The Automobile

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ever, to load up the battery with to

many devices which operate by electricity. tricity. When it comes to tools one should aim to have plenty for ordinary requirements.

Natures Change of Clothes. There must be many people who have actually seen a toad get out of his skin, and, arrayed in a brand-new

For instance, a good selection of one, which was ready grown under-ools will include everything that is ikely to be needed while on tour. This is not romance, but plain fact. likely to be needed while on tour. This is not romance, but plain fact. However, such accessories should not All reptiles shed their skin, but not be allowed to take up a large amount until they have acquired the toad's of room. They should be capable of habit of swallowing the old one. The being packed in such a small place reason this change of clothing is not that they are not constantly getting in witnessed more often is that reptiles the way. The special tools furnished seek privacy for the operation, as by the manufacturer should always be carried along and taken good care of, capped, and might be at the mercy of as nothing else is likley to meet quite an enemy. Every bird, too, changes its clothing

so well the needs that may arise. CARRY SUPPLY OF LINKS.

Every bird, too, changes as the training of at least once a year. The moulting of the old feathers is done without much You can never tell what the weather is going to be an hour after you leave new rig-out in a very short time, re-your garage for a drive. To be caught newing color and texture according to your garage for a drive. To be out on the road in a storm is not un-breed and variety. Your pony, your dog, and your cat

common. In such an event you might be faced with the necessity of putting on non-skid chains. This means in the first place that it is very desirable to supply your car with such chains. to supply your car with such chains, cellent and efficient clothier. Insects Though these are in good condition when leaving the garage, after run-ning a while over rough roads at a underneath. Some shelfieh do the fair speed, some of the links may wear same.

through and begin to thrash against the mud guards. This is anoying and is apt to be damaging to the mud This means, in the second guards. place, that it is desirable to carry

supply of links and a chain tool so that the broken ends can be removed and broken links can be replaced. Some motorists would not venture

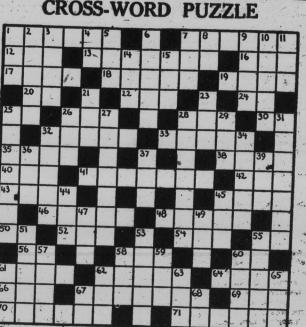
gineering specification. forth without a folding pail. Perhaps To give some idea of the size of they have had the distracting experiese timbers the total board measureence of climbing up a very long hill to find the water in the radiator boiled million feet. They must also be with-

to ind the water in the radiator bolied away. While the cooling systems for automobile engines to-day are very efficient and while it is only in ex-ceptional cases that the water will boil out of the radiator, yet when this occurs the results are liable to be dis-astrous. While tire troubles are less in reident in reident threads the wonder-the incident illustrates the wonder-the incident illustrates the wonderastrous. While tire troubles are less and less in evidence they do occur once ful quality of British Columbia's tim in a while. To jack up a wheel to change a tire, on dirt and sandy roads especially, is something most difficult. The lack sinks into the loose sand or soundness.

dust instead of lifting the car. If you At the same time, only the costly have handy a block of wood an inch thick and about six inches wide and loggers will enable the logs for this a foot long it will be a ready solution order to be yarded and transported ly the up TOW ROPE IS FRIEND IN NEED. minute machinery of the manufacturer It is not easy to keep the hands will permit their sawing and squaring clean while working about a car. to the required dimension. Grease and grime get on the hands Shocked the Bishop. and oil is often hard to avoid. There. 46-Ago (poet.) 48-Sorrow or s A bishop was paying a visit to a cer-tain parish and decided to address the fore many owners carry a small bag of waste or rags. Then it is desirable children of the Sunday-school. to nave a three-in-one or similar tire-He had noticed many large bills valve tool with which it is possible to about referring to "the Bishop's visi-remove the valve plunger, clean ui; tation," and accordingly began his talk 55-Preposition the threads in the valve stem so that the plunger may be properly seated, and trim the damaged threads on the "Please, sir," replied a young urchin, 60-To exist outside of the stem so that the cap "it's a plague sent by Providence." will screw down tight. The valve stem may become battered in chang-Red-Light Gloves. Luminous gloves are being worn b ing a tire so as to prevent air being forced into the tire. A tow rope is another useful accession of the outstretch-sory. You may need it yourself or it ed hand is switched on by bringing the may be used to help a fellow motorist thumb and forefinger together.

Funnier Than Fiction.

Ining or brake band lining that is to be cleaned can be readily done with a tool made from an old hack saw bhade cut down at one end to fit a file



HORIZONTAL 1—A great Island N. of Canada 7—A synagogue ruler whose daugh-ter was raised from the dead

12-Girl's na 12—Girl's name 13—A city in Venezuela 16—Suffix, meaning "of the nature

of; like" of; like" 17—A cape on the coast of New foundland 18—A tambourine 19—An entrance or passage (min

ing) 20—One of the churches (abbr.) -Achie 22—Achieved 24—Prefix meaning "from, out of" 25—Personal pronoun 26—A kitchen utensil 28—Preposition 30—Close to, by 32—A woodland deity 33—Mercileas

alone and the state

as ability to root is concerned between ed to any extent in the productiaon of cuttings, which are taken, through a horticultural shrubs. bud and those which have their first

bud farther up the stem, although many growers favor the former meth-

Success in rooting cuttings depends on the production of callus over the lower, and of the stick. Callus is a spongy material laid down by the ac-tivity of certain plant cells in an ef-fort to close over the cout and it is from this callus that roots arise. Cal-lusing can be hastened by burying the form this callus that roots arise. Cal-lusing can be hastened by burying the cuttings upside down in moist sand so that the root end will be exposed to a that the root end will be exposed to a that the root end will be exposed to a that the root end will be exposed to a that the root end will be exposed to a that the root end will be exposed to a that the root end will be exposed to a that the root end will be exposed to a that the root end will be exposed to a that the root end will be exposed to a that the root end will be exposed to a the root end will be exposed to a the root end will be exposed to a that the root end will be exposed to a not so likely to become active too soon. These cuttings may be planted in the fall as soon as they have callused or they may be stored in a cella over winter in boxes of moist sawdust sand and set out in the spring Many of the common shrubs such as Deptzia, Wiegelfa, Forsythia, Hydran

Hardwood cuttings are sometime

used in propagating everyreens. more particularly those types which cannot be grown true to type from seed. Since evergreens are usually slow in rooting the heel and mallet types of cutting are often used. These consist of a small portion of the main stem 'along with the cutting, the idea being to provide an extra supply of stored food on which the cutting may draw while it is forming its callus. Ordinarily evergreen cuttings are set out in the fall and given winter protection. Cold trames ore often used for this purpose. Soft wood cuttings may be taken in

development of num

ooted.

early summer from new wood. They are usually set in a propagating bed of sand and are kept sheltered from the

taken in the fall from well ripened wood of the previous season's growth. The wood should be out in to pieces from 5 to 8 inches in length, usually is some avidance to doe the type. There from 5 to 8 inches in length, usually is some evidence to show that varia with three or four buds on each. There tions can be produced by grafting on seems to be no great difference as far different stocks, but this is not follow-

Animal Centenarians.

ually live only six weeks. Ants have been kept in captivity for fifteen years, while the toad has been known to at-tain forty years. A turtle was kept in captivity for 150 years, and the specimen in question may have been 300 years old.

Many of the common stirubs such as Deptzia, Wiegelfa, Forsythia, Hydran, household cock lives fifteen to twenty gea and Spirea are usually propagated by this method. The age of birds is known best. The stork, seventy; the falcon, 162; the golden eagle, 104; the blackbird, eighteen; the canary as much as twenty-four, and the parrot about 100 years. Of the mammals, the horse attains ty; the dog, twenty-eight; the cat, twenty-two; and the elephant and the whale 200 years.

> The Potato on Trial. It took people a hundred years to

discover that potatoes were good to eat. In 1728 an attempt was made to in-

troduce potatoes into Scotland, but they were denounced from the pulpit on two contradictory counts-that they were the forbidden fruit, the

The Land of Big Timber. 66 Recently an official representing the Dominion Government came to 70 tish Columbia with an order in his pocket for 125 pieces of squared tim-ber of unique strength and record dimension, to fill an extraordinary en

MUTT AND JEFF

I HEARD A NOISE LAST

NIGHT- IT MUST HAVE BEEN JEFF GETTING

CALIFORNIA TRIP!

BACK FROM HIS

(abbr.)

48—Sorrow or suffering (poet.) 50—A weight (abbr.) 52—A stay-rope 54—Middle (abbr.) tribes 56—Part of verb "to be" 58—Member of a City Council 55-To vex 60—To exist 61—A country of S. E. Asia 62—An implement for separating grain by beating 64—Exclamation of regret 66—Possessive pronoun 67—A military title 69—Man's name 70—To summon and gather together 71—A province in east Canada 57-A Jump

10—10 peruse 21—A semail bed 23—Girl's name (familiar) 26—A step, a dance 27—Despotiam 28—Liberty 28—A color 31—A color

 32—A woodland
 28—Liberty

 33—Merciless
 28—Liberty

 35—A wading bird
 29—A color

 38—An entrance way
 29—A color

 40—Man's name (familiar)
 31—A city of Ontario, Canada

 41—Kind of ship Columbus salled in
 32—A city in Punjab province, India

 42—Relative pronoun
 34—Reduce in value

 56—A receptacie
 37—A vessel for holding liquids

 57—A vessel for holding liquids
 57—A vessel for holding liquids

37—A Vessel for holding liquids 39—Interjection 44—Farm product 45—Seed-case 47—Possesive pronoun 49—Cover of a receptacle 51—A large group of South African 53-To utter heedlessly 58-A high mountain 59—Prefix meaning "through' 60-To tell tales 61—Purposs 62—At a distance 63—Liquid (abbr.) 65—A cavity or receptacie 67—A degree (abbr.) 68—Name unknown (abbr.)

VERTICAL -

2—To conform 3—Front 4—Suffix used as an adjective

9-An excursion by any means of 10-A city of east-central New

termination 8-Man's name (familiar) 6-Toll 7-A container

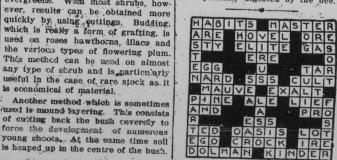
-To shut out

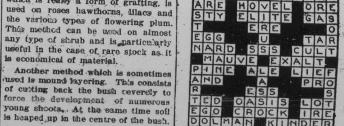
York 11—Fixed in opinion 14—Uncooked 15—To peruse

8-Like

od is usually practized in the greened. This methcause of Adam's fall. They were achouse or in frames. Cuttings should be planted out as soon as they have cused of causing leprosy and fever. Not Honey in the Flower.

Grafting is used as a means of pro Honey, as such, is not present in the flower, but is a substance that has been partially digested by the bee. pagating some roses and some of the evergreens. With most shrubs, how-





MUTT SHOULDN'T CONFUSE JEFF WITH SUCH FANCY WORDS-By Bud Fisher. -AND BELIEVE ME, MUTT PERFECT CLIMATE CHEERIO, OLD I GUESS YOU MUST HAVE HAD A BULLY TIME WELL, E DIDN'T NOTICE M-M SAN DIEGO!! AH !!! SAN THE NAME OF THE DRINKING IN THE S PLACE, BUT IT WAS DIEGO, THAT'S THE OZONE! ONE BLOCK FROM PLACE! THE DEPOT

