

## Saskatchemin Gold.

The early breaking up of the river and the low water ever since gives a botter chance for gold washing than has occurred for some years. Bars are bare that have not been so for years, and can now be worked. Although they muy have been worked out pretty nearly during a former season of low water, in the time siuce they have received a deposit of pay dirt well worth working. This skimming is the chief attraction this season. A larger number of men are at work than ever before unless in the first year or two that gold was struck herebetween twenty-five and fifty. They make from $\$ 2.50$ to $\$ 5$ a day, and will be able to work profitably until the summer rise takes place, some time between the 20 th of May and the 15th of June. The gold is in flakes so amall as to be only visible to the naked eye on account of their brightness. The process by which these fine particles are collected from the river bars is roughly as follows; The pay bars consist of boulders, sm . 1 stoncs, gravel, grit, black sand and gold dust, intermixed. This is loosened with the pick, and shoveled into the dump box. Water is then poured on, which carries the material on to the "grizzly," a convex seive made of iron rods which shunts the coarse gravel off to either side while the fine dirt and gold pass through. These fall through the grizzly into the sluice box-a long narrow box set at a slight incline, in the bottom of which blonket stuff is laid, which catches the particles of gold and the hravy black sand which is always found with it in bar diggings. After such an amount of ma. teria? is run through as causes the blank-t to become fu'l of sand and gold, the blanket is taken out and washed in a tub, the bottom of which is covered with pieces of blanket. The water poured into the dump box carries the solid materisl out at the lower end of the sluice, excepting the gold dust and the black sand. These being the heaviest material stick on the blanket while everything else is floated over. When the blanket becomes so full of sand and gold that it ceases to catch what is passing, it is taken out and the gold and sand
washed out of it into some tight vessel. It is then replaced in the sluice box and the operation continued. After a considerabla amount of sand and gold has been collected-generally at thee end of a week's work-the gold is pamed out. A small quantity of the sand and gold is taken in the goid pan, a shallow iron pan about a foot and a half in diameter with very sloping sides. Water is added and the pan, taken in the miner's hands, is given a certain gentle circular motion which causes the water to carry the greater part of the black sand over the sides of the pan by centrifugal force, while the gold, which is slightly the heaviest, remnins in the pan with a lictle of the black sand. Quick. silver is then put in the pan, with which the gold amalgamates forming a pasty mass, and thus finally gets rid of the black sand. The amalgam is then heated in an iron vesselgenerally in the frying pan-and the quicksilver driven of in vapour, leaving a hard and bright but porns mass of almost pure.gold. In this condition the gold sells at from $\$ 12$ to $\$ 18$ nn ounce Tray wuight, the diff rences in value being chiefly caused by the greater or less care taken in keeping imparities from getting mixed with the amalgam. The standard value is $\$ 16$ an ounce Szskatchewan gold is very pale in color, but it is not less valuable on that ac. count.-Edmonton Bullotin.

## Grocery Poiats.

The New lork Commercial Bulletin has the following on the mackerel situstion :-"At the end of another two weeks the season for the catch of new mackerel will have opened. This year the event is looked forward to with mose than the usual interest. as the poor results attending the labors of the fishermen last year have made the period since unsatisfactory as well as unprofitable to all concerned. True, higher prices have ruled, and those who possessed the limited stocks have heen enabled to maintain the market at the full point estal). lished; but the allanco mado necessary by the *carcity has limited the trade to such small proportions that the benefits derived bave not compensated for the disadvantages which have

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arisen from the absence of the usual demand experienced when the fish are plentifil and cheap. The fish have alrealy appeared upon the coast, but for their protection the law prohibits their taking or bringing into port until on and after June 1. Statements diffor upion the umber observed at sea, some rep orts atat. ing wem to be abumiant, while others say the large schools observed consist chiefly of menhaden and other fish, very fow mackerel being noticed. The boats, howover, are now in active preparation east, and will soon d termine the existence of the fish, thus relieving the minuls of those interested in the industry or sale. All are in hopes. however, that a big catch will be the result of the season's labors, for though a large yield will mean low prices, 1 w prices will promote consumption, stimulated demand and give an opportunity to do business, a fact which will be appreciated after the year's vacation which the trade have becu forced to accept. Advices from Great Britain report the fish as quite abundant upon the shores of Ireland, and that the taking has begun in carnest. These in past seasons have come to this market in all sorts of order and condition, but some of the members of the trade here have devoted considerable time abroad the past year endeavoring to educato the fishermen and dealers there to treat the fish properly for this market, therefore better results are anticipated for the stock intended for export hither. Should the catch again prove a failure upon our shores this seison, Boston dealers, it is said, have entered into arrangements in Great Britain and Norway wherely the hulk of the catch of those countries will be transferred to this side, but should our fisbermen succeed in obtuining good results there will be little need for importation of tho foreign, though as the fish are not appreciated in foreign markets as in this country, there would in $=i l$ probability be liberal shipments of stock marle to this and other markets, which would natural'y cause a shrinkage in value, notwithstanding the exaction of a duty.

Geo. Buker•Son, butchors, Nemaimo, B.C., have sold oult to Joseph Furguson.

