weight of his presenct, or his voice, to accept his share of this lodgment of the power for good. That is helpfulness; it is moral activity in behalf of the common weal. In God's universe, none of these things are lost; not a deed; not an influence; not a whispered prayer for that which is right. I am not saying that all men will, but that every man can, rise to the point of an interested factor. Men educated to beer halls and dog fights and the lower kinds of amusement, will not rise to the level of these finer things. They have no desire to do so. It takes the touch of the Infinite to make such men something else than sodden, egoistic, lower forms of life. The Greek called man anthropos, one with face turned upward. And what shall be the use of all our wealth and wealth creating inventions, all our civilization, all our arts and sciences, if these do not turn man's face upward and create a higher range of personal feeling, ambition and action for the race. Not ouly are we entitled to luxary and culture and refinement, bat we should have a high spirit of beneficence, guided by justice, and justice adorned with the garlands of a jadicious benevolence. Under this our charities should be multiplied, that we may lift from the weak and unfortunate a portion of that weight of Cane which crushes into dumb despair half the human race. Born of such a spirit, will come honor and honesty and courage and self denial and modesty and charity, qualities which enlarge their influence from the fireside to the neighborhood, until they permeate the community, and public sentiment will at last become imbued with the spirit of personal worth.
C. B. Cablale.

Is the struggle of life is it not well for the farmer to pause a few moments to consider where he is drifting, what he is working himself and his family so hard for, what he expects to accomplish in the end? We can name a hundred Montana farmers to-day, who have, in a maner, worked themselves and their families to death. True they are not literally dead, only dead on their feet, as it were, dead to every enjoyment but making money, and are candidates for the graveyard ere the prime of life is reached. Yes, we can name a hundred farmers, who, with their families, have worked and are working every spark of ambition out of their lives, simply to get rich. How rich they cannot tell, for the man has never yet lived who has accumulnted enough. Many who alave and toil thus have obtained a competency, obtained at a cost of every comfort that goes to make life pleasant, at a cost of their strength and ambition, and even now had they the disposition and eapacity to enjoy themselven, have not the health to do so. This is a mintake. The chief object of every farmer should he the comfort of his family. His home should be his Mecen. It should be his palace; and while it is well to practice ceonomy, and to impress such habits on rising generations, it will not do to enslave one's self or the membera of his household. There is nothing in wealth to justify it. There is more in a contented mind, a pleassant and happy home than in all the gold of Ophir.-Husbandman.

Tire Avenir Militaire gives us some particulars concerning a torpedo cannon ball invented by Captain Coudray, of the navy. Four yeare ago the captain presented his projectile to the authorities, who at onee ordered experiments to be made with it at Gaves, near Lorient. We are told that for some time pasi the moiesh invenior has been engaged in manufacturing his projectle under the supervision of a special commission named by the Minister of Marine. At first it was found that all projectiles discharged at the mean velocity of one hundred and fifty meters a second rebounded on striking the object at which they were fired. Time was afforded to Captinn Coudray to improve his invention, and it neems that, in spite of such hard striking on the part of the savants, he has suceeeded in caring the defeot complained of. The torpedo cannon ball, wo are anaured, now travels at the rate of three hundred meters a necond, and instend of rebounding on striking a nhip, glides along its side, and never loses contact until it explodes. The last cannon balls conatructed contain a charge of forty pounds of guncotton, although twenty-five pounda is said to be sufficient to blow up the biggest vensel. It is stated that these projectilee can be fired to a much great. er distance than the Whitehead.

A project is on foot for tunneling the "Great Divide" The divide is the Rocky mountaina, and the polut proposed to be tunneled is under Gray's peak, which risos no less than fourteen thousand four hundred and fortyone feet above the level of the see. At four thounand four hundred and forty-one feet below the peak, by tunneling from enst to west for twenty-five thousand feet direct, communication would be opened between the valleys on the Atlantic slope and those on the Pacifie aide. This would shorten the diatanee between Deuver, in Colorado, and Salt Lake City, in Utah, and conaequently the distance between the Missouri river, nay at St. Louis, and San Francisco, nearly three hundred miles; and there would be little more required in the way of aseending or dencending or tunneling mountains. Part of the work has already been accomplished. The conntry from the Minsouri to the foot of the Iheckien rines gradually in rolling prairie, till an elevation is reached to five thousand two hundred feet above the sen level. The Rockien themselves rise at various places to a height exceeding eleven thousand feet. Of the twenty most famous pases, only seven are below ten thousand feet, while five are upward of twelve thounand feet, and one, the Argentine, in thirteen thousand feet. Of the neventy-three important towns in Colorado, only twelve are below five thousand feet, ten are over ten thousand feet, and one in fourteen thousand feet. Passes at such a height are, of course, a barrier to ordinary traffic, and the railways from the At. Inntic to the Paefic have, in consequence, made detours of handreds of miles, leaving rich plains lying on the weatern slopee of the preat snowy range prectically eut off from Denver and the marketa of the Eant. The point from which it in proponed to tanuel in sixty miles due west from Denver, nad although one of the highent peake, it in by far the narrowest in the great back hone of the American continent-Scientifle Americum.

