A BEE'S MATHEMATICS

Listen! returning birds are singing Behold! the grass anew is springing, See clouds of insects vaguely winging In every quivering ray. Gone with its ice and air so chilling, Winter leave Earth's pulses thrilling, Leaves mellow tints and echoes filling, The fair and vernal day.

After bis wintry contemplation And flowery dreams of nume ation,
The bee, with hum of calculation,
Intent on multiplying
His golden grains but not his money,
His waxen cells, and fragrant honey,
Hies to the flowery banks so sunny,
Each hidden bloom espying.

Nor frets like students with vexation, Desiring nothing but vacation, But with right worthy emulation, Honors with usefulness his station. And reputation olden.

A patient, energetic actor,
He needs no patented extractor,
Reckons himself his own prime factor
Of products rich and golden. Victim, perhaps, of past reduction, He bravely aims at reconstruction, And (with the wondrous power of suct Trieth the problem over. In opening buds finds such attraction?

He buzzes forth his satisfaction, While adding many a complex fraction In the white fields of clover. Contrasted with his calm decision. See the gay fly, who, with derision Spreads tinted wings in fields Elysian And mocks the generous bee's division Of all his hard earned treasure: Declares with toss and wave emphatic, With style and air aristocratic That weights and measures mathematic Shall not distress her lite ecstation Or her short hours of pleasure

Throned in her hive the queen reposes ourished with nectar from the roses, And, till her life serenely closes, Practices evolutions. Brood after brood and never wearies. Nor ciphers in confusion. Majestic smiles on subjects, willing Her geometric vases filling, In liquid measure sweets distilling Ere honey dew's dispersion;

Affording such gratuity. As yields a fixed annuity,

Payments in perpetuity, Or treasures in reversion Friends, like the bee, we deem it best Which may induce us to invest In wise and tried securities.

Through earthly loss seek heavenly gain ife in reversion to obtain, And blissful perpetuities.

EDDY'SSEARCH A BRAVE BOY'S BATTLE.

out of the usual track of vessels. will never be rescued - never !"

He chuckled softly under his breath Then, like an evil shadow, he flitted across the brightness of the star lit sands to the temporary camp of Eddy and Gorse. Their fire was burning low, and the red coals lay like fiery eyes gleaming from the midst of gray ashes. He stirred up the coals with a stick, and the reviving glow illuminated the darkness behind it. Penetrating into this darkness. Vellis found in a cool, shaded hollow what he wanted—the keg of

in the same place," he mused; 'I am sure I did. I may need them before reaching Chagres."

Again he stole noiselessly to the shaded hollow, into which the red and fuded gleams of the fire feebly penetrated. The bag of biscuits was there. He seized it and hurried with it to the

No sound came from the tiny blanket cabin in the cool shadows of the trees some rods in the interior. Eddy was still watching and waiting for an attack upon himself. He had not the faintest

enemy.

They sleep soundly enough," muttered Vellis, still hearkening. "I have matters all my own way. I could kill them both while they sleep, and I could will them both while they sleep, and I could will the mother despris when they find a better reverge in the control of the turtle and you can control them how when they find a better reverge in the sunch order them how when they discover move on swiftly toward the Isthmus, Ha.

search of a stone suited to his purpose. There was none to be seen. Then remembered having observed one near the camp fire, and he set out in quest of

It proved to be a bowlder of respectable size, with angularities into which a rope would fit, and quite suitable for the purpose of an anchor. He essayed to lift it, and found that it drew heavily

He staggered onward, softly, stealthily,

beach. The boy and his comrade are asleep. No human hand has touched the raft. I will hurry up and push out!"

that seemed to turn him to stone.

For between him and the raft, and made bim quail.

a dull thud at his feet.

him with my revolver, while you give him the soundest thrashing he ever had.

suspicion of the real movements of his kindness on you before; now we'll em-

the villain expected he would be if he tried to flee. He therefore halted. The build the new fire nearer the raft."

side, and live or six voices address the villain expected he would be if he build the new fire nearer the raft."

"I don't understand a word you next moment the tight grip of the ex-

schoolmaster was in his coat collar,

wretch went through his fearful ordeal. The panting ex schoolmaster having expended his strength and his whips, at last threw the fellow from him, and retreated toward Eddy, wiping his brows with his coat sleeve.

"That was violent exercise, I call it," he observed placidly. "Perhaps now you've some idea of justice, Mr. Jacob Vellis? The memory of this night's work will, I trust, abide with you back. The other reptiles made a quick through the research and concealed himself in a favorable spot, where he waited for his prey to come ashore. Presently a great fat turtle, followed by two others, came straggling up the sand, leaving behind them a slimy trail.

As quick as thought, Gorse leaped out and overturned the foremost upon his back. The other reptiles made a quick through the research and everturned the sea in front of it.

"I wish I could roll it," he thought, but that would arouse them in the hut. I shall just have to carry it. Once get this on the raft, and I'll push off from the island."

With a heart full of an infernal glee,

carry the thing to the raft or die, that's . He made a movement as if to advance, fluid it contained with the clear

came from the hut. The air was still, save for the murmur of waves and the soft, steady rushing of the winds among the plumed tops of the palms. Looking the plumed tops of the palms. Looking toward his goal, now so near, with his sould be soft and pluck from the first moment I saw you, but I didn't know when the soft the plumed tops of the palms. Looking toward his goal, now so near, with his sould be soon to rest while they watched such that down the such that down to rest while they watched such that down the such that do

close beside the latter, two figures had silently ranged themselves. They carried we could never have made another raft. I'll make a decent show for Hetty—" loaded and saw, too, how precious near woods and down upon the beach. The bowlder he carried dropped with twe were to being marconed for the rest of our days. my heart went right down to leave me here to die? Stop, I say! I into my boots. I tell you, Popinjay's am going with you. I am going on your

membered that its usefulness had been you've got 'em —or think you have—and down upon the arms of his enemy with impaired by the horough soaking in then again you haven't. Hetty's a prime such force and dexterity, that Vellis let However, the Captain was membered that its usefulness had been you've got 'em -or think you have-and impaired by the thorough soaking in sea-water it had received.

Gorse smiled grimly.

Gown on your knees, you rascal!" he likes to eat, and I m afraid, if Popous knew Ichabod Gorse a little better, you'd tumble down in short metre. I sea-water it had received.

However, the Captain was charmed such force and dexterity, that Vellis let piece of calico, pretty and pert and go, with a yell of psin, and set up a chorus with his gifts, and the freedom of the with his gifts, and the freedom of the lively, but she likes to flirt as well as of lamentations that would have done the Americans. Nothing on board was too good for their use: no courtesy too great to show them.

Before he could regain his hold on the part to make the greater sacrifices for the countries, their minds revert to their homes, and they feel that there is no board was too good for their use: no courtesy too great to show them.

Before he could regain his hold on the part to make the greater sacrifices for the countries, their minds revert to their homes, and they feel that there is no countries, their minds revert to their homes, and they feel that there is no countries, their minds revert to their homes, and they feel that there is no countries, their minds revert to their homes, and they feel that there is no countries, the countries, their minds revert to their homes, and they feel that there is no countries, their minds revert to their homes, and they feel that there is no countries, their minds revert to their homes, and they feel that there is no countries, the countries, their minds revert to their homes, and they feel that there is no countries, the countrie in't a patient man, by no means. earry off Miss Plummer before I can fetch around. You see, old Skinflint,

Tie idea was acted upon. Eddy transported the dying embers of the fire schoolmaster was in his coat collar, and te was writhing under a chastisement as powerful and as terrible as the long pent-up wrath and stout arm of the Ohioan could devise and administer.

Moaning, shrieking, screaming, the wretch went through his fearful ordeal. The panting ex-schoolmaster having Meanwhile Gorse hurried down the beach every long transported the dying embers of the first and proceeded to gather drift-wood, which he piled upon it. In a few minutes a great fire was blazing brightly, and its glow lit up the sands, the vegetation behind it, and the sea in front of it.

sects, or the flutter of some bird upon the sects, or the flutter of some bird upon the sects, or the flutter of some bird upon the sects, or the flutter of some bird upon the sects, or the flutter of some bird upon the section of the section of

upon Veilis, who, with a howl, turned from the island spring, Gorse trading the keg to the raft

but heavily.

Presently he came within view of the raft, and he halted again. No sound won't sleep much to night after the sat down to rest while they watched

toward his goal, now so near, with his soul glowing with sinister exultation, Vellus suddenly started.

Surely the raft was higher up on the sands than when he had left it.

"I must be going crazy," he muttered. "Or the waves have dashed it up on the beach. The boy and his comrade are asleep. No human hand has touched the raft. I will hurry up and push out!"

He removed forward with renewed of started as cool in time of danger as a veteran encumber. By George! If you owed me anything for saving you from the burning steamer, you've paid it up handsomely. How did you discover what the chap was at?"

"I heard a grating noise on the shore," replied Eddy modestly, "and I peeped out, thinking Vellis might be creeping up toward the hut. I saw him in the not that treacherous alligator'd spring to the raft. Then

He removed forward with renewed speed.

He had approached within ten paces of the raft; already he felt assured of his complete triumph—already he was gloating over his supposed success—when, raising his eyes, he beheld a sight that seemed to turn him to stone.

For between him and the raft, and the supposed success and the supposed success and the supposed success.

For between him and the raft, and the supposed success and the supposed success are supposed success.

The supposed success alligator'd spring that treacherous alligator'd spring on us.

After a little, as the morning began to glow in its tropical splendor and the supposed success and supposed success are supposed success.

Then we concealed ourselves in the shade of the trees till be came up."

The thing was well managed, well the pace of the supposed success are supposed success.

The was concealed ourselves in the shade of the trees till be came up."

The thing was well managed, well are supposed success and supposed success are supposed success.

The was concealed ourselves in the shade of the trees till be came up."

The two sprang aboard, seized their paddles, and pushed off.

"Popinjay's stock's going down to us if Squatty had got off with our raft, as he thrust his paddle energetically into the water and sand. "I begin to think."

pistois in their hands, and their stern We should have had to settle down as At this juncture, with a roar and a taces and their stern eyes were fixed upon Serrano did. I tell you, Eddy, when I bound, his visage inflamed, his eyes the midnight marauder in a gaze that came down to the shore and saw the raft rolling, Jacob Vellis came through the "Stop!" he yelled. "Are you going

"This craft don't take passengers,"

Any doubts as to their destination which might still linger in the breast of

Vellis cowered before his accusers.

"Ill tell you what to do with him," and partox of breakeast. Then Gorse aid Eddy, in his shrill treble. Let us leave him to the care of Him who spared even Cain, his brother's murderer. We don't want his life, Ichabod. Let him live—"

"Just as you say, Eddy," muttered Gorse dejectedly. "You're the doctor." "But we'll give him something to remember us by," continued Eddy, his is a method over him with my revolver, while you give him with the dock!"

"It's a small const vessel," said Gorse, leaping to stronged imprisonable."

"Loyalists, a body of men possessing the und of the port, and came pushing her way into the dock, passing the don't head their lives and suffered cruel and of the port, and came pushing her way into the dock, passing the small schooner. The steamer's deck was awakened by but as he'd never harmed me, and his beauty for him and tor Hetty;

"Just as you say, Eddy," muttered Gorse dejectedly. "You're the doctor."

"But we'll give him something to remember us by," continued Eddy, his is a single—I let him silide. Eddy, this is a world of sorrows."

The boy sighed.

"It's a small const vessel," said Gorse, cying her keenly. "We will signal her."

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The boy sighed.

"It's a small const vessel," said Gorse, clutching him she will be gan—"Oh, Ichabod!" he price in the young man's and partox of breakfeast. Then Gorse had of the port, and came pushing her way into the dock, passing the don't steamer's deck was in the dock, passing the small schooner. The steamer's deck was in the dock, passing the don't want the dock, passing the don't want the dock, passing the small schooner. The steamer's deck was the facty in the dock, passing the don't the head of the port, an

However, the Captain was charmed

purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth and his whisp, at purpose of an analor. He casepth his week fell of an informal gles, he casepth and began the stealthy transit of the same threatened to drop that his while her fell of an informal gles, he casepth and began the stealthy transit of the same. He casepth and the purpose of the same threatened to drop that his while her fell of an informal gles, he casepth and his while, and his while and his while, and his while w

The vessel-then resumed her, course, leaving the disamantled raft at the merey of wind and sea.

"Well, here we are," observed Gorse, tash began to stride to and fro on the deck. "I wish these people could speak a civilized language, but we can't have verything our own way, as I've pretty well found out. It would be funny though if the word Chagres wam's Chagres at all, and they were going elsewhere. I goese I'll look the bare does after the horse is stolen, by making sure where they are going, now that we've leave the surface and have got to stick to come, willy, nilly."

It was easy to pick out the Captain f, from the crew, and Gorse addressed himself to isin, assuming a more than Spannsh politeness in his desire to plesse.

"New York I' he said loadly—New or sprang isto it in a very quiet profilery and the crew where the placed his the fine the statement of th "New York—Chagres!" said Gorse, growth of natives of the soil or those too young to remember the land of their birth are coming into view as an important element in the community; and it is to that class that I particularly address mainly look for the creation and growth of a Canadian national sentiment.

The pel will see presently, for I'm blemed if I quite understand their lingo," observed Gorse. "This is worse than disping prairie—this talking in a large."

The pel will see presently for I'm blemed if I quite understand their lingo," observed Gorse. "This is worse than disping prairie—this talking in a large."

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The pel will see presently for I'm blemed if I quite understand their lingo, "Observed Gorse. "This is worse than disping prairie—this talking in a large."

The pel with an air of flattery.

The power of the soil or those too young new sending newspapers to friends in England, when we remember the land of their birth are coming into view as an important the captain placed his hand on the to friends in England, when we remember the flee min and have retired; and we have but our from the Military Schools. England can supply us with any amount of aras and munitions of war. We have but our front to defend; on the right and on the the left we have the Pacific and Atlantic occans, and on them the fleets of Old great service to our country, especially in the matter of sending newspapers to friends in England, when we remember the land of their birth are coming into view as an important the matter of sending newspapers to friends in England, when we remember the that a large number of young men trained to friends in England, when we remember the to friends in England, when we remember the the that a large number of young men trained to friends in England, when we remember the to friends in England, when we remember the tof friends in England, when we reme growth of natives of the soil or those too within one hundred miles of them.

at this juncture and hove to, five or six swarthy faces looking over the vessel's side, and five or six voices addressed the rafteman all at once in Spanish.

"I don't understand a word you say," said the Ohioan desperately. "If you could understand Latin now— We are an understand and on the continuation and understand a word you say," said the Ohioan desperately. "If you could understand Latin now— We are an understand and on the extreme coldness and to the extreme coldness and undersored to reflex, to that, we ought to give up immediately, for it would be of no use for us to attempt to preserve our independence, as the Yankees could overrum us st once. Thank God, it is not often I hear young Canadian understand Latin now— We are an understand and on the extreme coldness and undersored to reflex, to that, we ought to give up immediately, for it would be of no use for us to attempt to preserve our independence, as the Yankees could overrum us st once. Thank God, it is not often I hear young Canadian understand Latin ow the plant force consists of 33,173 officers and the of the formitian propers of the Empire. The would be of or consistery from the cuttering this sentiment. But the would be of our climate, we only that the other and the couldemency of our climate. We are our artists paint winter seemes, our photo graphers make winter portraits. They are we will the force of the interp

a dull thud at his feet.

Back!'cried the younger of his two opponents, in a shrill, boyish treble, as he presented his revolver. "Back, there, Jacob Vellis. You advance at the peril of your life!"

Wellis involuntarily recoiled, uttering a howl of rage.

"Yes, back, drat you!" said the Glung, land figure property in a strill, heir memory clings to the old sympathies and affections, and their national sentiment. These simple little everyday matters and into the water after the receding float, seized the nearest end of it with both hands, and cling to it w magnificent scenery; they know no other citizens will the more readily be inclined land, and if they do travel in foreign to make the greater sacrifices for the

"This craft don't take passengers," which might still linger in the breast of remarked the Ohioan coolly. "You'll the Ohioan were put to flight a few hours ever of my native land, feeling that the Monitoba, a little knot of true Canadians PUSHING OFF AGAIN.

A few minutes of stealthy labor on the part of Vellis sufficed to partially labor on the part of Vellis sufficed to partially labor on the part of Vellis sufficed to partially labor on the part of Vellis sufficed to partially labor on the part of Vellis sufficed to partially labor on the part of Vellis sufficed to partially labor on the part of Vellis sufficed to partially labor on the part of Vellis sufficed to partially labor on the part of Vellis sufficed to partially labor on the part of Vellis sufficed to partially labor on the part of Vellis sufficed to partially labor on the stout little raft. As it lay half out of water, one end rising and falling uneasily on the waves that bet against the low where the own half of water, one end rising and to our noble Queen, sufficient to disobe per father. Supdiction of the ting, embowered cabin where Gorse lay sleeping and a smale full of suitestic of the first pand a smale full of suitestic of the first pand a smale full of suitestic of the part of the part

mence the war to morrow.

History teaches us what can be done by a gallant people fighting for their independence and their political existence against enormous odds. The history of Switzerland, of Scotland and of Holland,

as well as about 100,000 men, who have

For there's a flag that floats o'er every s No matter when nor where,
And to treat that flag as aught but free,
Is more than the strongest dare."
Behind us we have our frozen region

our forests, our wilderness. They cannot attack us in our rear—they must meet us face to face. They will have to meet the descendants of the old U. E Loyalists, the descendants of those who met them in 1812. They will have to meet Canadians fighting for all that is dear to them, fighting for their homes and firesides, for their native land, fighting side by side with the red cross soldiers under the old flag that for a hundred years has floated proudly over our heads, and that we intend shall in the

future droop over our graves. England, can maintain more troops than the Confederate States. We can man a large fleet -and instead of the North getting 40,000 Canadians to assist her. she would not get one, while thousands Vellis sunk upon his knees on the and.

Vellis sunk upon his knees on the and.

You miserable scum!" ejaculated for the next vessel, my fine and the port of Chagres.

The day and the night too worn on.

The sun was setting as they made and the night too worn on.

The sun was setting as they made and the night too worn on.

The sun was setting as they made and the night too worn on.

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The sun was setting as they made and the night too worn on.

The sun was setting as they made and the night too worn on.

The sun was setting as they made and the night too worn on. now living in the States would return to

at this crisis.

Above all things it is our interest to preserve British connection. We are independent in all but name. We have every advantage we would have if actually independent. We put on our own tariff in our own interest against England as if against a foreign nation; we make our own reciprocity treaties with the United States when they are willing to treat.—
We are practically independent in every
point where it would be of benefit to us.
Why then should we think of it or ask it? Let us consider what we gain by the connection. In the first place, regarding our feelings of loyalty to the mother land, to the Queen for whose predecessors our ancestors have fought. It may be mere sentiment, but a thousand ties bind us to the great nation from which we have sprung, and unless we have good reasons to the contrary we should be true to ourselves and to our traditions, and not sever the link that connects us with the past. We are now a portion of the greatest empire the sun ever shone upon; we have all the prestige, all the power of the Empire at our backs. The ambassadors at every court, the fleets on every sea, the Consuls in every port, representatives of England's power, are in all foreign countries of as much practical value to Canadians as if they were peculiarly Canadian, and yet they cost us not one cent. Were we independent, with our large mercantile marine we should be obliged to maintain a navy, an army, ambassadors, consuls &c., and then we could not do it so wel effectively as it present.

Mr. McDougall suggested an alliance

r protectorate being arranged, as with ask in the name of every young Canadian, of every old countrymen in Canada, of every U. E. loyalist, of every descendant of those who fought at Queens:on Heights, Lundy's Lane and Chateauguay how long would we look on at a war going