

## Ban On Big Bingo Games Unpopular In Cape Breton

SYDNEY (CP)—Reports from Ottawa that there may be a virtual outlawing of large bingo games have not been well received in Cape Breton.

On Cape Breton Island, bingo is an indoor and outdoor sport featuring large prizes and drawing crowds. In fact its "national sport".

Recently more than 3,700 fans attended a game under the stars. Now bingo fans are wondering whether this new threat from Ottawa will prove fatal to their sport.

derman proposed a bingo ban and was left standing alone on the issue.

### QUEBEC FIRE COSTLY

SHERBROOKE, Que. (CP)—A short-lived forest fire in the Brompton lake region, about 12 miles west of this Eastern Townships city, Thursday destroyed about 75,000 feet of cut wood. The blaze, which covered an area of about 1 1/2 square miles, was brought under control by Sherbrooke firemen aided by volunteers.

## RELIGION AND LIFE

By Very Rev. George C. Pidgeon, D.D., LL.D.  
First Moderator of the United Church of Canada

Dr. James Stalker, the famous Scottish preacher and author, was once invited to address a group of students in an American university. "What subject would you like me to discuss?" he inquired. "Temptation," was the answer.

### Coming Events

- Note change in dance night Crapaud Rink.
- Dance Sinnott Road School August 6th. Good Music.
- Dance in Vernon River Hall Tuesday, August 7.
- Annual lobster supper, St. Mark's Parish, Lot 7, August 14.
- Dance Iona East School every Monday nights. God Music.
- Barn dance at Cliff Peters, Rollo Bay, Monday, August 6.
- Chicken supper Iona August 8th Supper 6 to 9. Dance after.
- Reserve August 29, Parish supper, games, etc. Tracadie Hall.
- Ice cream festival Wheatley River Hall Aug. 9 in aid of hall.
- Regular Dance Bonshaw Inn, Tuesday nights. Burns Orchestra.
- Reserve August 29, Parish supper, games, etc. Tracadie Hall.
- Lot 8 parish picnic at West Point wharf, Tuesday, August 21.
- Dance St. Peter's Holy Name Hall, Tuesday night. MacEwen's Orchestra.
- Regular weekly dance, St. Mary's Hall, Souris, Wednesday, August 8, Cliff Peters Orchestra.
- Annual Lobster Supper, St. Mark's Parish, Lot 7, Tuesday August 21st.
- Farmers! Buying and cleaning Timothy Seed. W. H. Burns, Malpeque.
- Regular dance Crapaud Rink, Wednesday night, 9:30-12:30 Burns Orchestra.
- Chicken Supper, Bazaar and Dance, South Rustico, Wednesday, August 8th.
- Dance Mt. Stewart Memorial Hall, Tuesday night. Rollie MacKenzie's Orchestra.
- Care Old Sydney and Albion coal to arrive. Please book. J. F. Morris, Kinkora.
- Now buying and cleaning Timothy seed daily. Highest price. McGuigan and Boyle Ltd.
- St. Teresa's Picnic, Aug. 8th Turkey and ham supper, 4:30 p. m. till 9 p. m. Dance 9 to 12.
- Sherbrooke W.I. are holding an ice cream social in Sherbrooke Hall, Tuesday night, August 7.

## NEWSY NOTES

By J. A. Clark, D.Sc.

tunities from without fan them into a flame, moral character is tested to the utmost. And the development of character depends on bringing them into subjection. St. James considers every temptation an opportunity. It is like the exercises put before the athlete in training—the means of cultivating one's moral and spiritual powers.

So he writes: "Blessed is the man who endures temptation for when he is tried, he shall receive the crown of life, which the Lord has promised to them that love Him."

In another connection he explains why. "My brethren, count it all joy when you fall into divers temptations, knowing this that the trying of your faith works patience. But let patience have her perfect work, that you may be perfect and entire, wanting nothing."

"Patience" here means the masculine fortitude that bears up under trial, refusing to be daunted or turned aside by the difficulties in the way of the suffering that fidelity involves. Just as the athlete's strength is built up by the exercises required of him, and his endurance and skill developed there-by, so the person who overcomes temptation cultivates the strength and skill required for all that Christ expects from him.

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"He was tempted in all points like we are yet without sin," the writer to the Hebrews assures us. It is only the One who conquered the tempter who knows his full power, for those who yield go down before the last shock. Because Christ understands He can help us from within.

No one can afford to let any evil establish itself in his life. If he does, it will become a festering sore which will not heal and will spread poison through the whole body. It may be an uncontrolled desire. It may be a habit of long standing. Or it may be a young person's wish to know, to try for himself pleasures forbidden.

This was the temptation before which Eve fell with consequences so disastrous to the race. There is always deception in temptation, as in Eve's case; the tempter makes promises which he cannot fulfil.

NEVER THE SAME  
The one tempted is assured that if he tries out the forbidden thing just this once, he will then be able to understand and see clearly the course he ought to follow. But he is never the same after that one fall. The sin has left a mark on him which he cannot erase. He is committed to the evil thing, and may have put himself into the power of another who will compel submission to his evil will.

Such an evil can never be confined; it extends its effects over the whole body. "He is such a fine habit," a friend retorted when the above excuse was made for slavery to drink. "Such a habit invariably leads to other evils, often worse than itself." This was an actual case, and it has been multiplied indefinitely. Now Christ has provided for de-

**SULPHUR**  
Sulphur is one of the most important non-metallic elements in the world. It has an atomic weight of 32.06 and its specific gravity as rolled sulphur is 1.98. Sulphur has a characteristic yellow color and is insoluble in water at ordinary temperatures it is a brittle solid that is tasteless and without odor.

**FORMS OF SULPHUR**  
Sulphur has many forms and also enters into a great many compounds as sulphates, sulphides and acids. Sulphur in the form of crystals may first take the form of needles, "mono-clinic"; this form is only stable at a few degrees of temperature below the melting point. At room temperature it takes the more stable rhombic form, a solid with six equal and similar rhombic faces. When sulphur is heated to a temperature of 230 degrees F. it fuses or melts into a thin yellow liquid. When in closed containers its boiling point is 836 degrees F. and when boiled it yields a deep yellow vapor with a specific gravity of 6.617. When this vapor is cooled by air it forms a fine yellow powder known as "flowers of sulphur."

When sulphur has been boiled and cooled a bit, then heated again almost to the boiling point, a few seconds to cool, it can be molded with the fingers. It is then called "plastic" sulphur. When heated in the air sulphur will ignite at 470 degrees F. and burns with a blue flame as it is converted into sulphurous acid, with its characteristic pungent suffocating fumes, that have been used for disinfection against certain diseases.

Sulphur was dreaded by ancient people, as the principal ingredient of Hell, in the form of burning brimstone. Today it has a very important role in industry. Sulphur will unite with most other elements and with many of these in several different proportions. Both copper and silver will burn in sulphur-vapor and give off both light and heat similar to the burning of zinc-foil or iron wire when placed in oxygen.

Sulphur is very widely distributed throughout the world. It occurs almost pure in regularly formed crystals. It is usually plentiful in volcanic areas. Sicily was and is the chief source of sulphur in Europe. Large quantities of sulphur were recovered from the waste that occurred in the manufacture of soda. Later it was obtained as a by-product in distilling certain petroleum oils.

Large deposits of sulphur were discovered in Louisiana and Texas at depths of about 800 feet. In Louisiana 500 feet of this overburden consisted of a layer of quicksand that prevented several companies from mining it as they were unable to sink shafts down to the sulphur. The Louisiana deposit was found when drilling for oil in 1865. The Union Sulphur Company bought an adjoining property in 1881 and drilled four holes to 2000 feet without locating and sulphur. They, however, bought the original deposits after they had been abandoned as unworkable by other companies because of the layer of quicksand.

A German immigrant chemist, Mr. Herman Frasch, the prime mover in the Union Sulphur Co., drilled a hole down to the sulphur and sank three concentric pipes; the outside one to carry down hot water and steam at a temperature of 335 degrees F. to melt the sulphur, the inner one carried compressed air to force the melted sulphur up the third pipe. This revolutionized the mining of sulphur and Frasch became known as "The Sulphur King." The Frasch method is that used in mining sulphur in Louisiana and Texas. Four pipes are now used, a soil pipe of 10 inches in diameter having been added that goes down outside the others through the quicksand to a solid structure. Inside of it are Frasch's three pipes of 6 inch, 3 and 1 inch. Superheated steam from the 6 inch melts the sulphur in the deposit and the compressed air from the 1 inch forces the liquid to containers on the surface.

**CANADIAN SOURCES**  
Free sulphur has not been found in paying quantities anywhere in Canada. There is, however, a plentiful supply in the form of sulphide ores. When these ores of nickel, copper, silver, gold, lead, zinc and iron are smelted, the sulphur is released as sulphur dioxide in the smelter smoke.

A "flash smelting" process recently introduced in northern Ontario, which uses oxygen instead of air in the process, permits the recovery of the sulphur as liquid sulphur dioxide.

Since most of the sulphur required by industry in Canada is

used by the pulp, a plant for collecting the smelter smoke has been constructed close to the smelters at Copper Cliff in northern Ontario, and connected by a big pipe line that carries the fumes from the smelters. The sulphur is extracted in the form of liquid sulphur dioxide. This material is then transported to the pulp mills by railway tank cars.

**FROM PETROLEUM**  
In 1853, when petroleum was first discovered in North America at Oil Springs, in Ontario, the Canadian crude and kerosene oil when refined, received the nickname "skunk oil." Later, when sulphur-free oil became available from the Pennsylvania oil fields, the Canadian oil industry was threatened with extinction.

It was saved, however, by the above, who in 1884 solved this problem of extracting the sulphur from the Canadian oil and plac-

ing it on a competitive basis with the American oil.

He found that by adding more copper oxide than was necessary to precipitate the sulphur in the petroleum while it was being distilled, both the sulphur and the smell were entirely removed. The copper oxide combined with the sulphur to form copper sulphide, which settled to the bottom of the tank, leaving the oil free from sulphur. He further devised a method of roasting this copper sulphide so that he obtained copper peroxide that could be used over and over again in the oil industry.

Sulphur is essential in North American industry. We are told that sulphuric acid, one of its compounds, is the most commonly used of all industrial acids; and in fact its uses in industry are only exceeded by water. Sulphuric acid is essential in such basic industries as fertilizers, petroleum, rubber, explosives and steel.

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