CANADA craft

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Conservation is published the first of the month. Its object is the dissem-tion of information relative to the tural resources of Canada, their deopment and proper conservation, and publication of timely articles on n-planning and public health. The newspaper edition is printed on side of the paper only, for conveni-ien clipping for reproduction.

OTTAWA, AUGUST, 1919

A CHALLENGE

"if we can find anyone yal enough to the interests of the st year minion to enforce the law. (13-14 for si In the above words, Mr. W. H. hapley, chairman of the Dominion lesson n, two ged a challenge to the Canadian nation: tw ople-individually and collecrl to ely-on our standing in the

or the de the The occasion was the meeting of e Dominion Fire Prevention mmittee in Ottawa, on May 9 st, and Mr. Shapley's remarks, year contained in the minutes of the nelude

atter of the enforcement of the

eting, were:

feed habits "In these days when so much ney is needed to meet expendior ai es incurred by the war, it is ttle short of criminal to waste 35.000,000 a year by fire. If half f this loss can be prevented, this bath es and this loss can be prevent nmittee will accomplish a splen-lesion of work. The change o pr ildre hat has been made to the Criminal wo ode should have a good effect, if can find anyone lopal enough to interests of the Dominion to large the law."

The Fur Resources of the Northla indari don i nforce the law.

LIGHTING ESSENTIALS

abov Efficiency in lighting promotes ir a he od work in offices, factories n her ores and wherever work is carried s; she in ity indoors. It improves the quann arise be a fruitful source of acci-

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n the neries centre ain der edueto oil t, at any

ommission of Conservation artificial light which is kept burning Full Utilization of all day, but this is a wasteful condition to be avoided wherever

possible.

Artificial light has this advantage over daylight, that it is absolutely under our control. One should not imagine that mere brightness or quantity of light constitutes good illumination. On the contrary, a glare is unpleasant and injurious to health. For large areas of work, the light should be overhead and as uniformly diffused as possible, direct glare being avoided by the use of frosted globes. For example, such lighting would be suitable for warehouses. But for some operations, the light needs rather to be focused on the work. for example, for office work, where usually all that is necessary is a desk-light which illuminates the paper without shining directly into the eyes of the writer.

An English author gives the re Prevention Committee, has following five tests for good illumi-

> must furnish the user sufficient light so that he can

2. It must be so placed that it does not cause the user's eyes to change the size of the diaphragm when ordinarily using the light;

3. It must be steady;

4. There shal not be any polished surfaces in its vicinity that will reflect an unnecessary bright spot anywhere that can be seen by the eyes of the worker;

5. It must be protected so that it does not shine in the eyes of some other worker.

of the Northland

An Exceedingly Valuable Asset among the Natural Resources of the Dominion

"Our fur-bearing resources are very extensive in what are known as the 'barren lands', but which and quality of the work are in no sense barren lands, ed out, while inefficient lightwork are in no sense barren lands, g is known to be a cause of the animal and plant life that these ye-strain and headache and thus lands sustain. In that district, be prejudicial to health. It may therefore, there are tremendous possibilities of greater fur-bearing and, indeed, meat-bearing develop-The lighting of buildings must be ment. I think it was Seton sidered from two aspects, (1) Thompson who fixed the number bed distribution of daylight admit-of carbon of that country at very term not exceeding six months at through windows and (2) many millions, and that it was to both fine and imprisonment.

Mr. J. B. Tyrrell who referred to "Provided that a person state of the day As regards daylight, the best them as being like the sands of the bethod is undoubtedly through sea, not capable of being numbered, kylights, so that all parts of the but only to be estimated numericnd the light is uniformly diffused, impossible to conceive that we are or this reason, many modern not going to do something to alleged offence was committed. e storey. Owing to high land so far as civilization and utilization are concerned, pearer to the Arctic, any alues and other considerations, are concerned, nearer to the Arctic, under this section upon the evidence of the board buildings are not always and make use of these vast domains dence one witness, unless the which, while not comparable with each work-tables, etc., with relation to properly administered, become an bewindows. The shadow of the exceedingly valuable asset among in a worker's body, head or hands the natural resources of Canada." (2) For the purposes of this bould not to be thrown upon his Hon. Arthur Meighen, at the Conswhick work. Often it may be necessary ference on Wild Life Protection of supplement the daylight by the Commission of Conservation.

Water Powers

A water conservation work of vast importance is that at present under construction at Big Eddy, on the Spanish river, Algoma district, Ont., for the International Nickel Co. The conservation dam will raise the level of the river 100 feet, and will create a lake with an area of 15 square miles. Combined with the storage in the upper third of the Spanish River watershed, it will increase the minimum flow to over 1,800 cubic feet per second. or almost three times the natural low-water flow, viz., 675 cubic feet per second. It will also create a any condition causing malnutrition

servation, states that: "When this work is complete, the waters of the Spanish river above the township of Hyman will be conserved to their full extent, and this will be one of the most complete systems of water conservation in Canada.

"Conserving water, and regulating flow on our streams, is one of the most important subjects we have before us, and merits the co-operation and assistance of the Government, as it should be a cardinal principle in power devel-opment that the full efficiency of the water in the watershed be made use of, and this cannot be done unless carefully considered systems of storage are provided, so as to equalize the flow as nearly as possible throughout all seasons of

Parliament Takes Drastic Action

(Continued from page 31)

"316A. (1) Any person who is suffering from venereal disease in a communicable form, who knowingly or by culpable negligence communicates such venereal disease to any other person shall be guilty of an offence, and shall be liable upon summary conviction to until the decay gets near to or a fine not exceeding five hundred dollars or to imprisonment for any term not exceeding six months, or

"Provided that a person shall not be convicted under this section if he proves that he had reasonable grounds to believe that he was free from venereal disease in a communicable form at the time the

Provided, also, that no person shall be convicted of any offence under this section upon the evi-

"(2) For the purposes of this keep them clean and continue section, 'venereal disease means with systematic dental supervision.

CARE OF THE TEETH

It is a peculiar physiological fact that at birth the jaw contains the already calcified crowns of the temporary teeth and also that of the first molar of the permanent This fact alone is sufficient to direct attention to the care with which the mother should diet herself during the prenatal period.

The next interesting physiological fact is that, at the age of six years, the child has a greater number of teeth than at any other age, there being then the milk set and all the permanent set except the wisdom teeth.

To ensure that both sets of teeth shall be normal and healthy it is essential that there be most careful feeding of the infant and child, for power site where 15,000 h.p. can be continuously developed.

The engineer who designed this Montreal, in reporting on the teeth quickly to become carious matter to the Commission of Con-

The health of the child requires that the temporary set should be sound, otherwise it cannot properly perform the process of mastication. The lowering of the vital functions of the child reacts on the permanent set of teeth and too often they reach the surface in a diseased condition.

It will not do to feed the baby on patent foods, cabbage, fried fish, etc., the same food that the parents eat, as it ruins the digestive apparatus and results in bad teeth. It is a fact that children's first teeth decay soon after they appear and, from growing beside the bad first teeth, the second set decay

It is therefore essential that proper attention be given to the careful and systematic cleaning of the teeth night and morning. Indeed the mother should anticipate trouble by a careful wiping of the child's mouth before the teeth appear, using either a solution of boracic acid or of salt. With the appearance of the teeth a soft brush should be used in place of the clean linen wipe.

As all decay begins on the outside of the tooth and works inwards and no pain is complained of the centre of the tooth, parents should systematically examine their children's teeth and, thus, by early dental treatment, save the live part of the teeth, remembering that treatment is necessary although there may be no toothache with the decay.

As to the decay of teeth, matter forms and, in most instances, passes into the digestive tract. This poisons the system-in adult life a similar condition occurs in pyorrhœa and, as a result, debilitating diseases follow.

We should therefor resort to preventive measures in the care of the

of adults are traceable to the teeth.