HOW MEMORY COMES AND GOES

BY DR. ANDREW WILSON.

replies more quickly to the same stimular? And these neurones are not, be it noted, scattered about like the slaves age potentate all ready to perform with equal efficiency any duty that may be qual efficiency any duty that may be cast upon them, but are most systematically arranged in groups, having each its rained by long use.

It was the discovery of Broca, much

HEAVY PLATE GLASS

Chunks of Ice Six Inches Thick Descend During Kansas Storms.

Weather Bureau is a piece of glass one reasonable doubt that the foreign sub- to any one else in the world, but which complishes much with fools, sometinch thick and one foot square. It is stances are carried into the air by he is sure he can trust her to keep times even with sages, and many a loss inch thick and one foot square. It is stances are carried into the air by he is sure he can trust her to keep times even with sages, and many a loss one foot square. inch thick and one toot square. It is stances are carried into the all by de is sufe he can trust her to keep times even with sages, and many a loss severe windstorms, such as cyclones quiet. Of course he must be clever and many a heartacre has been the used as a paper weight, but this is not or tornadoes, and when they become enough to convince the girl of his sinthe purpose for which it was originally intended. A slip of paper pasted that it was at one time part of a skylight in an office building in Topeka, Kan. The skylight was six feet long and two feet wide, the glass being one inch thick.

The story of how the glass became the possession of the United States some of the summer storms. On July 24, 1897, a thunderstorm broke over the wooden bucket over his head, and with ing his poem. During the recital the poet a knife frequently steeped in hot declared: water succeeded in obtaining some to six inches thick and of the sones

about three inches long. More strictly speaking, they were small-sized chunks of ice. One of these hailstones striking a person on the unprotected head would have caused a fracture of the skull or more serious injury. One of the stones hit the skylight and shattered it. It is one of the pieces that is now used as a paper weight by the Chief of the Weather Bureau.

It is estimated that during the summer months, particularily July and August, several hundred damaging thunderstorms occur throughout the United States. They are more severe in the states of the Ohio Valley, but no frequently attended by hailstones, and much damage and loss of life accom-It is related at Weather Bureau that some of the hai!storms are so severe that if one stone should strike a person on the hand the

bone would be shattered. With the exception of the storm at one at Florence Island, N. Y., thing legitimate in it. recorded as being the most severe of any to the knowledge of the weather conventional order of things, and, inofficials. Here the stones first formed stead of the clerk demanding two like icicles the size and shape of a lead weeks' pay gratis, the employee should pencil, about three eights of an inch demand two weeks' work without pay

The freaks of the storms and winds are many and varied, and but little Weather Bureau, except to note the months cannot as well work the whole velocity of the wind or the damage sustained. Now and then there is a pose that a man can in two weeks storm deserving more than passing recuperate from the wear and tear of notice. Such a case came up a short

At Home!

"Maypole" is a cake of soap that washes and dyes at one operation. Not an old fashioned dirty, messy powder dye. It gives brilliant, fast colors—dyes are thing, dyes to any color or shade. ing dyes to any color or shad bye to that trip to the dye house t home with Maypole.

Maypole Soap Made in England but sold everywhere 10c for Colors-15c. for Black.

g cuandomicionomicionomicioni participa de la composicionomiciono Memory at first sight appears to be with us in some sort from the beginning, although mothers and nurses are said the note with the note with the sight, another for the taste, another for the sight, another for the taste, another for the learning and what is more extended.

with us in some sort from the beginning, although mothers and nurses are said to note, with peculiar care the earliest instaint when the baby begins, as they say, to "take notice." The infant's kicks and howly show, too, that the will is developed at an early stage, and its maneuers to get what it wants are evidence that soon afterwards it has begun to develop mith a good deal later of commands not to play with the fire of tonget the said in the case of the said to them; and then, what is said to them; and then, what is said to them; and then, what gigantic efforts of will, and—in the old days at least-what whacks and throw the said to them; and maneur to the learning and, memory of a curious said to them; and then, what gigantic efforts of will, and—in the old days at least-what whacks and through the said to them; and then, what gigantic to the learning and, memory of a curious said speak will, and—in the old days at least-what whacks and through the most careful strains to the learning and memory of a curious safe spasmodic kind stems sometimes to be the last of the mental faculties to leave us. Do we no often see old men, forgetful, as all old men are, of the fames, and often hardly able to recognize the faces, of their should be compared to the same and often hardly able to recognize the faces, of their should be sufficiently the said control making the most exhaustive demands upon a well-stored memory? Under these circumstances it is startling to be told that memory, instead of being a peculiarly human or animal function, is a property enjoyed to spark pass between two instances offering great and the same and the repeated, the spark will the second to a stick or metal rod when once bearing its molecules in the same way. So a stick or metal rod when once bearing its molecules in the same way. So a stick or metal rod when once bearing its molecules in the same way. So a stick or metal rod when once bearing its molecules in the same way. So a stick or metal rod when once bearing its molecules in the same wa

special function for which it has become trained by long use.

It was the discovery of Broca, much of direct use to the rememberer rather questioned at first, but now generally accepted, that there are within the brain than that which has none?

th fe'll to the earth. They were cat-SHATTERED BY HAIL fish, perch and trout. When the storm getting the better of her enemies, Next ing; alas for those who take them, and he must say pasty things about her girl who have the process. between the cotton rows in the field. Weather Bureau is a piece of glass one reasonable doubt that the foreign sub- to any one else in the world, but which complishes much with fools, somemay be carried a distance of from 75 the under side of the glass relates to 100 miles, and when conditions are fore it is better to begin with a moder-

A SAXE IMPROVISATION.

young man he was associated with John the possession of the Office States of G. Saxe, who was then a student in most women will find him irresistible. demonstrates the severity attending Middlebury College, Vermont, says Harand then came the hailstones. The together in the gallery of the church, Weather Observer at that place put a when the poet of the occasion was recit-

> "The world is full of change." Immediately, without any hesitation, Mr. Saxe turned to Mr. Stewart and ex-

"The world is full of change," The poet sings; But if he had his vision cast Into his vacant purse (Than which no vacancy On earth is worse), He could have told us In a minute, There was one place

With no change in it! TIME IS MONEY, SAYS SAGE.

Russel Sage, who boasts that he has never taken a vacation in his life, has contributed to the June number of the Independent an article under the cappart of the country escapes. They are tion "The Injustice of Vacations." Mr. Sage characterizes the habit of taking vacations as absurd, and declares that man is less fitted to do good work for his employer after he enjoys the rest than before. He says: "I think the 'vacation habit' is the outgrowth of abnormal or distorted

business methods. I fail to see any-"Suppose we were to reverse length. Others were as large as as a condition of retaining the clerk in his employ. What a tremendous

how! would go up! "But is it not absurd to suppose is paid to them at the that a man who can work for 111/2 year? Is it not equally absurd to sup-

a year's work, if there be such wea and tear? "Then again, the loss of time, the disorganization of business, that result from the absence of a valuable man from the desk are difficult to repair man sometimes must spend weeks catching up with work that has accumulated while he was away for a

fortnight. "A man should work 'easy,' economical of his time, conserve his forces and not worry. It's worry and not work that makes the hair gray."

Lieutenant Charles M. McIsaac, of the Eighth Massachusetts Regiment, has received an appointment as instructor in the new Chinese Imperial forces, with a captain's commission. He will leave for China in three or "THE EASTERN WAR."



he climbs high he takes his ideal of

he along with him, and to keep it

well be taken for granted that the man

who places a woman above himself

Concerning the second arrow in the

quiver of the Cockney conqueror of

hearts the man who uses it against

woman must rate her low indeed. It

might reasonably be supposed that any

woman possessed of the traditional

distrust any one who attempted

mount of sense necessary to keep her

friends. In the first place, such con-

be pleasing to her to hear "nasty

things" said of other women implies

that she herself is ill natured. It is the

'right, meet, and bounden duty" of the

man who makes love to a woman to

when they can be maintained; when

out, and so are an insult to the wis-

homage paid to her good sense and

judgment; the less discretion she pos-

laid to her vanity by the conviction

gods of Olympus were not wise

of ordinary mortals under like circum-

stances? It is the part of wisdom, no

man before.

esses, the more flattering the unction

cept them. Of course, in this as

sare places it above himself,"

will not stoop to flatter her.

time ago at Tiller's Ferry, S. C. Durshould talk to a girl about herself, and honest butter, but they do duty in place of much so-called salad oil in the daily d'et of men and women. Many her general good taste in dress, ner the daily d'et of men and women. Many HAD HE her wit, and her cleverness in viands are swallowed with such dresshad abated it was found that the lish between and symming in the pools he must say nasty things about her girl who pay the price of indigestion later "It is well known that in such storms whom he mast profess infinisely under the cheese and the why fox persuading sticks and stones, fish or frogs are often dropped to the earth," said a ting fairly well acquainted with her, charming voice" grows only the Weather Bureau official, "but the way he must confide in her, telling her they get into the clouds is a matter numerous secrets and private affairs naught that Asson makes the charming voice are they saw a full-rigged diver come up from the water and clamber aboard the scow. "Look at him," should one they get into the clouds is a matter numerous secrets and private affairs naught that Asson makes the charming voice." Weather Bureau omeiai, but the way he had contact in her, coming the way they get into the clouds is a matter numerous secrets and private affairs naught that Aesop makes the crow excited Irishman to his fellow. Look they get into the clouds is a matter numerous secrets and private affairs naught that Aesop makes the crow excited Irishman to his fellow. of some dispute. However, there is no of his own, which he would not confide "she" and the fox "he." Flattery acor tornadoes, and when they become charge to continue the girl of the solution heavy they fall to the earth. They cerity, to make her believe that he is of the charmer who charmed never so dead in love and means it all. There- wisely.

right for a storm they descend with ate amount of flattery and increase mental rank may generally be deterthe rain."—Washington Star.

Mary Cholmondeley says: "A man's mental rank may generally be determined by his actimate and the dose gradually, according to the mined by his actimate and the dose gradually." the dose gradually, according to the mined by his estimate of woman. If capacity of the subject. Not one girl he stands low he considers her, heaven in a hundred or more can resist this help her, such an one as himself. If When Hon. John W. Stewart was a plan of campaign if carried out cleverly. A man may be homely, ill man-nered, even poor, and, notwithstanding, "As for a fellow's being something

per's Weekly. At one of the annual com- of a bad lot, as a rule a woman doesn't mencement exercises they were sitting mind that, especially if the fellow can together in the gallery of the church, when the root of the occasion was recitthe next." With all due respect for women, col-

lectively and individually, new and old. can scarcely be claimed but that there is strong leaven of truth in the doctrine preached by this especial "bad lot." Among the strongest cards which a man can play in the game of hearts with a woman is the ability to duct is a reflection upon her own convince her of his deep and abiding affection for herself. It has been said many times, in many languages, and in many ways, which all practically amount to the same thing, that most women will forgive men any sin, howheinous, if only they are certain that the sin was committed solely for love of themselves. Doubtless Adam persuaded Eve that he ate the apple. not because of its attractions as duly rehearsed in the book of Genesis. "good for food, pleasant to the eves to be desired as a tree to make one wise." but wholly and only because of his love for her; that she offered him the fruit, and he was unable to say her nay

"It is easier to turn a man's head may steal a horse where another dare than to touch his heart," says a modern philosopher, who merely voiced a truth

USE ONLY THE BEST

s the STANDARD article

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TORONTO.ONT.

proceeded to explain his methods as a heard so much during the American clock strike one. The Duke thereupon lady killer.

HAD HE KNOWN THE WAY. were any swimming in the posts are the cotton rows in the field.

"It is well known that in such storms ticks and stones, fish or frogs are of-

I'd walked over myself." FEEDING A DYING TREE. once saw a very old tree rejuvenated in a remarkable manner. very ancient walnut that had for years shown signs of decay. But the keeper n front of whose house the tree stood ook to slinging the careass of each deer he killed on one of its boughs for dressing. During the process all the blood aripped on the ground and was absorbed. The following spring this tree put torth an astonishing crop of leaves, and in less than three seasons it was making new wood and showing all the vigor which had characterized it thirty years before.-Country Gentleman,

Pronunciation of Niagara.

"Everybody pronounces Niagara wrong," said a philologist. "The accent of this beautiful Indian word should not be put out of the fire would know though to on the syllable 'ag,' but on the syllable 'ar'-the penult-the one before the last. "Niagara means 'Hark to the thunder. curry favor with her by belittling her Its accent should fall on the penult because the Indians themselves accent it there, because in practically all our Indian names of places the penult is the accented syllable. Think of the Indian amiability. To suppose that it will names you know. Don't you accent near-all of them on the syllable before the last? Toronto, Mississippi, Alleghany, last? Toronto, Mississippi, Alleghan Appalachioola, Narragansett, Tuscaloos consider her the "queen rose of the osebud garden of girls," but he is oolish to pretend that he thinks that is only a choice is the only rose in all of the order of the orde foolish to pretend that he thinks that ean find a Huron, you will find that he accents it as he does Saratoga or Tuscaloosa. I don't know how we have fallen his own choice is the only rose in all the world. Fictions are pleasant only into the habit of accenting it wrong. too transparent they must be found

A duplicate of the memorial to Sir dom of those who are expected to ac-Walter Besant, which has been placed in St. Paul's Cathedal, London, is to be erected on a public site on the Thames many other things, it all depends upon the woman and the man. "One man embankment,

The greater fool a woman is the more liable is she to be caught by Kidney Trouble and Dropsy

that she is trusted as never was wo-Could Scarcely Walk and Now Owes Good Health to Dr. Chase's Kid-The sad truth is that wisdom and love rarely foregather one with anney-Liver Pills. other. If, as tradition assures us, the love, what but folly can be expected

Treneman, of 536 Adelaide street, London, Ont., states: years ago I was laid up with kidney disease and urinary troubles. Besides the pain and inconvenience caused by these troubles I became dropsical, and my legs would swell up so that I could scarcely go around at all. Hearing of Dr. Chase's Kidney-Liver Pills I procured a box and continued the use of this valuable medicine until now I can say for a certainty that I am entirely cured. I never took any medicine that did me so much good, and am firmly convinced that if it had not been for this medicine I would not be

working today." attend school yesterday is due to a gists, or Edmanson, Bates & Co., To-

Epitologica contratoro con contratoro con contratoro contratoro contratoro contratoro contratoro contratoro con STORIES OF POPULAR SONGS

BY J. CUTHBERT HADDEN.

the subject, it would be found that lisher of that town. The melody so "The Last Rose of Summer" is the captivated her and others who heard it that I was earnestly solicited that songs. This popularity is due, in a it should be given the first time in publarge measure, to the fine melody, which had a history of some hundred of the season. But certain reasons years or more when Tom Moore wrote obliged me to decline the honor. I rehis celebrated song for it. As most tired to rest at my hotel, and rising theatergoers are aware, the melody ap- next morning, and opening my window, pears in that old-fashioned yet ever-ple will indeed tell you that "Martha" boarding opposite a large placard, the layerst and the layerst are the layerst and the layerst are the layerst and the layerst are the layerst ar would never have survived but for which was printed in the largest and "The Last Rose of Summer." Berlioz, the French composer, said that the from London, will sing at P. E. Rowe's beauty of the Irish melody served to concert "Kathleen Mavourneen." for disinfect the rottenness of the 'Mar-tha' music." But Berlioz loved not Crouch goes on

land; for there is nothing character-istically Irish about Moore's words, thusiastic applause."

Half a century ago there was not a more popular song than "Rory o'More," and even now it is among the best-known of Irish songs. The author, Samuel Lover, thus relates the story of its origin: He says: "From an early period I felt that Irish comic songs (so-called) were but too generally coarse and vulgar, devoid of that mixture of fun and feeling so that mixture of fun and feeling so youd the original £10!

day that the same round oxhibit it in a place of the same round oxhibit it in a place of the same round oxhibit it in a place oxygen and muscles or the human body is a matter of common factorial to the human body is a matter of common factorial t

dy killer. war with Spain, Fine words are un"In the first place," he said, "a man deniably a poor substitute for good, strike thirteen at 1 o'clock.—London tracted my attention by their purity you have just sung it!"

"In the first place," he said, "a man deniably a poor substitute for good, strike thirteen at 1 o'clock.—London tracted my attention by their purity you have just sung it!"

"In the first place," he said, "a man deniably a poor substitute for good, bound to be a girl about herself, and honest butter, but they do duty in Daily Mail. ess and obtained her permission to set are not Crouch surely Two Irish immigrants were watching traveler to Chapman & Co., Cornhill, "and I felt I must thank you myself, t steam dredge at work near Ellis while prosecuting my journey towards. He had scraped together a dollar for a

I suppose, if a vote were taken on fair copy of the song, and sang it to

But Berlioz loved not Crouch goes on to say that, amazed Crouch goes on to say that, amazed and confused by the announcement, he poser of "Martha."

It does not matter. The point is that Moore found a fine old melody ready to his hand, and made it immorredly that he melody indeed that also the fascinating Mrs. Rowe tal. It is the melody indeed that altreaties of the fascinating Mrs. Rowe, lows the song to be claimed for Ire- I appeared, and sang the song to a

They are English in form, meter and sentiment, just as the great bulk of ed by the London music-publishing firm the lyrics in the "Irish Melodies" are, of D'Almaine, and "Kathleen Mayour-Moore undoubtedly was a poet in senti- neen" was issued by that house. The moore undoubtedly was a poet in sentinent, sympathy, or sensibility. Still, copyright of the song was sold not he rescued a host of fine old Irish airs so long ago for £600. How much do from oblivion, "The Last Rose of Summer" among them, and for that serpaltry sum of £10, identically the same vice lovers of popular songs must ever price paid to Milton for his "Paradic vice lovers of popular songs must ever price paid to Milton for his "Paradise be grateful to him. Half a century ago there was not a 000 copies sold. In fifteen years the

strongly blended in the Irish character—that a pig and a poker, expletive deed, as sad as it was romantic. While oaths, h'urroos,' and 'whack fol de a child he played the violin before Roslols,' made the staple of most Irish sini, and sang in he choir of Westmincomic songs; and having expressed this opinion in a company where the Queen Victoria's cornation. Later on subject was discussed, I was met with that taunting question which sometimes supplies the place of argument, hamsely (Could you do botton). Later on the turned to speculating in zinc mills in the County of Kent. This affair ruined him completely. In 1849 he went to the United States and picked went to the namely, 'Could you do better?' I said United States, and picked up a precart-

essentially to Ireland. The words were tic, was fighting his way over the barwritten by an Irish lady. Mrs. Craw-riers from the pit to the stage (it was tord, and the song was first heard by in the opera house)' saying he was dehad been engaged to sixteen "young ladies," all, in fact, to whom he had been the lack of worldly wisdom upon ladies," all, in fact, to whom he had been the lack of worldly wisdom upon ladies, and the song was the lack of worldly wisdom upon ladies, and the song was the lack of whom he had been engaged to sixteen "young ladies," all, in fact, to whom he had been engaged to sixteen "young ladies," all, in fact, to whom he had been engaged to sixteen "young ladies," all, in fact, to whom he had been engaged to sixteen "young ladies," all, in fact, to whom he had been engaged to sixteen "young ladies," all, in fact, to whom he had been engaged to sixteen "young ladies," all, in fact, to whom he had been engaged to sixteen "young ladies," all, in fact, to whom he had been engaged to sixteen "young ladies," all, in fact, to whom he had been engaged to sixteen "young ladies," all, in fact, to whom he had been engaged to sixteen "young ladies," all, in fact, to whom he had been engaged to sixteen "young ladies," all, in fact, to whom he had been engaged to sixteen by the lack of worldly wisdom upon the ladies, "all, in fact, to whom he had been engaged to sixteen "young ladies," all, in fact, to whom he had been engaged to sixteen "young ladies," all, in fact, to whom he had been engaged to sixteen "young ladies," all, in fact, to whom he had been engaged to sixteen by the lack of worldly wisdom upon the ladies, "all, in fact, to whom he had been engaged to sixteen by the lack of worldly wisdom upon the ladies, "all, in fact, to whom he had been engaged to sixteen by the lack of worldly wisdom upon the ladies," all the song the ladies, "all, in fact, to whom he had been engaged to sixteen by the ladies, "all, in fact, to whom he had been engaged to sixteen by the ladies, "all, in fact, to whom he had been engaged to sixteen by the ladies, "all, in fact, to whom he had been engaged to sixteen by the ladies, "all, in fact, to whom he had been engaged to sixteen by the ladies, "all, in fact, to whom he had been engaged t cumstances which he has himself r- in. On entering the man burst into tears, sobbing out: "Oh, Mlle, Titiens, "The words," says Crouch, "had at- I never before heard my song sung as them to music. Leaving London as deed," rejoined the poor old composer

OUT OF ORDER

The great evils which are often wrought by small ills can be no more clearly and effectively demonstrated than by the troubles of an automobile driver. How well he knows the disastrous effect of negligence or failure to give proper care to each and every detail. A single small part out of order affects the entire mechanism.

And so it is with the infinitely more delicate and ntricate mechanism of the human frame. Affected kidneys put the entire system out of order. They are the direct cause of lame back, sick headache, sallow or deathly pale complexion loss of memory. loss of ambition, dyspepsia, melancholy, tired feeling, swollen joints, puffed face, rheumatism in any of its various forms, loss of appetite, and many more troubles. Have you any of these symptoms?

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persistently, when he sits down be-fore the citadel of her heart, neither can be diverted from the siege, the citadel will in all probability capituiate sooner or later. THEN WENT TO SCHOOL.

That little Lena Graber was able to series of circumstances deserving of a place in the history of miracles. Very few persons pitch headforemost through space for a distance of 85 feet book author, are on every box.

doubt, to distrust those who protest too much. but who shall define for us the exact limits of too much, just enough, and too little? "She is a woman. therefore to be won," sang Shakspeare, and it may be safely taken for a fact that when a man woos an unattached woman, warmly and

Dr. Chase's Kidney-Liver Pills, one pill a dose, 25 cents a box, at all drug-