AD INFINITUM.

(Dr. Dempwolff, of Berlin, amounces that he has found an equatic insect yes upon the anopheles mosquito. He is cultivating the creature artificially with expectation of destroying the mosquito and the host of germs which inhalls its

Ther've found the bug
That eats the bug
That fights the bug
That bites us;
Ther've traced the germ
That kills the germ
That chews the germ
That sprites us

They know the bug
That knifes the bug
That stabs the bug
That jabs us;
They've seen the germ
That hates the germ
That biffs the germ
That biffs the germ

That scolds the bug That told the bug To pinch us; They chase the germ That helps the germ That cheers the germ To clinch us.

They've struck the bug That slays the bug That flays the bug That sticks us; They've is and the germ That guides the germ That taught the gerto

But still these bugs— Microbic thugs— In spite of drugs— Combat us; And still these germs— Described in terms Inspiring squirms— Get at us! —W. D. Nesbit, in Life.

"What kind of delight?" asked the

tion. I am satisfied that you ought to

"Brancalion, my friend." said the

"I am willing," said Brancallon, "but

The lion, who was a good swimmer.

the current and the waves, his head

shall I again have such enjoyment?"

afraid you would drown in the river.

"None," answered the lion.

you see now, you great blockhead.

been allowed to go to the bottom of the

displeasing you."

THE ASS AND THE LION

Translated From the Portuguese of Antone Leandro's "Old Time Tales."

By WILLIAM S. BIRGE, M. D.

HERE once lived in Por- | Do you ask me why I upbraid you? tugal, about two days' I wish you to know that you have dejourney from Lisbon, a prived me of the greatest pleasure I all must tremble." miller who had an ass, ever received. You thought perhaps which like other asses, had that I was suffering, while I was the ass, and said to him: ng cars, thick lips and a voice ravished with delight." that made the whole country resound. His fare was so poor and mean that he lion. was but a skeleton, and could no longer | "It was on purpose that I landed on bear his burden. Then he was heaten the log, my forefeet on one side and every day by the miller, who tried to my hind feet on the other, that I might of them. Come with me. We may make him do what was beyond his balance myself, and know which is power. At last he ran away from his heaviest, my head or my tall." master, and went long and far, till be "You are indeed a cunning creature," came to the foot of a mountain, so answered the lion. "I never would verdant and pleasing in all things, that have believed what I do of you, if he resolved to remain there for the I had not leaned by my own observa-

ainder of his days. He looked all around him to see if be king of the mountain." there was anything to be feared and | Going further on, they came to a then boldly ascended the mountain, wide and swift-flowing river. where at his pleasure he grazed upon fine grass before him, thanking lion, "if you are willing, we will again God that he had been delivered from try our strength and dexuerty in the hands of the wicked and croel swimming this river." tyrant of a miller and put in sweet up to his knees to sustain his I want to see you swim across before rable life.

While he was satisfying his appetite, a proud lion approached, who marvelled crossed the river in less than no time. a proud Bon approached, who marvelled having come to feed upon the moun- called out: min without license. And having never Brancalion, what are you doing over fore seen such an animal, the lion there? Why don't you swim over? On the other hand, the sea, socing The poor ass threw himself into the

the lion, was so much alarmed that his water and swam to the middle of the Such was his fright that he thought the hair bristled and stood up. He no river, where overcome by the force of hurt came from Brancalion; and still ger dared bend his neck to eat the grass, nor even move from his place. went under and he soon sank entirely pproached the ass and said to him: "What are you doing here, comrade? ass would drown, and on the other,

What has made you so bold as to come that if he helped him, he might again who are you?" To whom the ass replieds

"And who are you rourself that ask stream and caught him by the tail, and other hurts. Then the lion, astonished at this ud reply, answered: "I am the king of all the animals."

"What is your name?" demanded the They call me lion. And what is The second second

the ass with restored confidence, rehey who know me call me Branca-Spen the lion said to himself:

Truly, here is something I cannot nprehend. This person must be mething more than I am." And addressing the ass, said:

"Brancalion, your name and words show clearly that you ought to be more powerful, robust and courageous than I am. Nevertheless, I am of the profit or pleasure you had in swimming opinion that we would better prove each other."

These words so pulled up the ass that he turned his back upon the lion, threw shaking the water from his long ears his hind legs into the air and brayed and body. Then seeing a little fish very furiously to the great surprise of fall at his feet, he exclaimed: "Do

The evening now being at hand, the what you have done? If I had only tion said to the ass: "We will repose now, brother, and to-

morrow morning prove our strength have taken a multitude of those fishes. and skill. He who then shows himself I warn you now not to interfere with best able to do three things which I me any more, if you do not wish to shall propose, shall be lord of the make me your enemy, which would · mountain." To which the ass agreed.

The morning came, and they arose arrived at a deep and wild ditch. Then is life and happiness to me." the lion said to the ass:

power and skill. Do me the pleasure, they were awake at the first dawn of Territories, 12,407 miles of levels were beseech you, now that the occasion light, and agreed to go hunting, the run, 1238 permanent bench-marks es presents itself, to let me see which of lion in one direction, the ass in another, tablished, etc. In Alaska (500) square us can best leap this ditch." Saying and to meet again at a certain hour miles were mapped. Up to the present this he bounded to the other side.

The ass did his best to follow him, tured the most game, was to be king of the United States have been surjut leaped so awkwardly that he fell of the mountain. oon a great log in the middle of the where he was in great danger of of the forest, where he felled and ate death, his forefeet and head on one much prey; the ass went to a farm side, and the rest of the body on the where he saw the barn door open, and There was a time when lawyers'

dition of the ass, cried out:

"What are you doing comrade?" So the lion, fearing be would die if A raven flying by and seeing him lying the law isn't what it was even fifty left to hang there upon the log, de- motionless, thought he was dead, and years ago, and "has passed the days aid of the rule and compass is long and sceneded into the ditch and drew him lighting on him, picked off the grains of the honorarium. Lawyers are sim-

ger, turned to the lion and heaped upon struck it such a blow with one of its that the Law Association is urging a wish to make the star quickly there him all the abuse in his power. The hoofs that it fell dead beside him. bill to protect lawyers against the loss is a better way. lion astonished at this ungrateful conduct, asked why he thus upbraided him | chase, he said to Brancallon: when he had so kindly saved his life.

The ass, pretending to be angry, replied with insolence: "You vile and malicious creature! taken.

"And how did you take it?" said Francalion. The lion told him all he had done,

his arts, his ambushes and his races. The ass interrupted him: "O fool, brainless creature that you are! From morning until now you have not consed to run, and bustle, and brush through the thickets, and chase over the mountains, to take what little you took. And I lying here and taking

my pleasure, have caught and eaten so much that I am just ready to burst, as you may easily see. And to prove to you that I am not telling kile stories, have kept this fat bird as a mornel for you, which for the love of me, I beg you will accept."

The lion thanked the ass for the bird and then went away, resolved never again to present himself before the ass. While on his way he met a wolf running at great speed. The lion stopped him with the inquiry: "Where are you going so fast, com-

rade wolf?" "On important business. I must be at a certain place this very bour, so lon't trouble me," replied the wolf. But the lion, believing that the wolf was rushing into danger, begged him

to go no farther. "Not far from her." said he, is "Bruncallon, a very large animal, with monstrous cars, and a bide thick enough for a shield. His voice is like thunder; any beast would fly before it. Then he does the most wonderful things. He is a monarch before whom

The wolf knew that the lion spoke of "Don't be afraid. It is only an ass. the most contemptible animal ever created, good for nothing but to bear burdens and blows. As for me, I have eaten in my time more than a hundred go safely, as I shall show you."

"Go, my friend, if it seems good to you," said the lion; "for my part, I am satisfied with what I have seen." But the wolf prevailed on the Bon to accompany him on condition that they should not separate from each other; and to make this sure, they thed their tails together. Then they started towards the ass, who seeing them at a distance, and being afraid was just about to fly, when the lion, pointing him out to the wolf, exclaimed: "See, brother! See him coming straight for us! Let us not wait, for

he will kill us. I know his fury." The wolf burned with the desire to attack the ass. "He quiet," he said to the lion, "be

quiet, I entreat you, and have no fear. It is only an ass."

But the Bon, more frightened than ever, plunged through the most tangled was afraid of him and dared not pass | Courage! Courage! I am waiting for thickets and leaped the widest ditches While he was breaking through a thick hedge a thorn tore open his left eve.

fiving on exclaimed to the wolf: "Didn't I tell you rightly, comrade! Finally, the lion, growing confident, out of sight. The lion knew not what Run! Run! Run! Run faster! He has alto do, fearing on the one hand that the ready put out one of my eyes." And still fiving he dragged the poor wolf against the sharp rocks, and be angry, and kill him. He finally de through the most dangerous places, cided to help him, and plunged into the till the poor creature died of his bruises

> which he pulled so long and vigorous-When at last the lion believed himself ly that he succeeded in getting him to in safety, he said to the wolf: "Comrade, I think we may now un The ass, finding himself on hand, safe tie our tails; what do you say?" from the terrible waves, put himself Ilon body Traitor! Wretch? he exclaimed. "Ah comrede I to a dead Hearing no answer, he turned and into a passion as before and abused the

'you are my evil spirit, depriving me kill you," he exclaimed; "but you were of all that I enjoy. Ah me! When obstinate; you would not believe me. See what it has cost us! You have lost The lion tried ito excuse himself. your life, and I my left eye." Then, untying himself, he abandoned

"Comrade, my dear friend, I was the dead wolf and went to hide himself in dense and dark caverns, leaving That is why I drew you out. I thought the ass possessor of the mountain, I was doing you a favor instead of from whence it has come that the ass dwells among the haunts of men, and "Keep silence, I pray you," said the the lion in savage and uninhabited ass. "But tell me, if you can, what places.

But men, as well as lions, are sometimes deceived and over-reached by false pretensions.-Waverley Maga-"See if I had none," returned the ass, zine.

The United States Geological Survey s diligently prosecuting its topographical survey of the United States. Besides the topographic sheets, there are river, I should at my ease and pleasure sheets for land classification, geology, etc. The atlas sheets are sixteen and a half by twenty inches, engraved on copper and printed in three colors. The cultural features such as roads, rail not be well for you, I assure you ways, cities, etc., as well as all letter Whenever you think me dead or in ings, are black, all water features are danger of death, I wish you to leave blue, and the hill features are shown and went forth in company till they me alone; for what seems to you death by brown contours. The sheets can be bought for five cents, or in quantities The shades of night were now gath- for two cents per sheet. During the "Brancalion, I am your friend, but ering, and the lion and ass sought a last fiscal year, 35.123 square miles I shall never be at rest till I know your place of repose. The next morning were surveyed in thirty-two States and

Lawyers' Fees.

clients.—Philadelphia Record.

and place, when the one who had cap time, 830.847 square miles of the area veved-about twenty-nine per cent. of

The lion went into the deepest part its surface. a great pile of oats on the harn floor, gowns had pockets in the back, in The lion, noticing the persons con- He entered without leave, and ate so which a client could deposit an "honmuch oats that he was ready to burst, orarium" without giving a sordid, mer-He then repaired to the place where cantile character to his relations with But the poor ass was past answering. be was to meet the iton and lay down. his counsel. But ex-Judge Porter says | called in geometry the regular pentaof oats that were still sticking to his ply the paid employes of their clients." The ass, finding himself out of dan-lips. Vexed with the raven, the ass One of the evidence of the change is When the lion returned from his of contingent fees by settlement of

> "Hear what I have taken and tell were unprofessional once. It will also figures on the left of the design. At me if I am not a good hunter?"

FUNNY ALPHONSO. onso sits beside me with a blue inquir. There is thus obtained in a twinkling

ing eye,
A host of questions silently propounding.
And presently a storm begins; and round about me fly
A "What is this?" a "What is that?" and then a "When?" and "Why?"
Till bow his tongue can serve the need

I ask him for a backet to accommodate re In other words, I beg that he will hear He listens to each answer with a pair of

To get them out at such a speed

For something else, I plainly see, has awak ened his surprise.
And all his thoughts are far away,
And nothing I can do or say Will keep them near me

From bud to tesd of knowledge like a but terfly he goes, And lingers not around them for a min But off again, unsatisfied, to find another And if you meet Alphoneo and will ask him what he knows, He'll turn on you a thoughtless look, Then glancing through his "wisdom

Find nothing in it. Now those who will ask questions should be patient for replies.

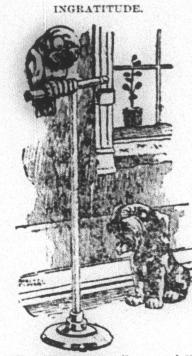
And when you find Alphonso, please to wisdom seks for knowledge or it never would be wise, But waits to hear the answer ere it seeks

a new surprise, 'or all who'd reap the harvest fair That truth is rearing everywhere Must pay attention.
-Chicago Record-Herald.



with the mouth obliquely downward flar results. and set fire to the rim. A jet of gas produced by the distillation of the paper will issue from the small hole and will burn if a lighted match is put to it.

HOW SNAKES SPEND WINTER. The snakes are retiring for the winter now, but they make little preparation for their long sleep. They simply crawl into holes in the ground, fissures in rocks, or beneath the roots of trees, and there remain in a torpid condition until the warmth of spring awakens them. Sometimes a lot of them gather in a hole some distance from the surface of the ground, roll themselves into one large ball, and thus pass the winter. Such a ball is sometimes com posed of hundreds of snakes so closely interwoven as to be quite difficult to separate.--Woman's Home Companion.



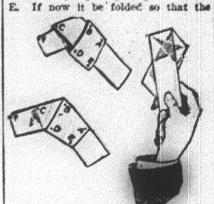
"Yes, Towser, after I've served this family faithfully for ten years they've gone and bought a phonograph."-New

York Journal. TO MAKE A PAPER STAR. The five-pointed star which is seen upon the uniforms of military men is gon star. Its construction with the complicated, so complicated, in fact. that the description of the process would be useless. But for those who

make a knot as indicated in the two each year it is Dublin (doubling). cases out of court. Contingent fees be noticed as a change that it is now Then he told what game he had necessary to protect lawyers from their the knot. Then draw it, holding the wheels from slipping magnetizes the

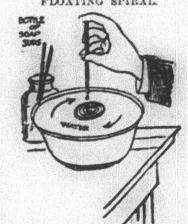


following the lines A E and C D. the ordinary regular pentagon A B C D



edge C F takes the direction A E, and out sait, says Prairie Farmer. Chickthen the pentagon be placed before the ens can always get salt in summer by window or in front of a light, the eating grass, which absorbs a certain charming star of five points will up amount from the soil. But in winter pour in the transparency, owing to the it is different. During cold weather all differences in the thicknesses of the prepared chicken foods, such as mushes DESIDER.

PLOATING SPIRAL



A spiral of fine wire will float if it surface of water. Then if a drop of a strong solution of soap is applied to the centre the spiral will make several turns in the direction shown by the arrow-that is, in the direction in which a clock spring turns when it is being wound up. When the motion largely used, and with excellent rehas ceased the application of another drop of soapsuds will renew it and the Twist a large piece of wrapping pa- process may be repeated many times. per into a cone and make a small hole | Alcohol or strong distilled liquor may in the side near the point. Hold it be used instead of soapsuds with sim-



Cut out of cardboard and color the the many ways suggested the followfigure of the dancer and fasten it by ing proves to be very profitable. Take one foot with sealing wax to the head a piece of board or shingle about fourof a large needle, the point of which is teen inches long and one-fourth inch stuck in a cardboard circle as close as thick; round one end out to fit the possible to the stage. Out of a larger piece of cardboard cut a circular hole of just twice the diameter of the first card. If the small card is placed within the hole in the large one and made to roll ground its edge it will be seen that the needle and the figure move in a straight line along a diameter of the large circle and that the dancer turns completely round once during each complete trip back and forth. If a thread is stretched just behind the figure on a level with her toes she will ppear to be dancing to and fro upon it. In general the line (called a hypocyiolds which is described by a point straight line when one circle is just half the size of the other.

CONUNDRUMS. Why do girls like to look at the noon? Recause there is a man in it. What table hasn't a log to stand on? Multiplication table. Why is your eye like a man being whipped? He is under the lash. What is the riddle of riddles? Life,

because we all must give it up. Why does a call wag his tail? Beause he wants to Why should a girl be well stamped? If she isn't the malls won't take her. Which is the most ancient of trees?

The elder true Why is a dinner on board a steamship like Easter day? Because it is a movable feast. What trade would you mention to a

short boy? Grow sir (grocer). Why is a plumcake like the ocean? Because it contains so many currents. Why is a city in Ireland likely to be Take a simple band of paper in which the largest city in the world? Because

the top is seen the commencement of A new device to prevent locomotive band of paper very flat and fold it drivers so that they stick to the raffs.

A DESCRIPTION OF THE PARTY OF T darm lobies

A CHEAP CHIMNEY. A very serviceable chimney for many purposes can be made of glazed tile. Get tile of the proper size and set it endwise on a flat stone, building up the chimney with as many lengths of tile as are needed. Where the stavepipe is to enter use a T length. It is cheap

and safe, and does not look hadly. PRESERVING POSTS. The State Department reports an English patented process of preserving timber and posts. The treatment consists in boiling the wood in a solution of sugar. Upon the evaporation of the water at a high temperature the pores and cracks in the wood are found filled in with solid matter and the timber is vulcanized, preserved, seasoned and rendered largely impervious to water. A series of experiments have shown that the life of ties, posts, etc., was prolonged by this process.

SALT IN POULTRY FOOD. Many people labor under the misaken impression that no sait should ever be put into poultry food, simply because highly salted food, such as salt fish or old pickled meat, always kills chickens. As a matter of fact, no living thing can get along entirely withand boiled regetable mashes, should be salted in about the same proportion as for human food. If this is done, the poultry will be both healthler and more

CARE OF LAMBS.

In the case of twins, it is well to place them with the mother in a small, separate pen, for a day or two, in order that they may become acquainted, and to avoid the danger of one of the lambs straying away, which may cause trouble. When lambs are born weakly, more care is required, and nuless the shepherd is with them to see that they are suckied soon after birth, they are liable to become chilled and die. If the lamb is too weak to stand up and suck, it should be held up and some milk milked into its mouth, when ir will soon take the tent and help itis well offed and laid gently on the self, or the ewe may be gently laid upon her side and the lamb brought to the test on its knees or side, and helped as above indicated .- The Cultivator.

CALF FOOD.

A mixture which has been very of two parts of barley meal and wheat meal to one part of ground linseed. To this is added a pinch of carbonate of soda, say, at the rate of one ounce of the soda to every peck of the mixture. This meal is prepared by being mixed with a little cold water until it reaches a creamy consistency, and then warm water is added until the meal reaches about blood heat. It may be used either as an addition to the skimmilk or as a complete substitute for milk, after the calf is five or six weeks of age. The addition of cooking sods is made with the object of counteracting any tendency to scour or undue looseness of the bowels.

A HANDY COVER

During rainy and stormy weather in sugar season there is always a great deal of trouble from rain in the san Some farmers have covers for their buckets which dispense with any devices which may be suggested. Among



roundness of the tree. done with a knife or small saw. Then in the circumference of one circle roll- fasten a good stiff wire at the end ing inside of another is a more or less rounded out for the tree with small complicated curve, but it becomes a staples or cleats. Bend the wire so that it will hold tight to the tree. This will afford adequate shelter -E. A. Hunt, in The Epitenist.

GEESE FOR BREEDING.

If you intend to keep only a part of your flock of goese, and wish to sell the rest, be careful to select the ones for breeding purposes that paired together the spring before. Geese are queer things, and if you sell one of a pair they are very apt not to mate at ill the next season, and the eggs will rot be fertile. A gamier will sometimes have two mates, but not often. Eggs of young goese should never be set. They are small, and the goslings will weakly and are not apt to live, and if they do they will be very inferior I have found the most profit from

selling all my goese in the fall but about nine or ten to raise from the next spring. Last season from five geese and four ganders I hatched about forty goslings. Two or three young geese should be kept each year to take the place of the old ones, that is if you have any very old geese. I have kept them four and five years and they were just as profitable as younger ones.-Ella Catron, in New England