#### MISCELLANEOUS.

-It has been found that a goose can stand the weather until the thermometer goes to 64 below zero. Then her feathers won't save her. Wild ducks on go twelve degrees lower and come

\_t anch of dates that weighed thirty-ave pounds was picked on a ranch at Winters, Cal., recently. The awner set out a few trees as an experiment twenty-five years ago, and they have been bearing for ten years.

-It seems that the average New England father reserves the right to tan his son's jacket until the very day that the boy reaches his majority, while in the West the "old man" lets up at the age of about sixteen. Some one should act statistics to show which practice proves the most beneficial to the

-A writer in the Liverpool Mercury thinks "the multiplication of theaters London is a remarkable social deselopment. They are now almost too merous to count. At this moment there are twenty recognized houses of cramatic entertainment open nightly."
This in a population of about five mil-

-The name O'Kanogan, which is now polied to a county in Washington Territory, was given by the Indians to he head of a river now called by that me. It signifies 'the rendezvous.' The Indians, even to this day, assemthere from all over the territory. om British Columbia, and even from Alaska, for their annual potlatch and o lay in their year's supply of fish and

-A Buffalo girl got rid of an underable suitor in an unique way. He eposed on the way home from church, d the fair creature, who is "o'er ong to marry," said "yes," but sled that she would not marry him till gained the consent of her father. be young man discovered the next ay that the young lady's father died veral years ago, and the disappointed over emigrated for distant parts. -There is a sad and discouraged

an at Kreslin, Pa. Twenty years ago bought a coffin for himself at a barin, and kept it in the house until the ther day, when a fire came along and is bargain was consumed. "If I had ely died two weeks ago," he said. en he fully realized the extent of is loss, "I would have saved my coffin." -During the Franco-Prussian war, corporal came to the doctor with e of his men who was untit for the ddle. The doctor examined him, nd found him suffering from rheumam. The corporal proceeded to fill the requisite form for the man's adssion to the nearest military hospi-"Can you spell rheumatism, corrai?" said the doctor. "I think I doctor, thank you," replied he, uting. The corporal was Louis etlovon, one of the leading journal-

of Paris. prisonment for defrauding several He presented so wonderful a

ston the wash bench, but he could don Letter. the basin on it, and peither the nor the grammarians would ob-He could sit on the dog's tail if log were willing or he might set foot on it. But if he should set on aforesaid tail, or sit his foot there, grammarians as well as the dog d howl. And yet, strange as it le and then sit down, and neither assailed by the dog nor the gram-

ans. - Christian Union. The curious story of the travels of a eris told by the following: On April 887, a letter bearing nearly a dozen marks, was received at Takoma, C. Where it has been since it was y be guessed; but the synopsis of given thus: March 10, arrived at ma, W. T., remailed for return ward; March 19, received at Chipost-office; March 19, mailed to ma. D. C.; April 3, again mailed Chicago post-office; April 5, reed at Washington and forwarded akoma, D. C.

It is no light thing to disturb a ek that match will come forward s young woman walked forward. "How did it happen, my sis-

asked the parson. She said: ll, sir, I had the match in my hand "as rubbing it on the bench, not ing of what I was doing, and beknew it the thing went off." She

A Pulton (Ky.) mother has five end the birthday of each of them woman of Reading, Penn.,

ed because she could not the toothache. The force which a California pumpeterts while growing is equal to

ogth of a large horse attached

ick of timber. We flecks of sparrows at Mounds-W. Va., engaged in a pitched and when they had finished steak any time. birds lay dead upon the ground.

HAPPY MARRIED LIFE.

Mrs. Gludetice a True Helpmate to Her The Two Prime Requirements of the Gold-Husband for Fifty Years, bester's Trade. Mrs. Gladstone's career as wife and as a model. The dependence of husfuture to bring him success in all his the hammers, one for each process. projects and vindication of his motives. An amusing anecdote is told in illustration of this wifely, unswerving faith. After the late general election. when the appeal to the country had resulted adversely to Mr. Gladstone's Irish policy, Mrs. Gladstone was found somewhat depressed by a visitor at man was serenely at work in his study

up stairs. "Never mind," said the visitor, sympathetically. "There is One above who will bring things right, in His own good time."

"Yes, indeed," replied the good lady, "He will bring things right: but he will forget all about his lunch if I don't call him down."

Mrs. Gladstone nursed all her children herself. She looked after them from infancy, and cared for them in every way as if she had not been the lady of the castle, who was able to sommand any amount of assistance office Mr. Giadstone taught his elder children Italian. The girls were educated at home by governesses, English, French and German, The boys all went to Eton and afterward to Oxford. Blessed herself with a perfect constitution and unbroken health, Mrs. Gladstone has watched over her husband the limits of her own skill to a hair's only in the maladies of the body in which shielded from all the minor worries of

Mr. Gladstone is fully sensible of whathe owes to his wife, nor has he made any secret of the fact that his continuance in public service was debeen throughout as a ministering spir.t. \$1.75 extra. instead of a zing him, had become a As the "wagon" cuts the leaves 3 tax upon his vitality. The self-dental inches square there is a continual of Mrs. Glad done is beyond all place, waste. This, with the imperfect -A young Frenchman named It no doubt seems very darding and leaves, is put in with the shoder waste. set was recently sentenced at Paris imposing to be the wife of a prime It is all melted into a "button" and ons. He protested that he was of the opposition, but the wife her-elf weights. For the 80 books 17 pennyment, but his accusers swore to his has a somewhat hard time of it. The weights is allowed, but they may weigh tie time for domestic intercourse. Mrs. | the better. Whatever the waste weighs | Many ate determined to investigate, and that when M . Gadstone was in office weight is paid the workman. For evresult was that Tiquet was found to in London, during the season, it was ery pennyweight under \$1, is deducted. ther can they set on her, although said. "it is at least possible for me to old hen might sit on them by the have conversation with my husband: urif they would allow. A man can otherwise I see nothing of him."-Lou- wrong way.

# THE FIRST MATCH.

A Reminiscence Which Appeals Strongly to the Sense of the Kuliculous.

A few days ago a gentleman, who is now something over sixty years of age, said to me: "I well remember the time when I first saw a match. I seem the man might set the tail was then a boy, and was working in the barn with my father, when a young man, the son of a neighbor, came in with a box in his hand and said he could now light a fire without borrowing coals or striking a spark with the flint. Opening the box he took out one of the matches, which was three or four inches long and had a yellow looking substance on one end. nitted to the mail at South Water- This end he dipped into a small bottle Me., on March 1, could only which came in the box with the matches and contained sulphuric acid. history of some of its travels may When the match was put into the acid it instantly burnt into blaze. Although young Grant had matches, he was quite ready to use up one or more of the costly fire-makers in showing father how the wonderful invention worked. But father, having a wholesome fear of fire, and looking ous meeting in Georgia. The with some suspicion on any new deof an igniting match disturbed to go outside, for he didn't want his congregation. Just before the barn burned down, adding, it may be etion was pronounced the tun to see that go off, but it ain't going cher said: "If the young man who to do anybody any good to have fire made as easy as that!" The old genservices and acknowledge it, or tleman was mistaken. His son has t was accidental, we will excuse lived to see the time when fire can be Standard. but if he does not there is a man made much more easily, and it does cost him more than one thou- while the number of fires from the use boxes of matches at wholesale." of matches is comparatively few. Five the benediction the young man hundred "parior" matches can be bought for five cents; between forty woman who had done the awful every day in the United States, and by fire in spite of the ease with which | ing accuracy and fervor. we can make fire. - Christian Advocate -A colored man living five or six

miles from Americus, Ga., caught a seven-foot alligator in a steel trap set for the purpose in Muckalee Creek. The trap caught the ugly orute by one toe on his hind foot and held him se- be the means of doubling the populacurely. When the negro found that tion of every Western State and Terri he had secured his prize he notified tory within the coming ten years, and the white people, who took their guas that in the East, where the rainfall is and went to the creek. The negro heavy, but uncertain, irrigation will took a long pole, put it under the ultimately be resorted to in order to beast, lifted it up so that the parties insure greater regularity of crops could fire at the white spots back of Four-tenths of the area of the United his fore legs, and they let four loads of States, not including Alaska, require buckshot into the animal, killing him irrigation. This territory includes part instantiy. The darkies of that section of California, Texas, Kansas, Nebraska had a big time off of alligatorsteak. Oregon all of Arizona, New Mexico which is pronouced superior to beel. Utah, Wyoming, Montana and portion

# MUSCLE AND JUDGMENT.

Gold-beating is a trade of muscle and mother has been pointed to for years judgment. There is judgment in knowband and wife on each other in all cir- the stone, muscle in the hammer's ing how to strike the little package on cumstances has been noted. The clock-like rise and fail. The motion statesman has found in his spouse a is one of the wrist. The workman's true helpmate, who sympathized with elbow joint stiffens, the hammer falls all his aspirations, with confidence in and rebounds nearly to its starting all his movements of his long life of point. So, actually, it is not the political activity, has looked to the physical effort, it seems, even though

weigh eighteen, twelve, and seven pounds. Each beater receives fifty pennyweight of gold, rolled from the bar into the form of a crinkly ribbon seven yards long and an inch in width. Cut into 180 pieces these go into the Hawarden Castle, while the grand old leaves of a vegetable fiber, between "cutch." each of which is placed a piece of gold. Slipped into a tightly-fitting pad, the package is laid on the stone, and the hammer falls again and again, the aim being to drive the weight toward the edges. From the "cutch" the sheets, then leaves, are picked out with eurious boxwood pincers. Handling with the fingers. especially at the latter stages, would be most likely to break the leaf. Each leaf is then quartered by a section of bamboo cane on a little implement known as a "wagon,"

but in reality a tiny sled. The second pad is the "shoder." It has 720 leaves and is 41 inches square. that she might require. With their The force of the blows here is greater. little ones Mr. and Mrs. Gladstone The leaves are beaten out to the very have always been the most tender and edge, as they were not before, and the affectionate of parents. When out of gold cozes out. These particles are carefully brushed off into an apron attached to the stone, for the workman must account for every one of his fifty pennyweights.

In the third process there are three inches square. Each mold requires some four hours' work. The leaves with the skill of a nurse and the vig- are now so thin that the slightest misilance of a guardian angel. She knows judgment will produce disastrous results. In spite of the heat generated breadth, and the moment they are by the blows dampness creeps in bepassed she calls in the doctor. Nor is it tween the edges. Dryness is positively essential here; so, whenever necessary, the has displayed invaluable qualities. | the mold is placed in a press-not untaken from an oven. A short pressure liberates the moisture.

pendent upon the health of his partner inches square. Each workman, from in life. Had she broken down and be- his beating of three molds is to fill come an invalid he would have retired eighty books. That is called a "tail." from the service of his country. It For it he receives \$5. The molds show carry on the work of the Government. | books need but 2,000. For every other and, at the same time, to have attended book he can fill, perfect leaves only to his duty to his wife, nor could he being used, 6; cents is paid. Thus, if have stood the strain if she, who had every leaf was perfect, he would make

wastes as to bring his balance on the keeping.

Three beatings a week is the average number. The skilled workman can make \$20, and perhaps a little more. The actual number of men employed is is done principally in the East, Boston and Philadelphia furnishing most of the other workmen. It is in the latter city that the largest shop in the United States is located. A union regulates wages and matters of the trade. The fiting out of a gold-beaters' shop where a number of men are employed is a rather expensive matter. Each man's personal outfit is worth some \$250, the molds alone costing \$50 apiece. - N. Y. Mail and Express,

Winsomeness in Women. Do you recollect what your feelings were immediately after you had spoken the first unkind word to your husband? Did you not feel ashamed and grieved. paid fourteen shillings (\$1.75) for and yet too proud to admit it? That his box, which held but fifty was, is, and ever will be, your evil genius! It is the temper which labors incessantly to destroy your peace. which cheats you with an evil delusion that your husband deserved your anger, when he really most required your love. If your husband is hasty, your evening while prayer was being parture from established ways, begged example of patience will chide as well ed in the Oconee church the sharp Grant, if he would fool with that stuff as teach him. Your violence may alienhim to desperation. Your soothing will redeem him-your softness subdue him; and the good natured twinkle of those eyes, now filling with tears, will make him all your own.-Catholic

-The phonograph has reached such is house who will sift it out, and people good by saving time and temper a degree of perfection that gapes and yawns are reproduced by it with great distinctness. At a recent trial given at Mr. Edison's laboratory a meeting between two lovers was recorded, and persons of experience say that the kisses were reproduced with tantaliz

-A kired man struck because he had worked thirty days for a farmer and had been served with ninety meal of griddle cakes during that time.

-It is thought that irrigation will

### A PECULIAR INDUSTRY. Raising of Kids for Their Skins by French

Mountaineers.

The raising of kids for their skins is a principal industry among the French mountaineers, and it supplies no small part of their subsistence. Softness, green old age; but when you have atdel eacy of texture and freedom from tained it, please keep away from the blemish are principal factors in the bunco men. - Puck. value of kid skins, and to secure these great palms are taken. Diet is the prin-bel?" Mabel-"Making angel cake; cipal thing, and mother's milk is what don't you want some?" Jack-"No. keeps the kid in perfect condition for thanks; I don't want to be an angel.' the uses of the glover. As soon as the -Puck.

young animal begins to eat grass the -A young wife can be a good house value of the skin declines, for with a keeper without bothering to polish up. grass diet its skin immediately begins the spare change in her husband's to grow coarser and harder in texture. pocket every time she cleaus up the and its chief merit vanishes. It is, rest of the silver in the house. Somtherefore, kept closely penned, not only erville Journal. to prevent it from eating grass, but also to secure has skin from nor dental injury from scratches, bruises, e.c., vent a smokeless eigarette, his name which are fatal to perfection. When will be embalmed in the heart of a the kids have reached a certain age at which the skins are in the best coudi. News. tion for the use of the glover, they are killed, and the skins are sold to traveling has kers, through whom they reach the great centers of the tanning industry at Annonay, Milbau, Paris and Grenoble.

The superior quality of these kidskins, due to climatic causes, it is that has given France the supremacy in the manufacture of the finest grades of real kid gloves-a supremacy that will doubt ess be long maintained, inasmuch as foreign manufacturers must in general rest content with second-rate skins, unless they maintain agents on the ground, a policy that some English and American houses have found necessary. - Haberdasher.

# Five Generations in One House.

The Etizabeth (N. J.) Journal, in 'molds' of 900 leaves each and five that city, under whose roof five gener- that they are brilliantly intellectual. great-grandfather of the baby who so stand a ghost of a show now a-days.recently appeared, reached home a Merchant Traveler. short time before the reporter's arrival. he works full time. He is in good She has certainly kept Mr. Gladstone like an ordinary copying press—just years old. The great-grandfather is 59 candid opinion, of course?" "Cer years of age and the great-grandmother tainly." is 54; the grandfather is 39 years old, undershirt."-Washington Capital. When sufficiently beaten the molds and the grandmother 37 years; the "wagon" make up books of twenty-five 18 years. This long line of living an-When the babe's mother was born she being alive at the age of 88.

# Where Cocoanuts Come From.

As many as 17,000,000 to 20,000,000 every year, chiefly from Central Amerminister, or even the wife of the leader | weighed. This must come to 33 penny- as the imports are nearly constant | since I left school." "Ever since, you eatity. The next day another man absorption of a prime minister in the whatever the workman can make them. in three days, and in the dry season the collection of rings you must have, love. before the court on a similar work of the nation leaves him very lit- The thinner the leaf, so long as perfect, average is about one in two days, to be sure." emblance to Tiquet that the magis- Gladstone has been known to remark over 33 pounyweights \$1 a penny- the high winds before they are ripe. A are lost by being blown off b ripe nut falls of itself. The nuts are sorted as they are unloaded from the innocent, and that the fraud was quite a treat to her to be invited to a Thus, although the gold is used over vessels, the inspectors being able to petrated by his unknown double. friend's house to dinner together with again, it takes 50 pennyweights to turn determine whether a nut is good by -A man, or woman either, can set a her husband. She always then tried to out 17. And, again, a man, even giving it a single tap. They are then although they can not sit her; get sented next to him, "when," she though he turns out an over number of packed in bags of one hundred each of scientific men recently held at Paris. books, may have such shortages in his and put into the market -Good House-

### got and his associates have been made the subject of discussion at a congress

Will Writing Become a Lost Art? small, there being only 175 in this city. to spin. Writing will have become one teen cases they had treated by hono Most are Englishmen. Gold-beating of the lost arts, and a wholly unneces- tism. Of these cone hundred were fulmuch among barbaric methods as we

ancients to be -Boston Traveller. No one knows of any fresh water upon the island, so the rats must have been the sole discoverers of some hidden

-A young married man of Buena Vista, Ga., started on his wedding trip. The best man and a friend of the bride accompanied the happy pair. Both ladles were heavily veiled, and somehow they got mixed. Friends are still poking fun at the Benedict, who, doubtless, is not as firm a believer in justinct as was Falstaff.

-Two lovers visited the same young lady. One evening Jones alone was father and mother, this pleasant home with its case and comforts, and emi- ensians are among his patients. grate to the West with a young lawyer ho had only his profession to live on. and search out a new home where both could be happy?" Dropping her head on Jones' shoulder, the maiden softly whispered, "I think I could, Archie." "Well," said Jones, "there's and wants to get a wife. I'll mention of wood-all this form one true-

# PUNGENT PARAGRAPHS.

-There is no one in the world so pleasant as the woman who knows she has a pretty smile. - Boston Post.

-It may be desirable to live to a

-Jack-"What are you doing, Ma-

-If the European inventor who has invented a smokeless powder will in-

-No man ever talked of his work without saying something about its great mental strain. We suppose that even the wood-chopper thinks it is brain work that makes him so tired at night.

Atchison Globe. -Husband, -"Wife, I wish you had been been with as good judgment as 1, but I fear you were not." Wife-"You are right. Our choice of partners for life convinces me that your judgment is much better than mine,

-Brown-"Dld you hear that young Benedict suddenly became deaf on the very day on which he was married?" Robinson-'You don't say so. That shows that there is a silver living to every cloud, no matter how dark it may be for a time."-Texas Siftings.

Some women like to be told they are pretty, but the really pretty one notice of the family of Dr. Hough, of don't care for it. They have to be told ations are living, says: The great- George Washington's hatchet wouldn't

-"Professor," said the ostentatious having been at wors - almost every day young man at a reception. "I've heard much talk about the anthropoid apes health and 78 years of age. His wife, approaching very closely to human bethe great-great-grandmother, is also ings. Now what in your opinion is enjoying excellent health and is 75 nearest to a man?" "You want my "Well, I should say his

When sufficiently beaten the molds and the grandmother 87 years; the go to girls, who with pincers and father is 27 years of age and the mother ready. I want to know?" Mrs. Jason -"I was down town and got caught leaves each, three and three-eighth cestors is all on the child's mother's in the rain without an umbrella. side, and it is the second time there I had to wait in a store until the have been five generations of the family. storm was over." Mr. Jason-"So you did have sense enough to go was also the beginning of a fifth gen- in out of the rain, ch? Well, you would have been impossible, he felt, to a total number of 2,700 leaves. Eighty eration, her great-great-grandmother are not an entire fool." Mrs. Jason-"No; only the better half of one."-Terre Haute Express.

-How "lady friends" do hate one another, to be sure! The other day eccounts come into New York City two of an uncertain age who had not recently met were having a chat. ica, though they are grown in nearly all "Yes." said No. 1, "it was my birththe tropical countries. Those from day yesterday and my dear papa gave San Bias are considered the best. They me a ring, as usual. He has always can hardly be said to have a "season," given me a ring on my birthday ever | Sunday. through the year. A well-grown tree left school, darling?" re echoed No. 2, will yield in the rainy season two nuts 'why, what an extraordinarity large

# HYPNOTISM IN MEDICINE.

Its Parch-logical Importance Recognized by Leading Scientists. The experiments made by Dr. Char-

Quite a number of reports were read dicating remarkable success in the creatment by hypnotism of diseases that have often baffled the most expe-Will the coming man write? Not at rienced physicians. Two physicians all. There will be no more need of his of Amsterdam reported the results of learning to write than of his learning no less than four hundred and foursary art, by the time the coming man ly cured. In ainety-eight there was a appears. His writing will be done by noticeable improvement, and in only the phonograph, which will be placed seventy-one were there no results. on his desk as pens and ink are now; i'lfty-eight cases were not followed. and whenever he has a story, a poem. The cases included organic maladies of an essay or a private letter to indite be the nervous system, mental diseases will simply talk into the phonograph and neuralgia." Other physicians reand send on the plate which has ported that in the treatment of the inrecorded his words. The teaching of same they have succeeded in some penmanship will be unknown in the cases, though it was admitted that the school of the future, and writing in the difficulties were far greater than in present fashion will be regarded as physical maladies. It seems to have been conceded that there is more exnow hold the rude hieroglyphics of the pectation of relief from treatment by hypnotism in nervous diseases in their various forms than in any others, and -Bean's Island, an uninhabited piece even if this be so it will be a gain to of land lying in Frenchman's Bay, off medical science. But the tests are only the coast of Maine, would be a para- as yet in their experimental stage, and dise for cats. It is infested with rats, exactly upon what physiological basis and how they reached there no one can the investigations of the most distin tell. It is the general supposition that guished psychologists are founded does some years ago a coasting schooner not yet appear certain. It is curious must have been wrecked in the bay, enough, nevertheless, that the methods and that it had rats among the other of Mesmer, who was denounced as a valuable portions of its cargo. The re- chariatan a hundred years ago, but ents are there by thousands, and they who has had some strong followers at dirly swarm over the island. Any one different times since among the higher who is not fond of them does well in class of physicians, to say nothing of giving the place a wide berth, for they traveling lecturers who were able to know no fear and make it interesting gostrol the will of persons who subfor visitors. Much of the island is mitted to their treatment-it is curilow and flat, and is so perforated with ous, we repeat, that at the end of a their holes that it resembles a vast pentury Professor Charcot should come sieve. How they live is a mystery. forward publicly to show the wonderful power of mermerism, or hypnotism, as t has been called, since the experiments of Dr. Baird, of Liverpool, and that a congress of scientific men should take up anew a half forgotten subject and recognize by a long series of experinents its psychological importance. But if there is good in hypnotism, there s also danger in its use, as Charcot cointed out, if the person hypnotized may be made unconsciously to carry out the will of the operator even to the erpetration of a crime.-Baltimore -A Chinese somer at oan Francisco

is said to enjoy an income from the with her. He said in tender tones, ornetice of his profession of \$6,000 per "Do you think, Mary, you could leave month, He has been in America nearly thirty years, and many Cau-

-Near Elmer, Ore., a farmer cut fown a fir tree on his farm. He got 112 for the baric. From the lumber he built a house 14x20. 8 feet high; a shed kitchen 8 feet wide and 20 feet long, woodshed 14x20 and had 500 boards 6 inches wide and 2 feet long. He also Tom Brown, who's going to emigrate cut 334 railroad ties and fifteen cords

# RELIGIOUS AND EDUCATIONAL

-The Primitive Methodists held their first National conference in Pittsburgh,

-One in twenty of the students in five of the leading government schools in Japan is a Christian, but only one n 1,500 of the general population.

-The annual re-union of the Lutherons of Maryland, West Virginia and Pennsylvania was held the other day at Penmar, Md., 10,000 people present. -The soul needs to be cultured as

well as body and mind. The knowlsige necessary to its development can be learned only in the school of Christ. -The Lutheran colleges founded and indowed by the Baltic Germans in the Baltic province of Livonia have, in ac-

tyranny, ceased to exist. -In looking around for Christian work, do not conclude that it must be grateful world.-Philadelphia Daily just such as is done by some one else. Our individual traits and faculties must be consulted, and what our own hands find to do-what they are especially fitted to do-that must indicate our

> The appropriations of the American Baptis: Missionary Union for the year ending March 31 1890 amounted to \$402,785.71. Much new work is provided for, and the schedule is more clearly in accordance with the estimates from the missionaries than for many years.

The teaching of subjects relating to public health is now undertaken at several of the medical schools in Great Britain, and students are there prepared for examination for the several diplomas in Sanitary Science, and for holding the appointment of medical officer of health.

The Methodist alliance convention of North Ohio conference, at its recent session, pledged itself to bring about the union of all the societies within the conference, accepted the name Epworth league, and passed resolutions looking toward the organization of presidingel lers' district leagues as soon as pos-

-It renews one's hope in the future of American manhood to learn that no smoking-cars were called for on the trains which bore to Philadelphia the delegates to the late National Convention of the Societies of Christian Endeavor. One train that contained nearly a thousand delegates, hundreds of them young men, had not a single smoker on board, "even in the baggage-car."

-In the China Inland Mission Hospital and Dispensary at Chefoo, 5.539 out-patients have been relieved, 217 surgical operations performed, 96 inpatients treated and brought under spiritual influences, not a few of whom are believed to have accepted Christ as their Savjour; and all this work is done at the small cost of £143. One of the most encouraging signs of the missionary work in China is the hold the Gospel is gaining on the hearts of the women. One lady has from forty to fifty present at a women's meeting each

# WIT AND WISDOM.

-The way to gain a good reputation

appear. -Socrates. Man is not perfect, of course, but so long as woman is, it does not matter

much. - Somerville Journal. -It is too bad that the folks who have no money to pay for a meal should have such good appetites. - N. Y.

Epoch. -To finish the moment, to find the journey's end in every step of the road, to live the greatest number of good hours, is wisdom. - Emerson.

-None are so seldom found alone and are so tired of their own company, as those coxcombs who are on best

terms with themselves - Colton -By adversity are wrought the greatest works of admiration, and all the fair examples of renown out of dis-

tress and misery are grown. - Daniel. -We part more easily with what we possess than with the expectation of what we wish for; and the reason of it is, that what we expect is always greater than what we enjoy.

-A busy life, with good principles, strong purposes, and wisdom enough to secure a fair cultivation of the different sides of the nature, is one of the most important factors for securing a ripe and happy old age. Once a Week.

-Let every dawn of morning be to you as the beginning of life, and every setting sun be to you as its close; then let every one of these short lives live its sure record of some kindly thing done for others -- some goodly strength or knowledge gained for ourselves -

-Blessings on the man who sows the seeds of a happy nature and a noble character broad-cast wherever his feet wander, who has a smile slike for joy and sorrow, a tender word always for a child, a compassionate utterance for suffering, courtesy for friends and for strangers, encouragement for the despairing, an open heart for all-love for all-good words for all-Rural New Yorker.

- Cultivate good habits; they tend to make virtue habitual, so that 1: becomes more easy to do good than to give away to sin. Thus make prudence a habit, and reckless profligacy becomes revolting; make sobriety a habit, and intemperance becomes hateest care and watchininess against the and her little boy got in once given away.

-The insportant discovery has been made that two chemically distinct kinds of sea water are present in the North Sea. One is rich in chlorine, and comes from the Atlantic to the south; the other has less chiorine, and flows

from the Arctic Ocean. -Machinery especially designed for the purpose is employed by shoeblacking manufacturers in grinding and mixing ingredients used in compounding that useful adjunct to the toilet. The boxes are filled by hand, experienced workmen acquiring great dexterity in this particular branch of the business.

### THE HERSCHEL FAMILY. Maria Mitchell's Reminiscences of the Pa-

mous Astronomers.
The little that is known of the ancestors of the Herschels is honorable. Abraham, Isaac and Jacob, as the representatives of three generations were called. were sound Protestants, in days when and in places where Protestantism was a reproach. Abraham Herschel, the great-great-grandfather of John, was expeled from Mahren, his place of residence, on account of his Protestantism. Isaac, his son, was a farmer near Leipsie. Jacob, son of Isaac, declined agricultural pursuits and gave expression to the family aptitude for music by making it his profession, by bringing up his sons to the same calling, and by developing mucordan e with the order of the Russian sical ability in all his ten children. Among the sons was the astronomer. Frederick William, who was born at Hanover in 1738, and came to England at one-and-twenty as a professional musician, but caring even more for something else than music-metaphysics. To the end of his life, when he

> composition. John Herschel was born in the wellknown house at Slough, where strangers were by that time coming from far-distant lands to see the wonderful machine by which great news had already descended out of the sky.

was known all over the world for his

astronomical discoveries, his chief de-

light was in metaphysical study and

argumentation. Perhaps we may

ascribe to this taste, prevailing in the

little household at Slough, the ten-

dency of his scientific son, John, to di-

verge into metaphysical criticism when-

ever his theme, or any interruption of

it, afforded occasion in the course of

Most astronomers come to astronmy through mathematics, or come to mathematics through astronomy. The Herschels were a musical family; music was their vocation; science was their recreation. Although of Jacob Herschel's children Sir William and Caroline are the only ones who are known to science, it is evident that the taste for science belonged to the whole family, as Caroline Herschel in her autobiography speaks of lying awake and listening to discussions between the father and the elder brothers in which the names of Newton, Leibnitz and Euler frequently occurred.

William Herschel considered himself very fortunate when he was engaged as musician in an English regiment. Growing in reputation he was appointed organist in a church, studied Italian, Latin and Greek by himself, and read mathematical works on music. Thus music led him to mathematics, thence to optics, to astronomy, to discoveries, to reputation. He became known to George III., was pensioned, gave himself wholly to astronomy, was knighted. and soon became a member of all the learned societies of Europe.

Sir William and Sir John were remarkable for the variety of their requirements. Starting with a love of science, they followed where it led. into the trackless regions of space and among remote nebulæ, into those tangled ways where metaphysical and -A man who rises above his discour- mathematical sciences seem to mingle, agements will be only the better for his touching the margin of that debatable land where theology and science meet without recognition, yet keeping, espeis to endeavor to be what you desire to cially in Sir John's case, the equanimity of the philosopher and a kindliness of heart which made him tolerant of all and rendered him beloved as well

as honored by those who knew him. Workers in physical science have generally been long-lived, perhaps because only with length of years can any thing be done in science. Perhaps, too, scientific studies are healthpromoting, for if it is hour after hour over books it is also hour after hour

alone with nature.

The Herschels worked a great many years. Sir William Herschel's papers, published in various scientific journals, stretch through a period of forty years. Sir John Herschel's reached through a period of fifty-seven yearsabout twice the average length of life. Sir William Herschel died at eightythree, Sir John at seventy-eight; and, as if to show that a woman can live and work even longer than a man, Caroline, the sister of Sir William, died at ninety-eight. -- Century.

# Theory and Practice.

It is not difficult to conceive that, for many reasons, a man writes much better than he lives. For, without entering into refined speculations, it may be shown to be much easier to design than to perform. A man proposes his schemes of life in a state of abstraction and disengagement, exempt from the enticements of hope, the solicitations of affection, the importunities of appetite, or the depressions of fear. and is in the same state with him that teaches upon the land the art of navigation, to whom the sea is always smooth and the wind always prosperous. Nothing is more unjust, however uncommon, than to charge with hypocrisy him that expresses zeal for those virtues which he neglects to practice; since he may be sincere, convinced of the advantages of conquering his passions, without having yet obtained the victory; as a man may be confident of the advantages of a voyage or a journey, without having courage or industry to undertake it. and may konestly recommend to others those attempts which he neglects himself.-N. Y. Ledger.

-During some maneuvers of the ful. Hence the necessity for the great- German cavalry at Greig a woman inroad of any evil habit, for the char- of a regiment of cutrassiers charging acter is always weakest where it has in full gallop. The leading officer shouted to her to lie down, and she did, lying upon her boy. The whole regiment passed over without injuring her, every horse in whose track she lay having been made to jump over

her. -A fleet of seventy-five barges near Memphis, containing 650,000 bushels of coal, recently suffered from the depredations of countless myrinds shrimps, which ate out the oakum in the seams of the boats, rendering z large working force at the pumpnecessary to keep them from sinking, The bouts were lately moved juto the current, which swept the little incumbrances off, and the leaks stopped.