



WOODLOT ADVANCE

Vol. 10 No. 1

GROWING TOGETHER

April 1999

1974 - 1999

S.N.B.
Wood Co-operative
Limited

*25th
Anniversary*

1979 - 1999

S.N.B.
Forest Products
Marketing Board

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LETTERS TO THE EDITOR

The woodlot advance is a free publication to woodlot owners within the SNB area. It's purpose is to better educate and inform the private woodlot owner on all aspects of forestry. To help us serve you better we would like to hear any and all of your opinions, thoughts, ideas, concerns, etc. Is there an issue you would like to write about? What would you like the newsletter to talk about in upcoming editions? What do you like or dislike about the newsletter. This is your opportunity to be heard and voice your opinion.

We look forward to your Letters to the Editor and would like to have your input into this column of the Woodlot Advance. If you have any suggestions feel free to write, fax or email us at:

S.N.B. Wood Co-operative LTD.

P.O. Box 4473 Sussex NB E4E 5L6

Fax: (506) 433-3623

Email: snb@nbnet.nb.ca

Thanks from the Editors!

Some comments and letters received from our Land Management Program.

I want to thank you sincerely for the very kind way you received me and I want to thank you for the very trustworthy services you have performed for me!

Prof. Dr. H.J. Matthias (Switzerland)

Thanks for being so very nice on our visit to Canada.

*Betty and Lou McDermott
LK Havasu City, AZ USA*

Nancy & I want to thank you for taking your time to walk the property on your day off. You were very informative on showing what is going on there. Thank you for your good work.

Sincerely, G. Howe (Houston Texas)



SOUTHERN NEW BRUNSWICK

Forest Products Marketing Board

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Sussex, NB E4E 5L6

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toll free 1-888-762-1555

**WOOD PRODUCERS WORKING
TOGETHER TO HELP THEMSELVES
AT WOODLOT MANAGEMENT &
MARKETING FOREST PRODUCTS**

WOODLOT ADVANCE is S.N.B.'s newsletter published for private woodlot owners who own forested land in the SNB area, as well as information for the public. We invite your comments on WOODLOT ADVANCE, suggestions for articles you would like to see included or submissions you would like printed.

WOODLOT ADVANCE is mailed under
Canada Post agreement #0566128

Other letters received

I received the video about Best Forest Management Practices and after watching it found it informative and learned something. Thank you and thank you all the others concerned and hard working people for the attention paid to members such as the signs with individual names and the Best Management Manual. It certainly makes you feel that one matters.

Being basically a city born and bred person I have always, in spite of that, been very concerned about the environment, animals and bio-diversity. Your organization and its people are a source of knowledge for me and I appreciate it.

Sincerely, Margot Morris

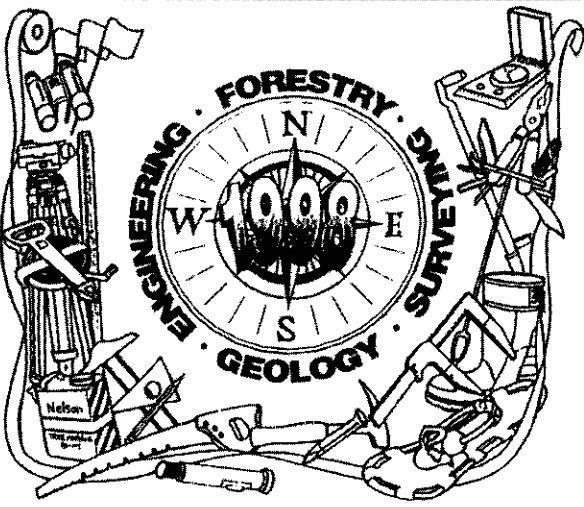
'FORESTRY FOREVER'

We always reflect on the year gone by
 We wonder how another passed so soon
 Each day we awoke to a brand new sky
 Off to the woods while singing a tune
 Yes knowing for sure we love what we do
 A smile on our face to start our day's work
 Otherwise we would a new job pursue
 Not us, for with this trade it has it's perks
 In each season our forest sure does shine
 For spring brings forth the newness and all
 Summer is filled with its fragrant of kinds
 And autumn is bright, then winter's snowfall
 We have love and pride for a job well done
 Even each day when there is change to face
 Continued success will shine like the sun
 A Sustainable Forest is our base
 Yes our woodlots will always be around
 As committed owners we'll forever be
 Harvesting, planting and thinning abound
 Forestry Forever A future we see

MARKETS WHAT'S NEW, WHAT'S CHANGED?

Spring weight restriction season is upon us again. Market wise, the harvesting and delivery of forest products for the first six months of 1998-99 seemed to flow along at a slow, but consistent pace. However, since the end of November, production continually increased throughout February and early March, until the inventory in mill yards resulted in reduced deliveries and decreased prices. Two main factors were a great winter operating season, the likes of which most will say they never experienced before; and of course, good prices for their products. To stay in tune with what's happening in the market place for your forest products, S.N.B. encourages you to check in with our office on a regular basis, before you begin harvesting or trucking. You can call us toll free at 1-888-762-1555 or check out our message line at 433-9860 after hours and on weekends. Or visit our web site at www.snbwoodcoop.com for market changes and other information.

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**MESSAGE FROM CO-OP
PRESIDENT, HARRY STOREY**

Congratulations to the past and present directors, staff and all of those who do business and have done business with S.N.B. Wood Co-operative Ltd. with 1999 being the 25th Anniversary Year. The directors, after 25 years, are still maintaining the goals that the founders of S.N.B. were striving for in the beginning. The success of the past quarter of a century is due to the people who have done business, in one way or another, with S.N.B.

After putting in many months of hard work into becoming certified, our Sustainable Forest Management Plan (SFM) is about to be implemented. With this SFM Plan in mind, S.N.B. spent more silviculture money and covered more acreage during the 1998 season than in any previous year.

To become a member of the S.N.B. Wood Co-op Ltd., pick up an application form at the office, submit the one time \$5.00 fee and based on the Board of Directors' approval, a share certificate is issued. So, to make sure the next 25 years are as successful, spend \$5.00, become a member and attend the Annual General Meeting, join other private woodlot owners, show your support, provide your input for change and voice your concerns.

Please feel free to contact me at any time at 433-3983, or any member of the Board of Directors:

- | | |
|------------------|----------|
| William Donald | 468-2917 |
| William Brittain | 832-3914 |
| Ed Perry | 433-6629 |
| Daniel Folkins | 433-4915 |
| Emile Boucher | 327-3898 |
| Ronald Alward | 534-2344 |
| Richard McLeod | 433-1285 |
| Merrill Stevens | 734-2919 |

**MESSAGE FROM MARKETING BOARD
CHAIRMAN, GIG KEIRSTEAD**

This year marks the 20th Anniversary Year since the beginning of the S.N.B. Forest Products Marketing Board; and the 25th Anniversary Year for the S.N.B. Wood Co-operative Ltd. During this time technology has changed and so too have many of the faces. However, our goals of sustainable forest management and fair market prices continue to be our main focus - a focus that has realized many successes over the past years.

S.N.B. has been a leader in developing and promoting innovative silviculture programs; such as selection harvesting. In the very near future, we will become one of the first organizations in Canada to obtain CSA certification. These are but two of the many successes that come to mind.

These successes did not happen by chance. They were the result of hard work by S.N.B. staff, and you, the woodlot owner. The future successes of S.N.B. will also be dependent upon your support. Get involved; attend the annual general meeting, or a zone meeting, take a course, get on a committee or contact the office for assistance. The more you get involved, the stronger S.N.B. will be!

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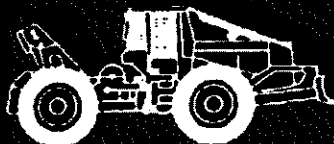
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SUSTAINABLE FOREST MANAGEMENT

S.N.B.'s efforts to complete the S.F.M. Plan for our area have progressed substantially over the past few months

A new Wood Supply Analysis, one of the primary tools for long-term sustainable management planning was completed in October. This analysis provides us with the best estimate of the sustainable harvest levels for the S.N.B. area for the 80-year period of 1994 to 2074. After all the other factors such as silviculture levels were factored into the computer model, we were satisfied to learn that the softwood Allowable Annual Cut (A.A.C.) for the S.N.B. area is higher than expected at 225,000 cord/year. Likewise, our hardwood A.A.C. is over 143,000 cord/year. This increase is largely due to the significant increase over the past few years in the amount of silviculture being done by woodlot owners. As we do more silviculture, it causes our forests to grow faster; this increases our inventory for the future, and allows us to harvest more today without depleting future inventories. A lot more came out of this analysis than just the A.A.C. Other information on the expected development of our forests in terms of forest types, ages, products, species mixes, etc. allowed us to forecast realistic objectives for our S.F.M. Indicators to tell us if we will be doing a good job of sustainably managing our forests.

At long last, a set of criteria and indicators has been completed for the S.N.B. area. These indicators are used to tell if we are doing a good job to meet our needs and sustain the forest. They include 49 ecological, economic and social measures of good forest management that tell us, the public, and government if we are doing a good job. They range from biodiversity, economics, wild life habitat, insect and disease levels, allowable annual cut, jobs, water and soil quality, carbon emission levels, how well we get and use your input, to the number of woodlots being managed, etc.

At present we are working on the development of education and information programs for woodlot owners, harvesters, silviculturalists, staff and Directors; a new Conservation Management Program (similar to the Working Woodlot Program); a program to encourage good harvesting practices; improvement of the S.N.B. Fund Woodlot Management Assistance Programs; new and/or improved funding for woodlot management; a monitoring system to track wood flow in the S.N.B. area; etc.

It still looks as if the S.N.B. Sustainable Management Plan and supporting programs could be completed by April '99.

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SNB WOODLOT ADVANCE

SO - WHAT'S STUMPAGE GOING FOR?

This new component of our newsletter was first introduced in our 1998 fall issue. As stated then, this information is only intended to provide people with a broad overview of what stumpage rates are going for. As before, we have analysed deliveries of all products that were shipped through our office during a one-month period prior to our newsletter going to print. In this case, it is for the month of December 1998. Only those products that were shipped through our office during this time period can be reflected. **Disclaimer** - These averages have been calculated from a small percentage of deliveries and are in no way intended to be any kind of benchmark. Stumpage values can vary considerably and are influenced by factors such as, but not limited to, quality, delivered price, total volume, harvest method and accessibility. The final value that is applied to a product is a decision that must be arrived at between the landowner and the contractor.

PRODUCT	MILL/ COMPANY	# LOADS IN CALCULATIONS	DELIVERED PRICE (\$'s)	AVERAGE STUMPAGE (\$'s)		STUMPAGE RATE SPREAD Minimum to Maximum
				Per Unit	Per Cord	
8' Softwood Pulpwood	Irving Saint John	26	21.71 - 22.09/m3st	6.09/m3st	(22.07)	4.14 - 11.04/m3st
8' Softwood Pulpwood	Repap Miramichi	42	26.58 - 29.90/m3st	7.43/m3st	(26.93)	4.97 - 18.16/m3st
4' Softwood Pulpwood	Champion Bucksport, ME	4	155.50/cord		(24.37)	22.50 - 25.00/cord
TL Softwood Pulpwood	Gr. Northern Millinockett	27	69.50 - 72.50/ton	14.10/ton	(31.72)	8.00 - 20.00/ton
TL Softwood Pulpwood	Champion Costigan, ME	5	66.50/ton	14.66/ton	(32.98)	13.33 - 20.00/ton
Softwood Sawlogs	Irving Sussex	55	297.82 - 447.82/mbf	120.40/mbf	(51.23)	80.00 - 156.40/mbf
Softwood Sawlogs	Irving Chipman	8	84.56/ton	27.50/ton	(61.87)	27.50/ton
8' Softwood Studwood	Irving Sussex	74	65.56 - 74.56/ton	19.47/ton	(43.80)	8.28 - 35.56/ton
TL Softwood Studwood	Irving Chipman	96	71.56 - 74.06/ton	21.43/ton	(48.21)	13.33 - 28.62/ton
TL Spruce Studwood	Champion Costigan, ME	20	87.60/ton	22.32/ton	(50.22)	11.11 - 34.73/ton
TL Poplar	Geo. Pacific Woodland, ME	22	39.45/ton	7.48/ton	(17.95)	3.50 - 12.45/ton
TL Poplar	Louis. Pacific Houlton, ME	6	40.50/ton	6.38/ton	(15.31)	6.25 - 7.00/ton
8' & TL Hardwood Pulpwood	Geo. Pacific Woodland, ME & Sussex	55	37.45/ton-Woodland 28.06 - 29.06/ton Sussex	5.13/ton	(12.31)	3.33 - 10.00/ton

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FORESTRY & WILDLIFE QUIZ #3

- 1 What is a young (first year) male wild turkey called?
a) rooster c) tom e) bull
b) drake d) jake
 - 2 Which of the following species is a pioneer species?
a) sugar maple d) jack pine
b) beech e) red spruce
c) balsam fir
 - 3 Why do plants grow better when you talk to them?
a) plants don't feel lonely anymore so they are happier and more vigorous
b) your breath smells bad so they react by growing to get out of reach
c) the air from your breath vibrates the plant and shocks it into growing
d) the CO₂ you directly exhale on the plant is absorbed and used for food production
 - 4 Name 3 types of Ginseng.
1. _____
2. _____
3. _____
 - 5 Which of the following tree species reproduces primarily from root suckering?
a) white spruce c) red oak e) poplar
b) black cherry d) yellow birch
 - 6 Why do birds sing?
a) because they are happy all the time
b) they are trying to entice potential prey species into them
c) they are marking their territory by warning other birds
d) they use singing to stimulate enzyme production to digest their food
 - 7 Which of the following shrubs would you find in a bog or swamp?
a) red osier dogwood c) Labrador tea
b) mountain maple d) fly honeysuckle
 - 8 Which of the following species of flowers are prohibited from picking?
a) purple violet c) trout lily
b) black-eyed susan d) lady slipper
 - 9 Which of the following species of trees will a spruce budworm attack if the balsam fir has been already eaten?
a) tamarack c) white pine
b) white spruce d) red pine
 - 10 Eventually what colour will the leaves of a red oak tree turn in the fall?
a) brown c) blue
b) yellow d) pink
 - 11 What portion of a Ginseng plant is the best (most nutritious) to eat?
a) flesh from the fruit c) leaves e) stem
b) seed from the fruit d) roots
 - 12 How many needles does each white pine basal sheath have in it?
a) 2 c) 4
b) 3 d) 5
 - 13 Where does the adult white pine weevil overwinter at?
a) it doesn't; it overwinters in the larval stage
b) under the bark of a tree
c) in the ground at the base of a tree
d) inside a 1-year old cone
 - 14 Are there flying squirrels in the SNB area?
a) yes b) no
 - 15 What is the favoured species of prey of the white pine marten?
a) opossum c) red squirrel
b) porcupine d) mink
 - 16 What type of habitat does the white pine marten prefer to live in?
a) immature stands of red maple
b) young stands of spruce/fir
c) mature softwood stands
d) mature hardwood stands
 - 17 What is the "mast" from a red oak tree?
a) leaves c) crown
b) branches d) acorns
 - 18 How many offspring will a porcupine normally have each time it gives birth?
a) 1 c) 4-6
b) 2-3 d) 7-10
 - 19 Which of the following tree species produces the hardest or densest wood?
a) sugar maple c) silver maple e) hop horn beam
b) yellow birch d) elm
- Bonus Question (5 points) What is the world's oldest tree?**
- Please circle only 1 answer for each and send to: SNB QUIZ Box 4473, Sussex NB, E4E 5L6 or e-mail to Jamie Floyd: snb@nbnet.nb.ca **Deadline April 30, 1999**
- Answers to Quiz #2 - 1 b 2 f 3. a,b,c,d. 4. c 5 d 6. c. 7.a (Delican) 8 b 9. a, 10. d 11 b. 12 e 13 d 14 d 15 b&c 16 d. 17 b. 18 d 19 a 20 basswood**
- The **WINNER** of our Forestry & Wildlife Quiz #2 was **Dave Oxley** Congratulations Dave !



SILVICULTURE

As the 1998 silviculture season draws to a close, there is no question that it has broken all past production records. Prior to 1998, our biggest season had been 1996, with 2,700 acres of pre-commercial thinning completed. During 1998, landowners in the S.N.B. area completed over 5,400 acres of pre-commercial thinning and planted nearly 400 acres. Our field staff is to be commended for this accomplishment.

It is expected the level of funding for 1999 will remain at the same level as 1998.

The farm land reclamation activity has begun to catch on with nearly 400 acres scheduled for planting during 1999. Combine this with as much cut-overs to plant, gives us over 800 acres scheduled for planting for 1999.

With the increase in funding levels, woodlot owner participants have increased considerably, thus making for a bit of a wait on our request list to access the programs. So, if you are interested in getting involved in the thinning and planting program, don't delay in getting your request into our office.

S.N.B. FUND

S.N.B. has been providing landowners with financial assistance for treatments that were not covered through existing government programs for many years. These activities have been channelled through what we call the "S.N.B. Fund" and includes activities such as semi-commercial thinning, selection harvesting, shelterwood harvest and residual removal. Depending on the site and value of products being removed, assistance levels will range from \$80-120 per acre. With the ever-increasing interest in semi and commercial thinning, S.N.B. will be making an increased effort to contact landowners who had sites treated as pre-commercial thinning 10-15 years ago to see if they are interested in applying a commercial thinning treatment. If you have a pre-commercial thinning site that was treated 10 plus years ago and are interested in having it assessed, please contact our office.

In conclusion, S.N.B. field staff is looking forward to the upcoming season and will be anticipating another record breaking season.

WATERSHED PROTECTION

There never seems to be an end to the list of disturbances that land owners must cope with; four-lane highways, gas pipe lines, electrical transmission corridors, watercourse set backs and the latest one, the proposed ecological reserves. Well hold on to your hat because another one is coming at us. The New Brunswick Department of the Environment is currently in the process of implementing Phase II of the Watershed Protection Program which was first initiated in 1990.

Phase I was known as the Watercourse Setback Designation Order. Among other things, it places a 75-meter setback on every lake, river and stream (or watercourse) within each municipal watershed.

It is proposed that Phase II will redefine the Protected Area to include all land within the watershed boundary (not just the setback zones), as well as the watercourses themselves. The amendment will describe which restriction will apply to land and water use activities within the greater watershed area.

New Brunswick has 31 designated watersheds, of which there are 5 in the S.N.B. area. They include the Turtle Creek, Loch Lomond, Crooked Creek, Carpenters Pond - Rothesay and Musquash sites.

Some of the proposed standards which apply to forestry include: clear-cuts no larger than 25 ha (some exceptions), adjacency guidelines of 10 years between cuts, buffers of 100 meters between cuts, 50 meter buffers along property lines and properties larger than 10 ha will not be permitted to clear-cut more than 25% of that property at one time.

There will also be detailed guidelines dealing with road construction; restricting the use of recognized fords.

The above only provides a brief overview of the proposed amendments. If you would like more detailed information, you are encouraged to contact:

The New Brunswick Department of the Environment
P.O. Box 6000 Fredericton, N.B. E3B 5H1

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Fax: 506-457-7823

E-mail: watershed.protection@gov.nb.ca

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- Herbicide applications
- Reclamation of abandoned farmland with commercial species
- Management Plans and Recommendations

Non-funded services include:

- Woodlot cruising (appraisals of wood value only)
 - useful prior to buying or selling a woodlot
 - trespass harvesting cruises
- Boundary line reconnaissance
- Road layout
- Land Management Services
- SNB GIS property maps and aerial photos

Deliver SNB funds to landowners that wish to practice Alternative Harvesting techniques such as:

- Selection harvesting
- Stand development
- Release cut
- Residual removal
- Shelterwood
- Semi and commercial thinning

Wood Purchase & Sales Services:

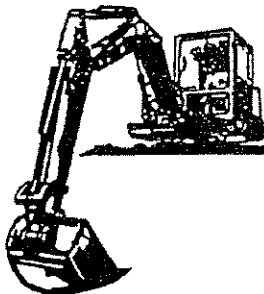
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MAKING CEDAR SHINGLES

There's always more to making a good product than there seems to be! For instance, when I first purchased a cedar shingle machine, the first shingles sawn had a taper in two ways. It is obvious that a shingle has a taper from top to bottom but from side to side? Why was this machine sawing shingles thicker on one side than the other? My first thought was that the carriage wasn't running parallel to the three-foot diameter circular saw blade, so I lined them up and tried sawing a few blocks. It didn't make any difference. The three-inch shaft that the saw ran on had old babbit bearings which seemed to be worn, so I put new pillow block bearings on the shaft. Again I was frustrated with the same results.

I decided to get some advice from a couple of shingle mill owners. One owner told me that my saw wasn't turning fast enough. My saw was running off the PTO of a farm tractor. My RPM (revolutions per minute) was 1,200 and I was advised to increase my speed to 1,700-1,800 RPM. Again, I made the adjustments figuring out what size pulleys to purchase to give me the desired speed. Again, I tried making shingles but had the same results.

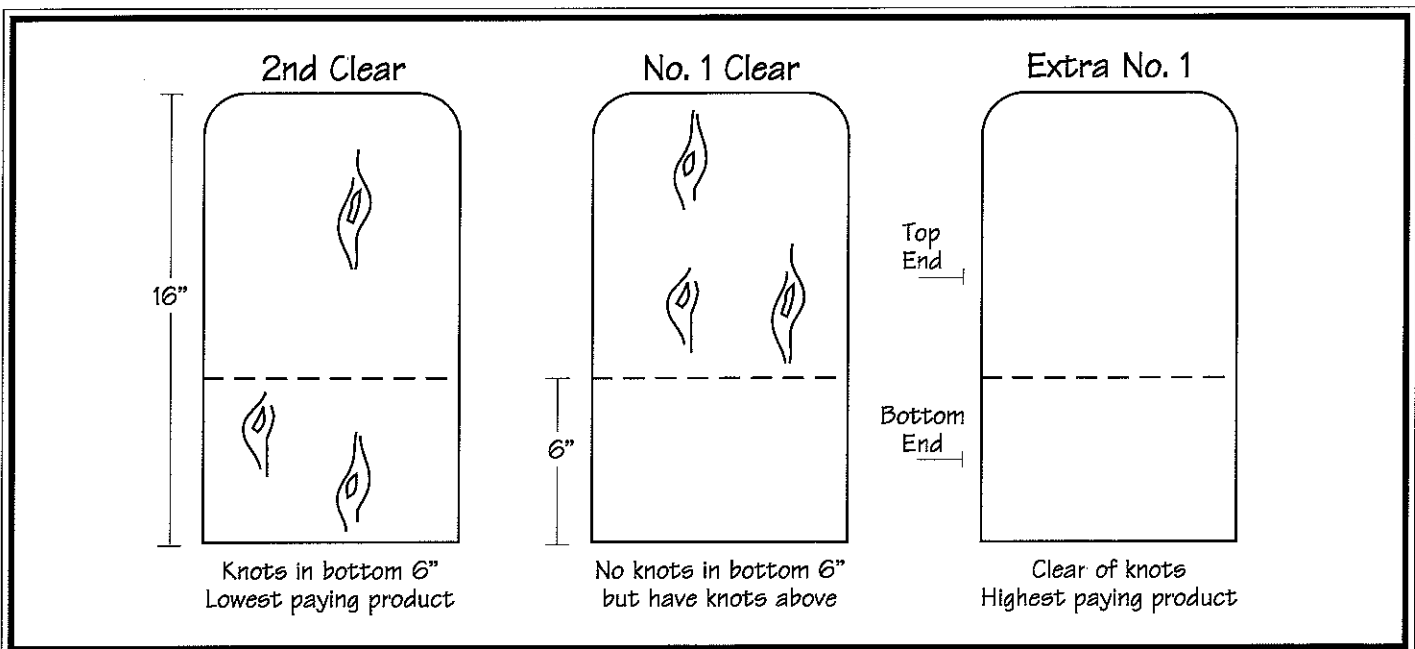
Advice from another shingle mill owner gave me what I needed to produce quality shingles. The circular saw was out of round and when it was sawing through a block, the high spot on the saw was cutting out too much sawdust. So, instead of each tooth on the saw taking a light cut, half the teeth on the saw was taking a heavy cut, and as a result too much sawdust accumulated in the backing (inlet for holding sawdust until the tooth leaves the block of wood being sawn) forcing the saw to crowd out of the block as it

was being sawn. With the saw rounded up and the backing on each tooth deepened, my shingles had finally reached the quality I thought made a good product.

Another hurdle developed in the quality of the shingles, this time it was not the machine but my own misunderstanding. To make shingles suitable for siding or roofing, the sapwood had to be removed and only the heartwood was acceptable for these cedar products. The sapwood is the living part of the tree which is lighter in colour and found just under the bark. The sapwood turns into non-living wood or heartwood as the wood cells gradually fill in with minerals and rot-resistant chemicals produced by the tree over time. The heartwood starts from the centre of the tree and develops outward. Therefore, by edging off all the sapwood and not just the bark, fewer bundles of shingles could be sawn from a cord of cedar.

Next it was the grading. Knots in the wood created different grades of shingles. Shingles with knots paid less money and were separated from shingles free of knots. Now I have more grades of shingles and therefore needed more inventory to accumulate enough bundles of any one grade to do a wall or roof.

The table below illustrates some different grades and the following is approximate pricing. The prices for a bundle of shingles have varied greatly over the past few years. A bundle of second clear shingles two years ago could be purchased on sale for less than \$10/bundle. Today a bundle of second clear shingles would sell for roughly \$18/bundle.



FUNDY MODEL FOREST PARTNERSHIP

'Adds New Partners and Perspectives'

The Fundy Model Forest (FMF) has increased both the size and diversity of its partnership. The FMF which started in 1992 with 21 diverse partner organizations, finished 1998 with 32 partners.

The Canadian Model Forest Program was initiated in 1992 to develop models of sustainable forest management throughout Canada. As one of eleven model forests, FMF brings together people who represent many sides of the debate on the issues of environmental and economic sustainability of forest resources, Industry, the woodlot sector, environmental groups, research and educational institutions, and recreation groups are some of the sectors represented in the model forest.

"The strength of the FMF lies in both the diversity of opinion and expertise of our partners," says FMF Chairperson Dr. Louis LaPierre. "With the addition of our newest partners, Nova Forest Alliance, Eel Ground First Nation and the Department of Indian Affairs and Northern Development, we have access to new viewpoints and ideas that will enhance our efforts. The FMF partners all have one thing in common - a desire to achieve sustainability for all forest values".

The Nova Forest Alliance (NFA) represents a first for the Canadian Model Forest Network. The NFA, located in Nova Scotia, is an adjunct of the FMF. What that means says LaPierre, is that many of the sustainability technologies and concepts developed by Fundy, will be extended to another land base within the Acadian Forest region. "This is the first time this type of experiment will take place anywhere across Canada," explained LaPierre.

The addition of Eel Ground First Nation and the Department of Indian Affairs and Northern Development will bring input and experience from an aboriginal peoples perspective. Even though Eel Ground First Nation is not in the land boundary of the Fundy Model Forest, they are running a sustainable forest management project which

holds some similarities to the activities of the Fundy Model Forest.

The FMF, with the co-operation of its land owning partners, is moving more towards the implementation stage of the program. Many research projects designed to find more environmentally sustainable methods of forest management have been carried out during the last seven years. Many of the results are now ready to be implemented on the ground.

The Canadian Model Forest Program is funded and administered by the Canadian Forest Service

MODEL FOREST IN CHILE

The Fundy Model Forest is to host a delegation in March of 1999 from the Model Forest in Chile. The Chilean group is very impressed with the work FMF has done in education, especially the curriculum developed for school children in grades kindergarten through grade five. The group has expressed interest in working with Fundy on a joint education program. S.N.B. Director, Gig Keirstead, is the Chairperson of the FMF committee that deals with education and will participate in this visit.

WEBSITE - FUNDY MODEL FOREST

The Fundy Model Forest's web site can be found at www.fundymodelforest.net and the Canadian Model Forest Network is at www.modelforest.net. The FMF site features the latest information about what is going on at the model forest. It provides some reports in down load format, as well as a listing of all FMF reports will be available for order. There is also a discussion area where people can post questions or concerns related to sustainable forest management. So, why not visit the Fundy Model Forest today?



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BUSY BEAVERS

If you have had the opportunity to see the damage left by a beaver who busily and unknowingly set up residence in your pond or culvert, then you'll be happy to hear about the Clemson Beaver Pond Leveler demonstration project now underway in the Fundy Model Forest.

Rob Capozzi of Ducks Unlimited in Fredericton, Sara Richard with the Eastern Habitat Joint Venture Fish and Wildlife and Glen Watt of the Fundy Model Forest are leading the project. They hope to demonstrate that beaver habitat can be maintained, while ensuring the stability of forest roads. They also believe waterfowl habitat will be enhanced as a result.

Dr. Gene Wood developed the device at Clemson University in South Carolina in 1987. Since then it has been used with excellent success in the United States and has been tested for use by the Maritime Staff of Ducks Unlimited between 1992 and 1993. The project proponents hope to promote its use within New Brunswick.

The Clemson Beaver Pond Leveler is comprised of a length of 20 cm PVC tubing that runs through the length of a culvert and is fitted with an intake device. The intake device is a three-meter length of perforated PVC tubing surrounded by a cylinder of galvanized welded wire. It's designed to spread water intake flow over a large area and reduce the probability that beavers will detect the water flow or the sound of flowing water. The wire cage prevents the holes from becoming clogged and again keeps beavers away from the inlet where they could detect water movement. The outlet is extended six meters from the end

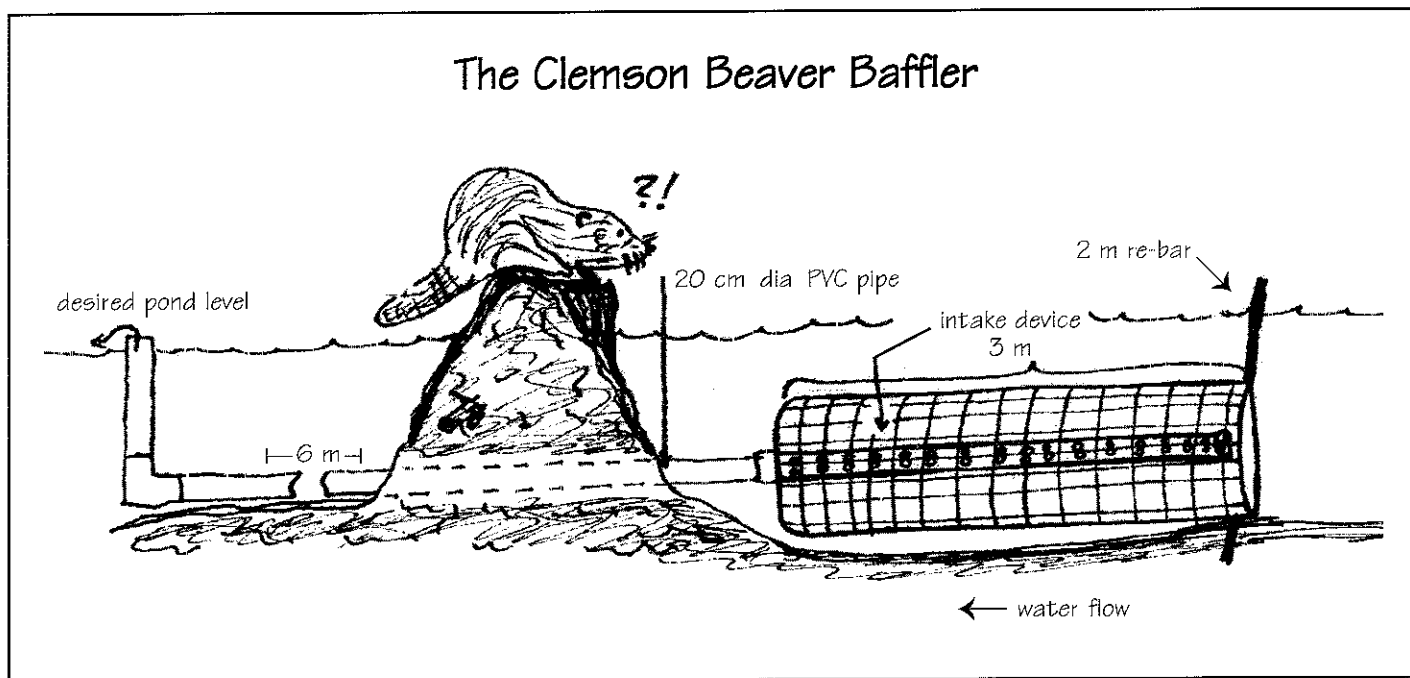
of the culvert and can be fitted with an elbow joint and standpipe to control water levels. The unit can be disassembled and relocated to another site area upon completion of water drawdown.

A 1995 preliminary report by Brian McCullough of Ducks Unlimited in Amherst, Nova Scotia concluded that the device did indeed result in lower water levels in marshes within beaver prone areas.

Cited shortcomings noted within past reports include its poor design for fast flowing water and its ability to reduce water flow and fish passage. A limiting factor noted by McCullough is its hydraulic capacity. During typical peak periods, the outflow cannot match the increased inflow of water within the pond. Cleaning out of the water control structures after freeze up is also recommended for the purpose of preparing for next spring's peak run off.

As well, McCullough states that all materials can be purchased for approximately \$850. However, he states that the total cost including indirect is about \$3,500. Thirty hours are required for its fabrication.

In October, Fundy Model Forest project proponents selected three sites where they plan to demonstrate the device. The sites include two areas off Route 695 owned by S.N.B. and J.D.I. The third site is located at Caribou Plain within the Fundy National Park. Proponents are currently talking with the landowners and hope to install the devices by July of 1999. For more information, contact Glen Watt at the Fundy Model Forest office at 432-2806.



S.N.B. - 25 YEARS IN BUSINESS & STILL GROWING!

This year, S.N.B Wood Co-operative celebrates 25 years in business. Many of you have heard, over the years, about our early days, however, to reminisce, for just a bit. 19 Charter Members signed the application form to incorporate the Wood Co-op in 1974. Some very dedicated people worked together to achieve what they believed in. Today, many hours of volunteer time is still spent improving conditions for us private woodlot owners.

From humble beginnings in a local warehouse, with a part-time field person, to a move to upstairs on Peter Street with John Levy hired as GM in 1976 and Ruth McCrea as secretary using borrowed office furniture (from local Chamber of Commerce), S.N.B. was finally able to purchase a \$20 00 desk for John.

1977 saw S.N.B. operate the first custom crew in N.B. During the next few years, we added staff, moved to Main St., and assisted the Bayview Credit Union in opening a branch in Sussex, then moved on to Broad St in 1985.

With more staff again on board, an increase in wood sales from \$14,500 in 1975 to over \$9 million in 1986, and a growing interest in forest management by woodlot owners;

S.N.B. decided to establish a permanent location for the office facilities. The property at Drurys Cove Rd was purchased and S.N.B. members invested in 5-year certificates to construct S.N.B.'s current office.

What comes to mind when we look back at the official opening of our office facilities in January 1987 was a comment made by a gentleman. As he looked out the window at the landscape, he asked "Well, when are we going to expand?" At that time we laughed, but he wasn't far off - appropriate work area and storage have been lacking for some time, with rental facilities housing S.N.B. files and equipment.

S.N.B. has hit a 25 year milestone. This has been achieved by the tremendous support of S.N.B. private woodlot owners and a great staff that works well together. Where is our road leading us now? - Expanding our office facilities - Becoming the first woodlot owner group to achieve certification - Owning and operating a sawmill - Producing value-added products - Promoting S.N.B. and its services to more woodlot owners - Sharing with school children private woodlot forestry - Increasing the public's awareness about the sustainable management of private woodlots in the S.N.B. region.



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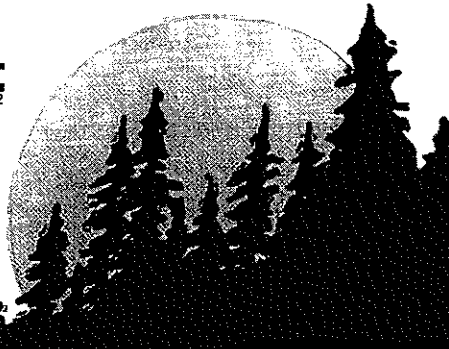
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QUESTIONNAIRE – S.N.B. WOODLOT OWNERS

In October 1998, S.N.B. circulated 600 questionnaires to private woodlot owners (a random selection was done for 500 owners, and 100 current / past directors). The questionnaire is part of an overall strategy to formulate objectives and leadership into the 21st Century. The responses were confidentially tabulated by an outside agency. A special thank you goes out to those of you who took the time to fill out the survey to tell us what is important to you as a private woodlot owner. And the *** **Free Prize Draw** *** Winners are 1st - **Pat Myers** of Belleisle Creek - Get-Away-Weekend for Two; 2nd - **Cecil Jeffries** of Sussex Corner - Dinner for Two; and 3rd - **Merrill Stevens** of Hopewell Cape - Birds Eye Maple Pen - Congratulations!!!

GIVE ME COUNTRY

*Give me wreaths hung on my doors,
Braided rugs upon my floors;
Fresh-cut flowers in a vase,
Curtains trimmed in eyelet lace...*

*"Welcome" signs on all the walls,
A cozy hearth when winter calls;
Ruffled sheets pillow shams,
A cross-stitch sampler in my hands.*

*An antique rocker by the stairs
And pillows tossed in all the chairs;
Bunnies, ducks and hearts throughout
Add country touches, there's no doubt!*

*A gingham tablecloth that's blue,
A batch of fresh-baked cookies, too;
A big front porch that has a swing,
A spot for gardening in the spring...*

*A playful cat, a lazy hound,
An old oak tree where shade abounds -
These are things that bring me cheer...
So give me country to hold dear!*

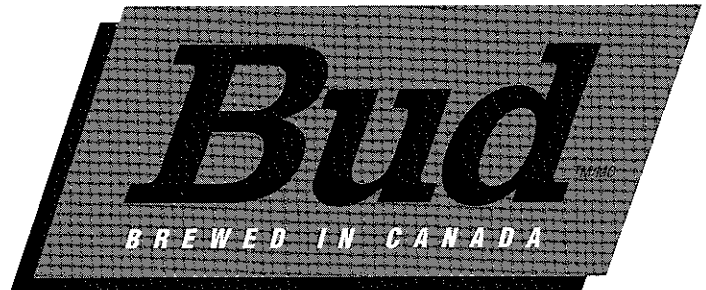
- Diana Sue Lindley
Conroe, Texas

**Taken from Country Woman Magazine
July/Aug 1996 Issue

Submitted by Krista Spencer

KNOW YOUR RESPONSIBILITIES

If you, as a landowner, hire a thinning or harvesting contractor that does not have workers' compensation coverage or the equivalent in private insurance coverage; you as the landowner could be held liable if this contractor has an accident or causes an accident. For more information contact: Workplace, Health, Safety & Compensation Commission of New Brunswick (506) 632-2820.



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Recipe Corner

Something new, try our Recipe Corner. Do you have a recipe you'd like to share?

'Dump Cake'

(submitted by Connie McGinnis)

All ingredients go in the pan (9 x 13) you are baking in (great, no bowls to clean).

- 1 can cherry pie filling
- 1 can crushed pineapple
- 1 box white cake mix
- 1 cup melted butter
- 1 cup coconut (and/or nuts)

Spread cherry pie filling in bottom of pan. Cover with crushed pineapple. Sprinkle white cake mix (powder only) over the above. Flatten out any lumps with the back of spoon. Pour melted butter over cake mix. Top with coconut (and nuts, if desired). Cook at 350° until browned (approx. 35 - 45 min.) Good just the way it is or topped with ice cream or whipped cream.

'Chocolate Cake Pudding'

(submitted by Doreen Patterson)

- Mix together
 - 3/4 cup white sugar
 - 1 cup flour
 - 2 tsp. baking powder
 - 1/2 tsp. salt

- Melt
 - 2 tablespoons butter
 - 2 tablespoons cocoa

and add to flour mixture, stir 1/2 cup milk and 1 tsp. of vanilla. Pour into buttered 9 x 9 dish.

- Mix together
 - 1/2 cup brown sugar
 - 1/2 cup white sugar
 - 1 1/2 tablespoon cocoa

and pour over the top. Then pour 1 cup of cold water over the top. Bake at 350° for 40 min. Serve warm with ice cream or whipped cream.

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