The thing to do is to plan before land have to offer, and sunny Italy you start not only where you are go- cannot match some of the Canadian ing, but how you are going to get shore and mountain vistas. there; that is, what you need to enjoy Do not plan your tour so that you going at all. It would naturally sug- are compelled to rush from point to gest itself to you to go over the en- point at top car speed. You will not tire car, cleaning it, inspecting for get the most out of your trip in that

look over not only the parts which to shorten it. Your tour is supposedshow and the larger things which ly for vacation, recreation, pleasure; possibly you think are the only im- you get these things when you seek portant ones, such as transmission them. and differential gear cases, but the Of course, if you are looking for a wherever there is motion.

hills, have the carbon removed. Make way? sure that the compression is all right and if necessary grind the valves. Look over the wiring to see that there is no worn insulation that will leak current, that the terminals are all tightened properly; then see that the magneto or breaker points, or coil points, are clean and properly adjusted, that the distributor is clean and that your battery is fully charged. If you have no magneto take along a set of dry cells for emergency. The

Because the springs are to make for your comfort, look them over pretty from the various airdromes. They See that none are cracked or broken. Carry a repair attachment for use in case of accident.

Be especially solicitous about the fic. The Safety First Council has The great were once as you, tires. You want on all four wheels studied the problem of sidewalk con- They whom men magnify to-day you want two extra casings with tubes organize a concerted effort to remedy inflated, ready to change, and you it. Practically all the twenty-eight Were fearful of themselves, and need extra tubes, with cement patches meropolitan boroughs have lined up to and rapid vulcanizing outfit, because put into effect the leftward rule, post- By when your trouble comes there may ing notices along the streets. Heretonot be a garage next door. Your fire fore the sidewalk rule, if any, has been They feared to try what they could do; extinguisher should be a real one and to the right, while street traffic goes to all filled and in working order. It may the left, thus causing many accidents. be worth the price of your car while you are touring.

Things You May Need.

plainly "Ignition Repairs."

'Tire Repairs."

cups, lock washers and cotter pins; thousands of years without becoming Learned that our great men are but iren wire, in small box.

wood to place jack on. Oil squirt can, filled.

Tow rope.

Extra set of electric light bulbs, most efficient means for the preven-You can buy these already boxed. Bag of clean waste or rags. Folding canvas pail.

and extra cross links. In wrapping these things they

seats, and be handy for instant use if have avoided was essential to our well three vehicles being controlled with ed the system of road-making known ready for seeding to timothy or other haps in the dark, to locate the small thing that you may want. You ought to know where they are well enough to find them in the dark, though if you carry an extension trouble light it will simplify your troubles if they come! at night.

Of other tools in addition to the regular type supplied with the car. you want one or two sizes of pliers, else so much loved and so largely unincluding a good pair of cutting pliers, derstood by children as music. I a small hammer, wrenches which will exercises a wonderful influence in fit all nuts on the car, a couple of their lives and is not only a source of small cold chisels, tire removing tools, culture but a great aid in developing engine valve removing tools, and pos- character. sibly your experience will suggest There is no doubt but that planting some other things. Your wife might the love and appreciation of good be able to fix most anything with a music in the minds of children when piece of string and a hairpin, but you they are young is almost always rewill not be able to do this on a car, sponsible for their finding entertainso you should pay attention to the ment and diversion in music in later suggestions given.

Prudence would suggest carrying Plato was right when he said: an extra gallon of oil and a gallon of "Music is the finest education that a gasoline. If you are going away from state can give its children." civilization letter have enough in re-Can we wonder, then, that the quesserve to get you to a gas station.

tion is so often asked, "Why is music It hasn't anything to do with the not taught in all our schools?" car, but it should be remembered The cultural and intellectual value that mornings and evenings, even in summer, particularly in high altitudes by acknowledged by leading educators and on stormy days, are cold. Carry in all parts of the country. Parents are sweaters, raincoats and rubbers, the perfectly justified in claiming an opportunity for their children to pursue the mud to change a tire. the study of music, especially when the matter.

Needn't Follow the Travel.

they are attending high school. It might be well to suggest that It is not until recent years that your tour be planned off the main much consideration has been given to who have had musical training insist responsible for the school curriculum highways in large part. There is real- music as a part of public school edu- that their children shall receive simi- in small towns. Where class-singing. ly very little pleasure in forming part cation. The average thought of music lar instruction. It is essential, then, for instance, has been consistently of a procession along the main high- has been as an embellishment of some that the schools through their teachers practised, its benefits are universally way, where you have to watch so care- sort, not as a necessity. But the in- should play the part of parents, and acknowledged. It promotes health; fully to avoid accidents that you miss road which music has made into the instruct every child in the fundament- is a valuable means of recreation; it the beauties all around you. Then, life of the public school during the al principles of music. Let the child- quickens the sense of hearing, making too, most of the natural beauties are past few years seems to indicate that ren have especially some singing ex- it more discriminative; it trains the not to be found on the main line. I the general public is coming to recog- perience and prepare them to have at faculty of speech as well as that of know several sections of the country nize and accept more and more the least one art subject at their command song; it awakens the musical instinct where just off the through road there vital importance which music holds in with which to make worthy use of and preserves the voice, not only in are falls and glens and mountain relation to our everyday life. The ad- their leisure time. heights and scores of beauty spots well vantage and advocacy of more music Music is really the only subject in There is a growing feeling in Cana- proof that the compelling force in con-

"BE PREPARED" FOR AUTO TOUR.

wear or broken parts and to know way. It is too much like running on that everything is really shipshape. railroad schedule. Take time enough When you have cleaned up the car to enjoy your trip even if you have

grease cups and every working part, speed record you will not heed this advice. But why not go on a racetrack If the engine knocks a little on the if you want to make a record this

> Fly to Right, Walk to Left, in Merrie England.

"Keep to the right" is the rule of the air, as laid down by the British Government in conjunction with the French and Belgian authorities, after consultations on the control of flying, says a London despatch. This action was taken to prevent disasters occurgenerator and starting motor commu- Definite highways have been mapped tators should be inspected and clean- out from here to Paris and Brussels, and the altitudes at which the planes will fly are to be fixed before starting must pass at least 100 yards apart, and must keep clear of clouds.

Since July first "Walk on the left" is the rule for London's sidewalk traf-

Wet Wood Does Not Decay.

It is a common idea that moist wood Dreaming the very dreams you hold, Here are some of the things needed is more subject to decay than dry Longing yet fearing to be bold, wood. That this is only true within Doubting that they themselves pos-Set of ignition brushes, labeled; certain limits is pointed out by the wrench for interrupter points; file for Forest Products Laboratories of Cana- The strength and skill for every test; cleaning the points; hydrometer or da (Dominion Forestry Branch) who Uncertain of the truths they knew, voltmeter for testing storage hattery; state that recent investigations indi- Not sure that they could stand to fate get of fuses if used. These should cate that wood which contains less With all the conrage of the great. be wrapped together and marked than 60 per cent, of water is not subject to decay by wood-destroying fungi. Then came a day when they Box of plungers for tube valves, Examples of the protective effect of Their first bold venture made; three-in-one valve tool; tire pressure moisture extend further back in time Scorning to cry for aid, gauge; patches, cement and vulcan- than the foundations of medieval build- They dared to stand to fight alone, izer. Wrap these together and label ings to the pre-historic piles of the Took up the gauntlet life had thrown, Swiss Lake Dwellers. The latter tim- Charged full-front to the fray, Box each of assorted nuts, grease bers have been submerged in water for Mastered their fear of self, and then speol of copper wire and one of soft unsound. The most modern application of the principle may be seen in certain large Canadian pulp mills Jack and handle and two blocks of where the immense stacks of pulpwood are sprinkled with water. This sprinkling not only prevents rotting but is a

A great career, though balked of its Fuil set of tire chains, repair tool end, is still a landmark of human

tion of fire.

In the light of eternity we shall see

It is doubtful if there is anything



-and the worst is yet to come

The Great Were Once As You.

gestion from all angles and decided to Once groped and blundered on life's

thought magic was men's greatness

Yet Fame hath crowned with her suc-The selfsame gifts that you possess.

The great were once as you,

Oh, man, go forth and do! You, too, to fame may rise: You can be strong and wise. Stand up to life and play the man-You can if you'll but think you can; The great were once as you. You envy them their proud success, Twas won with gifts that you possess.

-Edgar A. Guest.

MUSIC

Where the thrushes sang near the wandering stream-

I am born of the joy from an old refrain,

I am tenderly borne on uncounted strings-

I am born of the strange and wonderful sea-

I heard my own voice in a song, brokenly-

That wandered afar in some forgotten time,

Their rapturous chantry dwells near me again-

I am born of the breath from the soul of things-

A challenge to night-bird, the river and rill.

In sweet, sustained notes in a soul's melody,

Nor halting nor fearing to dwell close to me.

are showing a very keen interest in ments. The educational value

are taking a hand in it. The parents | commercial and pecuniary accomplish-

Almost without exception the parents appreciated as it should be by those

I am born of a thought in the beauty of rhyme-

While evening sleeps in the moonlight agleam.

As an old wonder-song from remembered days.

Apart from the wind and its rude, restless ways-

'Neath the measureless clouds, so frail and so still,

Giant Motor Truck.

To Be Kept Apart.

Sparks and gasolene. Caps and dynamite. Electric wires and metal objects. Children and matches. Electric bulbs and combs or bair

Careless people and camp-fires. Gas jets and lace curtains. Coal-oil lamps and shaky tables. Forest slash and cigarette stubs. Brush piles and careless smokers. Celluloid comb and hot hair curlers Lighted matches and forest under-

> _____ The Last Bottle.

"Here is a letter it would hardly do for us to publish," said the patent medicine quack. "A man writes: have just taken a bottle of your medi-

"Well?" said his partner. "There it breaks off short, and is signed in another handwriting. 'Per Executor.' "

> ---A Use for It.

"Do you think, Professor," said the ambitious youth, "that I shall ever able to do anything with my voice?" "Well," was the cautious reply, "it may come in handy to raise the neighborhood in case of invasion."

well known. The poorest Japanese These works are now nearly comcoolie regards his evening bath as a pleted.

-Charlotte Carson-Talcott.

music has not hitherto been as fully

DRAINAGE IN PRAIRIE PROVINCES

Large Areas of Muskeg.

Strange Electric Storm.

How Fires Start.

In for the Beating.

Cured Her.

Will Greatly Facilitate Progress of Transportation and Settlement.

farming in the province depends large- investment. ly on two factors: irrigation in the proved lands in that province is in- the outlet. Lands of this class, which "I am always aware of the man who are only fifty per cent developed, and far investigated. understand that in general drained lands are superior to lands not requiring drainage, one must be seized with the importance of this subject and further, one must realize that the future agricultural development of the province depends largely on how this matter is handled at the present time."

There is no exaggeration in this statement and, moreover, what has been said regarding the necessity for drainage development in the province of Manitoba applies with equal emphasis to the provinces of Alberta and Saskatchewan

Wet Areas Block Settlement.

In general, investigations conduct- tion, as the method of their final reed by the Dominion Reclamation Ser- clamation is still in the experimental vice have shown that there are com- stage. paratively few areas requiring drainage south of township 35, where the sloughs and lakes are usually too alkawhich presents the greatest difficulty line to be of value for agriculture of all, are the areas commonly known when drained, or are required for as "muskegs." Muskegs bundreds of stock watering, and other purposes miles in extent occupy a large portion North of this, however, precipitation of the north country and systematic is greater, alkali conditions are usual soundings along the railroad to Hudly negligible, and the wet areas so son Bay show that these muskegs conmuch more extensive that settlement in them is rendered practically impostwelve feet. Th usual depth is from sible. These areas often form a serious barrier to transportation and hold back settlement of large tracts of good silt of high agricultural value. For the Municipal councils must appoint fire

The benefits which would be de- land will of necessity be confined to Fire guardians have the power to orrived from the drainage of many of such areas as can be reclaimed by der out any male person over sixteen ground water, which is often near the the moss, an ideal condition for agri- graph operators, ets. surface of these flat lands, would be culture is obtained. lowered, thereby insuring warmer soil conditions and earlier and more abundant growth-practically a longer grow-

During the past three years the Reclamation Service has investigated many of the districts most needing drainage. It may be concluded, as a result, that there are vast areas of good agricultural land lying near to the railroads which are reclaimable at a comparatively small cost. By way best means of getting the soil into of the Forest Fire Act have been reof experiment the Reclamation Sershape for cultivation after drainage. vice has undertaken the construction of works to drain Waterhen Lake, comprising an area of about 12,000 acres, The cleanliness of the Japanese is situated near Kinistino, Saskatchewan.

sacred duty and as the greatest luxury Classes of Land Requiring Drainage easily in the tool box or under the fatal to us, and that what we would and draw two five-ton trailers, all Macadam, a Scotch engineer, invent- as soon as drained the land is usually tame grass. After two or three years

> Music in Canadian Schools of them can come to appreciate music in a way that is indispensable to a good general education and to real

One of the most frequent forms of living. This can be done by teaching involuntary incendiarism known is the them to recognize and name the com- way thoughtless individuals-generalpositions of the great masters, making ly smokers—throw away matches withit possible for children to be informed out taking the simple precaution of concerning the lives of the great com- blowing them out, and assuring themposers, and to hear a performance of selves that they are extinguished a their works by means of the phono. matter of a second or two, although graph, player-piano, or still better, by they were perfectly willing to spend the first-hand rendition of artists. This fifteen second's time in igniting the does not mean that children should be match and lighting the tobacco. This bored by listening to music which they careless practice is universally preare too undeveloped to enjoy. Let the valent throughout the country-Deyounger ones sing the beautiful congs puty Fire Marshal Lewis, Ontario.

Horace sat on the doorstep crying music of a more advanced age. bitterly By no means least of the benefits | Passers-by tried to console him, but bestowed by music is that of bodily without avail. Presently a sympathgrace. The kindergarten youngster etic old lady came along. who sways to and fro, as he sings of "What's the matter, little boy?" she the wind among the flowers, the child asked. who enjoys some sturdy folk-song and "Got my new pants covered with dance, the older girl who interprets dust!" sobbed the boy. Chopin through rythmic motion, all of "But they're clean now, dear," con-

In order that these pleaures and adthe corner-stone of the love of music

The school that is lacking in school necessary, lacks the inspiration of musical activities.

any that September and the Rhine- musical life. The teachers themselves educational activities tend towards the come real musicians, fully 95 per cent. Enthusiasm makes people do things. the air that is moving.

that have stood the test of years and as they develop they will understand and enjoy the more complex and subtle these are acquiring bodily grace and tinued the lady. health-a mind and body harmonious-"I know they are!" wailed the lad.

"Then why do you still cry, child?" "Cos mother wouldn't let me take vantages may be lifelong possessons, 'em off when she beat the dust out!" must be laid in childhood.

spirit, that studies because study is you now as she used to?" If these musical activities are not them."

Spreading Gospel of Music Through the Press:

Speaking on one occasion on the question of music publicity in the press a famous educationist said this: "If I attained my ambition, there would not be a publication which ever In the recently published report of as hay meadows, such lands are often went to press unless it carried its the Manitoba Drainage Commission ready for cultivation for ordinary farm story of music. The more discussion the following significant statement ap- crops. Reclamation of this class of there is about music, the more there pears: "The future development of land is practically always a splendid will be, the more matter printed about music, the more concerts there will be. Next are the native hay lands which Everybody is a potential patron of southwest and drainage in the east are periodically flooded or are per music, and is worthy of being developand north. The opportunities and cost manently wet. These meadows com- ed into a music lover. Education is of irrigation are such as to offer little monly result from the building of the torchlight which can be used to hope in that direction. The possibili- beaver dams and are usually admir- bring 98 per cent. of the people who ties in the other direction are almost ably adapted and capable of irrigation think they don't like music into the unlimited. When we find that one or spring flooding after drainage by fold of those who know they do. Eduseventh of the 7,000,000 acres of im- the construction of hold-up gates at cation will convert the infidel's art.

cluded in the 2,000,000 acres of land can usually be reclaimed at a com- says, 'But music I don't care for, it's within drainage districts and further, paratively small cost, comprise a large too hard for me to attempt to sit that the lands in the drainage districts portion of some of the best projects so through a recital after a hard day's work. I want some relaxation.' I am A third class of lands, the reclama- always eager to take that man aside tion of which present more difficult and argue the matter out with him. I problems, is where the water is too am always conscious of the presence deep to permit the growth of the more of women who are deaf to the possior less useful wild grasses and yet not bilities of music in their domestic hapdeep enough to prevent a dense growth piness and I want to tell them about of semi-aquatic plants. Such areas are it. Of the children growing up with commonly known as "floating bogs." the wrong kind of music in their eans, After drainage the mass of roots and of working men, of professional men, semi-decomposed vegetable matter of busines men, of medical authorities that remains on the surface of the land and of civic and other government retains water like a sponge and per- authorities."-

petuates the growth of worthless vege- Education in affairs of music must tation sometimes for years. Projects go through every channel, through the consisting largely of this class of land schools, the clubs, the open forums, should be undertaken with great cau- the newspapers and the periodicals.

Forest Fire Law Strengthened

Many important amendments were made to the Forest and Prairie Fire The class of land requiring drainage, Act of the province of Alberta at the last session of the legislature. The principal of these amendments, which will greatly lessen the difficulty of combating fires, and which are welcomed by all who have to do with the forests, are the following:

All Dominion forest and fire rangers, sist of a depth of moss of from one to Royal Canadian Mounted Police, Provincial Police and municipal counciltwo to four feet. The mineral soil un- lors are ex-officio fire guardians, with present the reclamation of muskeg guardians.

these areas would not be confined drainage and the inexpensive practice years of age to help in fighting a merely to the lands reclaimed but of burning or trampling by cattle. prairie or forest fire. There are of would extend to the surrounding areas Where the subsoil is clay and the course the usual exemptions in the that are apparently dry, since the plough can reach it after burning off case of postmasters, physicians, tele-

> Spark arresters must be used or In view of the existence of vast areas marine engines, with a view to preof muskeg land throughout the north- venting fires originating from Sparks ern parts of the provinces, and the thrown from the smokestacks of fact that settlement is pushing far be- steamboats operating on northern youd these because they are not im- lakes and rivers.

mediately tillable, it is of the greatest Provision is made for the establishimportance that investigations to de- ment of fire districts. In these timtermine the feasibility of draining bered areas it is illegal to start clearthese areas be continued and that ing fires between 15th April and 15th practical experiments be conducted on November, without a special permit.

a systematic basis to determine the The scale of penalties for violation vised and the penalties made heavier, so that there will be greater respect for the Act. On a February night, in south lati-

Tree Growing Competition.

tude 33 degrees west longitude 38 degrees, the sailing ship Ville du Havre The importance of having shelterof the day. By the time the head of Lands requiring drainage may be The rain fell in torrents and the ship impressed the Directors of the agrithe family is home from his labors his divided into four principal classes. In appeared to be electrified, the mast-cultural society of Biggar, Alberta, In goes the man first, then his wife, reclamation, the beds of lakes and Strange lights traveled over the rig- planting competition, extending over then the children in order of age. sloughs come first. The feasibility of ging and after every flash of lightning five years and open to all farmers in should be packed so that they will go that what we desired would have been built that can carry loads of ten tons garments, are ready for supper.

In one light of etermity we shall see that what we desired would have been built that can carry loads of ten tons garments, are ready for supper.

The cost of the necessary works, for newly painted, remained for several cash prizes offered for the best pre-A six wheel motor truck has been Afterwards the family, clad in clean draining these depends principally on a part of the vessel, which had been the district. Each year there will be seconds glowing with phosphorescence. pared plot and the best plantation set The lightning, which was very fre- out, and in 1926 there will be cups, quent, instead of displaying itself in medals, and cash prizes offered for the zigzag lines took the form of flying best plantations of the five years. The bombs, which exploded with outbursts society has secured the endorsation of light that illuminated the whole sky. and assistance of Mr. N. M. Ross, Before and after the more violent ex- Superintendent of the Dominion Forest plosions of thunder fierce gusts of Nursery Station at Indian Head, Saswind swept the ship. This terrifying katchewan, in planning the competiexperience lasted for five hours with tion and it would appear that this is the beginning of a forward movement in tree planting on a large scale in those parts of the prairies that have not yet taken it up.

Red and Green Avert Sunstroke.

The fact that a combination of red and green materials was used in the uniforms of the Tommies during the war to nullify the effect of the rays of the sun was brought out in a claim before the Royal Commission of Awards when J. N. Thomson applied for an award on behalf of his deceased father, says a London despatch.

It was stated that a weave of these two colors sewn into the soldier's pine pad, which was four inches wide and fixed into the tunic, proved highly effective in Mesopotamia, where 7.000 men were thus equipped. The same combination was used as a sun curtain hung from the helmet, protecting the back of the neck, and is generally employed now in the army to revent sunstroke. Thomson claimed that not a single case of sunstroke was known where the protective material was ---

Madagascar Gold.

The island of Madagascar, according to reports, promises to assume some "Does Alice bring her troubles to the eastern slope of the island are "No; not since I began pointing out very rich. Nuggets and dust are that she was to blame for having found in the streams' beds, but the heights and scores of beauty spots well vantage and advocacy of more music worth the visit. All over the counstant in the community's distinctly of cultural value. All other even with a good course in music, be-quality known as enthusiasm.

Music is really the only subject in the curriculum of the schools that is da that while few school children can, trol of these schools is minus that generating electricity has a large number of vertical vanes, which catch all workmen have been very crude, and only native ber of vertical vanes, which catch all workmen have proved capable of withstanding the climate

for" Great roaming ærn Can wiseus grazin herds tounting Americ the may believe animai dream for the For n

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mise th future grazing but tha several earth. falo an the yak breeds. the best The s perimer province mous fe its kind state the or raths

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bison pa wright. Canadia is inclos fence 75 requiring 1,700 mi

\$50 to \$100 to place the are equal to

paratively pr

has never li

beef. Fiftee cattado. Recently

readily with on also with the by ranger, equabuffalo. It is di bair and horself will stand the is remarkably i meat is of finer

UNTARIO ARCHIVES TORONTO