the bars summer

and getting lost.

When the members of the outing the case when the whole family goes hotel, inn or farmhouse. along or the neighbors are invited, the Traveling by auto is one of the of the family, as the whole family is the country, where the ozone is at its likely to be included up to the capacity best. The danger of catching any of the car. For one more adds little, contagious disease is practically enif anything, to the expense for gaso- tirely eliminated. line and oil. And there is always If a driver knows his business of room for one more in any car! This driving and will use ordinary judg-

possible to get to the desired destina- in spite of the reckless drivers that staying one month has doubled within tion with dispatch and comfort. When are loose on the face of the earth, a the past few years. In many cases which foretell changes in the weather, the party is ready the driver steps careful owner is not at all likely to the upkeep of such highways as Towhile not a few of them enable us to nes, which has the same meaning; and for Matilda, often shortened to Maud, which is a by-product of the wood-pulp the gas and they are off at as snappy accident.

it to their complete satisfaction, then piness of the rest of the company. | precedented volume of motor traffic. start on at any time. If there are side Travel by auto makes for sociabil- The Result of Good Highways. trips off the main line of the journey ity. In no way can a group of people The importance every section of the the African marigold has not opened that they wish to inspect, a turn of become better acquainted and get Canadian people attach to the posses- its petals, prepare for rain during the the wheels of the car sends them off more pure fun out of life than by be- sion of good roads was evidenced at in the desired direction. If there are ing associated together on a vacation the last good roads convention held fishermen in the party, they can stop via motor. at this stream and fish for awhile, and, | An outing by auto does not neces- lantic to Pacific cabinet ministers, failing to lure the fish from its waters, sarily mean a touring car or sedan. members of parliament, provincial and grass, the feverfew, and the winterthey can ride on to that lake, where A common sight along the country civic engineers and prominent busitheir luck may be better. If one tires roads on a holiday is a huge truck ness men from all sections of the Do-

PROBLEM OF GOOD

TREMENDOUS AREA

WITH SCATTERED

POPULATION.

Miles of Main Roads-High-

way From Coast to Coast.

of roads in Canada constitutes a prob-

lem that is particularly difficult. Cana-

da is a land of tremendous area and

adequately link up the settled areas of

the country a network of roads is re-

quired which would be sufficient to

render the same efficient service to a

people many times as numerous. Up-

on a family of four persons in Canada

rests the enormous responsibility of

building and maintaining one mile of

roadway and upon five average fami-

Again, the peculiarity of Canadian

conditions creates the necessity for

the maintenance of so many types of

The Penetration of New Areas.

roads of some kind.

of a mile of main market highway.

small and scattered population.

Advantages of Motor Fouring. | in the car and cooked by the roadside It is taken for granted that the or in some cozy grove. In many places person who expects to enjoy an outing there are public camping sites with via his motor car will put his machine stone fireplaces already built for the in good working order before setting convenience of automobilists. Or food out. It is taken for granted that he can be procured along the route for will put water in the radiator, gaso- picnic lunches. Or desirable hotels line in the tank and oil in the engine, and restaurants can be found in the

The matter of sleeping is quite as The trip begins right from the easily handled. There are many conkitchen. Only such baggage need be trivances which can be carried along taken as will be required, and this will so that the motorist can find comfortordinarily not be much. And it can be able repose at night. Tents can be loaded right into the car, saving all erected and patent cot beds unfolded, the worry of checking, transferring or some can sleep in the car or roll up in blankets and find out how the Indians used to do it years ago. If more event are three to five, as is apt to be possible to find sweet dreams in some

expense is apt to be less per mile per healthiest forms of recreation. There person. This tends to increase the is always plenty of good clean air. A enjoyment in proportion to the size motor trip usually takes one out into

matter of economy is of tremendous ment in manipulating his machine, the importance and by use of the motor danger from accident is no greater car makes delightful outings possible than might be encountered on board to many who otherwise could not af- a ship or train. Certainly they are not as great as travel by airplane! In from one day to six months, and it is Flowers That Tell the Time. Traveling by automobile makes it spite of the startling casualties and stated that the number of visitors

a rate of speed as the law and good The owner of an automobile usually tourist traffic upon them, and the comjudgment in driving allow. There are gets a certain satisfaction and enjoy- pletion this year of the roadway of chickweed expand fully, no rain need no time tables to consult, no connec- ment out of driving himself the ve- the Grand Circle Motor Tour, running tions to miss, just splendid roads to hicle in which he is traveling. He has from California in the south to Alberta cruise along, comfortable seats to sit a sense of being in control of his in the north, linking ten national on and good clear air to breathe. destiny which adds to his pleasure, parks, and constituting the finest The travelers can stop at any point and if the others who are along have scenic motor tour on the continent, is of interest along the route and enjoy confidence in his ability, to the hap- expected to bring the Dominion an un-

downhearted? So whether it's by for the exchange of views and experi- by moist air or rain. The eating problem is simplified truck or limousine, for all-round en- ences. It marked the half-way house when traveling by auto. If real good joyment no other travel vehicle has in the progress effected since the pass-variety of flowers that close and open

further encourage motor tourist traf- prospect. To date 204 agreements for fic, which is rapidly increasing every Federal aid have been authorized for year and has become a not insignifi- 5,125 miles of provincial road at an escant asset in Dominion revenue. Each timated cost of \$29,461,515. The to year the increase in the settlement tal amount of provincial expenditures and cultivation of farm lands makes audited with respect to this work necessary the penetration of new \$15,974,591, and the total amounts of colonization areas, which can only be payments made with respect thereto is later. effected by the construction of roads \$5,179,275. The total mileage of comwhich will permit new settlers to get pleted Federal aid work to the time into them with the least degree of was 1,400 miles and the mileage under

trouble and inconvenience. Canada is rapidly gaining a reputa-At the Present Time 18,000 tion abroad for good roads, consequent upon a Dominion-wide policy of co-ordinated effort, due to the foresight of Dominion and provincial governments and their co-operation in construction The difference between national pro- and maintenance. The Canada Highgress and retrogression may be pithily ways Act of 1919 was a recognition of summed up in facilities of travel and the important part played in the de transportation, and the maintenance of velopment of national prosperity by good roads is a matter which demands good roads and elicited the co-operathe unswerving attention of a modern tion of all sections of the Dominion in country in no matter what direction it maintaining a high standard. The is making a bid for world prominence. bill made the sum of \$20,000,000 avail-National prosperity lies in a network able during the following five years, of comfortable, easily travelled roads, to be divided among the provinces on and a country ranks among progres- the basis of population, with the exsive nations according to its conveni- penditure of proportionate amounts by ences in accessibility and marketing. these provinces to a total of \$30,000. population of the world. The construction and maintenance oco.

18,000 Miles of Main Roads.

Quebecs highways prior to 1912 had flies. cost \$40,000,000 in the work done upon | them, and since that time \$30,000,000 lies the construction and maintenance has been expended. This year the province will spend \$7,500,000 upon provincial roads, by far the largest amount spent in years, due to the inclusion in the program of amounts for colonization roads into newly openedareas in Northern Quebec.

roads to accommodate the various methods of travel. Whilst the older At the present time there are 18,000 settled cities and tawns and the areas miles of main roads in the various about them are most modern in every respect and their lines of communication branching off from them to serve tion as up to date as engineering can the rural areas. In addition to the effect, there are many areas that have maintenance of these, new roads are but recently emerged from the pionbeing constructed each year. These eering stages, and still other districts serve to join up the provincial centres. that are only being opened up to coland it is now the aim of the various onization and that must be served by governments to join up the provincial systems and provide a main highway across Canada from coast to coast, an The prime consideration in road- undertaking not difficult of accomp-Building in Canada is possibly to en- lishment and the accomplishment of

able the farmer to reach the markets which may be soon expected. with his product as conveniently and | Excellent motor roads join up all sconomically as possible, and this has the principal civic centres and the drst consideration in the drawing up avenues to the international boundary of kational programs. A second re- are maintained at a fine standard. entrement is to maintain good means Last year half a million motor tourists of communication between the larger visited Canada from the United States continue and to adequately serve and alone, staying for various periods and the worst is yet to come



Montreal-Quebec is paid for by the ing accuracy.

in Victoria, B.C., which drew from At- upon the approach of wet weather. formed a point of retrospect as well as gularity. construction 2,397 miles.

----Continent Made by Insects.

Out in the Indian Ocean lies one of world. More than fourteen thousand about nine o'clock at night. islands go to make it up. Most of them are quite tiny and few rise more

These are the Maldive Islands, since the waters around them are terribly dangerous for shipping. Every one of them has been built up by tiny coral insects. The smallest island contains a coral population many times bigger than the entire human

The process of island-building is still going on; for every one that is to be seen above the surface there are a That the provinces are not limiting dozen others which, though continualtheir expenditures to those amounts ly growing upwards, have not yet benecessary to obtain the Federal grants come visible. In the course of cenis very apparent. In the five-year turies the sea will deposit sand and period after the passing of the Act, it mud amongst the thickly-studded coral was estimated that Ontario would pillars, and so eventually a new conspend \$60,000,000 on its highways, and tinent will be born, a continent built this sum will undoubtedly be reached. up by little beings no bigger than

be anticipated for four hours or more. But should its small flowers be half concealed, it is advisable to prepare

When the flowers of the Siberian

Of red and the color of daffedils, day. The scarlet pimpernel and the convolvulus always fold their leaves

of riding, it is easy to stop the car loaded with a whole neighborhood of minion, as well as attracting represo that the occupants can get out for folks off on a picnic. Are they ever sentatives of many states of the Union tect the fertilizing dust from injury

feed is desired it can be taken along been found superior to the automobile. ing of the Canada Highways Act and at certain hours with remarkable re-The flowers of the goat's beard open

every morning at dawn and close regularly about noon. In the Malay States there is a four

o'clock plant which opens its flowers at four o'clock in the afternoon and closes them exactly twelve hours

The flower of the common dandelion possesses a peculiar means of shelter. White Star line Majestic of 56,000 ing itself from the power of the sun. tons. It closes its petals entirely when the She carries enough linen to stretch heat becomes excessive. It has been for 162 miles. There are 77,000 serobserved to open in summer at half- viettes, 3,000 beds, 2,700 pillows, 13,past five in the morning, and to col- 000 pillow-cases. 11,000 s. sets, 1,500 the strangest archipelagoes in the lect its petals towards the centre at bolsters, and thousands of other items.

Why Handkerchiefs Are Square. A handkerchief means literally a

kerchief for the hand, the kerchief itwhich few people have ever seen, self being a small sort of a shawl. Handkerchiefs originated in Italy, whence they gradually spread over

> All shapes and sizes were used, till one day in the last era of the glories of the old French Court Queen Marie Antoinette remarked how much neater it would be if only square-shaped handkerchiefs were made.

So, on the 2nd of January, 1785, Royal decree went throughout France that "the length of handkerchiefs shall equal their breadth."

And everybody still obeys that decree without knowing it! In London there are thirty places of worship where the services are con-

## Can You Find Your Name Here?

Few people nowadays know the rather a curious history. The word meanings of their Christian names, denotes a precious stone of blue color and they are chosen as a rule because and in its proper form, Hyacinth, it they sound nice. was used as a man's name.

If, for example, we name a boy Most of the Hebrew men's names that 'luxury fuel' without delay." George, we may have no intention of have pleasant meanings. John, for So says George Otis Smith, director making him a farmer; yet farmer is instance, stands for the Lord's grace, of the United States Geological Jurwhat the name means. Nor would we whilst David is the beloved. Jacob, vey. But how is an artifcial archracare for Priscilla to live up to her however, from which comes our cite to be made? name, which means the little old-fas- James, means the supplanter, and it is hioned woman, or for Leah to suffer curious that in our history a would-be is the waste of the anthracite minesalways from the weariness that the supplanter should have borne it in the coal in particles so fine as to have no old Hebrew word denotes!

Our Christian names come to us a bid for the Throne in 1715. mainly from the Hebrew and Greek of the Bible, from Latin, from French, and from the tongues of the East, as well as from Scandinavian and Old garded as vastly inferior to men. Mary of it have been washed down from the English.

hion nowadays, for there are fashions in names just as there are in clothes. Rufus-the ruddy-faced one-is occasionally met with, but Caesar, the

same source are Margaret, Marguerite, ruler. and Marjorie-all three words are Ethel should be noble, Freda peace- briquettes is the use of a suitable Irene, signifying peace. Jacynth has means the maiden strong in battle.

The Weaver of Rugs.

And now the dream's come true.

He's spread a carpet over the hills;

Of rose and orange and green

Holds close its shimmering pile,

And this is the Weaver's smile.

And brooded the summer through,

And now His dream's come true!

World's Largest Ship.

The blankets alone weigh seventeen

More than 100,000 pieces of china

months to accomplish the feat

home from school.

part of the Majestic's equipment,

Easy to Answer.

Billy was in tears when he came

"Teacher whipped me because I was

"Why, I'll see her about that! What

the only one who could answer a ques-

tion she asked the class," he sobbed.

His mother was indignant.

His eyes lighted reminiscently.

was the question, Billy?"

glue in her ink-bottle!"

Over the forest, field and stream,

The pattern vague, but beyond com-

And a patch of blue reflecting

The color of autumn skies;

Soft is its silken sheen

cate that their lot was no easy one in mulated all over the anthracite regions those early days when they were re- of Pennsylvania. Immense quantities or Muriel (they are the same name- coal washers into low places, forming signifies bitterness, and Deborah is extensive beds fifteen or twenty feet Latin names are rather out of fas- the bee or the worker. In Anne, Anna, deep. or Hannah, however, there is a more It is perfectly good coal. All that is lonian, not Hebrew words. They mean furnace or the family stove. boxes, is rare. We do, however, find simply man and breath. Isabel is a Every year about 45,000,000 tons of Augustus (the majestic) and Paul (the Philistine word and the same as Jeze- steam-size anthracite—tiny bits from

as a lion; Richard must be strong, supply. Besides Farmer George, Greek has | too, but he must rule as well.

given us Philip, the lover of horses, Ralph, originally Raduli or Rudolf, anthracite region are manufacturing Alexander, the helper of men, Timothy is the red wolf. William means the briquettes from this material. The the god-fearing, and Andrew, the man- helmet of resolve. Edward is the noble thing ought to be done on a great Feminine appellations from the guardian, Frederick is the peaceful scale.

really the same-meaning pearl; Dor- ful, and Leonora lion-hearted. Hilda "binder" to glue the tiny bits together. othy, the feminine form of Theodore; is the warior-maiden, and if you add Corn flour or other starch may be em-

Success Nuggets.

The Weaver of Rugs has dreamed a And brooded the summer through; part of it you take. With tender love he's plotted his

stew-not, the fret not, that wins out. | ders it so desirable. Don't dally with your purpose. Not This being the case, why should not

with everything finished. As a rule, what the heart longs for view.

the head and the hands may obtain.

The Weaver of Rugs has dreamed it "Life is the Interval between one or other stuff used for a binder. breath and another-he who only half There were originally in the ground breathes only half lives, but he who in the United States about 22,000,000, uses Nature's rhythm in breathing has | 600 tons of anthracite. That was the The Weaver of Rugs has dreamed a

One of the first lessons in life is to | 000 tons of this smokeless luxury fuel learn how to get victory out of defeat. underground. The demand for it is Give a man the alphabet and an iron larger every year, owing to increasing will, and who shall place bounds to his population and the waning supply of

The world's largest ship is the religion as "the life of God in the souls purposes in place of coal.

People who are every now and then the same stuff that spoiled the old.

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A Resignation. The clumsy girl, who had been act- inous coal is very different, says an ig as waitress for the Jenkins family, American writer. At the start there had broken dish after dish, and at last were about 3,100,000,000,000 tons of it estimated that if the crockery was

piled up it would form a column 1,200 feet high. If the washing and drying were done by hand, it would take five glass, Mary, I shall be obliged to dis- each one mile long, one mile wide and Ten thousand knives and forks and 50,000 pieces of electro-plate form

ford to keep you." came the sound of a fearful crash from | 995 of them left.

the butler's pantry. stillness, and then Mary appeared, re- cite, the price of it is bound to go up

mum," she said, calmly, "and I'm off!" they will not be able to get it, for it

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Best of References.

When the language of business is applied to the practices of politics, as in this case, the effect may be instruc- bituminous coal. "She wanted to know who put the tive as well as tartling.

Two darkeys came up to the outskirts if a crowd where a politician was making a campaign speech. After listening to the speech for about ten minutes, one of them turned to his companion and asked, "Who is dat appetite talked eloquently on things man, Sam?"

"I don't know what his name is." said Sam, "but he certainly do recom men' hisself mos' highly."

A Grievance. Tomy had been punished. "Mamma," he sobbed, "did your mamma whip you when you were lit- offer you some more ham?" "Yes, when I was naughty."

"And did her mamma whip her when she was little?" "Yes, Tommy." was little?"

"Yes, Tommy." "Well," asked the child, "who started it, anyway?"

England's oldest road, which must ther comment but prepared to go. have been made at least 2,000 years "Well, youse a doctor, sin't you " Canterbury.

An Artificial Anthracite

"We must have an artificial anthracite; we must provide a substitute for

Out of "sludge," for one thing. It person of the old Pretender who made market value. Production of it amounts to about 5,000,000 tons per Many of the women's names indi- annum. Mountains of it have accu-

cheerful note, for all these words needed is to make it into briquettes mean grace. Adam and Eve are Baby- suitable for burning in the household

Woman's debt to Rome is a larger Then we come to the real old Eng- of an inch in size-are sold and used one. She has borrowed Stella (star), lish names. Henry should never be for steam coal. The price it brings is Dulcie (sweet). Vera (truthful), as henpecked, for his name means ruler less than the cost of getting it out of well as the names of months such as of the home. But what is he to do if the ground. But if made into briquet-April and May, of goddesses like Diana his wife is called Harriet or Henriet tes for domesic consumption it would and Juno, and a whole garden full of ta, both of which have the same sig- be worth much more money and would flowers such as Rose, Lily, and many niflcance? Leonard must be as strong importantly help out the anthracite

Already four or five plants in the

the asphaltic residue of petroleum re-

All the Pennsylvania anthracite was Succes is not sold on the install- originally bituminous coal. Heat conment plan. You must pay for what verted it into its present form, driving nearly all the volatile elements out of It is the fear-not, the worry-not, the it. Hence the smokelessness that ren-

many things indifferently, but one bituminous coal be transformed by thing supremely is the demand of the laboratory methods into an artificial anthracite, It ought, indeed, to be God has mixed a feeling of content practicable, and many experiments have been made with that object in

Briquettes have been made of bitum-Josh Billings said: "When you inous coal, but no process has yet been strike ile, quit boring. Some keep on developed that is satisfactory and until it all runs out on the other side." cheap. The artificial lumps have a A great many people fall because tendency to resolve themselves into the they're so dead sure they are going to. original coal dust when exposed to It would be a shame to disappoint the high temperatures of the furnace or stove, owing to melting of the tar

control over every function of his be- total existing quantity, and one-fourth of it has been dug up and burned. Ac-Every man is the son of his own cording to George Otis Smith, there now remain approximately 16,560,000,natural gas, which has hitherto been It was Phillips Brooks who defined used in great quantities for domestic

The 16,509,000,000 tons of anthracite cube 6,910 feet long, 691 feet wide and mussing, and blotting the new with 6910 feet high. In other words, the cube would be somewhat more than one and a quarter miles on an edge

The situation as regards our bitumthe mistress of the house spoke to her underground enough to make a cube ten miles on an edge. Such a cube "If you break any more china or would represent 1,000 cubical blocks miss you," she said, "for I cannot af- one mile high, 'We have taken out of the ground up to date only the equiva-That very night at dinner there lent of five blocks, so that we have

The figures here given relate to coal There was a moment of deathly available for mining. As for anthrumoving her apron as she emerged from steadily, and fifty years from now it will be a luxury obtainable only by the "The plates and all is in binders, rich. A century and a half hence even will be all gone. We must, then, as Mr. Smith re-

marks, have an artificial anthracite. we must learn how to make it from

Tempting the Pla.

They were at supper. During the meal the young man with the hearty in general.

"Do you know, Miss Blank," he remarked, "I think there is a very intimate relation between our food and our character? I believe, don't you know, that we grow like what we are most fond of."

The fair girl smiled sweetly. "How interesting," she murmured. "May I

Up to the Doctor. Mrs. Potts' husband had been quite fil, but finally there came a change, "And was she whipped when she When the doctor called and had a look at his patient he announced:

"He is convalescen ." Whereupon Mrs, Potts regarded the physician suspiciously; and her suspicion increased when he made no fur-

ago, runs between Winchester and she demanded. "Ain't yo' got no med'cine fo' die : convalescence?"

AN IMPORTANT PASSENGER WAITING AT THAT ISOLATED STATION.

ducted in the Welsh language.

