THE RED CLOUD CHIEF A. C. HOSMER, Publisher.

RED CLOUD. - NEBRASKA

DY THE GATE OF THE SEA

Ey David Christie Murray.

AUTHOR OF "A MODEL FATHER, "A LIFE'S ATONEMENT," ETC.

CHAPTER L.-CONTINUED. Contrary to Tregarthen's expectation, no mm diate action followed upon his refesal of the Major's uldmatum. A disregarded. No brother officer came near him; he heard nothing about the continuence of his arrest or its discontinuance, and, after waiting in his own quarters until the sense of tedium became too marked to be easily endured. he wrote a careful little missive to the Colonel, requesting to know what form the charge against him would take, ado to make out the inmates of the guished, could make or break the to a bit of crooked twig, which I and when it would be preferred. In re- room. The spectral nine welcomed the fortunes of any production of Mr. Lor- snapped in my hand and threw away. spense to these inquiries came a letter from t e Adutant informing him that the character of the charge was under him. The Leader took his seat with an had the run of the house, and was ly before me, a second snake twisted con deration, that he would receive anable warning of the date on which it would be preferre?, and that he was in the mean time to regard him elf as be- said one, speaking from the cloudiest scenes. ing relea ed from active participation corner. "that the petition yet awaits a There were, perhaps, a dozen men on the lower rong of the ladder leading win recomental duties. Following on this came another letter (signed by were officer of the regiment, with the

This second epi-fie Tregarihon left meanswered, but he appealed to the Ad utsut to know whether he might regard himself as being provisionally at liberay; and being answered in the affirmative, he set out for Lumbon. ile found his story there before him. garbled as such stories are. He had drankenly insulted his Colonel, had thrown a wine glas at Lim in milder versions, had only thrown the contents

execution of the Colonel, the names

ity), meein rupon him the extreme de-

had used a decanter as a miss le He suffered much heart-burning before the court-martial summoned to decourt of honor, they were dashed to pieces. The assemblage of officers and thous in their recommendation that Leshould out the service. This, with the obstinues natural to him, he utterly declines to do; and the upshot of the whole matter was that, when all due formalities had been accomplished, the nearer the mark than he fancied. contumne ous youth was deprived of his commission, and was returned to need then it deserved to be. Discipline most be maintained, and there is no don't that if Cornets were accustomed publicly to rebuke their Colonels for breaches of good-breeding the British

of some nove tv. Tregarthen went home disgusted and mbliffered. The only career he cared for was closed to him for good and all; and even in later years, when experience brancht him more wisdom than two and twenty can commonly boast of, he believed himself to have been un- out of the publisher's profits," said the mustly used.

It reemed necessary to relate this episode of his career for two reasons it strikes a key-note of his character, and mode o. life.

CHAPTER H.

It was about the time of the events just record d that Mr. Ronald Marsh dawned upon London. There are various ways of dawning. The gray way is perhaps esteemed the most prosperous, but Mr. Marsh dawned in vivid ning were inclined to be tempestuous. London is a biggish place to dawn upon, and the luminary whose rays pierce every cranny and corner of it must rise high and shine bright indeed. Now, Mr. Marsh made no pretense (though he knew himself a sun of the first magnitude) to shine upon the vulgar. The for of their understanding was oov ously too dense for him. He did not even count upon illuming the whole of the polite world, as yet. There are men and women in the highest carcles who never get a thrill of warmth or a ray of conscious light out of Aschylus or Shakespeare. Not that Mr. Marsh thought much of Eschylus or Shakespeare, but they had passed up, till now as among the earth's greatest. and they were well enough in the way of parallel or illustration. He was content for the present to be seen and known of few. He would have been content in any way, not to be seen or known at all-at least, he had the modesty to say so to shine unbeeded, and to rejoice in his own strength and ra-

He dawned, then, in fitful splendors, and his signs and portents were first noted in the house of Lady Marguer to Capacine, where he appeared in unstarched linen and apparel of strange device, and with a head of hair like a disorderly halo. He had no actual companions, but two or three satelites accompanied him, rising at his r sings and setting at his settings. Their merely physical aspect was like his own: they wore their hair at as great a length and in as picturesque disorder: their sombreros and their cloaks were as brigandish as their leader's. They thought great things of themselves and of each other; but they swore by the leader, and proclaimed him the Emancipator of Human Thought. They used to say, with every evidence of sincerity, that when the Leader gave his poems to the world the pillars of a worn-out

system would be shaken. The Leader could occasionally be prevailed upon to repeat or read a mere fragmentary extract from his work, and the appetite of his followers grew with what it fed on. In these excerpts the world was called upon to break its fetters-not particularized with clearness -and there were mightily sonorous passages about the "degraded gods" and the need for their complete abo-

Nobody can live always at extremest high-pressure, and Mr. Ronald Marsh went about sometimes quite like an ordinary person At these times he who were literary, artistic and theatrical. Bohemia is a sparsely-peopled country now. One or two men who really knew its crowded haunts and its in the corner, 'requires an art which few solitudes, its cheerful highways and sad byways, wrote about it and made the inevitable cloud of imitators and pretenders, and made poor old Borrimer. "Wast till you see the bessis an impossible place to live in lady, gentlemen, and you'll say with lady. Gentlemen, and you'll say with lady.

any longer. Its name is so cheapened | me that no adverse criticism can get that the very mention of it has a ring | near her. I defy the crowd of you. of sham reutiment and sham mirth; And now, though I grieve to leave you, even its tried gold has been so lacquered | dear boys, alt, I must be off to rethat it looks like pinchbeck. But there | hearsal." late as Ronald Marsh's day, and the into it, and tried to feel as if he were native there.

There was, and is, a dingy back room in one of the oldest houses in the Strand. a mere box of an apartment, in which, by crowding themselves uncomfortably, ten men of average breadth | beauty, too. First dress rehearsal this of beam can sit around the clumsy cen- afternoon. You shall just take a seat ter table. Half one side of the room is | in the circle, my boy, and then you shall occupied by a window, but the smoke- give me an opinion. increasted wall of a neighboring buildgraesome twilight reigns within the Marsh's critical powers as the young day or two went by, and he was simply apartment even at noontide. There, gentleman himself enjoyed, nor had he, write, spectral-looking figures sat and expres ed, but he reverenced "a nob," ures and the drama, and on the men of the most influential order. The poet emptory. played. The air was beavy with tobac- guerite Capucine, his sister-in-law, who and this is the way he tells of it: bles, and a new-comer, entering from ion in the upper circles. Neither she I saw a small snake in my path. I the fresher air of the Strand, had some | nor any other lady, however distin- | kicked it with my boot, and it turned poet with grave voices, and wedged rimer's; but the manager had an exalt- I thought nothing more of the matter themselves closer to make room for ed idea of her usefulness, and the poet until I reached the barn, when, directair of modesty, and the spectral nine young enough to enjoy the satisfaction across the boards. With a quick began to chaff him-

moving his sombrero, and passing a rest scattered over the dress circlehand of unusual whiteness through his when the curtain rose and discovered following each other in order of sen orauburn locks.

regiment, and suggesting, in terms of and waving the smoke aside with one | competent, though a little old-fashioned stude I positene s, that even the serv- hand-"signed by the crowned heads and somber until Resalind came upon ice at large might manage to get along of Europe, the Pope of Rome and the the stage. Miss Churchill bewitched English Archbishops, and now awaiting the poet as she had bewitched the dom, and then I staggered feebly out the signature of the Metropolitan of the Counct in the little country town, only into the open air. I leaned against a Greek Church at Moscow.

the poet, daintily lighting a cigar. charmed than a commonplace person clung to a post and closed my eyes. "What is the object of the petition?" "Gentlemen" orded the man in the corner, "I appeal to you: "Is it not her to his friends, and at the fall of the day, and soberer than I had been for

on such a topic." "Unfair in the extreme," said eight | There he met Lorrimer, and fell on him | back to the house. solemn voices. "Disingenuous," one with praises, tooth and nail. of the glass-in versions even stronger, added, when the grave murmurs had died away. They all echoed -"Dis- formance! There's something in it - many promises that hadn't held water, ingenuous

cide his case was appointed; and if he ready enumerated," said the man in in badinage; one seeks in vain for a terrible fight, with the thirst of a the corner, "address their petition to words of enough aptness and delicacy chased fox upon me. Water wouldn't you, sir, and entreat you not to smash and descriptive amplitude; but one is quench it, and I tried milk. I crept things. They dread the advent of your | delighted - one is borne away. I must into the milk room, slipped a straw gentlemen who investigated the history coming volume. They beseech you to really make a point of being allowed into the edge of a cream-covered pan, of the quarrel were unanimously spare the Christian faith, and to al- to do the notice in the Scourge. They and sucked out the milk until only the against bin. They were also unsate low monarchical institutions a final praise so rarely there that one will have cream was left, lowered smooth and

in jest, and the man in the corner was | sent me, Lorrimer-you must really."

"If the prayers of the great can not move you," pursued the man in the to her toes, was standing, with a somethe world with a character more dam- corner. "you are a man, for you are a what embarrassed air, looking up at a too sore and fearful to be spoken of, poet—the greater includes the less— picture on the green-room wall. and you may be moved by the petitions of the lowly. I have a maiden Lorrimer. "Mr. Ronald Marsh, the shop lay by the groggery. When I aunt, a harmless creature, who resides | most charming of London's poets." hard by, and clear starches for a military service would enter on a phase | Bishop. If you destroy the Church | you take away her means of livelihood. Smite the lofty, if you will, but spare the humble. Spare my maiden aunt."

> All the solemn voices murmured, led by a man in another corner: "Spare. oh, spare his maiden aunt!" "A special fund shall be set apart

provided for." human after all. He can gleek upon However much at her case she might it furanches an explanation for his after- occasion, like the Athenian weaver." | be on the stage, she had at present but | became of the milk?" he was asked. bo om," said the man in the corner. off it. But the gentle flattery of ladies told her on her deathbed." "Let us stand him drinks. Lorr mer, was the post's social strong-point, or so when the glad child of the sun broke in he fancied. Somebody called Lorrimer finished, with her hand clasped in upon us you were in possession of the aside, and Mr. Marsh saw nothing mine, 'Jim, I knew it all the time.'"

silent. A harp less varied than thine | so recently spoken. own awakes in praise of beauty." splenders, and his glories at the begin- | beamed rubicund and jovial through the | supernal performance. So sweet a tenknowledge. It was I who found her. has never been my happy lot to meet the face is a shapely, fine-cut nose. If I have no pretense to classical attain- for words of enough aptness and delments, gentlemen, and I wish that our leavy and descriptive amplitude. One gifted young friend could describe her is delighted one is borne away."

> she makes her debut," said the man in had returned, unheard, and stood with the corner. "But, in the meantime, a broad grin at his elbow. The poet, who is she? Where does she come encountering the manager's smile, read

bought a bit of fishing at a place called | an old play. Lickey, down in Berkshire. Little bit "I am obliged to you, sir," she said. and the worst company I ever saw. stage. "Excuse me, sir, my call." Burnley asked me down, and, of course, night. Play was, 'As You Like It.' As however, was not for the stage. The Rosalind, and I thought I must be of her head, to demand leave of the forty years, and I am not easily swept from the room.

moved. "Wrong, I orrimer! You are more easily moved than ever." said the man in the corner. "We all are. We cultivate the emotions until they master us more readily than they used. Gin unsweetened is the next best thing in the pursuit of an artistic calling: Take them both together, and you are blessed indeed. You can weep at any moment. Will you ring the bell, Lorrimer? Thank you. Waiter-gin, unsweeetened.

"Well," said Mr. Lorrimer, "I've seen 'em all for forty years, and played to most of 'em; and, only give the new one a bit of practice, gentlemen, and she'il beat the lot of 'em. Into sticks," he concluded, beating the table two or three times with the palm of his hand-"into sticks!"

"What is the wonder's name?" asked "Her name is Churchill," said Mr. Lorringer "Miss Churchill. And when the Siddonses and the Bracegirdles and the Oldfields and the Kellys and the Keelys are forgotten, she will be remembered. She's unequaled. There

never was anything like her." "The puff preliminary," said the man only Lorrimer has mastered. Dramatic critics, hold up your hands. Five; and

was a Bohemia worth knowing even so Two men rose to allow him to unwedge himself from between the table great young man sometimes strayed and the wall. As he passed the poet he touched him on the shoulder and gave him an inviting backward nod Mr.

Marsh arose and followed him. "Now you're a judge of acting." said Mr. Lorrimer, when they were in the Strand. "You're a judge of female

The theatrical manager had not "I am sorry to tell you, Mr. Marsh," performance by getting behind the whip-lash. A sudden horrible fear

"What petition?" asked the poet, re- house - two or three in the pit, and the from my forehead. Adam and Orlando. For those days, "The petition," re-ponded the other, the revival was to be unusually magnification corn-stalk that soon began slowly to strableness of a withdrawal from the Lending forward to be more impressive, cent and complete. The acting was wriggle and curve. With bursting eyewhen he was charmed the poet felt it fence, and, for fear I should see more "I do not read the newspapers," said was his duty to be somewhat more of those horrible twisting things, I could dream of being. He coined strange epithets wherewith to describe self, whisky and you part company tounfair for Mr. Marsh to feign ignorance curtain on the third set he made his many months, though with no more

> Lorrimer, consenting, led the way. Rosalind, in a fur cloak which reached

"Permit me, Miss Churchill," said There are few things less pleasant, as

every modest man knows, than to be sued. I made the distance. I ran hard praised effusively, and yet below one's all the way home to dinner, and back obvious merits.

poet, bowing, "Not at all," cried the manager,

"not at all." The tall and stately Rosalind vouchsafed one glance to Mr. Ronald Marsh, poet, "and your maiden aunt shall be offered him something between a nod and a mutilated courtesy, and resumed "He unbowds," said one. "He is the study of the picture on the wall. "Let us take him into our collective a poor imitation of self-possession when ear of the house. Continue. Poet, be better than to repeat the speech he had

"A supernal performance, Miss "Gentlemen," said Mr. Lorrimer, who | Churchill. Really, believe me, quite a smoke, "she is a stunner! I do not derness in chiding-such a dignity in speak unadvisedly or as one who has no repose-such courtliness in badinage it She has the grace of Venus and the upon the English boards. I assure you, this is deformed, the whole face is invoice and figure of a what's-his-name. Miss Churchill, that one seeks in vain

Before Mr. Marsh had got more than its meaning and blushed at detection. "You shall know all I know," said Miss Churchill, who had kept her eyes Mr. Lorrimer, with a superfluous ap- upon the picture while he spoke, looked pearance of candor. "Burnley has round at him like a disguised lady in

of a place, with little bit of a theater, with something of the accent of the She walked to the green-room door, with no hing doing at the end of May, at which the call-boy had indeed at that down I went. Went to the theater first | moment bawled her name. The call, I liked it, it was the most fearful rub- boy handed her a letter, a formal-lookbish ever staged. Even Shakespeare ing document, in a large blue cover, couldn't live through that interpreta- with a splashed seal of red wax. The tion. But, begad, gentlemen, in walks actress seeming, by a slight inclination dreaming. Such a figure, such a voice, manager and the poet, broke the seal, such a stage presence, such a style! and, opening the leiter, began to read. Face not particularly pretty, but sweet | The poet watched her the while, and and expressive, and all that sort of saw a blush rise beyond the line of thing. Made me laugh, begad; made | necessary rouge upon her cheek. Lookme cry; did what she wanted with me. ling up, she caught him in the act of I've been in the profession now for staring at her, and with a courtesy she Mr. Marsh felt that he had fared but

poorly, and stood sucking at the knob of his walking-cane with a more vacuous aspect than a great man often wears. By and by, finding that Rosalind did not reappear, he strolled back to the dress-circle, where he lounged with upward glance, and rested his auburn head upon his hand in the most approved poetic manner. He was so absorbed in thinking of what the other people in the dress-circle were likely to think of him, that for awhile he did not notice that the curiain still lay between him and the long since exploited and exploded fairyland of the stage. By and by the scattered depizens of the dress-circle drew near each other and laid their heads together. Then Lorrimer appeared before the curtain and the floats, as if in act to address the limited audience, but he retired with-

out saying a word TO BE CONTINUED.

-In a household in Buncombe County, N. C., a large dish of peanuts has been placed on the dinner table for dessert every day in the year since the lady of the house took a fancy to the fruit thirty years back .- N. Y. Herold.

-The Boston Courier thinks there

TEMPERANCE READING.

SHE KNEW IT.

Esperience of a Drunkard Who Broke the Habit that Enslaved Him.

There is a retired cobbler living in this place who deserves the respect of his countrymen for moral courage.

Ten years ago he was, and had been for a long time, a confirmed inebriate -not a periodical spreer, but a genuine soaker, warranted not to draw a sober breath from sun to sun. Occasionally the fumes of the whisky with which he plied himself would clear away from his befogged brain, and at such times ing rises within two yards of it, and a nearly so high an opinion of Mr. his mental equilibrium would wrestle with the problem of total or even partial abstinence, to be utterly wrecked once a week, in the days of which I perhaps, even so high an opinion as he at the sight of his haunts or the first faint call of his system for the stimuheld high converse on books and pict- and Mr. Marsh was undoubtedly a nob lant which long use had rendered per- The inquiry has resulted in the concluand women who wrote, or painted, or was hand-in-glove with Lady Mar- One day, however, a halt was called, co-smoke and the scent of strong pota- had a good deal to do with artistic opin- "I was on my way to the barn when

of taking off the glamour of a theatrical spring I seized it, and it proved to be a ably the ocean-to masses of incandesmade me faint and weak. I sat down and women sprinkled about the dusky to the loft and wiped the cold sweat

"'Snakes, by Jericho!" I exclaimed.

'That means business.' "Then I stared straight across at a balls and all the strength of mind I possessed I forced that corn-stalk back from the animal to the vegetable king-

"Time is called, Jim,' I said to myway round to the back of the stage. strength than a baby, I managed to get

"There was a fight, though. I didn't "My dear Lorrimer, a supernal per- tell my wife; for I had made a good a je ne sais quoi -- a tenderness in chid- and I thought I'd go it alone for "The distinguished personages al- ing, a dignity in repose, a courtliness awhile. I got up in the morning, after a chance of making an impression. My unbroken to the bottom. Then I tack-The poet smiled, and caressed his dear Lorrimer, you have discovered a led another and another, until the fierce shaven cheek with the tips of his jewel. I must really make a point of craving was somewhat delled. It was fingers. Many a true word is spoken asking to be presented. You must pre a household mystery what became of the milk. No cat could lap it, my wife said, and leave the sides and cream untouched, and where did it go?

I let them talk, for the struggle was and I went on drinking the milk.

"The road from my house to my left my gate in the morning I took the road, and, on a dead run, as if purafter that meal, never, in fact, trust-"Mr. Lorrimer flatters me," said the ing myself to walk, or even take to the sidewalk for months. The cure was slow. I keep all the brakes hard set yet. A single glass of hard eider would undo the work of all these years, but you can bet that glass doesn't touch my lips while the memory of those little, crawling, black

ceptiles stays with me." "And did your wife finally learn what "Yes," and his voice broke. "I

" 'Jim, dear,' she said, when I had

THE DRUNKARD'S NOSE.

An Emblazoned Signal Worn by All Habitund Tipplers-Other Organs Similarly

One of the most beautiful features of jured, however perfect otherwise. But habitual tippler. It takes on a hated red (more intense as the years go on). "We shall judge for ourselves when half way through his speech Lorrimer | becomes coarse with pimples, or swells out with disgusting and livid protuberances-"toddy blossoms", in the apt and picturesque language of the common people. The tippler may try ever caming the fact to every new

The explanation is this: The alcohol increases the action of the heart and arteries about one-fifth, thus driving the blood to the surface faster than the veins can bring it back. Hence the countless capillaries, whose minuteness makes them normally invisible, are distended with impure blood, are kept in a state of permanent congestion and give rise to the pimples and blotches.

But the nose is not alone in its dishonor and suffering. Every organ of the body is in a similar condition. The bead therefore aches; the sleep is liver is disordered; the tongue is ils of palpitation; the back and limbs suffer frequent pains; and the lungs become inflamed from the slightest exposure. This is not a mere deformity, nor simply a prominent sign of a degrading habit; it is a note of warning to its possessor that his whole system is diseased, and is getting

ready for the drunkard's grave. Says the Medical Reporter: "It is a medical fact that as the influence of alcohol reddens the dram-drinker's nose, and changes its appearance, so it reddens and changes the appearance of every organ of the body; and as the nose thus affected is not in a natural or healthy condition, so every organ of his body is changed from a natural and healthy condition to an unnatural and diseased condition; and as the skin of the nose takes on unhealthy action, so the substance and covering of the internal organs take on diseased action, which results in the full development of incorable diseases, such as insanity. diseases of the heart, Bright's disease of the kidneys, hobnail liver and alow inflammation of the stomach. All these diseases exist at the same time in the dram-drinker, but the organ most diseased is apt to take the lead in the process of morbid action."- Youth's

Mr. SHAW-LEFEVEE, ex-Postmaster General, said lately that there are 1,-000,000 children in England who do not

KRAKATOA.

An Elaborate Official Account of the Great Eraption in 1883. Thanks to the liberality of the Dutch East Indian Government, the world pletely. A resume of the second volume, which deals with the phenomena (the first volume treating the history of the eruption), has appeared in Nature. sion that the disturbance was volcanic and not seismic, though it is ascertained that a seismic movement of the sea bottom occurred in the whole region of the Moluccas. At the same time earthquakes were felt in Australia, and these movements are supposed to result from a connection between the subterranean recesses which lie between Krakatoa and Australia. The theory of the cruption put forward is that of the sudden influx of large bodies of water-probcent matter in the neighborhood of the old volcano.

The whole theory requires a revision of some of the suppositions concerning the thickness of the earth's crust. Mr. Verbeek holds to the doctrine of a central fire, it is certainly necessary to state, and his facts go to show that we are really less removed from it than may seem comfortable. What tends strongly to demonstrate the instability of the crusts is the extent of the disturbance caused by the outbreak of Krakatoa. In some ways it was felt over the whole earth, the explosions were actually heard over an area amounting to one-fourth of the earth's surface, while the air-wave caused traveled all round the globe and back to Krakatoa. The great tidal wave which followed the principal explosions was not caused, it is now held, by earthquake shocks, but simply by the proection into the sea of enormous masses of matter, including one side of the erater itself, and the profuse dis- used in South American towns for - We close with the trust that when charges from it. Mr. Verbeek has cal- street-lamp lighting, and in conjunction the corroding tooth of time shall harkilometers of matter must have been | B., as a substitute for turpentine in plexities of life shall no longer harass ejected, and Nature gives this illustra- mixing varnishes and paints. They the soul, when we all shall gather ourtion: "Imagine a box of ashes as large as Hyde Park and as high as the dome of St. Paul's, a hundred such boxes will give an idea of the mass of matter superior value. thrown out by Krakatos in 1883."

ashes is estimated at fifty kilometers, is relatively free from the obnoxions eternity . Ellijay (Ga.) Courier's New or nearly six times the height of Mount Everest, the highest mountain in the world. Mr. Verbeek attributes the red sunsets to the presence in the air of the further treatment. This distillate, finer particles of the dust, together with therefore, is conveyed into a still, aqueous vapor. These particles he be- where live steam is injected into it, the lieves made the circuit of the earth gentle heat driving off through a pipe twice, being carried westward by a large proportion of its remaining instrong east winds. Inasmuch as the flammable ingredients. The method same kind of red sunsets have been ob- of one of the leading manufactories in served as recently as the fall of 1885, it producing their high-test oil is to inis, however, difficult to accept the ex- troduce the oil in the lower part of a that the volcanic dust has remained in of 206 deg. F., or just below the boilatmospheric suspension for two years ing-point. The oil rises through the and a half is hardly tenable. After the | water, and the vapor which is thus generuption the sea was covered with pumice thickly. Some of this was carried as far as the east coast of Africa; another portion is at present encounter- "agitator" ed in the Pacific Ocean, between the Caroline and Marshall Islands; and the ed with one and a half to two per cent. author calculates that this pumice will of sulphuric acid. Meanwhile a curreach the American coast at Panama in rent of air is forced down a tube sub-

While Mr. Verbeek has made a most to be supposed that the volcanic or the seismic prosems are solved by him. He has indeed gathered data which globe is thinner than commonly sup- flies to its embrace. When the cur- er, said cordially: "Anything else?" explicable points, and a reasonable bination with the pitch is precipitated Rochester (N. Y.) Democrat. probability is the most that can be to the bottom and drawn off. The acid -Mr. Newrich (doubtfully)-"Jane, the phenomena of the great Krakatoa oil. It goes into the agitator as white pers about us? Parvenue? What does eruption .- N. Y. Tribune.

AN ELECTRIC YACHT.

a bad nose is the portion of every The Wonderful Machine Invented by American Engineers.

There is in course of construction at Poillon's ship-vards, Brooklyn, an experimental vessel whose success, when attained, may go far toward revolutionizing the system of propelling seagoing craft. The motor power will be so hard to conceal his habits, but his electricity. The machine is placed in nose is an emblazoned signal, pro- the hull of the vessel below the water- of caustic soda is next applied in like line, and on this account the inventors claim it will be particularly applicable for men-of-war, as shot will not be able to reach it. It need not be fixed amidships, but can be erected either far forward or far aft. This fact will make it of use on sailing vessels, where it may be stowed away under the cockpit of a yacht, for instance, and brought into use during a calm. Great benefit to canal-boats, too, is claimed by the projectors. Anything that floats will be able to use this new invention. it is said, while it would be worse than disturbed; the appetite is poor; the useless in any factory or mill on land. That is one of the greatest coated; the throat is dry; the heart has spells of nalpitation; the back and cost of running the apparatus will be only a small portion of what is needed to operate the present system of ma- those of all other European countries, terrupt me now, Edith," said her father, chinery. The space occupied by the invention will be from one-third to onehalf of that taken up by engines, boilers, etc. The number of hands necessary to work it will also be greatly lessened. If these things be true the immense advantage that ocean steamships will derive from this electric machine is apparent, when it is considered that a steamer like the Oregon employs one hundred and fifty-six men

-The Hindoos say that chees was the invention of an astronomer who flourto beguile the tedium of the siege of Troy. The Arab legend is that it was devised for the instruction of a years despot by his tutor, a learned Branch. to teach the youth how a king was de-

REFINING OF PETROLEUM. The Various Processes Necessary to the

Production of Redned Oil. Processes vary in different establishments, but they are essentially as folhas an elaborate and thorough account lows: The crude oil is emptied into of the great eruption at Krakatoa in stills made of heavy boiler iron, either May, 1883; an account so full, and by in a cylindrical form (placed horizonhands so competent, moreover, that the tally) or with oval top and corrugated full significance of the phenomena is bottom, underneath which is the fur- ford, Conn., has been offered four made apparent. Mr. Verbeek was dis- nace fire. Every refinery has a series patched by the Government in question of these stills, each containing from immediately after the great outburst, to six hundred to fifteen hundred barrels investigate its causes and effects, and The former are twelve and a half feet with the assistance of Mr. J. Schnur- in diameter and thirty feet in length. man has now published the second of The heat of the furnace causes vapors two volumes covering the ground com- to rise from the most volatile portions The water cooks or condenses the vapor J.) Register. into a liquid called "distillate". This condensation in some refineries is efcape into confined boxes of water or condensers. In this box or condenser the vapor is converted into a distillate which passes through a pipe to the "receiving-room", and the water sinks to the bottom of the condenser, and is All distillate is sent to the receiving-

room, where a separation is made ac-

cording to its density. All that is below 60 degrees B. (Baume, standard of density), and down to 40 degrees B., is turned into a tank for kerosene distillates. The lighter portions, or the earlier runs from the still, go into naphtha, gasoline or benzine tanks, while the heavier oils, below 38 deangesthetic. The next product is known ford Courant. this is gasolene, 25 degrees to 80 de- New Iberia Parish, Louisiana, where he grees B., used largely in country has purchased lands, built houses and Park Avenue Hotel, New York, the fruit. It is said that after this season Grand Union, Saratoga, and the Hotel he will retire permanently from the Kanterskill are lighted by this kind of stage and spend the remainder of his to 65 degrees B., which is extensively -N. Y. Sun. culated that at least eighteen cubic with benzine, 65 degrees to 60 degrees row us no more and the tangling perare also used as a solvent to remove selves together and surrender to the stains and grease and for cleaning black banner of death, may the comwools, and for this purpose are of fort of a life well spent and the con-

The elevation reached by the ejected the distillate intended for kerosene. It frain of angels is hushed in the song of and inflammable elements that char- Editor's Salutatory. acterized the earlier runs from the stills, but it is necessary to subject it to planation as sufficient. The theory tank of water heated to a temperature erated is carried away; the remaining portion of the improved distillate is conveyed to a large tank called the

In this agitator the distillate is treatsures the closest commingling and ad- |-N. Y. Graphic. mixture of the oil and acid. The odor, is either dumped in deep ocean burgh Post.

or sent to Barren Island to be used in the manufacture of artificial fertilizers. The next process is to give the disthe bottom, cleanses its contents, reattach to the oil globules. A solution manner to neutralize any remaining they got to that part of the ceremony. traces of acid, and to complete the deodorization of the oil. This distillate has now become refined oil, but to lighten and prighten its color it is withdrawn into settling pans, where it is bleached from twelve to forty-eight hours. It is then barreled or packed in wood-incased tin cans, and made ready for shipment to consumers at home or abroad .- George R. Gibson, in Harper's

MARRIAGE STATISTICS.

The Most Marrying People Among the European Nations.

age annual marriage rate higher than

with the exception of the German and Austro-Hungarian Empires, but, says the Register-General, they also marry at an earlier age than is the case in any other European country excepting Russia. In Russia a very large proportion of the marriages are between boys and girls under twenty years of age: and it is stated that no less than from sixty to seventy per cent. of the conin its engineering department, uses an scripts, who can not be over twentyaverage of two hundred and forty tons one years of age, are already married per's Bazar. of coal per day and has to give up a when they come to be enrolled in the vast amount of valuable space to army. The explanation given of this steam-making apparatus. To cap the strange anomaly by M. Pietro Semeclimax of the claims for value that its now is that in Russia the population owners give this astonishing machine is that it can be brought into use as steering apparatus in case of necessity. habit of marrying their sons at as early steering apparatus in case of necessity. Shabit of marrying their sons at as early steering apparatus in case of necessity. Shabit of marrying their sons at as early shabit of marrying their sons at will be seen that in no other country of the Golden Palace, in his pious of which the statistics are given is the abhorrence of taking life, made no proportion of either males or females preparations to oppose them, they who were under twenty-five at the reached Yandaboo. By then, however, ished several thousand years ago and time of marriage so high as in Engthey had spent vast sums of treasure, was possessed of supernatural knowledge and acuteness. The Combo claim is to say under twenty years of age, leaving them in great distress. But the that it was the invention of Palamates. The proportionally more common in Burmese sovereign in answer to their France; but with this exception, and of course that of Russia, the Sgures them money for their return, and only the England in each of the first two columns, both for males and females, are higher than that for any other cions request, the vern

PERSONAL AND LITERARY.

-Mrs. Gowands Mohawk, of Auburn, claims the distinction of being the only redskin on the American stage, N. Y. Moil.

-James Redpath says that John & Gough has lectured oftener, longer, and refused more offers of engagements than any other man who ever lived.

-Miss Nellie Hobson, of Wallingthousand dollars a year as an art teacher in a Christian College in Northern India, but declined the offer .-Hartford Post. -A remarkable feature of the golden

wedding of Mr. and Mrs. George L.

Vansickle was the presence of six

brothers and sisters of the aged groom of the oil within three hours after firing who were at the original wedding fifty up. This vapor enters a coil, or worm, years ago. Such an unbroken family of iron pipe submerged in cold water. record is rarely met with .- Newton (N. -Mr. W. H. Vanderbilt, only a short time before his death, spoke about his feeted by permitting the vapor to es health, saving that he thought that if

he passed the age of sixty-five he would live twenty years longer. He seemed to have an idea that that was a critical period, a turning point, in his family's ongevity. - Bosion Budget. -Mr. Philip D. Armour, of Chicago, is fifty years old, and was originally from Watertown, N. Y., whence he went to California in 1849. During the

war he made a moderate fortune in grain at Milwaukee. He now employs 5,000 men, and in 1884 exported \$60,-600,000 worth of food products.- Chieago Journal. -When Mr. Julian Hawthorne, the novelist, was a student in Harvard Colgrees B., go into the manufacture of lege, John C. Heenan was his instructor paraffine and lubricating oil. The in athletics, and Hawthorne took so

ghtest vapor is called "rhigolene", kindly to this sort of training that ranging from 115 degrees to 105 de. Heenan used to say to him: "If you'll grees B., though it and the second run put yourself under my care I'll guarare usually turned into the naphtha antee that in less than two years you tanks. When saved it is used as an can lick any man in America." - Hartas "cymogene", ranging from 105 de- - Joseph Jefferson ("Rip Van grees to 95 degrees B., and is some- Winkle"), with his family, has gone to times used in ice-machines. Below his new home on Orange Island, in

iouses for manufacturing gas. The has hundreds of orange trees bearing gas. Next comes naphtha, 80 degrees life in the enjoyment of his new home.

sciousness of duty performed usher us Finally we come to that portion of into grander realities, where the re-

HUMOROUS.

-Teacher-"If your father gives you five apples and your brother gives you three, how many have you?" Johnnie-"I guess, enough for one day."-Totado Blade.

A new book is called "Humor in Animals". There must be some very "brilliant humorists" among animals, or there wouldn't be so many "laughing byenas". This joke is not gnu .-Norristown Herald.

-Student-"I have been thinking upon the subject of the alarming pravalence of divorces, and I almost believe I have discovered the cause." Professor (delightedly) - "Yes, yes; what is it?" Student-"Marriage. Chicago Tribune.

-A colored man went into a Galveston newspaper office and wanted to merged in the distillate. The air es- subscribe to the paper. "How long do capes from perforations at its lower you want it?" asked the clerk. "Jes important contribution to the literature extremity, breaking up the acid into as long as it is, boss; if it don't fit the of a very interesting subject, it is not minute particles or atoms, which in shelves, I kin t'ar a piece off myseif."

-A dry-goods clerk took his girl out pitch which is held in suspension in for ice-cream the other night, and in a supports the theory of a central fire, the distillate has a greater affinity for moment of absent-mindedness, thinkand the belief that the crust of the the sulphuric acid, and consequently ing that he was waiting apon a customposed. There are, however, many in- rent of air ceases, the acid in com- She took lemonade and cake. -

claimed for the inferences drawn from acts as a scavenger, "sweetening" the dear, what is this they say in the paand clear as water, and comes out a it mean?" Mrs. Newrich (composedly) thick, black, and tarry substance, - "Some compliment to our standing known as "sludge" or spent acid. This in sassiety, dear: I don't know many sindge, which has a very offensive of those Italianish phrases."-Putts-

-A composition of one of the boys in a West Side school was as follows: "Girls is the only folks what has her tillate a water bath, for which purpose own way every time and allus does a large quantity of water is pumped to what they is a mind to and don't care the top of the agitator, and failing to nothing about nobody else and father says the less I know about them the moving the light films of acid that may better off I am "-Chicago Telegram.

"Have you got the ring?" inquired the minister of the young man when "Gosh, if I haven't forgotten it! Tell you, parson, don't know what we're going to de unless you use my hitching strap. It's out in the buggy. Guess you can tie us with that, can't you?"-Exchange.

-A Vermont woman, who attempted snicide by drowning, found the water so cold that she changed her mind and went home damp and shivering. Women should know that it is very dangerous to attempt suicide by drowning when the water is cold. They might contract a fatal case of pneumonia. -Norristown Heraid.

The English are a people much given - What is the population of the to matrimony. Not only is their aver. world, papa?" asked six-year-old Editle. no was making up sums for herself on a new slate. "You must not inwho was waiting at the same table. "Go to Miss Smith," referring to her governess. Her father was not so busy. lowever, but that he heard and was amused by her saying in a low tone soon after: "I know how I can find out myself. I'll look in the back of the geography for the United States and for Europe, and then I can add Aust Mary's and Aunt Jessie's baby, and that will give it to me exactly." -Her-

Burmese History.

The history of the first Burmess war is curiously rendered in the chronicles of the Burmese Kings. These authorities declare that some sixty years ago