

CUTS BURNS SCALDS

All Need Zam-Buk

The real danger is that when the outside or outer skin is damaged or unsewed the sensitive flesh is exposed to the inflammatory action of the air and to the poisonous influence of germs and dirt. The first thing to AVERT COMPLICATIONS is to coat the flesh over with a thin layer of Zam-Buk, which has great antiseptic, purifying and healing powers. Burns and scalds should be treated and bandaged up very quickly. Zam-Buk speeds y lumps heal, always a 1 milium-sation and grows new healthy skin.

Zam-Buk is so reliable and so useful that it has been aptly called "A Surgery in a Two Inch Can." See box, 3 for \$1.25, 6 for \$2.50.



\$10,000,000 Cash Prizes

Some reader of the Family Herald and Weekly Star will be the lucky winner of a prize of five thousand dollars and scores of others will receive cash awards ranging in value from \$250.00 to \$50.00 in an interesting contest now being conducted by that popular weekly. We cheer that each subscriber whose subscription is received in time will be given a free entry to the contest as well as a beautiful art calendar and picture. The Family Herald and Weekly Star by itself is worth many times the subscription price of Two Dollars and with these extra inducements, the rush of orders should break all records. The publishers are warning their old readers to renew early and thus avoid confusion and thus avoid confusion... and delay. On its merits the Family Herald is a great paper greatly appreciated.

NEW LAMP BURNS 94% AIR

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A new oil lamp that gives an amazingly brilliant, soft, white light even better than gas or electricity, has been tested by the U.S. Government and 35 leading universities and found to be superior to 10 ordinary oil lamps. It burns without odor, smoke or noise—no pumping up, is simple, clean, safe. Burns 94% air and 6% common kerosene (coal oil).

The inventor, J. M. Johnson, 246 Craig St. W., Montreal, is offering to send a lamp on 10 days' FREE trial, or even to give one FREE to the first user in each locality who will help him introduce it. Write him to-day for full particulars. Also ask him to explain how you can get the agency, and without experience or money make \$250 to \$500 per month \$8-12

"THE UNION RAFT"

BY (Neil McClurg)

"May Heaven forgive me for I'm daff."

"To risk my life upon this raft. The thing is sinking fore and aft. Hi! Clarence, give way..."

You're standing on a rotten plank. Where would we go if down it sank... This very day."

"To tell the truth I don't know John. Imagination lured me on... And now I fear our jobs are gone. Tweed you and me."

The opposition was too big... When Connor framed at Winnipeg, expeditiously."

"And then you know dear John. What you yourself put in his head..."

And over all the land it's spread To our undoing... That people should not be consulted...

And O dear John it has resulted. In utter ruin..."

Ontario's a bitter pill Our union cause it's sure to kill Unless we bring our Doctor's skill To bear upon it."

But then they've so devised the truth, That e'en our skill would scarce be worth, An old wife's bonnet."

And now dear John, see yonder rock And if we strike it, mind the shock. With all the stuffing from us knock And cause dejection."

It's name? why man, ye surely ken it. It is a fearful woeful tenet, Election!"

"They've powdered at it round and round, 'E'en dynamites from it rebound. And now they think at last they've found, The Stuff to crack it."

I've belted at it all my life, with battle axe and whittle knife. But failed to hack it"

"But further on dear Chaplin brother, A mile from this one there's another, The storms of centuries failed to smother, Since the creation."

Had Paul and Augustine kept quiet Then Calvin might have let us us by it, Predestination!"

But there, our feet are getting wet They've taken in our home made net, They'll never more on dry land set, If here we tarry."

Now for the shore or down we'll go, We're drenched but "not deemed to be so."

"Amen, Clarry!" (John's reply in a later edition)

A DAY OF RECKONING

Evidence as to the alarming rate at which forest depletion is progressing on this continent continues to multiply. President Coolidge, on the authority of the United States Forest Service, stated in a recent address that five-sixths of the forests in his country had been cut down or otherwise destroyed within a period of seventy-five years, thus indicating that not more than fifteen years' supply remains. This calculation is coming very close to the estimate of thirteen years made by the writer over a year ago.

Some people may attempt to deduce that the remaining one-sixth of the United States forests, which are situated largely on the Pacific coast, will yield a greater percentage of timber per acre than the forest already destroyed owing to the greater size of the trees. It is known, however, that any advantage in this direction will be more than offset by the inaccessibility of much of the remaining timber as well as by the indifferent quality of a considerable proportion of it. Furthermore, much waste is encountered in operating in large-sized timber, actual tests demonstrating that waste runs in the heavier stands to an average of more than 20,000 board feet per acre.

In calculating the longevity of this remaining one-sixth supply consideration must also be given to the progressive increases in losses through fire, insect pests and wind, brought about by the drying up of the earth's surface as the forest cover gradually disappears, as well as to the increased needs of a growing population and of new industrial developments dependent upon wood. To allow fifteen years, therefore, for the complete wiping out of the American forests which existed 75 years ago, and which have already shrunk to one-sixth of their original extent would seem to be a very conservative estimate indeed.

When we come to Canada the situation as I have frequently pointed out is even more alarming. Taking the Province of Quebec as an example (and Quebec is better off than most of our provinces) I have repeatedly stated and have offered incontrovertible evidence to prove that the available supply of pulpwood will be exhausted within 10 years unless something radical is done to check the present rate of depletion.

Some critics are using a statement made by the "Royal Commission on Pulpwood" to attempt to refute this calculation, although the report itself in reality substantiates every contention made by me. They take the Commission's estimate of 131,000,000 cords of supposedly available pulpwood in Quebec, together with an estimate of the annual cut placed at 3,000,000 cords, and by a simple mathematical process, figure out by this method how long the supply will last. This, of course, ignores past history altogether and takes no account of depletion through fires, fungi, insects, wind, increased cutting to supply the numerous new wood-using industries which are springing up in the province faster almost than one can keep track of them. Even the Commission makes no allowance for losses sustained by blown-downs, although experienced woodsmen will agree, wind is not only one of the most serious of all the destructive agencies affecting the forests but one that is constantly becoming more aggravated.

At the present time losses from this one agency alone are more than sufficient to offset the total annual growth. The losses occasioned by fire, fungi and insects are admitted by the Commission to be of the most serious character. (In case of the forests along the lines

of the Transcontinental Railway it has been demonstrated that fire has destroyed twenty cords of wood for every one sacrificed to the axe.) The Commission itself points out the fallacy of trying to calculate the duration of supply merely dividing the estimated available wood by the annual consumption. "It is abundantly clear" says the report "that figures derived by mathematical division of annual consumption into total supplies are entirely misleading and err on the side of optimism to an extent which can in no sense be justified."

If one takes the aggregate sum of all the losses enumerated above, together with the annual cut, allows for the increase in the amount of wood to carry on the new industries, offsets the growth by loss through wind, and divides the total thus obtained into 131,000,000 cords the maximum available according to the Commission's report, the result will show an amount insufficient to last more than ten years.

Is it any wonder that the Pulpwood Commission itself comes to the conclusion that "Canada is dissipating her woods capital more than any other nation in the world; and that definite, radical and constructive steps in forest conservation are of transcending importance if Canada is to protect and further develop her forest industries."

A statement put out by the Pulpwood Dealer's Association makes a somewhat curious and devious use of the tremendous losses of pulpwood from causes other than those connected with the industrial utilization of the wood as above enumerated. The dealers argue this because these destructive agencies account for some 50% of the total annual depletion no attention need be paid to the loss sustained by the country through the unrestricted shipments of \$ million to a million and a half cords of wood to the United States every year. The truth of the matter is just the reverse. When the total loss is so great as to threaten our supply with extinction within a period of ten years, what stronger argument could be advanced in favor of preserving what we have and of making it do service for our own industries as long as possible. The fact that the wood exported is taken from our most available and valuable supply and from districts that are most easily accessible and consequently least liable to destruction by fires and other causes—constituting in fact, our only safe supply—strongly emphasizes this point. The futility of the effort to minimize the effect of permitting the unnecessary exportation of pulpwood is further demonstrated when it is understood that these exports during the past ten years constitute an annual average of more than 20% of the total cut.

I leave to others the economic argument—the difference between the value received for this wood exported in its raw state and its value if manufactured here and exported in the form of paper and the consequent benefit that would accrue to Canadian capital and Canadian labor from the latter course. My contention is that Canada is already over-denuded of forest growth and that we have reached the danger point as is evidenced more and more by the resultant climatic changes manifested in alternating periods of extreme heat and intense cold, of droughts and floods and disastrous windstorms.

The time for trifling with this, the greatest of all national questions, is passed: "Definite, radical and constructive steps are of transcending importance" as the Pulpwood Commission warns, and I propose the following reforms which are not "radical" as they

(Continued on page 3)

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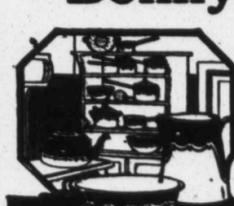
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