

# 'Cod's Creation' slated to spark UNB Carni '75'

Now that people are back into their schedules, thoughts of the traditional UNB Winter Carnival are crossing their minds. Down East Daze-Carni '75-is coming in February!

The first event is Cod's Creation, an IVCF concert to be held on Monday, February 3, at 9:00. Sweet Spirit will be providing the entertainment. This will certainly be nice beginning for the fun-filled week to follow.

The big event for Tuesday is the double-feature movie presentation of "Everything You Always Wanted to Know About Sex But Were Afraid To Ask" and "Cops and Robbers". These will start at 7:00 in T102.

The activities for Wednesday night are non-stop. Feast in the East will be at 6:30 in the SUB cafeteria. The food and drink will be well worth the \$2.50 charge. The

torchlight parade will follow at 8:30. The queen will be crowned at 10:00. After that, Maritime Madness (the residence pubs) will begin. The free skating at Buchanan Field will commence at 10:30.

Thursday, the 6th, is ski day at Crabbe. The buses will leave from the SUB. At 8:00 that evening, is a Java Cafe-a coffee house at the STUD. The atmosphere promises to be most enjoyable.



Freddie has been recently engaged as the official mascot of Down East Daze.

movie will be a sell-out. In fact, you can have a "busy" night if you go to the 6:30 showing and then return to the SUB at 9:00 for extravaganza.

An extravaganza ticket will cost you \$3 but this is a real bargain if you consider the bands we have booked. Hi Octane will be in the cafeteria while MasLean and MacLean will get their performance in the blue lounge. Up in the ballroom, Cooper Brothers will be playing. This 6-piece group of very versatile musicians is, without a doubt, professional. Hailing from Ottawa, the Cooper Brothers are climbing up the ladder of success as can be seen from their record sales.

Saturday is cross-country ski day also parade day. The snow sculptures will be judged as well. It's the night of the Port of Entry pub with Liverpool and the Bluenose Ball with the Micheal Chaisson Band.

Sunday is the day for the Dory Drags car rally and the Atlantic Jamboree (folk festival). That evening, there will be Serendipity at Lady Dunn.

To finish up, on Monday, February 10, James Gang and Horse will stage 2 concerts.

EVERYBODY will love Down East Daze!

NOBODY should miss an event!

## Aerosols have them up in arms

By TOM BEST

Is your can of antiperspirant deodorant spray causing harmful pollution to the atmosphere? No one really know according to Dr. Charles Young of the UNB Physics department. Since the matter is so complicated, research is very expensive and a simple easy answer is hard, if not impossible to find.

has been mainly of a quantitative manner i.e. measuring ozone concentrations, etc. The level seems not to have changed since studies were started some 10 to 15 years ago and Freon levels do not appear to be increasing to any great extent. Even in this direction of study, the scientist has many stumbling blocks in his way. The ozone concentration is measured in

with ozone in the manner that freon does. He emphasized that even if laws were passed requiring the use of nitrogen, research would have to be continued to see what effects freon has had on the ozone layer and criticized sensational journalism for trying to create a scare within the general public. "We need to have a cautious alarm... work is needed and more study must be done."

Member of Parliament J. Robert Howie (PC-York-Sunbury) last week called for the government to make an immediate investigation into the effects of aerosol sprays on the atmospheric ozone blanket.

While there are no tested conclusions about the effects, he said, a number of possibilities indicate potential problems.

These include reports there could be a 10 per cent reduction of ozone by 1990 even if use of the propellants is ceased immediately. There have also been proposals the increase in ultra violet energy could lead to more incidents of skin cancer, possible changes in weather patterns and indirectly on the food cycle through the effect on plankton and crops.

Howie's press spokesman, Dave Weizel, said the MP had made no statement about the use of nitrogen propellants. Howie's "no Scientist," he said, "Bob just wants the government to find out what the facts are."

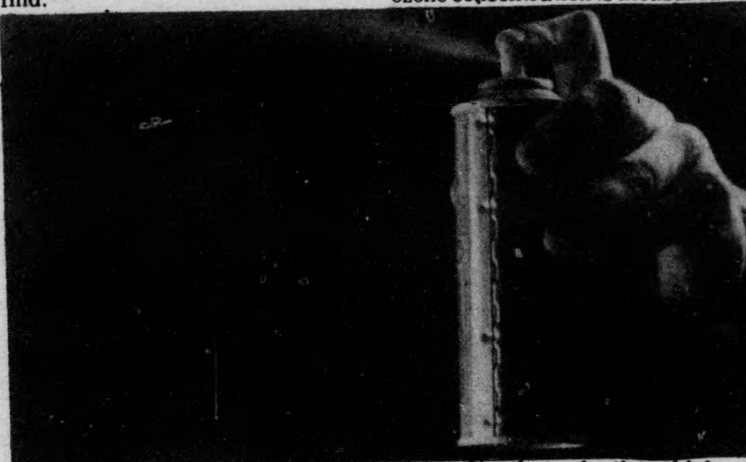


Photo by Mike Carey

The next time you push that button, remember that scientists think you may be causing severe atmospheric disorders.

Dichlorodifluoromethane (CCl<sub>2</sub>F<sub>2</sub>), more commonly known as Freon, is the most commonly used propellant in spray cans. It is relatively easy to manufacture and does not easily react with other substances. This makes it desirable as a propellant because of its inexpensiveness and because it will not interfere with the contents of the can. The can's contents are expelled onto you armpit or wherever by the Freon which then disperses into the atmosphere.

The atmosphere basically consists of two layers: the lower or troposphere and the upper or stratosphere. In the stratosphere is a layer between 10 and 25 km up called the ozone layer. This oxygen-compound layer is important because it blocks out ultra violet radiations which can cause skin cancers in man and can cause damage to plant-life. Here the problem with Freon begins because although Freon is stable under normal conditions, in the presence of ultra violet light in the upper stratosphere it breaks down to give free chlorine (Cl) which in turn reacts with Ozone (O<sub>3</sub>). This combination (ClO) again reacts with ozone to give free oxygen (O<sub>2</sub>) and more free chlorine. The cycle then repeats itself and in this way, the ozone is used up. This is only one theory. Another school of thought feels that the free chlorine reacts with water in the air to give a harmless compound. According to Dr. Young no one can tell for sure which theory is correct or even if some unknown phenomenon occurs. Not enough work has been done on this subject to give any satisfactory results.

Ozone research up to this time

parts per million, while that of Freon is measured in parts per billion. With such small figures, it is difficult to ascertain whether a small increase is detrimental in some way. Other problems include sunspot cycles and their effect on ultra violet radiations, the fact that the ozone layer is so high above the earth and the lack of past records on ozone concentrations. Dr. Young feels that more research should be done concerning the effects of changes in ozone concentration and said that if serious and extensive research were started today and the necessary materials were available, it would take at least four years of hard work to establish any conclusive answers to the various questions.

Dr. Young stated that experiments in measuring the ozone and freon levels were planned for this summer and stressed that research is hard because of the reactivity of ozone. This necessitates the use of expensive solid nickel containers to carry out reactions in the laboratory. He also indicated that not only spray cans were causing harm but also freon leaks in refrigeration units in large freezing operations. Since freon is cheap, a minor leak is often ignored and repairs are delayed. He said that the ratio between the amounts of freon contributed by the two sources is perhaps in the vicinity of one to one.

In reply to a question as to an alternative to freon, Dr. Young said that some spray cans (in the area of 5 to 10 per cent) use nitrogen as a propellant. Nitrogen is also stable but it does not react

Newfie Night will begin at 9:00. This is the pub at McConnell Hall that Terry Dee will provide the music for. Schreechers-the horror movies-will start at midnight in T102.

Don't be surprised if, on Friday, Saturday, or Sunday, you look up and see a parachute jumper in the air. This is another spectacle of Down East Daze.

Freddie's Feekin' Frolics will be on Friday at 1:00. Of course, all Maritimers know that these frolics are games in the snow. But, they aren't regular ol' games in the snow. They promise to be quite comical!

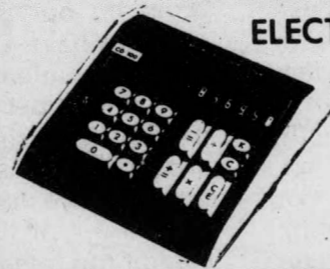
Tilley 102 will again be the point of interest at 6:30 and 8:30 on Friday evening for the 2 showings of "Class of '44". No doubt this

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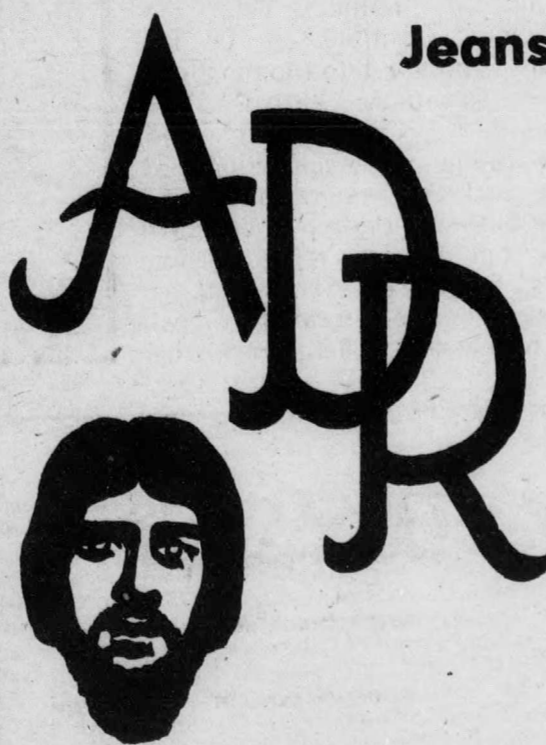
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