

SHALL WE USE GUANO.

The time is fast approaching when every one (farmer) must determine for himself or through the advice of some one whether he will buy commercial manures for the present season or not.

FARMER.

BEAR HUNTING.

The following singular means of capturing or killing the bear is said to be frequently practiced by Russian peasants who cannot easily procure fire-arms.

Into the Sunshine.

"I wish father would come home." The voice that said this had a troubled tone, and the face that looked up was very sad.

CHRISTIANITY AND INFIDELITY.

Letter from an eminent Minister of the Gospel. CHAPEL HILL, March 25, 1878. To the Editor of the News: Six—I have just read your editorial on "The Spread of Infidelity."

them. The church itself is not alarmed. It pays little attention to men like Ingersoll, because it feels confident of its own soundness and security. It is quiet in the face of new scientific theories, because it knows that, up to date, in so far as those theories really conflict with christianity, they are theories only—mere improbable speculations—to be refuted in due time.

consequence of his sympathies with Russia and his opposition to a British alliance. Meanwhile the Chinese prosecuted the war with unusual vigor, and all the recent advances have indicated their rapid advance into Kashgaria.

PLANT MIND.

The Soul of Plants and Modern Science. Vegetable physiology has made but slow progress. Although its beginning may be traced to the period when Malpighi aided it with the microscope, its real origin does not date earlier than the last century, when by his beautiful experiments on the nutrition and transpiration of plants, Hales explained some curious phenomena in the vegetable world.

AN EMPIRE OBLITERATED.

Kashgar Sealed up by China while Russia is busy with Turkey. While Russia has been so busily occupied in reconstructing the map of Eastern Europe and Western Asia, the Chinese have been busily and uninterruptedly at work on some important geographical business in Central Asia.

"It is good and equitable that each father of a family, without prejudice to his children, should reserve one part of his wealth for other animated beings, to-wit: plants and animals."

Such numerous and striking analogies in the vital functions of beings in the two kingdoms, animal and vegetable, are revealed by physiology every day, that no one can refuse to reflect upon the facts or reject without a candid examination the proposition we are about to consider in a succeeding paper, that the plant is an animated and sentient being.

R. C. K.

TREE WASTE AND ITS SEQUENCE.

The matter of forest tree culture and preservation is in rather an anomalous state in this country. At one end of the national domain, people are planting trees and studying every means to turn denuded land back into forests, at the other woods are being felled and a small war is in progress against the Government on account of its preventive efforts.

forests and rainfall is not definitely settled; but there are very numerous cases on record where the destruction of forests has resulted in the production of desert wastes, and where trees have been replanted humidity has returned.

It is needless to multiply warnings of this kind. In the thickly settled countries of Europe each generation is bound by law to leave the forests in as good condition as it found them. Forests are protected from fire and they are regarded as public property.

A Committee appointed by the Danville Tobacco Association has issued a circular to Tobacco raisers containing the following suggestions which are of special interest to those engaged in the production of Tobacco.

- 1st. We suggest that you plant less tobacco to the hand—thereby you can give it better attention and make it more valuable.
2d. Endeavor to make it finer and better in every respect—1,000 lbs. @ \$25 per ewt. is better than 3000 lbs. @ \$5.
3d. Avoid all smoke in curing, and afterward, and use unhesitatingly the use of Aves in curing, as fire-cured stock is far preferable, and is rapidly increasing in public favor.
4th. Use more home-made manures, and less of the countless brands of adulterated stuff called "fertilizers," which promotes an unnatural growth in the plant and leaves the land poorer than ever.

FAMILY TROUBLES.

Was there ever a family without its troubles? Adam and Eve had their troubles in Eden; and all families have had their troubles. Every family has a skeleton behind the door; every person has a thorn in his side.

The children of a clergyman's family in Aberdeen were making themselves happy propounding conundrums. Finally one of them said, "Who was the meekest woman?"