air passages for a free egress of moisture: there is no such thing as a God but only a while he sung, or rather gently roared, in others the cells are very compact and series of forces." The conclusion detheir position changed in order to hold all duced from the above citations are comthe moisture possible.

different varieties of cactus, growing as ble to conceive too grandly of nature, or they do in countries which have long hot of the unbroken harmony and continuity The remainder of the song I cannot recall. seasons during which little rain falls, of its movements. The very magnifi. I do not think I ever heard it before or when their stalks and foliage above and cence of its order is only a further illus. since. But the impression made upon me their roots beneath, being early cut off by tration of divine wisdom; for surely the at the time was profound. Perhaps some. The Conversationalist as a Listdrought, the plants rest securely in their very thought of a divine mind implies the thing was due to the utter sang froid of Mr. compact bulbs, filled with nourishment, perfection of wis.lom, or, in other words, Olney. He did not appear conscious that and retaining their moisture until the of order, as its expression. The more, he had an audience, and entered into his rainy season comes, when they put forth therefore, the order of nature is explained work with an artist's fervor, and with a leaves and buds with great rapidity, mak- and its sequences seem to run into one confidence in his ability to do the thing ing what was an grid waste of sand green another with unbroken continuity, only "handsome," that I ever remember as with foliage and gay with blossoms in al. the more and not the less loftily will we something morally sublime. most a day. The leaves of the Oleander be able to measure the workings of the furnish another instance of peculiar construction. While most leaves of plants have only two layers of cells upon the upper surface those of the Oleander have four, of hard, thick-walled cells, arranged on end and closely packed together. All who have grown this plant know how a thrifty plant taken from the garden in the fall and placed in the cellar, soon from lack of moisture the leaves become dry, often curling up, and the plant looks dead. But when planted out in the spring time the leaves soon become bright and green flowering much more profusely than one that has been growing all winter.

4th. Carnivorous plants.

How strange to think that plants eat insects and how curious the contrivance provided them for catching their prey. The whole plant of what is called Catch-fly Pink is covered with a gummy substance, and when flies or other insects alight on it, they are stuck fast. In summer time you can see one of these flowers literally covered with gnats, flies and Liosquitoes Another more striking is that of Drosera rotundifolia or Sundew. This curious little plant, instead of leaves closing upon its victims, has long, reddish hairs tipped with small drops of a clammy fluid, appearing like dew glistening in the sunshine. An unsuspecting insect, seeking to allay its thirst or obtain food, sees these glistening drops, eagerly alights upon the leaf, when the long hairs suddenly fly back upon him. Did we ever realize that flowers were cruel and deceptive? long bristles that grow there. Then the trap suddenly closes, often catching the intruder. The more it strnggles to get motion has ceased within the trap slowly opens; ready for another victim. I might further point out the means for

scattering the seed, the adaptability of leaves for special purposes. Can we not see in all this the work of a designer? Why does the majestic oak bear fruit only as large as the end of your thumb, while the squash vine bears fruit as large as a wash tub? Why does the juice or sap of some plants yield such delicious sugars, and others the rankest poison? Because it is natural, you say; but, frankly, how came nature to assume such contradictions? If one yields poison, why not all? down my back as I pushed forward to the

The green part of leaves consists of Well does Mr. Ruskin say, "Science gives front, and gazed upon the glowing and enpletely summed up in an extract taken See how clearly design is shown in the from Littel's Living Age. "It is impossidivine mind.

Scraps from my Note Book.

IV

OUR PATRON SAINT.

It may not be unimportant to us, as scholrs, to know that our patron saint is St. Catharine, of Alexandria. There is another St. Catharine, she of Bologna; and another still, St. Catharine of Siena; both of whom were, undoubtedly, vcry excellent ladies, and as much deserving of canonization as most of the papal enthusiasts who patroness of education, science, philoso. dred," and so on. phy, and of all students and colleges. "As ent, "she is invoked for all diseases of the tongue," a malady peculiar to extempore speakers; chiefly, in so far as my own observation extends, in the form of looseness. Helena, takes name.

St. Catharine was also patroness of Ven. while we may, for that is all of it.'

SONGS OF THE PROPLE.

I was a boy of thirteen, when I discovered that there is a vast body of popular songs which are not down in any of the books, Perhaps the most wonderful of this kind nor recognized as of respectable parentage, exclaims of plants is the Dionea or Venus' Fly. but which enter into the joys and sorrows Was once, too, at the full, and round earth's si Trap, common in some of the Southern of the great mass of humankind, to the al- Lay like the folds of a bright girdle furled: State. On the summit of each leaf is an most utter exclusion of verses more litera. But now I only hear arrangement which acts like a steel trap. ry. How often have I stopped to listen to Its melancholy, long, withdrawing roar, The moment a fly alights upon its surface a stable boy, a wood-sawyer, or house "help", and brushes against any one of the several who was trolling some song full of grotesque sentiment and ludicrous English! And the question always occurs to me, "Who can set such words to music?" But He sees faith going; he believes little or free the tighter it is pressed, and after all somebody evidently does it, and the music nothing; and like Catullus, as his last and is frequently very tender and pathetic.

I shall never forget a Fourth of July boatride on Crooked Lake, New York-a sheet of water as beautiful as any in the wide world. The trip was memorable, not for the beauty of the scene, not for the glory of the day, and not for the great and happy company who were my fellow passengers. The memorable feature of that memorable occasion, was a song volunteered by Mr. Olney, to an audience of several hundred people, and sung with a voice so loud that he evidently intended to be heard. Boy of thirteen as I was, cold chills ran

cells so arranged as to suit the climate or lectures now-a-days on botany to prove that thusiastic face of the singer. Mr. Olney locality where they grow indigenous. In there is no such thing as a flower, on hu. was seated in an arm-chair, rocking gently some plants the cells are very loosely ar- manity to show that there is no such forward and backward, and cecasionally ranged so as to leave a great number of thing as a man, on theology to show that fanning his face with a real red bandanna, A Nebraskan adds, in something of the

"When we met at the ball, I thought 'twould be right

To pretend that we never had met till that night: But when the captain saw me he came as If by chance

And axed me all for to join in the dance."

THE OLD AND THE NEW PAGANISM.

It is wonderful of what kindred bone and sinew are the Old and the New Paganism. An ancient Roman poet, Catullus, in the famous ode Ad Lesbia, says

"Vivamus, mea Lesbia, atque amemus. Rumoresque senum severiorum Omnes unius aestimemus assis, Soles occidere, et redire possunt: Nobis, cum semel occidit brevis lux. Nox est perpetua una dormienda. Da mi basia millia, deinde centum. Dein mille altera, deinde centum, etc."

"Let us live and love, my Lesbia, and let us regard all the flim-flam talk of austere old age as of the same value. Suns set and can enjoy that honor. But St. Catharine of rise again; to us, when once the orief light Alexandria, whose legend is very fine, and goes out, remains a night of perpetual sleep. whose supernatural marriage with the in Give me a thousand kisses, then a hundred, fant Savior is a favorite subject of art, is then another thousand, then another hun-

Now all this was very natural in patroness of cloquence", says Mdme. Clem. a simon-pure heathen. Death was to him the end of him, and he was not disposed to forego any pleasure, nor listen to the moralaties of the "sere and yellow leaf," but to make the most of present opportuni-Her date is 307; and her burial place was ties. Consequently, he says to his girl, Mt. Sinai; from which the famous convent "Give me a thousand kisses, then a hundred; of St. Catharine, founded by the Empress and keep on giving me thousands and hundreds, and let us be happy in that fashion

> And Matthew Arnold, a poet of the modto the identical standpoint of Catullus, and with himself and he will never find fault

"The sea of faith

Retreating to the breath

Of the night-wind down the vast edges drear And naked shingles of the world.

Ah. love, let us be true

To one another!

only resource, turns to his girl and asks let us be true to one another!"

Thus are the old and new pagans alike spell that bound his tongue. thrown back on "Basia mille, deinde centum." They see no particular hope in the future, and vote sexual reciprocity the only tangible happiness.

VII.

COMPANION VERSES.

When Mr. Seward added Alaska to our national domain, and attempted the purchase of the island of St. Thomas, some one wrote in the N. Y. Herald

"O take me to Alaska,

Where it rains and snows always; And take me to St. Thomas. Where the lovely earthquake plays. And the hurricane is lighted

And take me down to Kansas. Where the gay grassnopper prowls. And take me to Nebraska Where the surly wind e'er growls, Or gets down upon its haunches

And lays back its cars, and howls, It is the constancy of Nebraska breezes that gives us such a dry, healthful climate.

ener.

I confess to a fondness for the listener who lays an embargo on his tongue. The Medes were accustomed to sew up the mouths of those women who were notorious gossips. I am not so sure but that the custom will bear transplanting. Isocrates charged a youth two prices, because he would have to teach him two sciences; how to talk and how to keep silent. Having first learned to talk we should then be able to listen, and listen well.

This silence should not be like that of a stone, arising from inability but that of conscious power. Where there is exclusive reticence, the suspicion is engendered that they are like the cracked bell which refused to ring lest it revealed its defect.

To those who wear a profound look the saying of Fox concerning Lord Thurlow applies, "I know Thurlow must be a great hypocrite for no one can be as wise as he looks."

Shakespeare says:

There are a host of men whose visages Do cream and mantle, like a standing pond; And do a wilful stillness entertain, With purpose to be dressed in an opinion Of gravity, wisdom, profound conceit.'

The golden mean lies between too great reserve and extreme loquacity. Conversation should resemble playing on a harp where as much depends upon holding the cords as vibrating them to bring out the

Madame Recamier, the most beautiful of Erench women, was noted for that attractive reticence which draws out and wins people. She was noted for her courteous and uniform attention. She drew ern classical school and a son of old Dr. out her friends, and dazzled by their own Thomas Arnold, whose written words still brilliancy they gave her credit for stir devout thoughts in many spirits,-has thoughts which were in reality their got back, by the emancipation of science, own. Make your companion pleased with you.

Robert Burns exhibited fine conversational powers. Possessing a singularly vivid imagination, a fine flow of language, having a voice and expression of countenance that varied to suit the sentiment, he fascinated by thoughts as striking and beautiful as the rugged Scotch scenery of his native home.

Addison, whom Mary Montague considered unsurpassed in serious conversation, was ever a deferant and respectful her to love and be true to him. "Ah, love, listener. Like most Englishmen he was never garrulous unless wine loosened the

It is well occasionally to diversify our conversation with a few brilliant fiashes of silence. To those, who like the stream "go chattering on forever," the Persian proverb applies: "I hear the sound of the grinding but see no meal."

Let us follow the example of the French soldiers at Fontibras who with beautiful politeness requested the enemy to fire first. It would also be well to keep the scriptural injunction in mind, "Be swift to hear but slow to speak."