

SPEED OF A MOTORCAR.

Fast Running, Besides the Danger, Piles Up the Cost.

"The driver who persists in operating his motorcar at high speed may elude constables and police," says a writer in the Farm and Fireside, "but he cannot escape from the penalties which natural mechanical laws levy upon his car. Here are ten reasons why it is expensive, dangerous and inconsiderate of others to speed:

"Tires last about twice as long on a car that is driven at fifteen miles an hour as upon cars driven at thirty miles an hour. Speeding generates heat, which is an enemy to rubber.

"Driving a car around a sharp corner at twenty-five miles an hour does more damage to the tires than 200 miles of straight road work. Excessive side pressure on tires may pinch the tubes, and it always strains the side walls of the castings.

"High speeds are likely to cause skidding and breakage of springs and steering gear any of which are dangerous when speeding.

"In proportion to the mileage obtained, high speeds require more gasoline and oil than a moderate rate of traveling.

"Driving a car at excessive speed, especially over rough roads, subjects the bearings to enormous strains.

"High speed may cause crystallization of rapidly moving metal parts that are subject to strain, and these may break at any time without warning.

"High speed interferes with the accuracy of steering, as is shown by the number of reckless drivers who have gone over banks and into ditches, especially on curves.

"It is a strain on the eyes and the nerves of the driver and also of the other passengers in the car.

"Finally, it is a nuisance to the pleasure and safety of others who use the road.

"The majority of modern motorcars develop their maximum efficiency with lowest expense at speeds ranging from fifteen to twenty-five miles an hour, depending on the make of car and condition of the road."

STURGEONS AS THEY FEED.

Peculiar Way These Big Fish Attack and Absorb Their Prey.

The sturgeon feeds along muddy bottoms on small shellfish, water weeds and bottom fishes. According to the Zoological Society Bulletin, its method of feeding is peculiar. Underneath the snout and near the point of its four barbels, or "feelers," about two and a half inches long and placed about three quarters of an inch apart across the snout. It swims with the snout close to the bottom, which allows the barbels to trail along on the sand or mud.

Whenever the barbels touch the protruding alphas of the soft shelled clam or the razor clam the alphas of the clam contract and by doing so notify the sturgeon of their presence. It hits and with its telescope mouth pumps the sand or mud away from the clam, passes it out of the gill openings and finally draws the clam from its resting place into its jaws and there crushes it. The larger portions of the shell it discards through the gill openings, but if the clams are small it discards very little of the shell, but swallows nearly all of it.

Another way the sturgeon has of feeding is to plow a furrow through the sand or mud with its long pointed snout, then to turn round and go back through the furrow and pick up what ever small mollusks and crustaceans it may have exposed. It also sucks up with its protruding mouth great quantities of sand and mud, sifts them through its gills and thereby finds many small organisms upon which it feeds.

How many people say to themselves, "Next year will find me with a nice little savings account," and then realize later on that it was like so many other good resolutions never carried out. The time to begin is now. Nothing is ever gained by indecision. Begin by doing without some one thing which, possibly, may not come under the head of extravagance and still is not a necessity. It is not so much the amount you save at first that counts, but it gives the way for the systematic saving, which in the end makes the successful men and women of tomorrow.

S. W. Straus

The Island of Hongkong.

Hongkong is an island about twenty miles long, with a width of from one to three miles, and consists almost entirely of a series of hills. There is a good road around a portion of the island on the sea front, but the steep hills up the mountains are too steep for practical automobile driving, and the streets generally are not wide enough and too strongly enough constructed to permit the use of heavy cars upon them.

Father's Peaceful Role.

There is nothing in the theory advanced by the funny papers, to the effect that indignant fathers kick objectionable suitors down the front steps. All a father does when his daughter entertains a young man who is objectionable to him is to growl to his wife: "Topeka Capital."

So He Rose.

An Irish M. P. once declared with due solemnity, "Mr. Speaker, I cannot sit still here and keep silent without rising and saying a few words!"—London Telegraph.

He who conceals a useful truth is equally guilty with the propagator of an injurious falsehood.—Augustine.

OUR FOREIGN BORN

They Amount to Only a Seventh of the Whole Population.

GERMANS IN THIS COUNTRY.

More Than Eight Millions of Our People Are Native of the Fatherland—Interesting Immigration Facts.

"During the last quarter of a century there has been a startling falling off in the percentage of Germans in the total number of immigrants who have come to our shores," says a bulletin of the National Geographic Society. "With more than 17,000,000 immigrant arrivals since 1890 only 1,023,000 have been Germans, whereas in the 114 years between the establishment of the American republic and 1890 out of a total of 15,689,000 immigrants there were 5,125,000 Germans—every third arrival a Teuton.

"If from the 1,023,000 who have come to America since 1890, the period of greatest influx of foreigners, a proper deduction is made for those who returned to their home land and those who have died since their arrival it will be seen that there are fewer than a million former subjects of the Kaiser in this country who have not been here more than twenty-six years. Of more than 8,000,000 people of German birth and immediate ancestry among us less than 1,000,000 fall to have the background of birth or long residence in America behind them.

"An examination of the statistics of American immigration shows that since the foundation of our government the United Kingdom of Great Britain and Ireland has contributed 8,400,000 of her people and Germany more than 6,000,000. Great Britain, with a little less than 3,000,000, and Scandinavia, with something less than 2,000,000, have, together with Germany, contributed more than half of the total immigration to our shores since the beginning of the Revolutionary war.

"Austria-Hungary stands next on the list of contributors to the immigrant stream that has flowed from Europe to America. Although Austro-Hungarians began to immigrate in considerable numbers only when the arrivals from western Europe had begun to fall off, sufficient have come from the dual monarchy to populate the state of Texas to its present density. Italy has sent us enough of her people to duplicate the population of Montana, Wyoming, Idaho, Oregon, Nevada, Utah, Colorado, Arizona and New Mexico.

"The Russians who have come to our shores number 3,419,000. They could replace one-half of the population of New England.

"Although the people of foreign birth constitute only one seventh of the country's population they contribute nearly one-fourth (22 per cent) of the arm bearing strength of the nation. At the last census many of the states had a larger number of foreign born men of arm bearing age than they had of native ancestry citizens, among them Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Wisconsin, Minnesota and North Dakota.

"Taking the states where those of foreign birth and their sons together constitute a major portion of the men between the ages of eighteen and forty-four, it will be found that the list includes the above named states and the following: New Hampshire, Pennsylvania, Michigan, South Dakota, Nebraska, Montana, Idaho, Arizona, Utah, Nevada, Washington and California—in all twenty states. We have considerably more than 20,000,000 men of military age in the United States.

"Another striking fact of our immigration situation is the unusual preference of the foreign born and their children for the cities. Of the 35,000,000 foreign stock whites living in the United States approximately 23,000,000 live in the cities. In only fourteen of the fifty leading cities of the country do the whites of full native parentage constitute as much as half of the total population. Only one-fifth of the city population of New York at the census of native white ancestry. In a third of the population of Boston, Cleveland, Pittsburgh, Detroit, Buffalo, San Francisco, Milwaukee, New York, Minneapolis, Jersey City, Providence, Portland, Worcester, Lowell, Springfield and Hartford are of foreign ancestry.

"Conditions have played curious tricks with the population of the United States. More than two-thirds of the Germans live between the Hudson and the Mississippi and north of the Ohio. The same is true of the Austrians. The Belgians, the English, the Dutch, the Irish, the Russians and the Welsh New York Province out of New Jersey have 47 per cent of the Austrians, 35 per cent of the Belgians, 30 per cent of the Germans, 31 per cent of the English, 15 per cent of the Irish, 38 per cent of the Dutch, 36 per cent of the Russians, 22 per cent of the Dutch, 21 per cent of the Scotch and 16 per cent of the Welsh in the United States."

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Wills—Pop. what are ancestors? Father—Well, I'm one of yours, and your granddad is another. Willie—Oh, but why is it that folks brag about them?—Everybody's Magazine.

Be not like the anchor, which, although long at sea, never learns to swim.—Youth's Companion.

CLIMBING TO SUCCESS.

Advice to Young Men Who Want to Get Ahead in Business.

President Bedford of the Standard Oil Company of New Jersey has himself traveled unaided every step of the way from the valley of obscurity to the summit of success. I asked Mr. Bedford to tell some of the things he had learned during his journey, to give some suggestions or pointers for the guidance of other climbers.

"Well," he began, "my advice to every young man would be this: 'Do everything you are told—and do it with all your heart and strength—willingly, cheerfully and enthusiastically, and then look around for more work to do.'

"Don't measure your work by hours, but by what it is possible for you to accomplish from the time you enter in the morning and be early rather than late—until the place closes in the evening, and don't quit the moment the place officially closes if there is work still to be done.

"Read and study and think along the lines of your business. Learn what it is all about, what service it contributes to making the world go more comfortably and efficiently around.

"Cultivate the habit of looking ahead, of acquiring as much foresight as possible. Have imagination and vision.

"Then try to plan out your life, to map out a course, consider and calculate the steps necessary to carry you toward your goal; go forward step by step, and don't get your sequences mixed. Do one thing at a time. If your job at the moment is to keep books master bookkeeping thoroughly, and study the fundamentals of accountancy, don't merely keep your books mechanically. From accountancy go on to study finance, and this will help to open other doors. Or if a man starts in a manufacturing department let him first master that department and then learn all there is to be learned about other departments.

"This will become familiar with the whole process of manufacture. "His next step would be to learn the outlets and the uses for his manufacture—the market for his product. By studying what and how much his market will take or will not take he becomes a capable merchandise man. This double knowledge of manufacturing and merchandising qualifies him to fill an executive position and opens the way to rise to the very top, whereas the fellow who was content to juggle along in a rut in one department will still be about where he began." B. C. Forbes in Leslie's.

Loyalty Must Be Blind.

It is generally believed that business and poetry have nothing in common, yet when Tennyson wrote "The Charge of the Light Brigade" he committed to paper the most vital lesson a business employee can learn—the lesson of blind, blithe loyalty. No commercial organization can live in which loyalty is lacking; none can largely succeed in which it is lukewarm. The man who accepts pay must give more than his time, more than his intelligence; he must give also his heart. The boss may blunder, but the right kind of employee goes ahead anyway, doing the best he can.—Electrical Merchandising.

Tools For the Farm.

In Farm and Fireside are given the following list of the tools every farmer must own: "Under the title of 'Repair Shop,' C. I. Gunnies, a Massachusetts machinery expert, lists the following tools as invaluable on every farm. The chest includes rip-saw, cross-cut saw, claw hammer, steel square, Jack plane, block plane, spirit level, brace and set of auger bits. Many other tools might be mentioned, but with those listed practically all of the necessary farm carpenter work can be done."

Four Governors in One Year.

In one year once the state of Maine enjoyed the novelty of having four governors. The year was 1843. Governor Fairbank was elected to serve the year, but resigned. He was succeeded by Governor Kaysen, who presided of the senate, but he also resigned. Then Governor Dixon speaker of the assembly took the chair, and he was succeeded by Governor Dana, president of the senate. Governor Anderson was elected for the year 1841.

Declaring War.

There is a report to the effect that a declaration was made by the state of Massachusetts. A government declaration was made for the purpose of making war on the state of Massachusetts. It declares that a state of war exists between the United States and the state of Massachusetts.

He Expresses.

Sharon: The only thing that I like, besides with me, is a woman. (Chorus)—Greatest you ever saw. Why her own mother-in-law, she her for when she was a girl.

Not Being Done.

He—What did you think of the play? She—It wasn't true to life. He—How so? She—Well, the wife continually asks for money and gets it.—The Lamb.

An act of yours is not simply the thing you do, but it is also the way you do it.—Wendell Phillips.

FOR GOLF PLAYERS.

A Few Suggestions on the Best Grips For Hands and Feet.

The importance of the general equipment of a golfer in all its details is often overlooked, and it is therefore proposed to mention a few things, to be remembered. Perhaps the greatest problems are the best grips for the hands and feet. So far as the former is concerned, to many this is no trouble at all, for they just rub some pitch or wax on their grips and have no further difficulty, but there are others who cannot use either of these because it makes the hands sore, thus taking away much of the pleasure of the game.

Something in the way of an alternative to be recommended is rough rubber. One would imagine that this material would wear the hands out sooner than anything else, but this is not the case. There seems to be a prejudice against wearing gloves for golf, but they are really quite easy to play in, although it takes a few weeks to get thoroughly accustomed to them.

Gloves have the advantage of keeping the hands warm, as well as preventing them from becoming sore, cracked or blistered.

A firm grip for the feet is just as important as a good grip for the hands. It has been said that the ordinary nails which are put in golf shoes are not much good. Gymnasium shoes are suggested for dry weather, but are practically useless if the ground becomes at all wet. It is a great mistake to play in gymnasium shoes or those mixed. Do one thing at a time. If your job at the moment is to keep change to told soled boots, for when these have studs or nails fitted the player stands quite an inch higher. A difference like this is apt to alter the game of any one considerably, and one golfer who tried it sliced all his drives until he got accustomed to his higher position.

A player should always see that he is thoroughly comfortable and should avoid carrying bulky things in his pockets, such as balls, which often get in the way when approaching and putting. These articles should be placed in charge of the caddy during the round, or, falling the caddy, they should be put into the pocket of the bag. No golfing equipment is complete without a rag or duster to dry the grips in the event of rain or to wipe the hands if they should perspire in hot weather. New York Post.

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