Dr. Says Sun Dangerous To

If you are, keep out of the bright Don't try to get fanned; heliophobes don't tan.

They burn! makes them ill.

Vlen

And excessive sunburn These facts are set forth by Dr Charles F. Pabst, chief dermatologist of the Greenpoint Hospital, Brooklyn, New York, in a pamphlet reprinted from The Medical Mentor (New York). Dr. Pabst sets forth his arguments in narrative form, substantially as fol-

"'Good morning, doctor!' exclaimed the beautiful Miss Beach with an air of suppressed excitement, 'Am I a 'Please be seated and I shall try to find out, replied Dr. Shore-

"'A heliophobe,' explained the doctor, 'is an individual who is morbidly place of man," Professor Pond said, "is place o rays, and whose skin will redden, blister, and burn, but never tan. A! heliophobe should not try to become a bronze Venus or Adonis. I realize that sun tan has become quite fashion- found. Stone tools characteristic of used by prehistoric man. able, and is the goal of thousands of vacationists, yet constant danger oldest evidence of man's ability to lurks in the sun. Serious illness, and make tools, are found in South Africa even death, has often followed injudic-

'Every year 200,000 working days are lost because of illness due to sun are counted by hundreds. All this burn, which represents an annual loss must indicate a tremendous prehisof \$1,400,000. In the majority of cases toric population which, taken with the sunburn is deliberately and intentionally acquired."

Shoreham carefully examined the texture of his patient's skin. It was smooth, soft and clear, but a trifle whiter than the average. She had blue eyes, and natural blond hair. 'You are a Nordic,' announced the doctor, 'and the majority of Nordics are

coat of tan, but never succeeded, in burn there are several remedies which terrupted the fair patient. 'That settles it,' Dr. Shoreham replied, 'you are a heliophobe. You should project your- equal parts of linseed oil and lime. Newton many years ago for the diviin those months the rays of the sun during June, July, and August, because are very rich in ultra-violet light, not advisable to attempt self-treat falling raindrops responsible for the catch-phrases that advertise Canadian M. with a value of \$32,000,000. This ultra violet light is most intense, This ultraviolet light is most intense the which will prove beneficial to white subject the full series of spectrum Marketing Board in popularizing Canseparated because of the comparative sunburn, protest yourself from the sunlight between these hours. If one is not a heliophobe, the safest way to obtain sun tan is to begin with a fiveminute exposure before 10 a.m. and increase the time of exposure ten min- pose yourself, as every new exposure and cancelling of the colors. Two or vertising was needed to sell apples, utes a day. At the end of ten days a light tan is achieved, without any burning of the skin, and one may now indulge in longer exposures.

"'After an individual has acquired a deep coat of tan, is it safe to expose the tanned portions of the body to the sunlight for long sessions?" inquired Miss Beach. 'Quite safe,' assured the doctor. Protection is afforded by the pigment called melanin,
In the deenest lavage of the content of the doctor. "Good-by doctor." in the deepest layers of the skin cells. The deep cells actually have the power to manufacture additional pigment, and that is exactly what occurs when you acquire a sun tan. In a heliophobe, the skin cells lack this ability.

"'Nature has given the Negro a dark skin in order to protect him from the strong ultra-violet light of the tropics. The blond, white-skinned races in the north do not require this heavy pigmentation.

paint. Sometimes the pigment is unevenly manufactured, and collects in "spots" called "freckles." The skin cells between the freckles are unable to produce the melanin, which imparts the color to the freckles. This explains why it is so difficult to remove freckles.

"Recent tests and experiments have been conducted in an effort to protect the skin of one who can not tan from the harmful effects of strong sunlight. A blucosid called esculin has been extracted from the bark of the horse chestnut, and when applied to the skin before exposure to the sun, affords considerable protection.

"'It is not the heat of the sun that produces sunburn, but the ultra-violet rays, explained Dr. Shoreham. One should consider ultra-violet light sunburn. similar to a drug or chemical—say quinine, for example. A small dose is usually beneficial, but a large dose may cause great damage, such as inflammation of the optic nerve and blindness; and there are some individuals who can not take even a small dose without harmful effects.

"'It must be dangerous to expose a baby to direct sunlight during the summer months, commented Miss Beach. 'Very dangerous,' replied the doctor! the skin of a baby or young child is more susceptible to the rays of the sun than is that of an adult, other things being equal, because the young organism has not yet learned how to protect itself, and the skin cells are unable to manufacture pigment quickly enough to shield it from the ultaviolet light. One should always bear in mind,' pointed out the doctor, 'that sunstroke, sunburn, and sun tan are three entirely different conditions resulting from overexposure to the sun's ravs.

"'Is sunburn ever fatel?' asked Miss

Beach. "If one-half or more of the body surface is sunburnt, serious internal complications, and even death, may result, warned the doctor. 'If a sunburn is severe enough to cause the formation of blisters, there is danger of infection through the broken skin, and all such cases should receive the attention of a physician. Thousands of persons are severely sunburnt at bathing beaches. It is a great mistake to sit in the strong sunlight when the body is wet, as the small drops of water act as tiny magnifying lenses.' them by our care-or our neglect."-"Why is it, doctor, that whenever Benito Mussolini.

Prehistoric Man's Original Home Declared to Have Been in Africa

Reloit, Wis.—The theory that "some | somewhere in Africa a centre of diswhere in Africa will be found the persal will be discovered." centre of dispersal of the human species," is held to by Prof Alonzo W. Pond, of Logan Museum, at Beloit College here, as the result of evidence collected during the last five years on archaeological expeditions sponsored by Dr. Frank G. Logan of Chicago,

vice president o fthe Chicago Art In-Stitute and founder of Logan Museum. Professor Pond recently returned from his 1930 expedition, on which he was accompanied by 14 students of Beloit College, University of Wisconsin, University of Minnestota and Northwestern University. Results were accomplished which would have taken 10 years by systems formerly used, and at a cost of but three times that of previous expeditions, he said.

"The most convincing proof that tools found on the continent. Nowhere in the world are such tremendous the Chellean and Acheulian cultures, by the carload. Later cultures are even death, has often followed injudic-lous exposure to the sun's rays during, also found in tremendous quantities the summer months. occupied by men of the old stone age

> other evidence, is strong proof that seem. hat?' 'It is because the water reflects the ultra-violet rays of the sun, and these are responsible for the sunburn,' answered Dr. Shoreham.

"When sunburn is of the first degree, it simply causes a redness of the skin, without blister formation, said "'I have often tried to acquire a the doctor. For this mild type of sunflamed skin. If a burn is of the second duced when a heam of white light is degree, blisters are formed, and it is broken up by a glass prism. The The Red Maple Leaf," and the other is approximately-1,180,000,000 feet B. flamed skin. If a burn is of the second duced when a heam of white light is ment. I have formulated a set of five rainbow ought, in theory, to break up apples in Great Britain has supple.

The long, tough, almost colorless mented the good work of the Empire fibres of white spruce may be easily

means à new burn.

direct rays of the sun. "4. When fishing or sailing remem-

violet light, which may burn you. "5. During June, July, and August, protect yourself from the direct rays of the sun, as a severe case of sunburn

Extreme Sunburn

Washington,-Extreme sunburn, in estigators of the Public Service warn should be avoided just as much as the benefits of exposure to sunlight should be sought. Prolonged or sudsuggest a remedy which can be made superior to rice and starch.") easily at home.

"Take one-half pint of hot water and Belinda, my dear, your complexion stir into a level tablespoonful of Has not been correctly bestowedboric acid powder; then add twenty I cannot escape the reflection drops of carbolic acid and shake well. The solution should be dabbed on the inflamed skin with a small piece of cotton or sprayed on with an atomizer. My dear, are you diatomaceous, It should not be rubbed into the skin. It can be applied every half hour, if necessary. If no medicine is avail- I beg you, in point of aesthetics able, cold compresses will give relief to badly burned areas."

For giving sun baths to children who receive even greater benefits than If the subsoil is freckled or sandy adults from sunlight, the following suggestions are made:

"Exposure to the sun must be gradual or else the child may receive

'At first give the baby direct sun light for about ten minutes; increase this bath from three to five minutes daily until he receives exposure one hour in the morning and one hour in the afternoon. This will yary, depending on how the skin reacts to the exposure.

"Be sure that the exposure is carried on in some spot sheltered from the wind.

"Sun baths may be given on inclosed porches or in the house, provided, the sun can shine on the child unobstructed by glass.

"Certain special kinds of glass have been devised which permit the pas- fretful; feverish. His little gums are sage of the majority of the beneficial rays of the sun. Such glass may be tion colic and sometimes convulsions used if desired."

Adults, it was suggested, might profitably observe similar precautions.

Cooking, Hints Soak fish for a short time before cooking in strong salted water to take

away that "muddy" aste. When you need bread crumbs in a hurry out the soft part from a stale medicine dealers or by mail at 25 loaf, tie it in a clean cheesecloth or cents a box from The Dr. Williams' muslin bag and gently rub between Medicine Co., Brockville, Ont. the hands until the bread is crushed, If you have no cherry pitter, use a steel pen-just stick the pen point into the holder and scoop out pits with the other end.

Minard's Liniment removes Warts:

"Our children are what we

Professor Pond has formulated the theory that prehistoric man crossed the Sahara thousands of years ago and on reaching the Sahara Atlas or northern boundary, moved eastward and westward until he came to passes openings in this range which led the high plateau of northern Africa, which was a land favorable to his de-

"There are at present certain dry ver valleys and chains of oases hich undoubtedly were very fertile eas thousands of years ago. These reas were followed by prehistoric man in his migration across the Saara for it is near these present oases d river valleys that prehistoric one tools are collected. It is not re hypothesis to say that these river lleys and chains of cases were more rtile in prehistoric times."

The expedition this year thoroughly the unlimited quantities of prehistoric to be 25,000 years old, sifting an averexplored four habitation sites declared age of 2440 feet of prehistoric ashes er day. Of-360,000 fragments of flint quantities of prehistoric stone tools found, 36,000 showed they had been 'No implements of warlike nature

were found. This would indicate that hese ancient, inhabitants of the high ol leau of North Africa were peaceful nomad hunters, who lived largely snails and such animals as they ould catch with snares." All the material collected is divided equally between the Government Mu-

seem at Algiers and the Logan Muonally acquired. "Picking up a magnifying lens, Dr. I go boating, I am always painfully Rainbows Do Not Have Seven Colors

Rainbows ought to contain seven whether anyone ever saw all of them. The division into seven colors; red, sion of colors in the spectrum pro- years.

"1. Acquire a coat of tan if pos- that some of them cancel each other, prising retail shops in Great Britain wide distribution, it has become the sible, by means of short exposures. It may happen that the central part displayed the crimson Maple Leaf leading Canadian pulpwood. Some "2. If your skin will not tan, you of the arched rainbow strip is almost sign that meant Canadian applet 3,439,651 cords, with a value of \$43, are a heliophobe, and should not ex- colorless because of this overlapping were for sale. But more than admore rainbows may be formed side the Fruit Commissioner recalled. "3. Do not sleep on the beach in the by side, may overlap, and thus destroy Mr. Smith quoted the words of a still further the theoretical perfection Scandinavian apple buyer. "We eat ada. The total value of the cut of of seven colors. Another cause of apples with our eyes." There was a ber that the water reflects the ultra- rainbow imperfection is that colors great truth in it, he said, a truth that near the blue end of the spectrum could not be too much impressed on 296,384. This amounts to approxifrequently are faint in the bows, so growers, packers and shippers of that the ordinary eye misses them al- Canadian apples. Color and quality together or fails to separate the blue, were the essentials of a good selling indigo and violet as different tints. Most actual rainbows impress the eye and quality to make him come back "Good-by, doctor, and thank you for of the ordinary observer as consist for more. sometimes with the addition of a rather faint and indefinite bluish

It would be interesting to whether anybody ever has ob-Should Be Avoided served a full, periest rameon by physical theory.

The Peat Reek

(The British Pharmaceutical Conference at Cardiff has just been informed "Under the microscope, continued den exposure may be injurion, where the doctor the pigment in the skin cells looks like tiny particles of brown reasonable exposure, highly beneficial.

For coassists For cases of excessive sundurn they cosmetic preparations, will be "far

That somehow, you're not a la mode You may think my query ungracious, But really you need some advice-

Or merely well powdered with rice? To keep yourself bang up-to-date; Avoid the old-fashioned cosmetics Affected by females of late.

You need a top-dressing of peat-

O do keep a bucketful handy And dive in it daily, my sweet! O look upon peat as your passion, Apply it for all you are worth! For cheeks that are truly in fashion Rely upon kind Mother Earth!

Starch stifles and rice overreaches, . Their day is now over and past: But Perkins' Pink Pcat for Pale Peaches

Will purchase perfection at last! -Manchester Guardian

Is Baby Teething?

Testhing time is a time of worry to mothers. The baby is nervous; swollen and sore; diarrhoea, constipain neither baby nor mother can

These troubles can be quickly banished, however, through the use of Baby's Own Tablets, concerning which | With Mrs Louis Grubb, Teeswater, Ont., says:—"I have used the Tablets for all my babies while teething and have found them a splendid medicine."

Baby's Own Tablets are sold by all

Courage Courage, activity and earnest perseverance are indeed the secret of all success. No good endeavor strenuously persisted in will fail; it must succeed at last. Powers of even the most mediocre kind, if energetically employ, ed, will effect much,

Minard's Liniment for Neuralgia.

Gazetted Commander



ptain R. W. McMurray, for the five years marine superintendent the rank of commander R.N.R. Has one-third of the total spruce timber new rank is equivalent to that of standing igadier-general in the army. He

Quality of Apples Essential to Trade

you advertise and get people to ask for Canadian apples, and then as butter boxes. when they ask for them they are

absolutely detrimental." of J. Forsyth Smith Overseas Fruit city of white pine. It is used in great-Trade Commissioner for the Governest quantities by the manufacturers of colors but it is doubtful, say weather ment of Canada, when he was coh-building materials. Large quantities

will afford relief. The application of orange, yellow, green, blue, indigo and he has watched over the interests of in millwork of all kinds. Up to 1926 violet; is that proposed by Sir Issac Canadian apple shippers in Great's spruce manked first in the amount of

of sunburn, and helpful to those who colors. In actual fact, however, the adian apples, Mr. Smith said, 'At ly non-resinous nature of the wood. desire the fashionable sun tan:

| Colors often overlap in rainbows, so | present 20,000 of the most enter- For this reason and because of its

apple; color to catch the buyer's eye,

Agony of Neuritis

A Story of Intense Suffering and Relief.

"Do I recommend Dr. Williams' Pink You may believe I do," says Mr. John H. Jamieson, of Wallace one of our most valuable trees and burg Ont.

"For five years I suffered day and rible I lost control of my arm and wasteful cutting. shoulder and my hand became shriveled. Nothing helped me till I began taking Dr. Williams' Pink Pills. Even then the improvement was slow and I took ten poxes before I was on the If the wind begins to scold, way to recovery. After that, though, relief was rapid. My hand gradually filled out; the pain left me and I could sleen in peace. That was two years ago and I have not had a twinge of

the trouble since." Sufferers from neuritis, neuralgia or rheumatism should try the common sense method of banishing these troubles by enriching the blood and strengthening the nerves with Dr. Williams' Pink Pills. These Pills are sold by all medicine dealers or by mail at 50 cents a box from The Dr. Williams' Medicine Co., Brockville,

Hope Evermore, and Believe evermore and believe, O man! for, e'en as thy thought,

So are the things that thou seest, e'en as thy hope and belief. Cowardly art thou, and timid They rise to provide thee against

them. Hast thou courage? Enough! See them exulting to yield.

Go from the east to the west, as the sun and the stars direct thee; th the girdle of man, go and encompass the earth, or the gain of the gold, for the getting, the hoarding, the hav

or the joy of the deed, but for the duty to do. Go with the spiritual life, the higher volition and action

the great girdle of God, go and encompass the earth. Go with the sun and the stars, and yet

evermore in thy spirit Say to thyself: It is good; yet is there better than it. hat I see is not all, and this that do is but little;

theless it is good, though there is better than it. -Arthur Hugh Clough Blisters - Minard's Liniment.

"Those who think that by giving away something they can gain goodpsychology."—Rear Admiral H. A. Wylle. will are actuated by a false view of

White Spruce Leading Our Commercial Trees



White spruce is the most important as well as one of the most widely dist.ibuted commercial tree species in Canada. It is found from the Maritime Provinces to British Columbia, and as far north as the mouth of the Mack enzie river within twenty miles of the Arctic ocean. It is one of the most northerly growing of Canadian trees The white spruce is one of five native of the Canadian Pacific's British Col. spruces. It is estimated by the Forest umbia Coast Steamship service, sta-tioned at Vancouver, and prior to terior that the total spruce stand, all that a commander with the Canadian species, in Canada is about 60,000, Pacific trans-Atlantic fleet, has been gazetted in the London Times of July 35 per cent. of the total softwood stand. The estimate of white spruce 14 as a captain in the Royal Naval stand. The estimate of white spruce Reserve, having been promoted from is about 20,000,000,000 cubic feet, or

Species

died the Royal Naval Reserve as a of the strongest of Canadian woods. It nidshipman in 1904 and saw war ser. is stronger than woods approximately lce on H.M.S. Victorian and on tor its own weight, such as the white pine pedo boats and destroyers, being men. and it possesses nearly the same relationed in despatches for his work on tive strength, weight for weight, as has a fine, even grain, works easily In color the wood is white, odorless manufacture of food containers, such

245,062, were used in manufacture of paper pulp in Canadian mills in 1928. spruce lumber and pulpwood in 1928.

value resulting from forest products. with red and black soruce, tamarack, irch and poplar. It makes its under favorable conditions, particu-

it in the forest, growing on rocky slopes, and on borders of lakes and streams. It reproduces itself well larly where the soil conditions are such that the seed can readily come in contact with it, and where the overhead shading is not too intense. It is well worth any efforts we make to maintain it in our forests by protecnight from neuritis. The agony was ter- tion from fire, insects, decay, and

Laugh It'Off

If the weather's bleak and cold, Laugh it off!

Let it blow away your fear. Smooth your frowns, dry your tears, Put your faith in smiles and cheers Laugh it off!

If friends say that you look ill. Laugh it off! Should they urge a harmless pill, Laugh it off! Doctors, druggists and disease Like to do just as they please;

Laugh it off! If life seems to go all wrong, Laugh it off! Drown your worry in a song, Laugh it off!

Do your work with smiing face, Look ahead and keep the pace, Be a winner in the race, Laugh it off!

"We have discarded God for Mammon—the God of Gold."—Canon Donaldson.

Most Important and Most Widely Distributed of Dominion's Commercial

For its weight, white spruce is one the Douglas fir, one of the heaviest and strongest of Canada's woods. It under tools, is not prone to split, and has exceptional nail-holding qualities. nd comparatively non-resinous, qualities which make it valuable for the

White spruce probably forms the shown scrubby, inferior fruit, that is greater part of the spruce lumber on the market, and its use has increased Words of wisdom fell from the lips in recent years with the growing scarexperts of the Taylor Instrument sulted on the future of Canada's apare used for siding, flooring, and roof canada's apare used for siding, flooring, and roof sheathing, as well as for the manusheathing, as well as for he manu-Mr. Smith speaks whereof he knows facture of sash, door, and house trim-when he talks of selling apples, for mings. It is one of the leading woods

Spruce comprises from 65 to 75 per

(latest figures available), was \$71,mately 35 per cent. of the estimated The white spruce in our forests occurs in pure stands, but is often mixed growth on well-drained, moist, gravelly soil, but is not exacting, for we find

You can save their costly fees,

-Grenville Kleiser Have Minard's Liniment on your shelf

ast boop for wand findle or bus best

TWO QUALITIES -- A

Animals Grossly Libelled by Huma

To attribute to animals all the qualities of human nature has een one of our human customs. "Cross as a bear;" "deceitful cat;" "greedy as a pig;" "stubbor a mule," have long been compari on our lips. We might just as say that a faithful wolf mate was 'unfaithful as a man;", that a genere as a miser;" that a good-natured had acted as "spiteful as a jealous man;" or that a horse mui become "stubborn as a fanatic;" that an mal mother had become as "ruthis

as a wild-cat stock salesman." Dean Inge says on the subject Why do we persist in likening and disagreeable people to animp who do not possess their undesiral

Timely Hinto

Always drain boiled vegetable soon as they are tender. ... allow to stand undrained after booking the become a saggy mass. Save the drained off for soup stock. Light a birthday cake with a starting with the middle candles fire and those on the outside later.

For a quick, effective polish, rul. in niture the same way as the grain. When jelly refuses to jell do no turn it back into the pan to cook again. Instead, fill a large dripping pan half full of water and set your un disturbed glasses of jelly in it, not close anough to touch Put the pan in a hot oven and let them bake until sufficient ly jellied. It generally takes about hree-quarters of an hour to accome

"There is nothing in the which will so dividual as a custard pie, proper placed."-Mack Sennett.

The Handy Bottle

Minard's is the sure relief in the Handy Bottle. For strains, burns; bruises, boils and blisters.



HER FAT IS MELTING FAST AWAY

All over the world Kruschen Salts is appealing to girls and women who strive for an attractive, free-from-fat figure that cannot fat to win admira-Here's the recipe that banishes fat and brings into blossom all the natural

attractiveness , that every woman Every morning take one-half teaspoon of Kruschen Salts in a glass of hot water before breakfast. Be sure and do this every morning-for "It's the daily dose that takes off the fat." Don't miss a morning.

Kruschen daily means that every particle of poisonous waste matter and harmful acids and gases are expelled from the system.

At the same time the stomach, liver, kidneys and bowels are toned up and the (pure, fresh blood containing Nature's six life-giving salts is carried to every organ, gland, nerve and fibre of the body, and this is followed by "that Kruschen feeling" of energetic health and activity that is reflected in bright eyes, clear skin, cheerful vivacity and charming figure.



Milk of Magnesia in water. That is minutes. an alkali, effective, yet harmless. It has been the standard antacid for 50 the best way yet evolved in all the years of searching. That is Phil. years among physicians everywhere. lips' Milk of Magnesia.
One spoonful will neutralize at once Be sure to get the senuine Philips. many times its volume in acid. It is Milk of Magnesia prescribed by physi-

Just a tasteless dose of Phillips' departs. You are happy again in fiv-

the right way, the quick, pleasant and clans for 50 years in correcting excess efficient way to kill the excess acid. The stomach becomes sweet, the pain from—any drugstore.

hee a hot cup.

solven people

scalter bro at suler a noden julaise ous. took wand an en teem pul

BEL & ORANGE PEKOE

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wild west tales."-King Vidor.

"When all other types of stories are

out of fashion, we'll still have the

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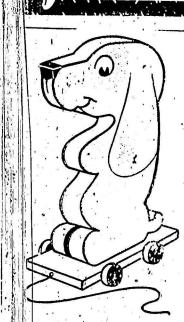
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in the war against the fly, carrier, of germs and breeder of disease. "It is proven that AEROXON is one of the most convenient and most efficient means of combating that the convenient, because

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ains a mother cannot pat away. Put re's quick comfort in Castorial For diarrhea, and other infantile give this pure wegetable prepara-Whenever coated tongues tell hstipation; whenever there's any of sluggishness. Castoria has a taste; children love to take it. the genuine-with Chas. 11. dher's signature on wrapper.

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Recommends Lydia E. Pinkham's, Vegetable Compound



seven bottles 6 the Vegetabli pound and felt like a new wom dommend it to any woman who is age when she needs building up. Ins. T. E. S. ZEMAN, R.R. 4, Cobourg

ISSUE No. 35-30