLE WORTHINGTON

Illustrated Dressmaking Lesson Furnished With Every Pattern



Here's one of the most popular little imports of the season.

It's typically French with its brief yoke and beruffled trim. There's a pocket for the hanky too. And accompanying bloomers that peep beneath the hem of the frock. A smart outfit that is not alone practical but dressy enough for any little girl of pre-school age.

It is fashioned of a sturdy cotton broadcloth print in blue and white coloring. Crisp white organdie trim adds a dainty finish. Style No. 2809 is designed for

sizes 2, 4 and 6 years. Size 4 requires 2% yards 32-inch with % yard 35-inch contrasting. Nile green pique with white pique is very smart. The ruffling

may be picot-edged. Sprigged dimity, printed lawn, batiste, dotted swiss, gingham checks, linen and percale are other fabries that give excellent service. HOW TO ORDER PATTERNS.

Write your name and address plainly, giving number and size of such patterns as you want. Enclose 20c in stamps or coin (coin preferred; wrap it carefully) for each number, and address your order to Wilson Pattern Service, 73 West Adelaide St., Toronto.

Moon on the Thorn

I hear the grey geese winging "But I didn't believe you," the girl Between the stars and me, A valley fox is crying.

A mountain cat replying, A far off river sighing

I hear the creatures neighing, "Downstairs in the archery room. Come, monkeys, cease your playing; The moon is on the thorn!"

"Would you be so good, Miss Dil- Then kohold, deev and pixie, The girl hesitated and looked to And where they took their pleasure, Arnesson for guidance. When he At midnight hour of leisure,

-Eden Philipotts, in Country Life,

Holding Doesn't Pay

Holding eggs for a "rise in the market doesn't pay, as a recent remajority of receipts are of good quality, although some held eggs are in evidence. These invariably grade seconds, showing the fallacy of holding perishable products for any length of time in anticipation of a higher market." At the time this report was received the spread of extras over seconds was five cents per dozen. The Egg Marketing Service of the Dominion Department of ed. a little frightened. "Where could Agriculture urges farmers to market tion, which naturally is as soon after laying 23 possible so that they will get the benefit of official grading.

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slope, expecting every minute to be our way back through the gorge. On I phoned her doctor and he came right our last, then found ourselves falling a flat rock in the stream we sat down

on his vhiskered face.

trees. It was through that tunnel we must go il we were ever to get out. The air was alive with hot cindersand the light was so uncertain that we had no idea whether the sun was shining or not.

When the water grew shallow I waded around slippery boulders, and crawled over ledges where the swift, white current pulled and tugged at my clothes and often swept me off my both of vs. Scottie was clutched un- climbed out on the side of the basin. where the 89th meridian of west feet. It was painfully slow work for fast as I could.

ledge for support while I rested.

or thirty-five feet into a round basin the underbrush-some heavy animal was done the initial azimuth (true had bored this big hele in the rock, a porcupire. The crashing grew ment of the work of demarcation. As into which the water tumbled and nearer . . .

We han slipped down the burning; Slowly, step by step, we retraced "Do you play chess, by the by?" over. She has to be kept very quiet." into space. We shut our eyes, rather to think—the bank was too cool for "Who is her doctor, Miss Dillard?" than see the fiercely burning furnace comfort and the rock was none too that we believed lay below—the sud- cool. Taking off my leather jacket, I denly I found my- carefully cut the heavy leather into self choking for strips, using the sleeves and all. When

the top, and be wedged securely between the walls Bay coast according to the provisions found Scottie of the gorge—that would do it. Final dealing to the provisions swimming in ctr. ly I foun. one the right size. Half dealing with this provincial boundcles up there on the surface, looking floating it, I made my way towards ary. According to statute commencfor me, with a most doleful expression the edge of the falls. One false move ing at the boundary between Canada



der my coat and I staggered along as My turn came now. I straddled the longitude intersects the south coast log, took a tight hold of the leather of Hudson bay. The stream narrowed, and the rock rope, and slipped over. The force of The section of the interprovincial ledges on either side rose to a height the falls was tremendous. The rope boundary from Lake of the Woods of twent, feet or more. It was a re- slipped through my fingers, and I spun northward to the 12th base line and gular gorge. Up over us the woods dizzily around, and with a thump I thence northeasterly to Island lake were burning fiercely, but above the landed in the shallow water at the had already been surveyed and markcrackle and roar of the flames rose edge of the basin. I climbed wearily ed on the ground. The remaining

ing water, and not very far ahead! lighter ahead. I pushed on faster- knowledge was available of the ter-The current grev deeper and swift- and soon we were on the edge of the ritory through which this line would er, and the gorge continued to grow nicest little mountain lake you ever pass. As a preliminary step to sendsteeper and narrower. I clung to a saw. Far up to the right the fire was ing out engineers to survey the line rapidly working down to the lake. To on the ground and erect the neces-Sure enough. Not a hundred feet our left, the woods were burning all sary boundary monuments, it was

and the gerge was considerably wider scratching through. Scottle remem- direction) at Island lake of this 280 at that point. It loo ed for all the bered the bears and stood still with mile line could be computer and world as a some giant with an auger every hair standing straight out like made available for the commence-

(To be continued)

Bordenis Chacolate Malted Mil

The health-giving, delicious drink for children and grown-

. . Pound and Half Pound tins at your grocers.

The Spruces of Canada

The spruces of Canada play an im- bia. portant part in the industrial life of the country and are an asset not fully appreciated by the general public.

Engelmann spruces of British Colum- impossible to navigate a machine in

London schoolchildren of today are, of Canada was therefore asked to There are fiv spruces of commercial at eight years old, nearly an inch tailestablish two intermediate points at importance in Canada, the white, er than those of 1913; while the 12black, and red spruces of the East and year-olds are both taller and heavier intervals on the theoretical line as well as to locate the boundary i r-



So economical



KRAFT Salad Dressing offers everything anyone could ask for in exquisite, refreshing flavor, yet it's sold at a price so low it's within the reach of everyone.

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dalad limeccino Datan Dacomie Made in Canada by the Makers of Kraft Cheese and Velveeta

Fixing the Ontario-Manitoba Boundary

Engineers of Geodetic Survey of Canada, Department of the Interior, Had Difficult

Geodetic Survey of Canada, Departtronomically, two points on the unsur veyed section of the Ontario-Maniin the cool swirling strong rope about ten or twelve yards and Hadron between Island lake Now for a place to tie it at the head terminal point of this line was locat-I fought my way of the falls. I needed a log that could be astronomically on the Hudson Above us the woods burned brightly, I worked one end into a crevise in between the two provinces follows a ed in a smoke-filled tupnel of flaming pushed the other into place against the northwest angle of Lake of the From my shirt 12th base line of the Dominion Land I made a sling. Surveys system. The longitude of With one end this meridian section of boundary of the rope was officially determined to be 95 deg. anchored 09' 11".61 west of Greenwich. At the around my 12th base line the boundary is dewaist, I braced flected to the northeast and extends myself against in a straight line to the east end of the tree and Island lake. From Island lake the lowered Scottie statuatory boundary is defined as a The rope just reached, and he straight line extending to the point

another sound—a sort of deep bass out and there was Scottie watching section from Island lake to Hudson through a long drawn out note. Fall- The wards seemed to be getting this section of country little or no along, the stream dropped over a most to the water's edge. We were necessary to establish by precise ob-Apparently the water fell twenty-five Suddenly there was a scrambling in on the Hudson Bay coast. When this gaged in running this line, it was decided to photograph from aircraft a strip of country from Island lake Hudson bay following as closely as possible the theoretical boundary. From the photographs it was planned to plot a provisional strip map showing the main water routes and topography of such great importance to the surveyor in planning his travel routes and field operations. Unfortunately at the present stage of Prairie Provinces; and the Sitka and development of aerial navigation it is a straight line along a theoretical line 280 miles in length over an unmapped area. The Geodetic Survey co-operate in this undertaking and to

> known points on which to check his course. Geodetic engineers in establishing the boundary terminal proceeded down the Nelson river in canoes and made their way southeasterly along the coast a distance of 170 miles. At the point where the 89th meridian of longitude was found to intersect the coast, the boundary terminal was established and marked permanently on the ground by the erection of a substantial concrete monument. The position of this monument, marking the most northerly limit of Ontario was made more easily identifiable from the air by mapping the neighboring shore lines and other topographical features.

operation would then have at his d's-

In the location of the two intermediate points on the theore'ical boundary between Island lake and Hudson bay, aircraft were used for transportation. Flying over this unmapped area, the aircraft were directed by the methods of aerial navigation until a lake was found approximately on the line of the theore ical boundary. Landing on the lake an astronomical observation for position then permitted a calculation to be made of the distance and direction from the observed station to the boundary. By repeated trials, using this method two points were established close to the theoretical line -one on Black Duck lake about 90 miles east of Gods lake and the other near Sturgeon lake shown on most maps of northern Manitoba on the upper reaches of the Shamattawa river. These points when shown on sketch maps of the local areas will serve to guide the aviators on the subsequent aerial photographical operation, preparatory to the actual work of demarcation

It is foolish for us to tock up the debtor in a debtor's prison and expect tim to pay his debt .- Henry MorganToronto-

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