seidom be more than forty acres capable of being watered in one direction, and it rather plats into tens and twenties. The soil is deeper bere and better than in the upper section. It is a sort of half clay, half sand, and produces very large sagebrusb. Lava protrudes occasionally.

The lower section is as pretty a slope as the eye could wish to behold. Water would follow a single turrow for miles. The best soil is here. I should think it ten feet usep almost anywhere. It is a dark loam with a sandy grit. It seems as if the stone and heavy driftiand settled shove and only the silt had reached this point.

Just below the bluff is a widening of the river bottom and here rise a remarkeble series of aprings supposed to be the waters of Lost river which sink into the lava forty miles to the north. These springs, combining, form Boon creek, a stream as large a-Provoriver, which never freezes over. Quite a number of ranches are localed in this bottom, and use part poser. In places these springs come to the surface on the benches and around such points sait grass flourisbes. Whether these farms will will be troubled with alkali remains to be seep, but every indication is that there need be no fear. The sage brush on this flat is in many places as tail as a This seems horse and rider. incredible, no doubt, but it can be verified by any one that desires to make the test. As might be inferred, most of the fluings are made in this lower section. The town of Grover is laid out and quite a number of settlers are bere. This is the strongest promise that the canal will be completed. There is plenty of good land in this section. There is still

Seven miles south of this splendid slope, but across the river, runs the Oregon Short Line; while seventeen miles southeast is Pocatello, the most prominent city in southern Idaho. The most direct route from Pocatello to vasi and important mining districts in the center of the horseshoe curve of Bnake river is through this very section of coulling; which fact fogether with the consideration that this section will soon be thickly settled, gives early promise of a bridge over Snake river at this point. Pocstello has subscribeo large sums already to the project. A bridge secured, the lower twelve miles section covered by the People's causi will go with a boom. At present the meatest station is Blacktoot twenty-five miles above, or American Falls twetty-five miles helow.

"But what about the climate?" asks the man ready to "spread out," isn't is rather cold there for the comfort of vegetables?"

In the first place the altitude is lower than that of Salt Lake Oity. On the other hand it is two hundred miles north of the city. But to show that it is altitude rather than latitude that immediately determines climate, i neeu only refer to the country about Panguitch, which, though it is as lar south as Blackfort is north, is yet so coluthat the crops have been killed two or three years in succession.

The climate is hardly as mild as that of Sait Lake valley, but milder, or at l east earlier, than that of Sanpete or Cache valley. It was the tenth of Marcu that Professor Brinnhall and I visited the valley, and yet many of the

farmers had begun their spring plowing. Snow tell hast winter at varying depths of from ten to fourteen incnes. Sixty days is the time usually calculated upon for feeding range stock and many seasons they do not feed at all. Horses winter out without difficulty.

The winters are too severe for sheep, and this on the whole must be counted a good thing as it leaves the splendid summer range unharmed for cattle. Seventy-five per cent of the land enclosed within the horse shoe bend of the river comprises this same range and will never be useful for anything else. There is perhaps a thousan equare miles of it composed of lava shelves here and there with patches of soil between, the whole Covered by a forest of cedar, with a sage and bunch grass undergrowth.

This vastillava area lying north of the farming district exercises a very important influence in moderating the climate of the valuey. Such a surface can absorb, or render latent, very little of the sun's heat, but throws it back into the atmosphere. During seasons when the ground is bare, this circumstance gives rise to a constant breeze As this disturbance from the south. is local due to the rising of the heaten column of air, it seldom becomes too violent to interfere with work on a farm. A fauther whom we asked concerning this much-talked-of win . said that there were only three days last season when he could not load lucern hay. Frosts do not interfere with the maturity of corn or potatore, so we may reasonably hope to raise al. kinds of fruit including peaches.

A cord and a half of dry ceuat wood can be gotten in a day. A gload of cedar posts requires two days. There are no mountains, but lef no one get the impression that good wagons are not needed. I suppose a man tamiliar with the difficulties of cauyon work can become accustomed to the contortions of a lava flow. But it is quite safe to say that bicycle riding will never be possible among them.

Lumber can be purchased at Blackfoot at prices fanging a little lower than at Salt Lake City, and consquently houses of this kind are the most common at railroad towns. Buthe building material which will be most used, when the time for substantial improvement shall be found, is, in my opinion, lava stone. It occurs in loose flag croppings on nearly every section or quarter section, so that it may be said to be on hand ready for the mason. It cleaves easily, and presents, when properly pointed with hime mortar, a very handsome appearance. The fact that it is porous prevents the ill effects of sweating so common to stone bouses.

As in most new countries, game is plentitul. Deer, rabuits and sage hens hold undisputed sway over the wide domain of cedar and sage-brush. Salmon, trout and other fish abound in the rivers and streams and furnish wood sport at any time of the year. Boon creek and the remarkable series of large springs which feed it, are open water during the bardest winter, so the regions thereabout are alive with the cache of geess and ducks. Just now it is a paradise for the bunter.

Such are some of the advantages Circles, progressive communities, patriwhich crude nature, presentra, What otic citizeus, and God-fearing men and are the auvantages or disadvantage, women. N. L. NELSON.

from the side of society? First the market for farm products is very low. Wheat sold at 55 cents per hundred last fall, and hay fell to \$3 per ton. Potatoes commanded a good figure These low figures are decidedly advan. asgeous to the settler just now while he is compelled to buy, but what will they be when he comes to sell? I Ch D only say that he has the same facility for reaching the eastern market that the Utah farmer bas, and his local market will be good in a few years. At present the only sensible thing to do is to change his products into beef and pork, and this some of the settlers are now doing—at enormous profite. For cattle have a free range for nine months in the year, and can be fattened for market during the remaining three.

The rate of taxation is higb, but the valuation is low, so that on the whole the burden is about the same as in Utab. It must, however, be kept in mind that bridgee, school hauses, etc., remain to be built in many sections, so that whoever settles there must expect this expense in the usar future. But the present desert entry law, giving the farmer five years to make finsi proof, puts off the day of taxation on real estate till be can get on his feet and begin to realize something from his investment. I was about to dash off a paragraph

I was about to dash off a paragraph or the realism of pioneer life, but feel convinced that this aspect of the question will impress itself upon the settlers quickly enough to make their heads officery. Let all those young people, who are ambitious to experience — atheit mildiy — what their fathers and mothers have passed through—come forward in prairie schooners, and tent it and grup it awhile in primitive fashion. They will become will er, more robust, and quite picturesque, if less handsome by the experiment. It is a thorough oure for attificialaty. It does not cost so much to live on the frontier as in the city. One's wants are fewer, and generations of old clothes cau be aired to striking adwantage. To the squirrels and chipmonks any cut or color is in fashion.

My purpose in writing this letter is. I think, a laudable one. I desire to reach the hundreds of young men and women in our Territory who are just uow hanging on the ragged edge of employment—young people who will never have careers of which their posterity will be proud, unless they strike out for themselves; who, thougn they have eyes are still bind to the opportunities around them; who, in many cases, are as listess and careless as they are blind. I desire to turn them in the direction of this splendid opening and say: "Go, spread out where you can breathe, and help huild up the waste places of Zion."

Ou the other hand I am not a little concerned that a progressive class of people shall settle here, and not the ordinary tiff-rafi of society which the tidles of civilization wash to the front. I am quit, willing to throw in my lot with Utah boys and girls whom I know to be made of the stuff that wears and grows stronger and better by time and hardsbip—the stuff that makes happy homes, choice social circles, progressive communities, pathotic citizens, and God-fearing men and women. N. L. NELSON.

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