Scientific.

The Cometary Worlds.

the flight of comets through space; the sud-resisting, even to light, it becomes the irresis- lime, use half a bushel of lime, and half a have a good bedding at night, are cleaned deness with which they blaze forth; their ex- tible force, before which the ocean promon- bushel of hydraulic cement. - Downing's Horceeding velocity, and their terrific appearance; tory crumbles to dust, and the rocky moun-ticulturist. their eccentric motions, sweeping towards the tain is levelled with the plain below ;-a mesun, from all regions and in all directions, chanical power, whose energy is without have rendered these bodies objects of terror bounds. Of an apparently, absolute neutraliin all ages of the world. While the planets ty, without taste, without smell, a powerless pursue an undeviating course round the sun, nothingness, that deceptive innocence is the in orbits nearly circular, and almost coinci-solvent of everything, reducing the thousand dent with the plane of the earth's orbit, all re- solids of the earth to its own form. Again, ex- should teach their steers to draw together in with from one to two pecks of carrots per day. volving harmoniously in the same direction, isting at one instant, in the next it is gone, as the yoke. Many farmers are careless in this The butter made in winter, by the aid of carthe comets perform their revolutions with if it were annihilated : to htm who knows not matter, and leave it to untrained boys to train rots, is fully equal in color and sweetness to that every possible eccentricity, confined to no its nature, it has ceased to be. It is a lake, unruly steers. We claim no superior wisdom made in June. The milking and care of my particular plane, and moving indifferently in and in a short time it is nothing; again it is in this matter, but we must remind farmers stock is attended to by myself, unless preventaccordance with, or opposed to, the general that lake, and it is a solid rock. It is crystal occasionally " of what themselves do know." ed by sickness or absence: milking throughmotion of the planets. They come up from at one instant, and in the next it is invisible; below the plane of the ecliptic, or plunge down- while the agent of it sinvisibility transports it break steers, but in doing it they first break morning and six in the evening." wards towards the sun from above; sweep beyond the earth: that rock is air! Thus sail- their noses and backs. We have often insistswiftly round this their great centre, and with ing the heavens, it descends again unchanged, ed that much whipping is not needed when increditable velocity wing their flight far into again to renew the same ceaseless round : for- the right course is pursued. Kindness, gentlethe fathomless regions of space, in some cases ever roaming between the earth and the vacant ness, and good humour are appreciated by them never again to reappear to human vision.

regarded these wandering fiery worlds with and though appearing at rest, resting nowhere. It is not long since we saw a couple of awe, and looked upon them as omens of pes. This and more is water; powerful in its weak- young men attempting to make a pair of steers ons, and often seriously maimed, or destroyti ence and war; and indeed, even in modern ness, and powerful in its strength; an union move forward in their new yoke. They were ed outright, If you have a flock of sheep, anomalous objects without a feeling of dread. of creation .- [M' Culloch. The movements of the planets inspire confidence. They are ever visible, and true to their appointed times; while the comet, erratic in its course, bursts suddenly and unannounced upon the sight, and no science can predict in the outset its certain track-whether it may plunge into the sun, or dash against one of the planetary systems, or even come into collision with our own earth, is equally uncertain, until after a sufficient number of observations shall have been made to render the computation of the elements of its orbit possible.

Previous to the discovery of the law of unisome philosophers they were regarded as meteors kindled into a blaze in the earth' satmosphere, and when once extinguished they were lost forever. Others looked upon them as permanent bodies, revolving in orbits far acribe either of the four curves, the circle, nut; when he is hungry, he eats its soft ker- the bow was made fast. eclipse, parabola, or hyperbola, it at once be-nel. came manifest that the eccentric movements If he has a mind to be merry, he sips a glass of the comets might be perfectly represented the comet would become visible in its approach curry with vinegar made from the toddy. to its perihelion, or nearest distance from the Should he be sick, his body will be rubbed dor, and in its recess to the remote parts of juggery, or cocoa-nut sugar, and softens it the orbit, would gradually fade from the sight, with cocoa-nut milk; it is sipped by the light relaxing its speed, and performing a vast por- of a lamp, constructed from a cocoa-nut shell, buman vision,- [Prof. Mitche'l.

Water, a Miracle of Creation.

Is there any one who can elevate his mind above that indolence of observation and dul-money-box, are all constructed from the shell ness of feeling, which result from the daily of the nut. Over his couch when born, and, impressions of familiar objects? There are such : for of them is he to whom Nature has granted the power of seeing her as she deserves to be seen, and of teaching others how she ought to be contemplated. It is the poet of Nature who should write the history of water. Familiar, even to neglect, this is a wonderful and durable wash for wooden fences and buildsubstance, and we forget to admire; -- beauti- ings. It owes its durability chiefly to the rent and colourless, it is the emblem of purity; wash : in its mobility, it is imbued with the spirit of Take a barrel and slack one bushel of fresh- your steers to whip them. life; a self-acting agent; a very well in the ly burned lime in it, by hovering the lime with unceasing river, the dancing brook, the furi- boiled water. ous torrent, and the restless ocean : speaking rush of the cascade, and the roar of the seawave; and even in the placid lake throwing its one quart of fine salt. own spirit of vitality over the immovable obty of the surrounding objects; a tempering red. shadow in reflecting the bright picture, and, as the mirror of the sky, a light amid darkness; add one-half a pound of French blue, and one-understanding of the designs of the master.

Its singular oppositions of character are not sienna, and one-fourth pound Venitian red The wonderful characteristics which mark less striking. Yielding to every impulse, un-In the early ages of the world, superstition below in the performance of its endless duties, overcome by kindness. Let us go into detail.

The Cocoa-nut Palm Tree.

When the Cingalese villager has felled one of these trees after it has ceased bearing (say in its seventieth year,) with its trunk he builds his hut and his bullock stall, which he thatches ground. in a rude net of coir-string, made from the breaking was deferred to another day.

of arrack, distilled from the fermented juice by giving to them orbits of the parabolic or of the palm, and dances to the music of rude hyperbolic form, the sun being located in the cocoa-nut castinets. If he be weary, he quaffs focus of the curve. According to this theory toddy of the unfermented juice, and flavors his sun-would here blaze with uncommon splen- with cocoa-nut oil; he sweetens his coffee with tion of its vast curve far beyond the reach of and fed by cocoa-nut oil. His doors, his windows, his shelves, his chairs, the watergutter under the eaves, all are made from the wood of the tree. His spoons, his forks, his basins, his mugs, his salt-cellars, his jars, his child's over his grave when buried, a bunch of cocoanut blossoms is hung to charm away evil spirits.

Dickens' Household Words.

Cheap and Durable Wash.

with its own voice in the tinkling of the drop- to bring it to the consistency of good white- noses beaten in as steers have that have been will bring this into play, he will have no ping cavern, the murmuring of the rill, the wash. Then dissolve in water, and add one clubbed by ill-tempered drivers and taught to difficulty in meeting and overcoming every pound of white vitriol (sulphate of zinc) and crouch and stick their heads to the earth to emergency of perverse instinct or had habit

To give this wash a cream colour, add one-

while it is the color to enhance what it con-fourth pound of Indian red; a drab will be trasts, whether in its splendour or its shade. | made by adding one-half a pound of burnt Lincoln gives the following in relation to the

For brick or stone, instead of one bushel of

The Farm.

Breaking Steers.

The winter season is the time when farmers

regions of space; wandering about the earth as well as by the human race, and they can be

At length a stick was used, and one of the steers pen by themselves. thought it was time to be free (he did not In many diseases to which cattle are subject, even understand the slave catching law,) he a tea of sheep-dung is the surest remedy that sprang forward, but his mate had not then can be given. When running with sheep, the made up his mind to move, and he kept his calves generally consume with avidity the

of the bark, by which he also suspends the of making them advance or run back while nated with the peculiar virtues of the "specismall shell which holds his stock of home-made yoked together was given up, and the steers fic," and are thereby prevented from falling utensils and vessels. He fences his little stood their ground much better than Santa sick. Those who have adopted this practice, plot of chilles, tobacco, and fine grain, with Anna's troops did when General Taylor was speak of it in terms of the highest approbation. the leaf stalks. The infant is swung to sleep whipping. The steers were unyoked and the Conveniences for watering, feeding, &c.

versal gravitation, comets were looked upon ed cocoa-nut is boiled over a fire of cocoa-steers yoked again. We filled our pockets mantown Telegraph. as anomalous bodies, of whose motions it was nut shells and husks, and is eaten off a dish full of apples, for the steers were too green for formed of the plaited green leaves of the tree, green or ripe corn. As soon as the off steer with a spoon cut of the nut-shell .- When he found we had something for him to catch hold

> strike a blow. We took more apples from our pockets and in a very few minutes both steers followed us around the yard and in any direction where we chose to go. They were had not the least inclination to run away. When they had become used to moving together haw them and gee them about without the least difficulty, and in two hours time we could post in future, and break no more bridles. drive where we pleased. They would haw about or come to by holding out a hand to them as in offering an apple.

them move. We have often seen steers afflict- ture. ed with a bad habit of geeing or running off from the driver, and we have too often seen The following is a most excellent, cheap, for not letting you catch him in the pasture.

men, will you remember this and not chase

Steers that are broken without whipping stand more erect in the yoke than others, After it is slacked, add cold water enough They have no slavish fears of having their hide them from ungoverned wrath.

The steers we have been speaking of now jects around. And, if its motion is the life of half pound of yellow ochre (in powder.)—To hold up their heads as high in the yoke as out the landscape, it is, at rest, the point of congive it a favon colour, add a pound of yellow of it. They have no craven look or sulky nod trast and repose for the turbulent multiplici- ochre, and one-fourth of a pound of Indian to show resentment for their loss of freedom, but seem to be willing to exchange that for a tit

WINTER MANAGEMENT OF COWS .- Mr management of his cows in winter:-

"They are stabled, are fed at regular hours, every morning with the curry-comb instead of the card, are kept stabled except for two or three hours in the middle of the day, if fair weather-if stormy they are not, except a sufficient time, morning, noon, and evening, to allow them to drink. Milch cows should be kept warm and day. The hay given to the cows is of ordinary quality, and each cow is fed They and we have seen people attempt to out the year uniformly at six o'clock in the

Wintering Calves

Young calves should never be confined in yards with yearlings or cattle older than themselves. As they are inferior in strength, they are consequently often injured by the pushing and crowding of their more sturdy companitimes, no e; e can look upon the fiery train of feebleness and force, or incessant activity past two years old and had never been even halturn your young calves in with them. They spread out cr millions of miles athwart the and apparent tranquility, of nullity and ubi- ter-broken or confined in any way. They were will there partake of their food with the sheep eky, and watch the eccentric motions of these quity, of insignificance and power, a miracle yoked in a cowyard and soon invited to move, without quarrelling, and at night will be kept but neither understood what was said to them. more comfortable than if tied up and put in a

straw and litter on which these animals repose. with its leaves -His bolts and bars are slips After much whipping and beating, the idea and which, to a certain extent, becomes impregshould be arranged, gnd the animals provided husk of the fruit; its meal of rice and scrap- On that other day we requested to have the with salt as often as necessity requires. - Ger-

Management of Animals.

In breaking or managing a horse, however goes a fishing by torch-light, his net is of co- of instead of himself being caught, he came intractable or stubborn his temper may be. coa-nut fibre; the torch or chule is a bundle of forward, ate the apple, then another, and a preserve your own. Almost every fault of dried cocoa-nut leaves and flower stalks; the third. Now he stood to have the yoke put on the brute arises from ignorance. Be patient little canoe is a trunk of the cocoa palm-tree, him, and we turned our attention to the nigh with him, teach and coax him, and success bove the moon, and reappearing at the end of hollowed by his own hands. He carries home one. He too came directly under the yoke in time is certain. There are tricks, however long, but certain intervals. When, however, his net and his string of fish on a yoke or pin-that was held up for him by one of the young which are the results of confirmed habit or it was discovered that under the influence of go, formed of a cocoa-nut stalk. When he is men, following us with a good apple that was viciousness, and these sometimes require a gravitation, any revolving worlds might desthirsty, he drinks of the fresh juice of the young held out to him, and he are two or three while different treatment. A horse accustomed to starting and running away, may be effectual-Now the motion was to make the steers ly cured by putting him to the top of his speed move. We charged the young men not to on such occasions, and running him till prety thoroughly exhausted.

A horse that had a trick of pulling at his bridle and breaking it, was at least reduced to better habits, by tying him tightly to a quite willing to move forward together, and stake driven on the bank of a deep stream. With his tail pointed to the water, he commenced pulling at the halter, which suddenly in the yoke they could be driven by means of parted, over the bank he tumbled, and after a birch stick applied to their tails. We could a somerset or two, and floundering a while in the water, he was satisfied to remain at his

A ram has been cured of butting at every body and everything, by placing an unresistiug effigy in a similar position; when the sud-The truth is that when steers a first yoked den assault, on a wintry day, resulted in tumbthey know nothing of what is wanted, and all ling his ramship into a cold bath, which his the beating that can be inflicted will not make improved manners took care to avoid in fine

A sheep-killing dog has been made too much ashamed ever again to look a sheep in the driver run after them and whip them for the face, by tying his hind legs to a stout ram running off. This is equal to whipping a horse on the brow of a hill, while the flock were quietly feeding at the bottom. On being set An old man once told us he hever ran af lree and somewhat startled at setting out, in ter a pair of steers. He could always bring his haste to rejoin his friends, he tumbled and ful, and we do not note its beauty. Transpa- white vitriol; which hardens and fixes the them back by showing an ear of corn. Young thumped master Tray so sadiy over the stones and gullies, that he was quite satisfied to confine himself to cooked mutton thereafter.

Man's reason was given him to control "the beasts of the field and the birds of the air," by other means than brute force. If he in the dumb things by his superior cunning.-Amer. Agriculturist,

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Good counsel is above all price.

Great designs and small means have been the ruin of many.