-Seat Drivers eceive Rebuke

Reveals No Need for Loud rom Rear Because Most Know How to Drive

S. Bureau of Public Roads gave backseat motorists heir own medicine. reau published a compreudy showing that motorists ways allow ample clearance sing another vehicle. The should convince the wife law or whoever is giving from the rear seat that to reason to have the jit-

shout at the driver. Ample Clearance basis of hundreds of feet picture film taken from y equipped highway autoighway experts said that ince of passenger automotaking and passing other taged slightly more than When the cars were ap-

each other, the distance s also demonstrated, the Americans are not exci storists. Drivers of both ears and trucks tend to lanes of traffic assigned

ad Hog" is Passing des, the experts said, inthe "road bog" of a few he motorist who hugged the road and refused

inls, on the basis of their powies, said that roads 18 were too narrow either for cars alone or for a mixed rucks and passenger cars. foot highways, passenger d 3.8 feet whereas on 22. the average clearance al-4.9 feet or more then a nal margin of safety. 'andid' Survey at highways are ade-

the traffic, including a Heavy traffic can be ely on highways 22 feet driver runs off the highshoulder, the chances are

that instead of being another vehicle he is id" camera survey was J. T. Thompson, Proil Engineering at Johns

niversity of Balt more,

Hebden of the Bureau

ion Meter" ges Intensity Love's Mook

feasures Feeling From in Palm of Hand r to Lie Detector

w of lown professor has emotion meter" which he es the capacity of one's e by the perspiration in schine would be of little

enlightened stanin, said C. A. Ruckmick, hea trained psychologist pes of Emotion measures all types for and that produced by

breathing, Ruckmick s opinion, hand perspir-

the sweat glands is Suntary and uncontroldained, "Persons now o control their breathemotional responses. t control glar of acit is more convenient le to test the hands esure or breathing." rrents Picked Up ion lies, the sweat

and become more acd this generates elecwhich are recorded by galvanometer. These e picked up by two s which are tightly the palm of the hand. ding questions, Prosays he can differenhe various emolenal was assisted by D. rmer engineering rein devising the de-

sphalt Tested

ence with colored asint wearing quality he is as satisfactory aspeat, and that ome importance in ern light reflection according to rethat colors must be iter materially under nce some mixtures time become transal or even darkened lificial light.



LESSON VI. Christian Character and Peace-Colossians 3:1-17

Golden Text-And let the peace of Christ rule in your hearts, to the which also ye were called in one body. -Colossians 3:15. THE LESSON IN ITS SETTING.

Time-About A.D. 62. Place—the epistle was written from Rome to the city of Colosse. which was located about one hundred miles east of Ephesus, in Asia Minor.

without Christ is that upward aspirations have no definiteness and are never fulfilled. Man continues to long for higher things, and, at the same time, is conscious that the powers which drag him down are greater the the power of any longings to live on a higher plane. What man longs for, the Lord Jesus Christ

Things That Are Above

a fundamental truth in the Christian faith. How, we may ask, were we Seek the things that are above, where Christ is, seated on the right hand of God. We are "to search them out as they are revealed to us in the Holy Scriptures and to be looking for and accepting them in our experience and possession." "Seek, above all, assured communion with God, real work for God, frequent rest in the felt presence of God, through and beyond all these, the final reward of the soul in God, but seek also that which is highest, purest, truest, noblest, even in the sphere of nature. 2. Set your mind on the things that are above, not on the things that are upon the earth. "Jesus Christ is the summing up of 'the things that are above'; therefore if a man wants to love Jesus Christ, he must think about him. Seeking the things that are above will come, and will only

come when mind, and heart, and inward life are occupied with him. Each man's higher life begins in a death. As Christ rose from the dead, so also do his members rise from the death of sin to a life on the highest plane, a life in heavenly places." Because our life is hid, it is incapable of being touched or hurt by any evil

Dowers 4. When Christ, who is our lfe, shall be manifested, then shall ye also with him be manifested in glory. "Our Christ-life is not always to be hidden, but is to come forth in full

and glorious manifestation, 5. Put to death therefore your members which are upon the earth; fornication, uncleanness. evil desire, and covetousness, which | siveness toward God. Longsuffering. is idolatry; 6. For which things' sake cometh the wrath of God upon the giving each other, if any man have a sons of disobedience: 7. Wherein ye also once walked, when ye lived in these things. The verb here translated "put to death" means, literally, "to reduce to a state of death," or erative. "The Christian, in the power of his hidden life in Christ, is thus to deal with his sins. The believer, reminded of his resources and of the will of God, is now, with full purpose, to 'give to death' all his sins.

8. But now do ye also put them all away. How difficult it is to put off something which has become a habit! When we have learned a wrong way of doing a thing, it is a fearfully heavy business to unlearn it. Anger, wrath, malice, railing. "The first word refers to the outburst, or the vice of indignation bordering on revenge; the second word refers to the violent emotion that boils within. The third refers to calumnious denunciation, to which anger so often prompts." Shameful speaking out of The tragedy of the human race | your mouth. This phrase often denotes generally foul or abusive language, and as it is so closely connected with the passion of anger such may be its meaning here.

The New Man 9. Lie not one to another; seeing that ye have put off the old man with his doings. 10. And have put on the new man. The old man is came to give, to make it definite, and simply the state of an unregenerated man, a sinner guilty under the sentence of God's law. The new man is 1. If then ye were raised together | the same person with a new life in with Christ. That Christ was, in his him which is contrary to the old life, own body, raised from the dead, is I i.e., the old man lives subject to the 1 Cominion of sin, but the new man

lives under the sovereignty of God ever raised with him? Actually, we | Regeneration is an act of God through his Holy Spirit, and is something that no man can accomplish. That is being renewed. We are in the place where we can be renewed when we keep in communion wen God. Unto knowledge. "A knowledge not alone of the intellect, but of the heart; a knowledge which includes faith and experience as well. Every item of true knowledge gained is growth and the conquest of evil." After the image of him that created him. "As in the first creation man was made in the image of God, so in the new creation.

11. Where there cannot be Greek and Jew, circumcision and uncircumcision, barbarian, Scythlan, bondman, freeman; but Christ is all, and in all. There are no distinctions among Christians as far as their standing is concerned, or God's ultimate purpose for them, either national, ceremonial, intellectual, or social.

12. Put on therefore, as God's elect. The elect of God are those whom God has appointed to receive eternal life. Joseph Parker once said that a man could know if he were elected of God if he was certain he had elected the Lord Jesus Christ as his Saviour. Holy and beloved, a heart of compassion. A compassionate person is one who suffers with those who are in need. For two beautiful pictures of true compassion, see Luke 10:33, and Luke 15:20. Kindness. "The character which offers sympathy and invites confidence." Lowliness. The attitude of a soul which has lost its pride in the discovery of mercy of its salvation." passion, Meekness. An attitude of submis-13. Forbearing one another, and forcomplaint against any. Forgiving and forebearing "explain the operation of meekness and longsuffering, forbearing to be impatient and to avenge one's self, and, on the con "like seath"; a state helpless, inop- trary, to be forgiving." Even as the Lord forgave you, so also do ye. "A heart touched and softened by pardon will be a heart apt to pardon."

A Life of Love 14. And above all these things, put on love, which is the bond of perfect-

Windsor Pays Visit To German Factories



The Duke of Windsor, centre, converses with many of the employees of a German plant at Berlin, after having been noisily welcomed. While the Duke made a tour of factories and houses, the Duchess remained in her hotel, resting.

ness. The apostle says that, above everything else in importance and power, the new man must manifest a life of love. "Love is the product of the other graces, the fruit of their ripe development. Love itself is, at the same time, the highest element of this perfection and forms the nearest resemblance to him of whom it is said, 'God is love.' No grace is com-

plete without love." 15. And let the peace of Christ rule in your hearts, to the which also ye were called in one body; and be ye thankful. The peace which Christ makes for us with God. The peace, in other words, that fills us with serenity and tranquility in all our relations with men. We are to let this peace rule in our hearts.

16. Let the word of Christ. The word of Christ is, that great message which Christ himself made possible by his life, death, and resurrection, i.e., the gospel, the good news, the message from God through his Son, who is the word of God. Dwell in you richly. The word of | Christ.

Well, well, here we are again, with

more gossip about the people you

hear on the radio. The informality

of Bing Crosby's program on Thurs-

day nights at 10 o'clock is more than

tempt is made to run through the

show in its entirety before it goes on

the air. Each spot is rehearsed and

timed separately. If any cutting is

necessary to compress the program

to fit the one hour limit, it is done

just before the troupe goes on the

air. Add to this Crosby's inimitable

style of spontaneity, Bob Burns' Van

Beuren drawl and the sparkling chain

of guests, it's no wonder that the

Kraft Music Hall ranks tops in pro-

. . .

Sixteen World Title Fights

over the Blue Network. November

12th. middleweight Champ Freddy

Steel, defends his title against Fred

Apostoli; November 19th and 26th

are also fight nights, but the cards

have not yet been selected. All fights

will take the air at approximately 10

From Roy Locksley comes a bit of

news that CFRB will carry the

I hockey games this year again. Can-

ada's national sport will be described

by veteran Foster Hewitt. The first

games will be played November 4th

and 6th, and the broadcast will reach

Canadian Network News

duced to you a week or so ago, is

coming along beautifully. He audi-

tioned for a commercial program the

other day, and we hold high hopes

By the way, CFRB studios were dressed up in plenty of orange and

black for Hallowe'en, and plenty of

pumpkins were around-and we don't

Jack Barkin and Dorothy Price

are gaining many friends with their

work on the Grad Cigarette show

Friday nights. Incidentally, listeners

may attend the broadcast of this per-

for him.

mean engineers.

Joseph Laderoute, a lad we intro-

fans in every part of the country.

excellent showmanship. No

Christ is to inhabit us, finding in us its very home. In all wisdom teaching and admonishing one another with psalms and hymns and spiritual | with the combs in the top chamber songs, singing with grace in your hearts unto Cod. 'Psalms' seems to refer specifically to the songs of David; 'hymns' to songs of praise composed by Christians; 'odes' to forms of song with no limitation that they shall be spiritual. It was to be a daily, life-long service of song, but always as teaching and ad-

17. And whatsoever ye do, in word or in deed, do all in the name of the Lord Jesus. "The name of a man is that which distinguishes, identifies, sums him up, and the name of Christ is all that Christ is as man, as God, and as the God-man. Giving thanks to God the Father through him. All the blessings which we have come from God through the Lord Jesus Christ, and all of our thanks should be given through the Lord Jesus

Farm Problems

PROFESSOR HENRY C. BELL with the co-operation of the various departments of Ontario Agricultural College

1. Q. "I have ten (10) colonies of bees and would appreciate information as to how they may be successfully wintered."-K.G., Halton Co. A. -There are three important

points to keep in mind: (a) A strong colony of young

(b) Abundance of food. (c) Protection from the prevailing

winds, as well as individual insulation. Annual requeening is the best

method to insure young bees for winter. A young queen will lay later in the fall than an older one, which means that the bees will have more vitality, and be better able to withstand the winter and build up a strong colony the following spring. All weak and queenless colonies

should be united with stronger col-Honey or sugar syrup may be used for winter feed. At the present time it is recommended that bees be wintered in a double brood chamber, full of honey. Single-storey colonies

should have the combs from twothirds to three-quarters full of honey. If it is necessary to feed sugar syrup, mix two parts of cane or beet sugar to one part of boiling water. An apiary should be located so that it will be sheltered from the prevailing winds. In addition to this, colonies should be insulated with shavings, dried leaves, etc. inches (4") of insulation is provided on the sides, and from six inches (6") to eight inches (8") on top.

This material may be supported

around the colony by a wooden win-

ter case, or by tar paper. Full in-

formation concerning the tar paper

pack, as well as advice on winter

cases, may be secured by writing to

the Provincial Apiarist, O.A.C., Gueph

2. Q. "When and where is the Annual Convention of the Ontario Bee-

inches tall, weight, 145, age 32, red

hair, and a jovial personality. WJR,

Detroit has carried a program series

in which he was known as "Clip" of

the twins, Clip and Save. He was

advertising manager of Schulte's

United Department Stores, the Ajax

Tire Corporation, Wisconsin, for

whom he conducted the first field

campaign for tires. Scott-McHale

You, as the listener, demand en-

tertainment from your radio, but this

entertainment must be paid for, and

Buster is one of the guys who looks

for the guys who are contemplating

advertising, and tries to sell them

the idea of supplying you with the

entertainment you want. To use

Buster's own words, "it's as easy to

do this as walking across the Atlan-

tic Ocean." If anything goes wrong

with the program, it's Buster who

gets merry heck from the sponsor. If

you do not buy the sponsor's goods.

it's another kick in the ear for him.

But Buster, being a happily married

man, is not used to taking kicks, and

makes sure that none come to him.

Shoes and McCormick Biscuits.

keepers' Association to be held this fall, and what are the chief subjects for discussion?" W.F., Oxford Co.

A .- The Annual Convention will be held at the King Edward Hotel, Toronto, from November 23rd to the

The chief subjects listed for discussion are:-fall management and wintering, queen rearing and requeening, new ideas in management, home rendering of wax, labour saving devices, proper straining and grading of honey.

Dr. E. J. Dyce, Provincial Apiarist, Ontario Agricultural College, Guelph

3. Q. "I think I made a mstake by putting Muriate of Potash on my potato ground. I mixed it with 4- | ize or comprehend. 8-10 fertilizer and put it in the row with the seed. The potatoes were very small and most of them had a deep pink skin. Would it have been alright if I had put Sulphate of Potash in with the 4-8-10? Four rows in which I did not put any extra Potash the potatoes were good quality and size. A.M., Wentworth Co.

A .- Regarding your mquiry as to potato fertilizer. it would appear to me that you over-did the application of Potash, especially since you report that where you used the 4-8-10 alone the potatoes were of good quality and size. You see the 10 per cent at the end of 4-8-10 is Potash. This is a fairly heavy application in itself, especially if you put it on at 500 to 750 lbs. per acre. By putting the fertilizer in the row there is a danger that you get it too close to the seed potato piece. There is no evidence to show that Sulphate of Potash is less chemically active than Muriate of Potash. As a matter of fact, I believe it is a little more chemically active so that the difference in the types of Potash will not have been responsible for your unsatisfactory results.

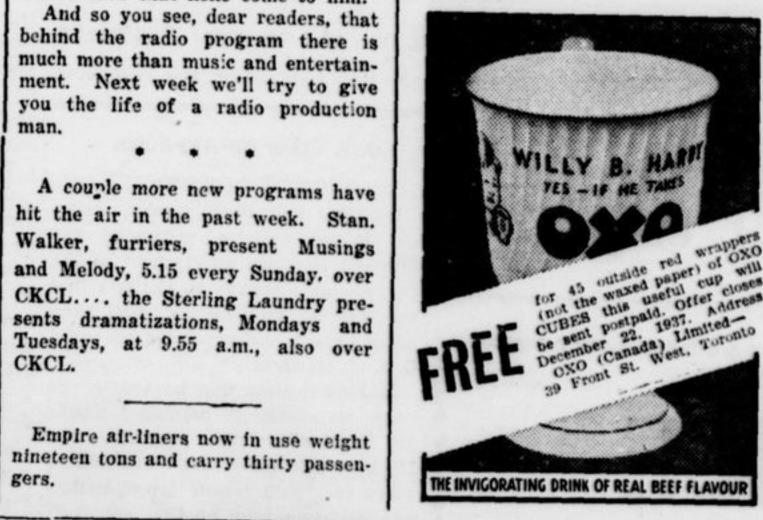
Husky Jap Women ing campaigns. In a police line-up he would be quoted as being 5 feet, 10

The board believes the "strongest

with husky women. Women already are driving taxis

25,000 Beekeepers in Canada about 25,000. Canadian bees pro-

Kissing, and not by relatives - is the only medicine for a strange disease in the Northern Shan States in Berma. Symptoms are fever, loss of appetite, lassitude.



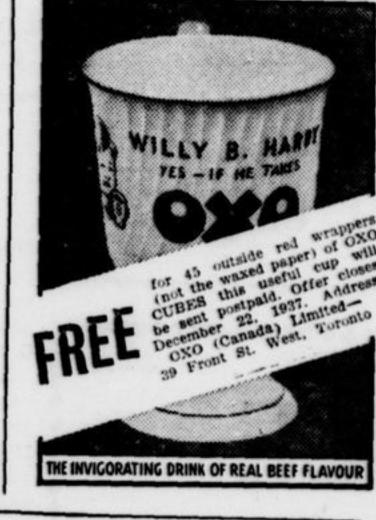
May Police City

The Metropolitan Police Board, Tokyo, is considering recruiting women to replace policemen called for mili-

of the weaker sex," would be more useful than the weakest of the stronger sex"-and may fill vacancies

operating gasoline stations, and acting as conductors on buses.

Beekeepers in Canada number duce more than 24,000,000 pounds of honey in a year and close to 300,000 pounds of beeswax, says a Canadian Resources bulletin.



Is This Your Birthday?

By A. R. WEIR

What the STARS foretell for those born on November 5, 6, 7, 8, 9, 10 and 11

GENERAL-

If the date of your birth is listed above you were born under the sign of Scorpio which is energy. You are strong willed, determined, have initiative and the will to do something with it. You may face difficulties from time to time but you have the will to overcome them and to make them seem trivial. People like you and there is much happiness for you.

NOW FIND YOUR OWN BIRTH DATE-

Nov. 5 - Tuesday is your lucky day. Nine is your lucky number. A great change in your business affairs will have a big influence over your life this year. There will be new work and new interests. Nov. & - Wear dark red, it is your lucky color. You are facing a good year, one of your lucky years. Take advantage of all op-

Nov. 7 - The Topaz is your lucky stone. Love affairs are not likely to run smooth for you but there is great happiness through children. Be a fighter and prepared to take risks. Nov. 8 - Scorpio is dominant in you - take hold of your courage and the gifts that are yours through your fortunate birthdate.

Your great courage and ability to fight will bring you success in life if properly used. Nov. 9 — Guard against being too critical and outspoken, and you will make many friends who will help you. Use your attractive personality to win friends then let them help you. There is real

progress and happiness in store. Nov. 10 — This will be a brilliant year for social and love matters and much happiness is shown. There is a holiday for you by or

Nov. 14 — December will be a prosperous month for you. You will have a busy time as the result of some new enterprise you will be interested in.

For Your Complete, Personal Horoscope, send 10c (coin preferred) to A. R. Weir, 73 Adelaide St. W., Toronto, Ont. Please print your name, address and birth date plainly.

Around The Dial

RADIO HEADLINERS OF THE WEEK

formance by writing to the studio for tickets.

Last Tuesday saw the beginning of a new program with everybody's favorite, Vincent Boyd. Co-starring with him is Louise Robertson, the girl friend of the air. The program is heard from 7.45 to 8 over CFRB. If you like sparkling songs and some classy ivory massaging, tune in to

Last Wednesday, Percy Pasternak played popular favorites from Tin Pan Alley on his CBC program, Canadian Capers.... Horace Heidt and his famous Brigadiers will heard on November 6th at 11 p.m. over CRCT and CBC net.

A Program's Background

In order to make our column Here is a little-known fact about little out of the ordinary, we shall NBC's Lowell Thomas: It seems as | endeavor to give you a little insight | ment. Next week we'll try to give if the broadcaster is an adopted of what happens in the background you the life of a radio production brave of the Mohawks. The English of a radio program. Each week we ! man. translation of his Indian name is | shall try to describe a different per-"Hot Coal." Maybe it's because his son who is responsible for the radio newscasts have always been hot entertainment you hear, and about whom you never hear. Today we shall give you a brief summary of Fight fans, take note! Sixteen | the headaches of one of radio's superworld title fights to be exclusive on salesmen. Allan MacTaggart, of NBC. These broadcasts can be heard | Grow and Pitcher Broadcasting Agencies, commonly called by all friends and enemies, Buster. Cute, don't you think? His history is one of daring. Bus. has been in and out of radio for some ten years, and is widely recognized as a merchandising brain and a creator of advertis-

A couple more new programs have hit the air in the past week. Stan. Walker, furriers, present Musings and Melody, 5.15 every Sunday, over CKCL the Sterling Laundry presents dramatizations, Mondays and Tuesdays, at 9.55 a.m., also over

Empire air-liners now in use weight nineteen tons and carry thirty passen-

mm 100 mild) CIGARETTE TOBACCO mmmm FINE QUALITY-FULL PACKAGE-POPULAR PRICE

PACKAGES 10 - TINS 25¢

Earthquake Belt Becoming Smaller

Tremblor Zones Shrink As Earth Grows Older

The world's earthquake belt is becoming smaller, according to Dr. Franz X. Schaffer, famous European geologist, who is telling California universities all about tremblors this

year. In fact, according to Dr. Schaffer, there now remain only two great carthquake zones, of which California has one, while Japan and nearby lands as far down as New Zealand have the other. That is why these two sections of the world have had the major earthquake shocks in recent years.

Dr. Schaffer explained that earthqualtes are due to "faults" in the carth's structure and the rest of his explanations would prove exceed ngly interesting if it were not for the fact that the study of earthquake zones involves technical terms which are difficult for the layman to visual-

Faults Slowly D'sappear

In any event, he explained that it is something like this. The disappearance of the earthquake zones and faults in the earth's surface is due to gradual geologic change that is going on at all times.

Moveable zones are located between the s'al blocks or "pelagogenes" which form the deeper shell of the earth's crust, an' the sima blocks or "operiogenes", which have been given the name "crogenes" and are composed of sediments miles in thickness.

For acons of time these sedimentary zones have become welded or folded into the continental masses, enlarging and reducing the zones until only two now remain.

Within these two remaining orogenes, nearly all of the earthquake faults are located. Generally these faults are between the 40th parallels, northern and southern latitude.

Moveable Zones Disappearing The great catastrophic earthquake of historic times occurred for the most part where the moveable zones cut these parallels in California. Japan, Cook Straits, and New Zealand or where both moveable zones run more or less close to each other in Southern Europe and Southwestern

Dr. Schaffer offers some solace in the fact that as the earth grows older, although it seems to take centuries for it to gather a little age. the moveable zones and the possibility of earthquakes gradually are disappearing.

Cancer Research Institute Mooted

A new cancer institute bringing together several internationally known scientists was announced on the eve of the 27th annual clinical congress of the American College of Surgeons.

Dr. Max Cutler, director of the Tumor Clinic of Michael Reese Hospital, said the new organization, incorporated not for profit as the Chicago Tumor Institute, would begin functioning about March 1.

Associated with Dr. Cutler in directing the institute will be Dr. Ludvig Hektoen, direltor of the John Mc-Cormick Institute for Infectious Diseases, president; Dr. Arthur H. Compton, Nobel Prize winner of physics and University of Chicago physicist, vice-president; Dr. Henri Coutard of the Curie Institute, Paris, and Sir George Lenthal Cheatle of London.

Dr. Cutler said the institute's purpose was "to conduct research on the causes, diagnosis and treatment of cancer, and to instruct and assist physicians, surgeons, clinics and hospitals in the diagnosis and treatment of cancer."

Canada Excellent Investment Field

Predicting that Canada would be one of the most important places for future investment of British capital. Edgar Lee, general manager of a firm of chemical manufacturers, told a gathering of business men at Leeds, Yorkshire, how to drum up Canadian trade.

He recently completed a tour of Canada and had been impressed by the intense leaning to Great Britain by Canadians who "are ready to do whatever they can to foster trade with the Mother Country."

Canadian business men were keen. he said. They expected salesmen from England to be equipped with technical knowledge of their wares, "an enormous" amount of typed literature and good letters of introduction. Mr. Lee also urged a general understanding of the physical aspects of Canada.

"I found out there that almost every business man knew the intimate affairs of almost every other business man in the same trade, even so far as 100 miles away." he declared. "One had to be very d'screet not to let some hint or remark escape from one's lips about one's interviews with their business andfi interviews with other business men."