

no legislation or regulations, local or national, can be made effective. It is not only "above the law," but it increases by natural reproduction. The "sins of the fathers" in this regard are "visited upon the children," if not in the first generation then in others, but it is sure to crop out. To lay the axe at the root of the tree it is this that must be reached. To clip away at the branches, if not labor in vain, is at least but great labor with small results.

The influence and power of the gospel can be made very efficacious in the work of correcting the evil. Faith, when exercised in a proper degree, can remove mountains of gross and fleshly desire. But all men have not this faith, and some in whom the craving for alcoholic stimulant is bred in the bone and inherent in the tissues, are more to be pitied than blamed for their infirmity. To such, help is a necessity. The influence of a stronger mind, or of a person with greater faith and moral stamina, who has also wisdom and sympathy combined with that spiritual and mental vigor, may be exercised with far better effects than the authoritative discourse, the logical argument or the repressive statute.

Here, in our humble opinion, is a field for the labors of good men and women. Here is an opportunity for the exercise of the power of the priesthood by men who desire a sphere of usefulness. If they would save souls from destruction, let them quietly and unostentatiously seek out those of their acquaintance who indulge in the debasing vice, and, in patience and with discretion, cast an influence around them to wean them from the practice, and lead them from the path of temptation into the straight and narrow way of life and sobriety. But let them not assume any airs of superiority, or tone of injured piety, or manner of constituted authority. For the victims of alcoholism are as sensitive to implied inferiority as they are often insensitive to shame and the voice of honor, prudence or self interest. To gain the influence desired, confidence must be won, and the feelings and better nature must be touched, or the labor will be in vain.

Young men who are on the road of righteousness, and are filled with the spirit of truth and peace, can accomplish great things with others of their own age who are straying into by and forbidden paths. And if they should succeed in strengthening one erring friend to overcome a growing passion for anything that is evil, it will form a resplendent jewel in their crown of glory, the lustre of which will never be dimmed throughout eternity.

For the drunkard, or those who are smitten with the alcoholic taint by inheritance, there are remedies which will assist the body to throw off the poison. But the root of the matter is in the conscience and the will, and these may be helped by the force of another's better and stronger personality, by the influence of a clean life, and the virtue of the holy priesthood in its true spirit.

The policy of social and ecclesiastical ostracism may be proper in regard to those who are thoroughly depraved, and in whom there is no place for any influence that can lead to reform; but the policy of the gospel is redemption and lifting up, and it teaches descent into the lowest spheres for the succor and assistance of the fallen and degraded. Have not those who are called to the responsible position of Teachers, in this cause a wide opening for their exertions? We think so, and believe that a vast amount of good could be accomplished, which could be done in a quiet way, without boasting or public reference or any talk to parties not principals in the matter.

We have no apology to offer for either drunkenness or habitual dram-drinking, in private or in saloons. But we cannot blind our eyes to the failure of the stringent and punitive measures that have been adopted in many parts of the world, and are convinced that more can be accomplished by kindness than by harshness. And in connection with this subject we suggest the importance of providing for our young people, age and older folks too, more amusements and recreations of a harmless nature—if instructive all the better, though they are not always attractive enough if educational—to draw people from the paths of sinful "pleasure" and keep them from the way of temptation. Satan should not be allowed a monopoly of amusements that would be innocent, of themselves, separated from their

usual drinking and other evil associations, but the people of the Lord should have everything that tends to promote pleasure, and interest both young and old, so long as it contains no element of sin or demoralization.

Who will aid in the good work? Who will labor in quiet for the salvation of their fellow-creatures?

FISH CULTURE.

No. 3.—WATER.

The report of the Commissioners of Fish and Fisheries contains lengthened articles on fish culture which it is designed to make extracts from, so as to present the most important features of the instructions, in such a manner as to leave with the reader the option of selecting that kind of information which is adapted to the locality, temperature and general condition of the waters of the district in which the lake or stream is situated. The first thing required is an ample supply of wholesome water, on a site where it can be more or less completely controlled so as to secure the requisite fall. The best position is the water from a stream fed by a clean lake, taken a short distance below the outlet of the lake, with an intervening rapid. Such water is usually quiet even in winter it warms up slowly in summer, giving promise of a slow and normal development, more conducive to health and vigor than that of a very rapid development. Sometimes conditions can be created in this region, where artificial rapids may be made, by which a more perfect aeration of the waters may be effected.

The next favorable condition is where the waters of a brook are fed largely by springs, so as to ensure a constant supply and some moderation of temperature on warm days. It is better to have the water flow a long distance over a rough and descending bed, that it may be well aerated, and in cold weather somewhat cooled down from the temperature at which it springs from the ground.

A third favorable position will be pure spring water, but when this is chosen it is necessary to have a cooling and aerating pond, that the water may be properly tempered down by the air before it reaches the hatching houses, and that it may absorb oxygen from the atmosphere by a large expanse of surface.

Fourthly—Ordinary river, brook, or creek water may be chosen, this should be as clean as possible. Such water is inferior to spring water, from its constant liability to change its volume or temperature, by reason of floods or drouth, especially in this region, where such fluctuations are common. Then, the water is liable to become foul by floods, and, in such winters as we have, by obstructions by ice and snow.

In all cases care should be taken not to permit the inflow of water from bogs, stagnant ponds and marshes; for although in such waters fish can frequently be found of considerable size and vigorous in health, the conditions are constantly liable to change when not supplied by springs, for it is impossible to calculate with certainty in these valleys for a sure supply of water by rainfall. To judge of the adaptability of such a place for fish culture notice should be taken of the condition of the pond, or marsh, in the dry season. If at such times there is always found plenty of pure, sweet water, the first requisites are found; then, such a place should be examined when floods prevail, and the condition of the waters in severe winters, such as we are familiar with in this region.

Any statement addressed to the undersigned will be replied to, either directly by letter or, if the questions are of public importance, they will be noticed in the DESERET NEWS. The requisite supply of water for hatching and how to measure the quantity, will be given, from the published tables.

Mr. J. H. Van Natta writes interestingly about the intelligence of fish in seeking out their spawning ground, and the disappointment they feel when they approach a badly formed fishway, such as that which connects, or said to connect, the River Jordan with Utah Lake. Enquiries are also made as to why there are no fish laws? Why "giant powder" can be used to destroy fish? Why saw mills and sampling mills can run rubbish into the various streams and not be prosecuted? To

these questions generally the answer is found in the provisions made by our Legislature:

"The County Courts of the respective counties of this Territory may each appoint a fish and game commissioner, whose duty it shall be to see to the enforcement of the laws for the protection of fish and game, etc." There is also the "Utah Game and Fish Protective Society," with a board of directors, viz. John Sharp, Jun., president; Bolivar Roberts, vice-president; L. S. Hills, secretary and treasurer.

Fish commissioners of counties will oblige by writing a list of streams in their respective districts, stating the length in miles, or area in acres of lakes, approximately if not actually known, stating the local name of the lake, river or creek, and any fluctuations of supply of water when known.

JOS. L. BARFOOT,
Fish Commissioner, Utah.
Address—P. O. box 323, Salt Lake City.

TO POULTRY FANCIERS.

There has been a large variety of poultry imported into this city from the east for the last 15 or 16 years. I have been for some years selecting out those varieties that are best adapted for this climate, and those that are the best layers and the best for table use, and the most profitable to keep. The following is the list of the varieties which I have selected out, namely: Plymouth Rocks, White and Brown Leghorn, Silver Pencil and Silver Spangle Hamburg, and Black Spanish. For the number of eggs in a year there are none can excel them. I have read a variety of works on the different management and feeding of chickens. The following is my mode of treatment: When I pen them up in the summer season, I feed profusely on green food which they are particularly fond of. Following is the variety of plants, namely: clover, lucern, fine grass, dandelions, pot grass, and other green food. I likewise give them bran and shorts, and keep lime and gravel in their pen, and plenty of dust to roll in; this will keep chickens in a normal healthy normal condition.

WM. FISHER, 16th Ward.

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[No. 461.]

NOTICE FOR PUBLICATION.

U. S. LAND OFFICE,
AT SALT LAKE CITY, U. T.,
January 13th, 1881.

NOTICE IS HEREBY GIVEN, THAT the following named settler has filed notice of her intention to make final proof in support of her claim, and secure final entry thereof, and that said proof will be made before the Register or Receiver of the U. S. Land Office at Salt Lake City, U. T., on Saturday the 26th day of March, A.D., 1881, viz: FRANCES ANN LITSON, Homestead Entry, No. 2536, for the N. E. 1/4 Sec. 30, T. 1, S. R. 1, W. 100 acres, and she names the following witnesses to prove her continuous residence upon, and cultivation of said tract, viz: Henry Farmer, Herbert Mar, wearing, George Shell, of South Cottonwood, and James Glade, of Salt Lake City, all of S. L. County, U. T.

H. McMASTER, Register.
STAYNER & SIMMONS,
Attorneys for Claimant. w51 5w



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And all diseases caused by the Kidneys, Liver or Urinary Organs being out of order. It is a SAFE and CERTAIN cure for all Female difficulties, such as

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CHEMICAL ANALYSIS.

S. A. LATTIMORE, Ph. D., L. L. D., Professor of Chemistry in the University of Rochester, N. Y., knowing the popularity and merit of WARNER'S SAFE KIDNEY AND LIVER CURE, after a thorough Chemical Analysis, has furnished the following statement:

UNIVERSITY OF ROCHESTER, Chemical Laboratory, ROCHESTER, N. Y., Jan. 8th, 1880.

Mr. H. H. Warner has placed in my possession the formula of the medicine manufactured and sold by him under the general designation of Warner's Safe Kidney and Liver Cure. I have investigated his processes of manufacture, which are conducted with extreme care and according to the best methods. I have also taken from his laboratory samples of all the materials used in the preparation of this medicine, and upon critical examination I find them, as well as the medicine into which they enter, to be entirely free from poisonous or deleterious substances.

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