obtained, hadn't for-

stics of a year ago.

aily to improve upon

and soon were in a

eplace thousands of

is steel, silk, and rub-

ing millions of pounds

se for powder, bethousands of feet of

ingland, the Pulp and

y lead on into the

of plastic substitutes

ponent parts of elecus, housings for inthetic fibres for tires,

clothing, powder bags

n of fabric shell pack-

replace expensive and

al ones. All sorts of

rials for small arms

gun barrels, ordnance

ed tools, blood plasma

anitary moisture and

backages for food and

lies, and smaller fibre

r chemicals and oil.

us turned back to vital

shells and trucks and

lers for barrack mater-

Floor board, shingles,

ard and such like went new camps. Interior

aircraft cock-pits and

radio trucks and other

"bomb-plets" were

, Navy and Air Force ould give them to make asier, but it certainly is it all this to our common e, isn't it? Yes, our really marching row ght into action with our ne, and they will be

after the war to make more fascnating life; bit and help conserve

he conquered countries the vanquished and deewspapers were able to streets due to the untirthe Pulp and Paper trated booklets were the education of the es and tons of paper ary, but they got it all

our armed forces.

wire insulation. l manufacturers start-

possible.

## Forest Insect Investigations

Friday, February 11th, 1944

ogy to the actual management of Spanish, German), Forestry Camp. tain lookout station and skidded to parent as the scope and seriousness are fire, insects, disease and wind.

Railroad Curves, Organic Chemiterference with long term forest products programs.

Railroad Curves, Organic Chemiterference with long term forest mathematics, Botany, Surveying, a stop. Out of the body of the old days for work that must be done bird tumbled a hulk of a man bundle days for work that must be done are fire, insects, disease and wind.

It is fundamental that losses from the baimy air of an August morn-when the war ends. In Canada, products programs.

In recent years the inroads into our available supply of timber made Mathematics, Economics, Geol- and as he walked toward the hotel by the Spruce Budworm, European ogy, R. R. Drawing, Mechanics, a string of unmusical oaths rent Spruce Sawfly and The Bronze Bird Borer have resulted in frantic pendrology, Forestry Camp.

Spruce Sawfly and The Bronze Forest Mensuration, Silviculture, blank government service blank government service blank government service period of adjustment from war to blank government service.

As one of the most obvious covers appeals by timber and pulp producers to the Science Service for Meteorology, Forest Utilization, equipment." The monologue was this work will soon pay for itself in substantial part of the second state of the second solutions to these problems. Field Topographic Surveying, Wood Techwerkers of the Science Service nology, Forest Protection, Forest roadside below. "Hiya Pole cat", way of life. have foreseen many of these prob- Management, Achounting, Reports. It was the high pitched equeaky lems and certain cases advised industry about them but, the usual immobility of the public to heed a Same as for Forest Engineering. timely warning has been evident by the deaf ears turned to these cro- Mathematics, Botany, Zoology, saders. It has been only after the Surveying, . Organic Chemistry, damage has become widespread Forest Mensuration, Forest Matheand permanent that the shocked matics, Engineering Camp. operators have come to our men

threats to our forest or parts of tematic Botany, Forestry Camp. forests almost invariably call for years of research. This type of Meteorology, Forest Utilization, long term studies often involving Plant Pathology. Forest Manageinvestigation does not lend itself to ment, Wood Technology, Forest sudden demand for solution but, Entomology, Forest Protection, does indicate the necessity of sus- Accounting, Thesis and Reports. tained investigative work. Presently

Members of

the Faculty,

Alumni and Students

Are all Cordially Invited

to make

This Century-Old Institution

Their Banking Home

The Bank of Nova Scotia

Established 1832

Courses of study in Forest Engineering

First Year

Mathematics, Engineering Camp, the baimy air of an August morn-Third Year

Fourth Year

Forest Entomology

First Year

Second Year

looking for quick miracles and in Economics, Geology, Forest Menthis business there are none.

Problems arising from insect Entomology, Plant Anatomy, Sys-

## REUNION

Mathematics, English, Chemistry, A decrepit helicopter of viatage The relation of Forest Entomol- Physics, Drawing, one of (French, 1971 hit the deck of the Todd moun-Mathematics, Botany, Surveying, a stop. Out of the body of the old

voice of "Doe" Forbes who reclined



the forest products industry is just as simple an answer as selective peacefully on the right antler of his portunities for improvement is not beginning to realize the inadequate of the received beginning to realize the inadequacy of the meager organization that the ence between utilized timber and total loss. Simple as it sounds, carry on this vast work. With this realization there arises a demand personnel are at too high a premium for immediate expansion.

Return to the normal should remody this situation.

Too often the Forest Encistens with tongue in check to the increased insect threats and decision and waster to reflect blame on the methods of the past. Exploitation and waster are natural when markets are limited and there is a large surplus of the past. Exploitation and waster are natural when markets are limited and there is a large surplus of the past. Exploitation and waster are natural when markets are limited attention is turned to ways and the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked the shiny bald pate which mocked the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked the shiny bald pate which mocked the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shiny bald pate which mocked them. Polecat didn't need any the shi

how did you know I was heading in to Todd mountain"? "That's easy Mac. I whiled away the time on my way over from Maple Grove by rubbering on the tele, grapevine. The ering on the tele, grapevine. The class check an your stack of the forest. A narrow Modern suppression equipment. boys keep a close check on your geographical position. Mac and it's in code. Come down off your perch and we'll swap stories over a bit of lunch. Mrs. Forbes put up some of your favorifa roughless and we'll swap stories over a bit of lunch. Mrs. Forbes put up some of your favorifa roughless and with a camera way, save, shovels and hoes. on the off chance that we would five miles a minute. meet. Too bad you still have to rustle your own grub Mac.'

and slid to the ground.

The two men shook hands, "Reach well known. in the cold box Mac and bring out hol, yeast, cerdite, rayon, eac. is All plans for forest work during the

a long way in getting industries to and the wider range of subjects. cut the right wood at the right time (Continued on page seven)

## POST WAR **FORESTRY**

Many plans are being made these The four major causes of forest loss ing. He was growling to himself forests and forestry have an important place in these plans. Our and its blankety blank worn out beace-time living. If wisely planned,



dling bush-master. The shoo-fly to reflect biame on the methods of

istens with tongue in check to the listens with to start increased insect threats and derection be satisfied at listens with to start increased insect threats and derection where we have solved the transportation problem. Roads can now be built for a small fraction of their bloody \* \* ? ! ! don't you stay in that crazy house you call a lab. and leave the bush work to us? Say—ardent supporter. Sometimes even listens with the considered for cutting. With the considered for cutting with the carry have solved the transportation of their increased insect threats and derection in the carry have solved the transportation of the form of the problem. Roads can now be built for a small fraction of their increased insect threats and derection in the carry have solved the transportation of the problem. Sometimes and start of the carry have solved the transportation of the problem. For a small fraction of their increased insect threats and derection in the carry have solved

from an aeroplane flying four or

Many new uses for wood have field conditions is an ever recurring been found. New glues and gluing problem and must be prepared for Mackay disappeared into the processes have expanded the field

those two units of spruce beer. It Strangely enough it seems prob- reconstruction period emphasize s after my latest formula' said the able that the greatest difficulty will the need of these roads. Doc as he peeled the cellophane be to find men to plan and supervise In brief, roads will bring fire the work. The number of foresters suppression from the era of the "I parked the jalopy at cabin 8 employed by companies and gov- hore and buggy to the motor age. on the S.W. primary and picked up ernments before the war was small. the Warden's amphibian. Driving Many of these are now in the armed lic heavy losses to our forests have in the tower road to meet you, In- services. Both the companies and resulted from insects and disease. tend to push over to Hovey brook governments would employ many The spruce budwarm epidermic this afternoon. Never saw the traffic more foresters than they did before twenty-five years ago caused a loss so heavy for this time of year. Met the war if the men were available, of over 50,000,000 cords of wood Banstt trucks with mixed veneer If all the foresters in the services which would equal New Brunswick's stock and passed their wood waste come back to their former jobs and average cut of pulpwood for fifty concentrator working in last year the forest schools turn out as many years. At the present time the The bush is full of fishermen and This means that foresters in the birch. there are hikers and tourists around future can pick and choose their. The Dominion Department of Ag-

bottle of spruce beer and was lett- Forestry Association recently sub- for eastern Canada. ing the cool stream trickle down his mitted a brief on Forestry and Re- This survey gives a picture of His reply was conservative, construction in New Brunswick to current insect infestations and pro-Sometimes I think we are getting the New Brunswick Committee on vides the information necessary for shead Doc. We have the fire bug Reconstruction. The expansion of planning control measures icked and with your help we have the U.N.B. Forest School is strongly | The problem of insect control is a fight of it with the insects, recommended. Courses in logging, tremendous and considerable And the people are working with us engineering and construction, util-thought is now being given to the nost of the time. We know a lot ization, forest economics and cost possibility of prevention through nore about the bush now. This accounting, are mentioned. These, better forest management took our fourth periodic with the strengthening of the presentory of forest conditions in ent courses, would allow each stu- in preventing tree diseases and can N.B. covering 30 years of continuous dent forester optional courses and also assist materially in reducing as we have the good will of the a chance to follow his own bent. It Agricultural authority. The picture would be necessary to increase the Satisfactory forest protection re

(Continued on page eight)

Forest Protection

By Dr. J. M. Gibson Forest protection implies the protection of the forest from the agencies that cause damage or loss.

management is possible and to forests provide the ideal oppor- bring about this control organized

> preventing forest fires and second controlling them after they have



While fire losses have not yet

capin still mumbling. He threw his for plywood and laminated wood, ing forest fires when suppression big carcass into the cable seat and shooting chips out of a gun and then crews arrive at the fire while it is with a "hello" to the tower man set A hard finish board can be made by still small. This emphasines the out and tripped the counter weight pressing the pulp into thin sheets. need of accessibility. In many cases The chemical use of wood for alco- to make our forests accessible motor or truck reads must be constructed

cutover. Tom and Bill are making foresters as they can it will still bronze birch borer is causing heavy a pice profit out of that machine, take many years to fill the demand, mortality to our yellow and white

every bead. Mac, times sure have jobs and command better salaries. ricuiture through its Division of changed since we went to school in The New Brunswick Forest Pro- Forest Insects has in addition to an ducts Association and the New intensive study of each insect prob-Mas had jimmied the cap from a Brunswick Section of the Canadian lem maintained an insect survey

is becoming clear. We have come faculty to take care of larger classes quires that losses from the four causes mentioned be reduced to an Other recommendations include insurable risk and this can only be and now our forest is more in bal- the provision of technical training brought about by providing an ade ance with our requirements. Our in forestry, similar to that given at quate staff of trained men with the efficiency in putting wood to work so-called "ranger schools", and the necessary equipment and with the



right to build his ss for himself if he terprise. So it has ur free way of life. nation.

ray, as far as your is brought to this yed by any people

F CANADA