of herring are

gillmets and Mr. while the Sundy south-Emgogs fish-STREETS OF

prevails in Couver Ist. e sa heavy ently totals a arnd it is Ase the end half of the to retrieve norring to ed in boxes

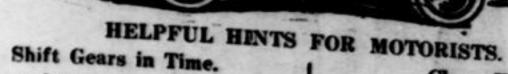
Mortin Sea, bot re never found

insumption.

authority and responsibility, each over discoveries and developments. his own job .- Success.

A Sermon In Little. There are days when you are tempt- Manitoh was agricultural and farmed to throw up your job, dans maintained its precedence over you are sick at hears when you see all other industries in white of their others doing con wonderfu! things in sudden rise and rapid growth. The directions, and you are sorely agriculture! rettlement being largely tempted to join them. Set such temp- accomplished previous to the openitations aside. Just say to yourself: of the last decade, it could hardly "This is my job at present, this is my expected to exhibit more than the duly-my work. I can't leave it. I ferdinary normal development of a setshall do my level best to-day, and who tied aren. knows what to-morrow will bring? Il Yet a substantial increase in acreshall fill my task of to-day as fully age and production has taken place

and as completely as possible."



When Engine Goes Dead,

the commonest causes of trouble.

Preventing Overheating.

Slow Down on Turns.

Keep Feet Off Clutch.

Battery Tips.

Never use a battery in a leaking!

Keep distilled water in battery so

Week-End.

Betray my friend's determined quest

shout the house in studied careless-

Clean-painted arbors glare through

And clematis around the porch rail

My own hillside is wild and overgrown;

A targled path twists to the stack

And beauty is not bound upon a throne,

But to the vagabond that free hearts

This perfect order subtly lets me know

The Earth's Satellite.

always exactly opposite to the place of

the sun. It is called the "gegen-

schein," and is one of the most inex-

It is supposed to be composed of a

cloud of meteors, situated about 1,000

000 miles from the earth and revolving

around it in a period of just one year

so that the sun and the meteors are

always on opposite sides of the earth.

same as that of the planet Jupiter, viz.

Ruts and How to Get Into

Them.

business he cannot harm anybody but 613,008 in 1921, a growth for the de-

himself and those dependent on him cade equivalent to 341/2 per cent. The

if he allows himself to get into a rut. trend of progress in any area may

But when an executive reaches this generally be seen in the manner peo-

condition he will disrupt an entire or ple flock to it and this one concrete

ganization. One sure way for the head instance of growth may be taken as

of an organization to get into a rut is indicative of the monster strides Mani-

to become jealous and distrustful of toba has been taking in every phase

his associates and subordinates. If he of her provincial activity. No pro-

cannot trust them, he ought to fire per estimate can be placed on her na

ought to give them absolute con; are extensive and diversified they are

fidence. He ought to give them continually being added to by fresh

If they are trustworthy he tural wealth for though those known

First Development Agricural.

in this period. Wheat in 1910 oc-

The first permanent development of

about 86,000 miles in diameter.

It was Pickering who suggested this

ic satellite" attending the earth.

I must be circumspect a day or so.

any part carries away.

Economize on lights.

hydrometer syringe.

everheated in service.

for beauty;

climbing vines.

In disciplined, obedient duress.

twines

above:

When going up a hill a driver The wise owner will each year clean should not wait until the engine al- the exhaust system thoroughly. This most stalls before shifting to a lower cleaning should include the exhaust gear. If the car will not make the manifold, pipe and muffler. The latter hill easily on high gear, change to should be taken apart and the parts second speed before the engine labors soaked in kerosene over night. The and knocks. By so doing considerable pipe and manifold may be cleaned by engine bearing trouble will be avoided. drawing through a pack of kerosenesoaked waste attached to a long wire.

### Safety Suggestions.

If the engine suddenly goes dead on the road there are two things to do first. One is to look in the gas tank man's steering wheel. 1. Put yourself behind the other

and see if it is empty and then if it | 2. Don't laugh at timid passengers. is not lock around for a broken igni- They're your guests. Make them comtion circuit. These two factors are fortable.

3. Don't expect children to look out for themselves. The fact that it was When it is necessary to employ the less terrible. the child's "fault" doesn't make death low gear for a considerable period it

is possible to obviate the overheating on the right-of-way, let him have it. 4. When a man in the wrong insists that would ordinarily result by keep- You can't argue with a fool. 5. Get the hand-signal habit.

protects you as well as others. 6. When a man behind wants to It is on turns that the greatest pass, slow down and draw over. It's strain is on the steering gear. When safer to have him speeding ahead of aking them, especially sharp ones, you than alongside you.

it is well to have the car slowed down 7. Don't dash by street cars as they so it will be under instant control if are about to stop. 8. Don't try to pass the car ahead when another car is approaching from the opposite direction.

It is well to keep your feet off the 9. Slow down and keep on the right clutch when not using it. Pressure on as you come to the crest of a hill. it will cause it to become loose and 10. Don't dispute the crossing with the rage. Many of the monarchs of India, which unites Oriental luxury a railroad train. What's the hurry? 11. Think of the other road users

12. Remember that the pedestrian pattern and elaborate design which, in mirrors decorate the cabin, the floor is friend, that if you do not feel yourself at the crossing has a right to cross. Test the gravity of all cells with a 13. Don't drive jerkily. It keeps

the man behind you worried. Never allow the battery to become solution is about half an inch above Road you can safely fall back on the

Next walks and lawns and wirebound By night and day I weave for thee A golden-gleaming net of prayer,

The shining mesh thou mayst not see, pilot it herself.

The province of Manitoba occupies | cupied 2,760,371 acres and produced |

a peculiar status in the Dominion of 34,125,949 bushels; in 1921 39,053,-

Canada. Generally included in that 980 bushels were produced from 2,-

extent as Saskatchewan and Alberta. tities of standing timber have been and Manitoba fish are now to be en-

Wild Iris.

wandered down an azure afternoon

the far hill ways

When skies were cloudless, though

Were tung as with an amethystine

Warm were the winds, the whole world

And earth, no longer barren, joyed

Her verdant arms aloft as though in

By flowers up-springing from the

I looked into the blue eyes of my

-Elizabeth Sectlard.

Seeking the Infinite giver of the boot.

To all the golden melodies of June,

brought it fame, making the name of Whilst there is very little utilization the American continent.

A wonderful machine has been built | branch of aviation. The Rapid Growth of Manitoba

Prairie With But Few Timbered Areas-Mineral Belt of Northern Section is

Attracting Widespread Interest. Great Industrial Development—Resources Merely

Preliminary—Domestication of Fur-Bearing Animals.

and the worst is yet to come

## Flying Kings and Queens.

Royal aeroplanes are fast becoming | for the Thakur of Morvi, in Western ing machines to enable them to fulfil ern science. when you have to splash through mud important engagements, but are ac- Never before has an aeroplane been

accepted from the Aircraft Disposal The Maharajah of Bharatpur, who is to some other man.-O. S. Marden. Company a two-seater Bristol aero- a noted sportsman, has taken up the plane for her own use, and intends to new sport, and is devoting himself to

Europe and the East not only use fly- with the latest achievements of West-

quiring private machines of special so luxuriously furnished. Pictures and covered with the unrivalled carpets of growing in your work and your life ed up by the advance of science. cause, if lean, it could not be advance of science. navigate comfortably therein. The King of Spain set the fashion the East, and the windows are draped broadening and deepening, if your task There was a time when the fact that French machine for his personal use. modern and improved version of the have not found your place. If your

their children in England during the Government in its plans. One hundred that you have not found your niche. aeroplanes were sent out recently for Unless you go to you" task with great-The Queen of the Belgians has just distribution among the various States. er delight than you leave it, it belongs

Extensive Inland Water.

Sonnet.

I have grown sick with pity: I would

Out on the open bills, and breathe.

One with the beechen shadows,

I would have nothing heavier to hold

And grasses, weighted down with sum-

And the long allence of the after

Mine, too, grows faint; it can no

Wide fields, and laugh, and hear the

Than a young cricket's fragile drow- of which peltry to the value of ap-

changes hands.

some slow

mer gold.

longer bring

Gently before me, my fond fancy There are so many hearts that break

Wild iris! graceful, fragile as a dream; Any warm pain to meet another's need,

And gazing on its siender spires I Or any sorrow for their suffering.

Manitoba contains an area of 19,894

# How the World Makes Love

During the hearing of a recent at eight o'clock. This is the signal breach of promise case the judge that she is ready to receive eligible raised the question as to whether all bachelors, preferably several at a courtships were not very much alike. time. From eight until twelve o'clock

Now, although it cannot be denied is looked upon as the definite courting that all courtships are a means to the time, during which hours mother may same end, it cannot be maintained only hover discreetly in the backthat the means are always the same. ground. Indeed, no two couples are alike any In some parts of Japan, as soon as more than there are two people ex- a young man has set eyes upon his actly alike. ideal, he opens proceedings by fasten-

The courtship of the impetuous ing a branch of a certain shrub against lover, who carries all before him in the door of her parents' house. Should the ardor of his wooing, can scarcely the young woman not wish to encourbe said to resemble that of the suitor age his advances the branch is alwho looks again and again before he lowed to wither; but if she decides to leaps, and sometimes locks so long accept him as her future husband she that he leaps only to find that another blackens her teeth as a sign that he has taken the plunge ahead of him and may begin negotiations with her fathcarried off the prize.

Nor is there much in common between the courtship that is all adjectives and kisses and the up-to-date courtship of "pals" who discard the ordinary modes of love-making as "silly."

Again, what resemblanse is there between the courtship of many words and one which is a "song without respect. The youths and maidens words," like that of Barkis, the car- there fare badly indeed, for they are rier, which consisted of the words, not even allowed to see each other be-"Barkis is willing," repeated occasion- fore the wedding. Now and again a

in which courtships are conducted upon his mother, but even this needs to necessarily make for variety. In one be done with a considerable amount section of the community they are fre- of caution. quently carried on at the back door. The Eskimos are notorious for the puts on much fat, which lowers its This, although it has its drawbacks, arbitrary manner in which their courtobviously possesses advantages over ships are conducted. After having dea courtship conducted from a second- cided upon a girl whose appearance

able age places a lamp in the window home

Have You Found Your Niche? last autumn, when he acquired a with rich curtains. It sounds like a is not a perpetual tonic to you, you a heap of coal can take fire of its own with other sea fishes that run ap 14. When your brakes aren't working the time to get them find in NOW. The King and Queen of the Belgians flying carpet in the "Arabian Nights."

Ways longing for the lunch hour or the ing the time to get them fixed is NOW. The King and Queen of the Beigians flying carpet in the Arabian Rights.

The Lindian Government is interested ways longing for the lunch hour or the classing hour to release you from the 15. If you forget the Rules of the aviators, and they used to fly back in the development of aviation, and has closing hour to release you from the wards and forwards constantly to visit obtained the assistance of the British | work that bores you, you may be sure

Five-year-old—"I just don't know, coals liable to spontaneous ignition oxygen supply of the figh. mamma, 'less it's 'cause my feet feel when collected in immense heaps pos-

sessed such slight traces of pyrites that their presence could not be regarded as the cause of the ignition.

which occasionally break out in the but chemists have tried in vain to imiholds of ships laden with coal and in tate it. where preliminary prospecting and de- the vast heaps contained in coal yards. vast territory known broadly as "the 226,376 acres. There were 416,016 square miles in inland lakes, three being of gigantic size, Lake Winniveloping have disclosed illimitable pos-

As originally created into a province, 544,675 bushels. The 1910 crop of winter and summer fishing is carried eral industry has however been excarbon and the hydrogen, and this receied from cocoons. it comprised an area of only 13,500 potatoes was 2,865,839 bushels; in 1921 on and though it is only within the hibited in the past twenty years and chemical action produces heat. The By increasing the size of the aper-Please objects known to astronomers. Square miles. This has been increase it was 0,808,212 busness.

It was Please who suggested this ed by adding territory to the north Manitoba is a prairie province there has been made to engage in this purworth \$216,830, it was valued at \$2,
This has been increase it was 0,808,212 busness.

Manitoba is a prairie province there has been made to engage in this purworth \$216,830, it was valued at \$2,
This has been increase it was 0,808,212 busness.

Manitoba is a prairie province there has been made to engage in this purworth \$216,830, it was valued at \$2,
This has been increase it was 0,808,212 busness. unril it now occupies 253,720 square being but few timbered areas and the suit on a commercial basis, a most 928,316 in 1910, and at \$8,900,207 in which this action is going on is heaped duced for upholstery, hats, etc.

> ducts and of recent years the province ous uses for the product of the reser- 1920 the annual catch aggregated a been most startling. Increasing in- larger surface area exposed to the air, and for wrapping candies. has made strides in mining, industry ves. There is however a small com- value of \$1,249,607. Merely the dustrial establishment has taken place and consequently to the absorption of Artificial silk net and simple forms. and other act vities which have atmercial business which in 1912 preminutest of beginning has been made to meet the needs of greater settleoxygen, than a large piece, and when of silk lace are produced by pouring tracted widespread attention and pro- duced 39,535,000 F.B.M. of lumber on the commercialization of Mani- ment whilst Manitoba has gone a small pieces are heaped together they the cellulose solution into engraved mise her a future more brilliant than worth \$545,356; 100,000 shingles worth toba's inland waters which is capable great way towards supplying the needs form a porous mass which may be lines on a revolving steel cylinder,

"When a man is running a one-man population from 455,614 in 1911 to \$120 and 3,235,000 lath worth \$9,707. mineral belt of her northern area northern tracts of the prairie province gen in the coal so that the temperaeach year yield to trappers many ture of wet coal rises faster than that valuable pelts of high grade and value. of dry coal. In the process of loading of sorts. In the season 1920-21 these amounted ships with coal a serious danger is "But, dearest, didn't I ask you to to 499,313 skins which had a value of often invited by pouring the coal into keep our engagement a secret for the the hold from a considerable height present?" An increasing interest is also being by means of chutes. The coal at the taken in the domestication of live fur- bottom thus gets broken smaller and "But, Henry dear, I really couldn't beaver farming in the province can combustion to be set up.

Manitoba contains a great diversity cause he was not a man before he was country. of natural resources the development a merchant, or a lawyer, or a manufacof many of which is merely in the turer, or a statesman-because charac-

### WHY FISH MIGRATE

A fish has got to swim. To do that he must be able to float in the water without effort, using his fins only for travel. This means a nice balance is which are concerned his specific gravity and the volume of water he die

The bones and lean ment of a fish are slightly heavier than an equal volume of water. Thus the finny creafloat but for an air-bladder which its

As the fish grows fatfer its air-bladder contracts, occupying less and less space, because the fat (which is oil) is lighter than water, and therefore less air is needed to give the requisite buoyancy. It has been agared out that a fish 29-1-3 per cent fat would be in equilibrium in sea water without any air-bladder. And, without an air-bladder a fish 461/2 per cent. fat could float in fresh water, which has a consider-

ably less density. Upon these data appears to hang a very interesting new discovery, which is thought to explain the reason why sea fishes, such as the shad and sal-

mon, run up rivers to lay their eggs. The Atlantic salmon, hatched in a Then, too, the varied circumstances coming to pay the customary state call river, soon thereafter seeks the briny and muscle. During the third year it specific gravity sufficiently to cause discomfort in its navigation. This impels it to seek fresh water, wherein (because of the less density) it can

> river, where, under an arrangement spawn that brings it into the river; the impelling agency is fat. On the other Many of the mysteries of "spon- into fresh water anless it was fat, betaneous combustion" have been clear- cause, if lean, it could not float or

> the new theory. As for air-bladders nearly all fishes quently the loss of vessels at sea, an being among the exceptions. It is explanation was suggested to the ef- found that the air-bladder contains

it was afterward shown that many almost undoubtedly it helps out the

### Science Silkworm's Rival.

Henry had a reason for feeling out

bearers and it has been estimated that smaller, until it is in a fit state for help it. That hateful Ella said the alone be promoted to a source of re- No doubt the mysterious loss of no fool had proposed to me, and so I

are devoted to the charities of her

"At least," he replied, "we won't have to cut it down when our daughter

float nicely and agreeably. So in the fourth year it runs up a

The silkworm spins its dainty product by emitting through tiny aperenon, based upon a consideration of immediately, on contact with the air, the nature and structure of the coal coagulates into a thread. If a fluid of itself, led to the theory which prevails the same composition could be manuto-day. This is that the oxidation of factured women would no longer be the coal, and not of the pyrites, is the obliged to depend upon a humble catreal source of the disastrous fires erpillar for their finest dress materials,

Devere Allen. West" it was the first settled area ducing a crop of 6,506,634 bushels; peg, 9,457 square miles, Lake Winniment), to have yet shown appreciable posed to the air Bituminous coals in forced by air-pressure through nozzles. acres devoted to barley in 1910 probeing of gigantic size, Lake Winnirecent origin (merely initial developtheir own volume of oxygen when exworm, the fluid (held in a tank) being of that territory, the agricultural set-last year, 19,681,645 bushels were pro-Manitoba 9.457 square miles and Lake results and it is only in the years to particular always contain a consider-which are glass tubes drawn so fine of that territory, the agricultural setthement of Lord Selkirk taking place duced from 1,043,144 acres. In the
these abound in edible fish including that the exploitation of this able amount of hydrogen, forming a that their apertures have a diameter There is visible in the night sky uniter favorable circumstances a faint in 1821, and in history and tradition same period the acreage devoted to these abound in edible fish including area will effect a revolution in the volatile compound with the carbon. inces between it and the Pacific Coast. and the production from 176,675 to winter and surgeon. Both A very healthy progress in the min-

> Manitoba Hard known wherever mill- of this timber as a commercial enter- In 1909 the value of the fish caught in a marked degree in the case of The smaller the pieces of coal the process is made to yield the thin transing wheat is in demand. This rapid- prise, timber tracts are of great value in the province was \$600,396; by 1913 Manitoba where industrial develop- greater the danger, because a small parent sheets used for facing envelly spread to other agricultural pro- locally to settlers who find multifari- this had risen to \$1,103,385; and in ment in the past twenty years has piece has in proportion to its mass a opes (the address showing through)

> > ly peeled as it issues from a fixing

Hard on Henry.

Charitable Queen The proceeds from all the plays written by Queen Marie, of Roumania

The long-suffering family man gar thoughtfully at his wife's ch "Well, what do you think of it?"

ONTARIO ARCHIVES **TORONTO** 

When a youth in Afghanistan takes a fancy to a girl the method is still more simple. All he has to do is to cut off a lock of her hair. The rest of the proceeding merely consists in driving as hard a bargain as possible with the girl's father.

Morocco is one of the most stonyhearted countries in the world in this ally by proxy, as often as opportunity venurous youth will hide himself in the room when the young woman is

floor window, as is the correct mode pleases him, the young Eskimo pays a surprise visit to her house, puts her in In Burma the maiden of a marriage- a bag, and carries her away to his

### Mystery of "Spontaneous Combustion."

accord, so to speak, was regarded as rivers to spawn. Such, at all events, is After many serious accidents of this kind had occurred, involving not infre- have them, the flounder and swordfish

fect that the fire was caused by the more and more oxygen with increasing oxidation of the pyrites of iron and sul- depths. Fishes taken from great phur, which are often found in coal, depths in the sea have air-bladders But it surrounds thee everywhere, do their duty

But it surrounds thee everywhere, do their duty

But it surrounds thee everywhere, by King Albert since 1920—except that A number of the Government aerodoors and out and up and down stairs panied by the production of heat. But tion is to determine buoyancy, while it was afterward shown that many almost undoubtedly it helps out the

A more careful study of the phenom-

Its wonderful wheat product first set aside as Dominion forest reserves, countered in all the large centres of its reflection in an expansion in manu
the American continent countered in all the large centres of its reflection in an expansion in manu
readily escape, coal being a slow and use of wider slits an artificial leather

even the most sanguine previously \$200; and 1,418,000 lath valued at of developing into an industry of of the prairies to the west of her. thoroughly permeated by oxygen from which the product is continuous. Another provincial resource which the atmosphere. the province of Manitoba increased in worth \$962,416; 60,000 shingles worth. Manitoba at the present time, is the in provincial revenue is fur. The erates the chemical action of the oxy-The centre of greatest attraction in takes a lower though important place The presence of moisture also accel- bath.

> Bright river winding peacefully to venue yielding \$500,000 annually. The many ships is to be explained by a told her you had!" province now has its own fur sales spontaneous ignition of the coal that held periodically at Winnipeg at each they carried.

> > Many an individual has failed be-

preliminary stages. When it is con- ter was not the dominating influence sidered that agricultural settlement, in his life. If you are not a man first dustrial establishment and exploita- -if there is not a man behind your tion of all kinds have at present only book, behind your sermon, behind your been accomplished over a relatively law brief, or your business transacsmall portion of the province, it must tion-if you are not larger than the readily be conceded that a great future money you make, the world will ex-I would put all the burden down; and awaits it when men and capital in pose and despise and discount your about more adequate and justified development.

pose and despise and discount your
success; history will cover up your
memory no matter how much money
Japanese would have