More money needed to research alternate controls

large areas of forest is clear cut.

Although there are occasional large forest fires nothing in nature population should force the approximates this wholesale rape of the land. At any rate, the forests begin to regenerate. Although the process is very complex, the essence here is that in a young forest the fastest should we spray with? growing trees dominate at first. When the term 'fastest' is used fastest growing trees are the ones the budworm likes best.

So here we are, New Brunswick 1977 with large stretches of young forests resulting from poor management processes. The upshot of this is that we must spray. Since the forests provide the

basis for the New Brunswick

COLLEGE STUDENTS

economy, the situation we find control insect infestations, and it is construction of several large pulp ourselves in is akin to being in a mills, by the turn of the century, corner that you have painted yourself into.

The real question that the government to address is a twofold one.

Firstly, forest management should take into account more than just profit. Secondly what

As usual greed wins out, and regulation. instead of spending money to here, it means 20 - 50 years. The research the problem, the government took a very shortsighted view of things and decided to spray with chemicals.

Chemicals are cheap. They work after a fashion, but are a stop gap not a solution, but they kill birds, mammals and maybe even the sprayer, man.

now for the Canadian research machine to be given enough money to bring these methods to commercial use.

There is no reason why we cannot spray with a bacteria, or virus specific to the budworm other than it costs more. These methods work better because they are just helping nature out with one of her own methods of

These methods are not just pipe dreams. Ontario has been spraying with a bacteria to control budworm on a forest level for several years.

Certain insects which attack cotton in the USA have been successfully controlled with a

The province of New Brunswick There are lots of other ways to continues to poison its forests,

because it is cheaper to do so than good forest management and biological controls.

As an ultimate form of control, research on sex pheromones of the spruce budworm has indicated that interfering with mating may be the best way to a final end to the problem.

In a release from Environmental Canada, Dr. C.J. Sanders, who investigations.

Sault Ste. Marie says budworm sex attractant . . . may prove to be one of a number of useful tools which used together may result in the long-term regulation of budworm populations." He stresses that research is

required so that premature field

works for the Forestry Centre in

trials which fail do not stop the

Library offers assistance to students with problems

term courses in January or having difficulty with assignments are invited to come to the Reference Dept., Harriet Irving Library, for some guidance in using the library effectively. The best times to come are Monday-Friday 8:30-5:00 and evenings Monday-Thursday 6:30-

Slide/tape programs on a variety of topics are available for use by individuals or small groups. Different programs explain the use of the card catalogue, Psychological Abstracts, Socio-

Students beginning new half- logical Abstracts, book-review sources, and the library as a

> Psychology students should see the slide/tape on Psychological Abstracts which will be shown at hourly intervals 9:30-4:30, Tuesday, January 11 and Wednesday, January 12. Ask for directions at the Information Desk of the

Faculty members may request library instruction for classes by calling the Reference Dept. (local

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1975-76 levels, the per capita A December report by the University of New Brunswick announced expenditures \$249,310 in under-graduate scholarships for the 1976-77 academic The undergraduate scholarship

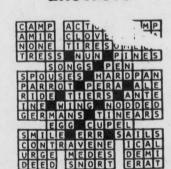
committee's annual report to the university Senate showed that approximately 560 students, 200 entering freshmen and 360 other students, received scholarships and bursaries this year.

The report also indicated that while overall scholarship support cial. dipped slightly this year from

support for students on the Saint John campus increased over last year. UNBSJ averaged 17 percent more per student this year than last in entrance scholarships, and 26 percent more in other undergraduate scholarships.

Thirty percent, or \$75,000, of the scholarship funds were allocated by the UNB Board of Governors. The remainder is supplied by alumni, faculty and donors, both private and commer-

Crossword answers



Nineteen New Brunswick students received Scoudouc River Continuing Education Awards, Canada's first scholarships for part

time students. The awards, in amounts from \$150 to \$300, total \$3.800. They are funded by a bequest from the late William L. Webster of Shediac

and are administered by the University of New Brunswick. Award winners attending UNB

icton residents - Brian Kinney, Elaine L. Campbell, Bonita Delaney, Katherine Higginson, and Murray W. Lambert, Suzane L. Burnham of Florenceville, Theresa E. Chessie of Harvey Station, and Mavis Donovan of Centreville.

One UNB (St. John) student, Clarise Cyr of St. John, won an award. Two Fredericton residents received awards to attend Saint Thomas University - Gaetane (Fredericton) include five Freder- Vautour and Carole J. Watson.

Industrial ed students meet

Nineteen scholarships given

The Industrial Education Club scheduled and refreshments will will meet Tuesday, January 11, at be served. 8:00 p.m. in the education lounge, will be discussed. A film is invited to attend.

The club, in association with the Marshall d'Avray Hall. A slate of Home Economics Club, looks officers will be elected at the forward to many activities this meeting, and further action upon term. All industrial arts and the steering committee's report vocational education students are

who want the challenge and rewards this type of career has to offer, come and see us and open up a whole new world. See your Placement Office or fill in the coupon. CANADA LIFE The Canada Life Assurance Company Education Department The Canada Life Assurance Company 330 University Avenue, Toronto, Ontario M5G 1R8 I am interested in attending an interview for The Canada Life Sales & Marketing Management Program. ADDRESS.

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