

poses, he advises the preparation of a one per cent. solution from the tartaric sublimate tablets, and the addition of nine parts of rosewater to one of the solution when it is wanted for the disinfection of instruments or for use in the mouth.

Valley Tan.

With the single exception of the American Indian, it is said there has never existed any people so low in intelligence that they have not devised some means of obtaining alcohol in sufficient strength to produce intoxication. Probably there is no product that is so universal among mankind. Even the inhabitants of the frozen North get alcohol by distilling the products of the arctic fir-trees. It is a singular fact that the American Indian, who never of himself obtained alcohol by any process of distillation, has the most ungovernable appetite for it. There never was a native Indian who would not get drunk if the opportunity offered.

The Mormons of Utah never allow the sale of alcohol among themselves, when they are masters of the situation. Yet their religion does not conquer their appetites, for they have an illicit form of it called Valley Tan, which is indigenous to Mormondom. It is said to have all the characteristics of a distillation from sage brush. It looks bitter, smells loud, and tastes yellow, but it gets there just the same.

The Rate of Increase.

Linnæus said that three flies would consume a dead horse quicker than a lion, and he was undoubtedly correct. The fly produces 20,000 larvæ daily, and as each of these comes into the world all ready for business, it may readily be seen with what rapidity they can multiply.

It has been estimated that if everything were favorable,—if all the waters on the globe were composed of the proper culture media and none were destroyed—the product of a single bacterium cell might, in three days, fill all the oceans to their nethermost depths, so almost infinite is their rate of proliferation. And yet in size they may compare with man as the latter does with Mont Blanc.