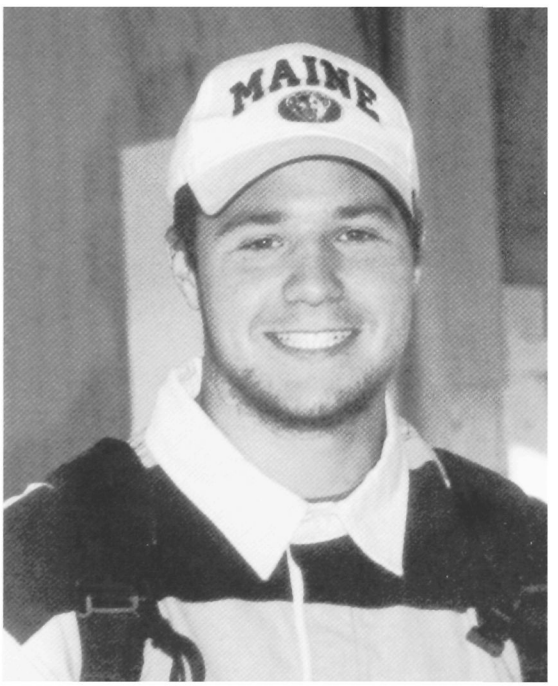
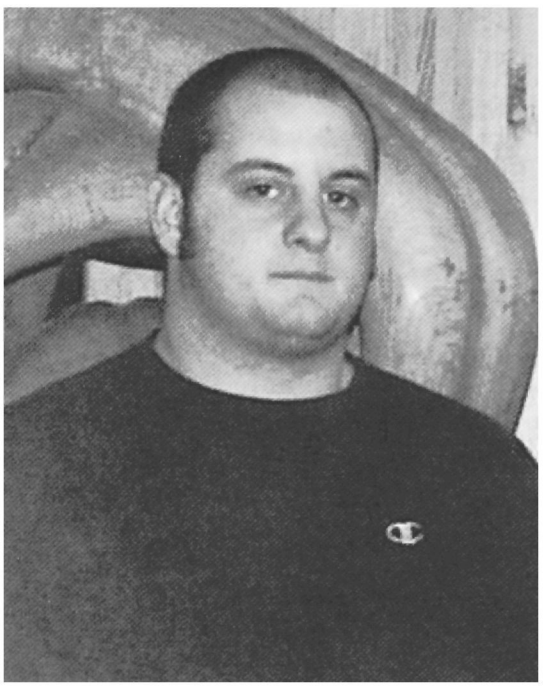
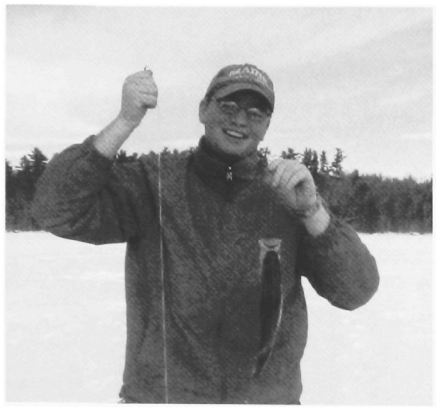
Wood Science and Technology (WSC)







First Year Wood Science and Technology

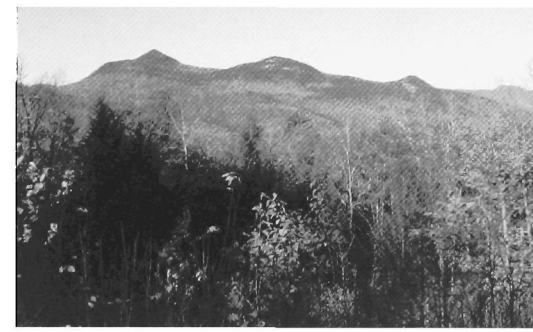
BY SPENCER PERRY
WOOD SCIENCE & TECHNOLOGY

During my first year in Wood Science and Technology, I have learned many things. I have been introduced to the world of advanced wood composites. Although I was the only freshmen in my major, I have not had to go far for support and guidance from other students and faculty. Everyone in Nutting Hall has made my first year at UMaine very enjoyable and successful.

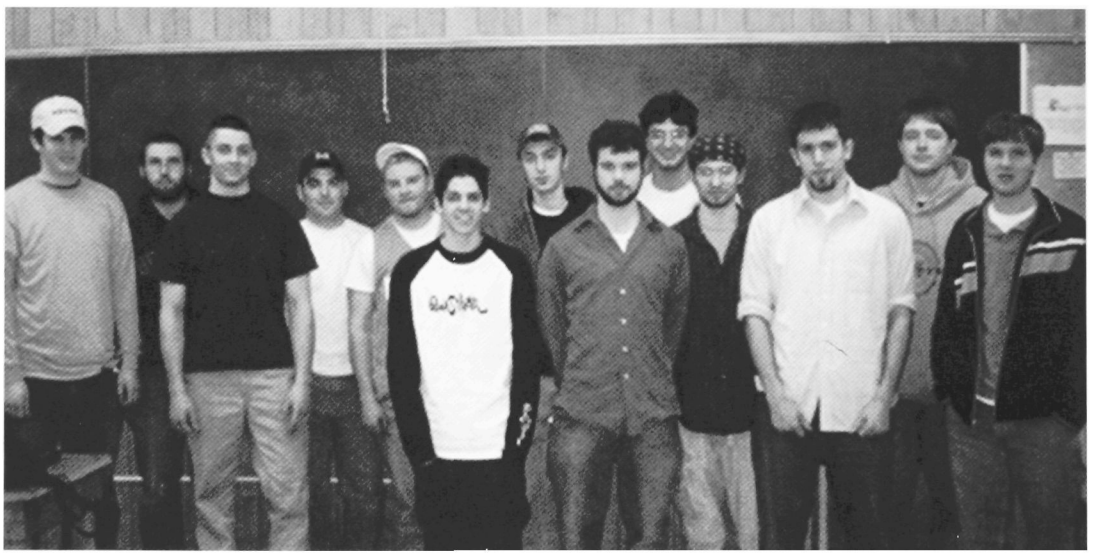
The greatest thing that I have learned is that the people in Nutting Hall are always eager to help you. The different majors in the building do not form separate clicks which you find in other departments. If that were true here, I would be pretty lonely. I was invited to join the Society of American Foresters even though I was not a Forestry major. Through the Noontime Lectures, I have been able to learn about the other issues in forestry which I may not have known about otherwise. It has given me a greater respect for every job in the forest industry.

As a Wood Science & Technology major, I have learned about some of the new technologies which will help increase the versatility and efficient use of wood in the future. Through the Advanced Engineered Wood Composite Center, I have learned how the University of Maine and other Maine-based businesses are playing a part in the advancement of wood technology. This field of study is relatively new compared to the practice of forestry. However, it is very important for the future of forestry to create new technologies that will improve the uses of wood.

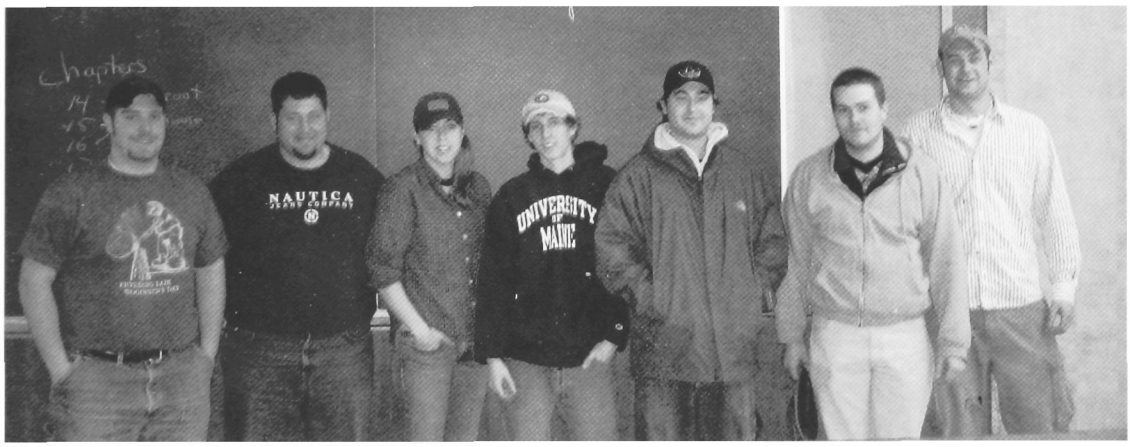
My first year has taught me a lot, not only about wood science, but about myself. I look forward to continuing my education over the next three years. My greatest hope is that more incoming UMaine students will come into the Wood Science & Technology program. The future of the forest industry greatly depends on developing new technologies to make wood a more viable product that can compete with future construction materials.



Forestry (FTY)



More Foresters...



Forestry Summer Camp 2004

by Katie Manende
Wildlife Ecology & Forestry

Three words can probably sum up the best thing I will ever do in my five years at UMaine, Forestry Summer Camp. Freshmen talk about going to summer camp after their first year, and everyone else talks about their experiences from there for years after. There is something special about summer camp. It's not just three extra weeks of classes that get taken out of your summer. It is a great experience for doing work in the field, as well as getting a chance to know your classmates better. Besides, Summer Camp is a blast. I promise, Louis and Al aren't as tough as they pretend to be, although they do take the program seriously, and do a wonderful job running it as well.

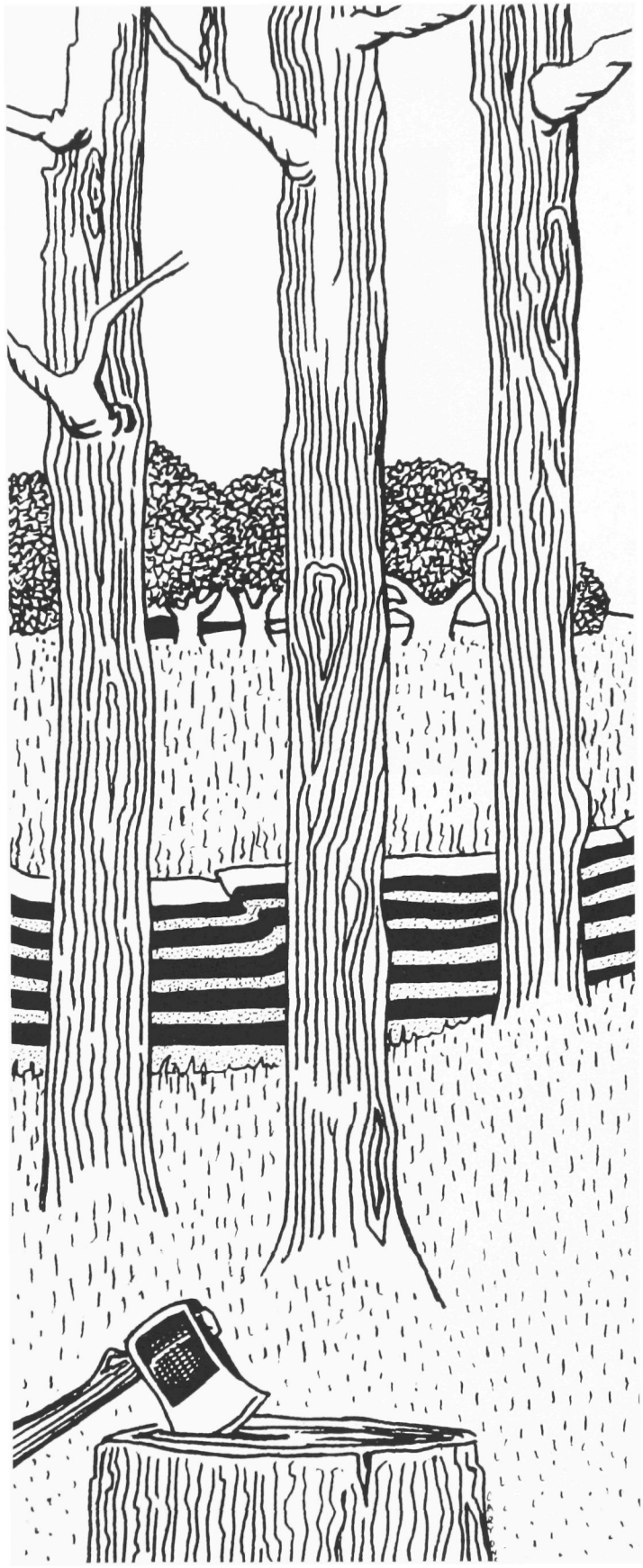
The first week of camp is spent in Orono, most of the time in the University Forest. While there, students get to learn chainsaw safety and go through the Level One of Game of Logging with Robin and Francis Avery. (you even get to take down a few trees!) Also, you learn about Best Management Practices (BMP's) from Al, and road construction with Louis. That may not sound all that exciting now, but once you've played around with the excavators and dozers, you'll probably think a little different.

Week two and three are spent at Acadia National Park. One week is spent doing vista restorations on the Carriage Trails in the park, and the second you go on a week vacation to a sunny island where you cruise and study the island. For anyone who goes to Long Island, beware of the buffalo! When doing the vista restorations, you have the pleasure of clinging for dear life to a tree to prevent yourself from slipping down a steep slope all while trying to cut down a tree. If you're really lucky, you'll get to do it in the pouring rain, like last year. But really, it's not bad at all. If you're not taking down trees on the slope, you're bucking up logs, piling brush for the chipper, or running/working on the skyline logging system. When you go out to the island, you wouldn't believe how much fun you can actually have. Personally, I enjoyed the boat ride over. You wouldn't believe how happy Al gets on that trip; the smile on his face is big as you will ever see it. At the island, you work hard all day, but you have fun at night. Whether its taking long walks on the beach or collecting fresh mussels for dinner and cooking them on the sand, it promises to be a good time.

While I learned a great deal during my three weeks of camp, the best thing I took away from Summer Camp was the friendships I made. Sure, everyone knows each other at the start, but you learn so much more about a person when you are stuck with them for three weeks! Especially when you try to squeeze five people to a tent for a week because someone from another tent party forgot the poles to the tent, but that's another story. By the end of Summer Camp, everyone who is there is more like family than friends. You wouldn't think it would happen, but when you work, cook, eat and live with the same people every day, you all learn how to get along together, and fast. I was lucky, my year no one got on each others nerves too bad. Actually, my year mostly everyone stuck around the camp on the weekends to fish, hike Acadia, have a hard-core horseshoe tournament, or to just spend time with each other.

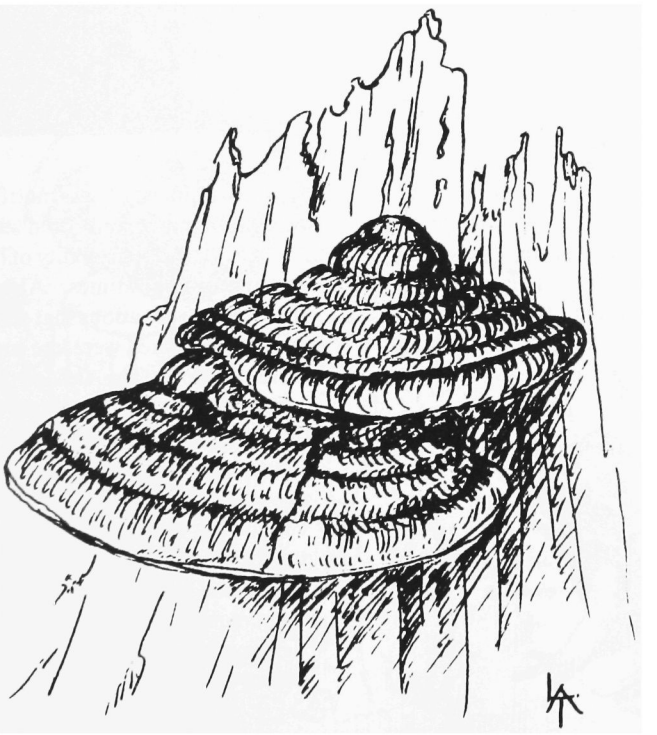
Lastly, here is a list of the most important things I learned at summer camp.

1) Sign up early if you want to be in the horseshoe tournament.
2) Put your name on your food so it doesn't go missing.
3) Bring lots of clothes for the rain.
4) Remember the tent poles.
5) Don't eat excessive amounts of peanuts for a week straight.
6) The loons make noise all night and there is nothing you can do about it.
7) Make sure you have a camera when your buddy decides to balance on a decaying log over water to try to retrieve his fishing lure.
8) Stake out a good place in front of the fireplace because the heat doesn't fill the room.
9) If you attempt to make blueberry muffin mix in front of Louis, he takes pity on you and makes you real ones!
10) Work hard, but have fun doing it!



Forest Operations Science (FSC)

Forest Ecosystem Science (FES)

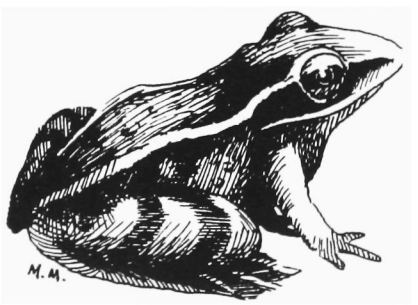


Research as an Undergraduate

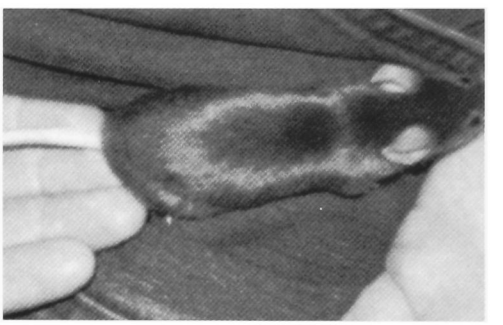
by David Veverka
Wildlife Ecology

There I was: pitch black, pouring down rain with mosquitoes buzzing all around my head. It was getting close to 2 AM and I still had over fifty traps to check. I was getting very frustrated trying to ear tag a very uncooperative deer mouse. It was week 4 of an insanely rigorous field season that entailed checking 100 small mammal traps from midnight to 5 AM every other night. Soaking wet, I eventually finished and made my way back to my truck. What am I doing all this for I thought to myself. I sat down in my truck just as the rising sun was breaking through the trees. The rain had stopped and a couple birds had started singing. There is nothing more peaceful than being alone in the woods as its waking up, and its moments like these that remind me why I'm out there...doing exactly what I love to do.

Research is an essential part of understanding and managing wildlife species, therefore it is an essential part of any Wildlife Ecology undergraduate education. While many undergraduates gain experience as research technicians and assistants, few have the opportunity or luck as in my case to take on the full responsibility for proposing and conducting their own research project. The National Science Foundation and many other funding agencies have several programs that cater strictly to undergraduates, with the intent of these students gaining practical research experience that they will carry on as they further their education and career. The opportunity to gain this valuable experience does not come without some costs. The responsibility and pressure of conducting a research project while carrying an intense course load can sometimes be stressful and overwhelming, but the experience that I and some other undergraduates in the department gain from conducting our own research is extremely rewarding.



So how did I get the opportunity to design this project? I began working as a field technician for the Land-use effects on Amphibian Populations project the fall of my sophomore year. This project uses a replicated experimental landscape to examine the effects of forest harvesting (partial harvesting and clearcutting) on amphibians. My first day on the job, I was told by my supervisor that it would great if they could use the landscape to examine other taxa apart from amphibians. Over the next several weeks I discussed the possibility of funding through the National Science Foundation's Research Experiences for Undergraduates program. Through the semester I designed a project and submitted a proposal examining the effects of forest harvesting on

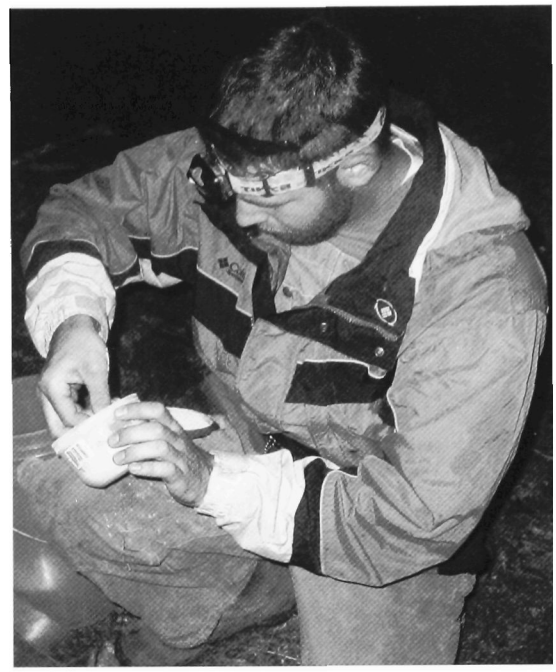


small mammals. I was notified that spring that I had received funding and could start my project.

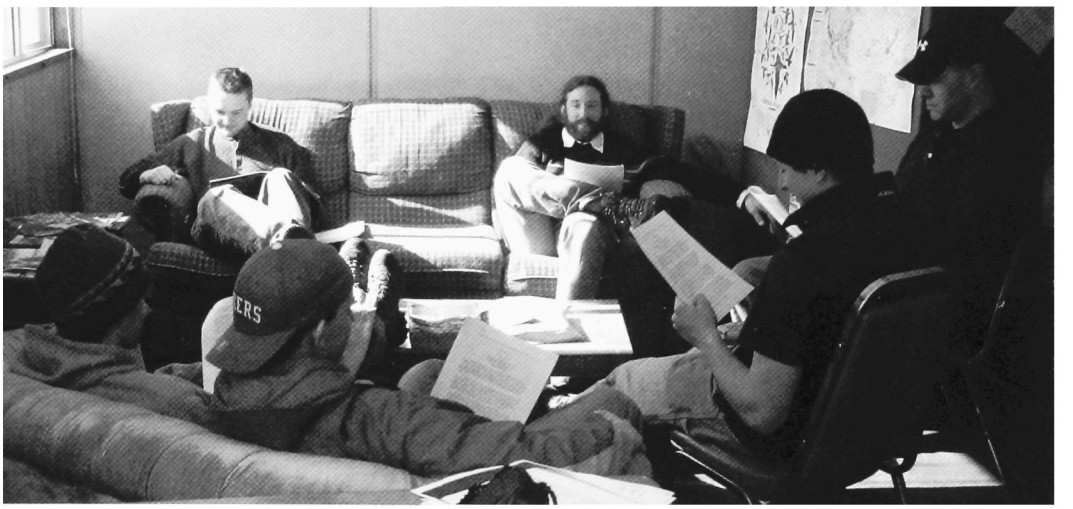
The responsibility of having my own project was overwhelming at times. Along with any good project, there were frustrations that accompanied it. Many of the products I ordered were late and I had to call every vendor at least once. The field work was challenging, both working alone all night and doing vegetation surveys. The ongoing analysis of my results still makes for many long nights. But with these frustrations come lasting rewards. The experience I've gained from designing and conducting this project is unmatched. I have learned so much about research in general, the ecology of small mammals, and about myself. I have submitted another grant request and plan to continue the project for a second field season and plan to publish in a peer-reviewed journal before I graduate.

Top 5 things I've learned from doing my own project:

5. Try not to use your personal vehicle to drive on logging roads, you might end up snapping your ball joints (it only costs $800 to fix) or getting a flat tire (only happened once).
4. Make sure when you decide on your methods that they are feasible and you can do all the work without killing yourself (I only lost 25 pounds during my field season).
3. Make you sure you call all the companies you order products from because their only guarantee is that they will screw it up.
2. Everyone hates Stats, but be sure to know analysis before you start anything in the field.
1. Really love your project…because honestly even after all I've had to deal with, I can't wait to do it again.



Parks, Recreation and Tourism (PRT)



Parks, Recreation and Tourism (PRT)

WSC

Kevin Maclellan
Spencer Perry
Jason Stevens
Keith Trask

FTY

Tyler Alexander
Simeon Allen
Walter Archer IV
Carl Bickford
Jared Boucher
Chandler Buie
Kyle Burdick
Maggie Burke
Christopher Byrnes
Brandie Cambio
Garth Carson
Eric Castonguay
Agata Chomicz
Darren Cole
Ross Congo
Kersi Contractor
Kevin Corti
Robert Cousins II
Robert Coyle
Martin Curnan
William Devore
Brian Eshbach
John Foley Jr.
Brett Gerrish
Daniel Gladden
Nicholas Hahn
Gregory Hall
Chad Hayes
Gretchen Heldmann
Nathan Herrick
Gregory Hutchinson
Daniel Jaffe
John Kauffman
Nathan Kay
Gregory Kirby
William Korth
Emily LaPlante
Jeremy Leicy
Frank Mackinson IV
Mark Mancini
Kathryn Manende
Benjamin Martinelli
Adam Mckay
Wilfred Mercier
Brian Milakovsky
Matthew Neves
Adam Nicak
Matthew Noone
Benjamin Nottermann
Jacob Oberlander
Joseph Orefice
Michael Peterson
John Pinette
Peter Rosen
Eric Salmon
Clark Sanford
Andrew Shaffer
Wade Shorey
Molly Simonson
Alexander Stace
Joseph Stevenson
Brian Stoddard
Matthew Swartz
Timothy Taylor
Michael Tippet
Seth Tompkins
Aneal Virik
Christopher White
Kyle White
Jeffrey Williams
Christopher Wolf

WLE

Audie Arbo
Walter Archer IV
Tyler Alexander
Dawn Bavaro
Daniel Bishop
Kerry Blenk
Michael Boshko
Stephanie Bosley
Jennifer Bradbury
Colby Bruchs
Brandie Cambio
Sarah Campbell
Rebecca Clark
Jaclyn Comeau
Chelsea Corcoran
Keri Crean
Elena Crew
Martin Curnan
Matthew Day
Elizabeth Dionne
David Ellis
Lindsey Fenderson
Shannon Fitzpatrick
Ian Flannery
Nicholas Fortin
Kate Gaudet
Sally Gilbert
David Ginsberg
Patrick Gleason
Tyler Grant
Rose Graves
Craig Hanson
Eric Hanson
Darian Higgins
Kristen Inman
Curtis Johnson
Nathan Kay
Erin Kennedy
William Korth
Catherine Kropp
Kevin Lachapelle
Justin Lafond
Robert Lambert
Keri Lewis
Vanessa Livermore
Derek Lucas
Kristopher Maccabe
Jami Macneil
Kathryn Manende
Mark Martin
Keith Mccullough
Crystalina Mcgrail
Adam Mckay
Caleb Mcnaughton
Alicia Miller
Heidi Murray
Carla Nelson
Joshua Noll
Rebecca Norris
Timothy O'Connell
Cassandra Pease
Joseph Rice
Sarah Roberge
Allan Roberts
Beth Royce
Craig Salmon
Andrew Shaffer
Brian Shaw
Wade Shorey
Molly Simonson
Sarah Spencer
Cory Stearns
David Veverka
Michael Whitby
Brittany Wilson
Jeremiah Wood
Elizabeth Wright
David Zieroth

FES

TJ Baldwin
Agata Chomicz
Keri Crean
Brian Curry
David Ginsberg
Daniel Gladden
Jessica Hudec
Daniel Jaffe
Nathan Jones
Matthew Kasson
Catherine Kropp
Elicia Landry
Frank Mackinson
Nicole Mercier
Matthew Noone
Michael Puleo
Silas Ratten
Seth Rifkin
Matthew Swartz
Stacy Trosper

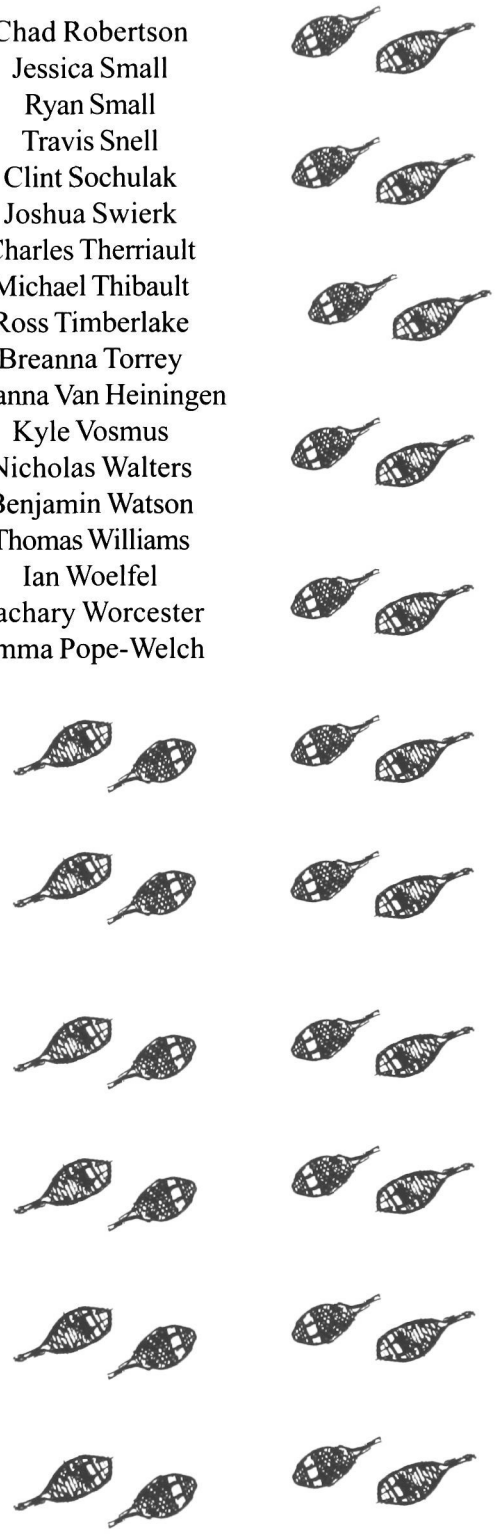
FSC

Matthew Avery
Brian Berube
Joshua Bubier
Thomas Coleman
Dana Direnzo
Jesse Duplin
Rory Eckardt
John Fogarty
Edward Fortin
Walter Flyer Jr.
Tyler Gardner
Brian Hanlon
Ryan Lister
Timothy O'Brien
Aaron Richie
Joshua Roy
Matthew Taylor
Hugh Violette
Christopher Wener II

PRT

Ryan Allen
Charles Aurelia
Ian Ballinger
William Beeaker
Derek Blaylock
Gregory Bradford
Jacob Brodsky
Anthony Butts
Silvia Cassano
Adam Chenault
James Conway
Brenden Cronin
John Donovan
Nicole Donwen
Devin Foley
Matthew Foster
Matthew Galambos
Keith Gilmore
Mark Glasberg
Trevor Goolsby
Susan Harsche
Lee Hoagland
Kyle Irvine
Kyle Jennings
Kristofer Kendall
Jared Koelker
Matthew Lambert
Michael Lincoln Jr.
Scott Logosz
Scott Malicky
Kevin Martin
Samuel Martinelli
Eva Mclaughlin
Christopher Mcpherson
Senath Morrill
Danielle Nalepa
Barrett Nichols
Brian O'Connell
Scott O'Connor
Russel Prime
Patricia Reidman

Chad Robertson
Jessica Small
Ryan Small
Travis Snell
Clint Sochulak
Joshua Swierk
Charles Therriault
Michael Thibault
Ross Timberlake
Breanna Torrey
Johanna Van Heiningen
Kyle Vosmus
Nicholas Walters
Benjamin Watson
Thomas Williams
Ian Woelfel
Zachary Worcester
Emma Pope-Welch



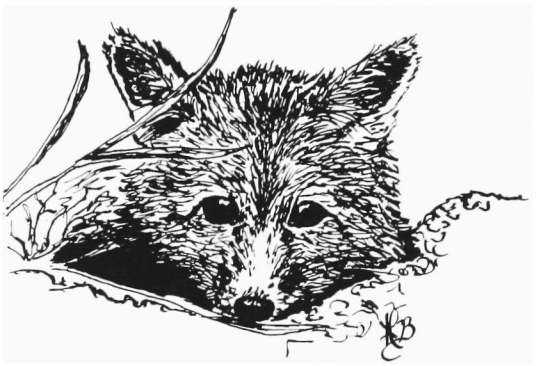
Being A Student Athlete and A Wildlife Ecology Major

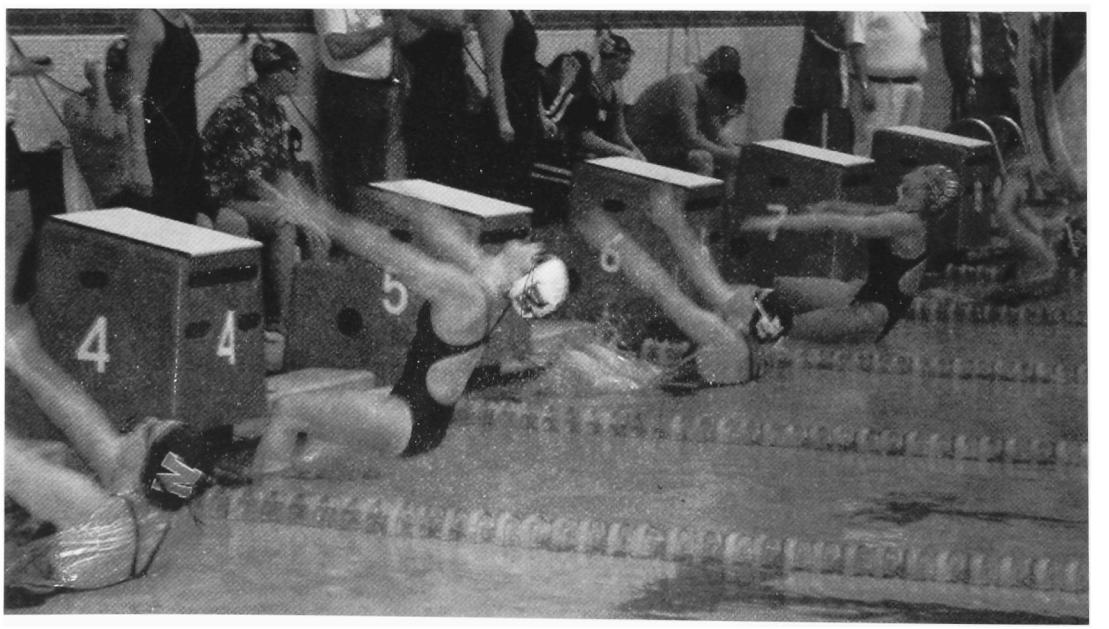
by Crystie McGrail
Wildlife Ecology

As a Wildlife Ecology major and an athlete I run into many conflicts. Between labs, practices, and meets there is hardly enough time in the day to do the expected hours of studying each night. Being a student athlete is not easy. However, over half of Orono's student athletes have achieved a 3.0 GPA or above this year, which I believe is very respectable considering the time and dedication required of them.

While I don't always have the time to participate in clubs and campus activities, I am still getting the experience of a lifetime. Teammates expose me to a more diverse group of people with a range of interests I would never find in classmates, and the friendships found are ones that will last a lifetime. The opportunity to compete as a Division one athlete as well as study at Orono has taught me more than I ever would have learned in the classroom alone.

Studying Wildlife Ecology has also had a profound effect on my life in ways I never would have imagined. Admittedly, I did not really know what I was getting myself into when I decided to pursue this field, and I'm still not sure where I will end up. However, I do know that I will thoroughly enjoy my studies and I can't ask for anything more.



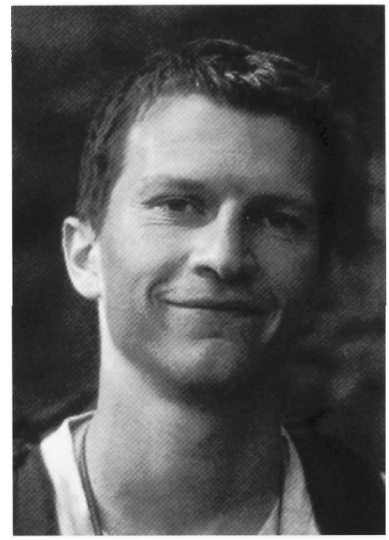


Graduate Students

Stephanie Adams

M.S. Student in Forest Ecosystem Science

Thesis topic:
Age-related decline in the photosynthesis of red spruce



Volker Bahn

Ph.D. Student in Wildlife Ecology

Thesis topic:
The role of dispersal and autocorrelation in shaping animal distributions

Elizabeth Baldwin

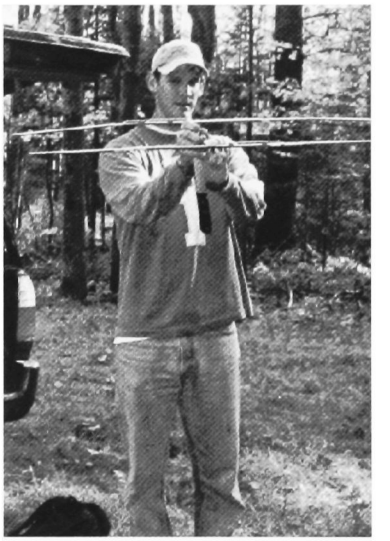
Ph.D. Student in Parks, Recreation and Tourism

Thesis topic:
A critical analysis of the proposal for a Maine Woods National Park and Preserve in Maine's industrial forest

Fredric Beaudry

Ph.D. Student in Wildlife Ecology

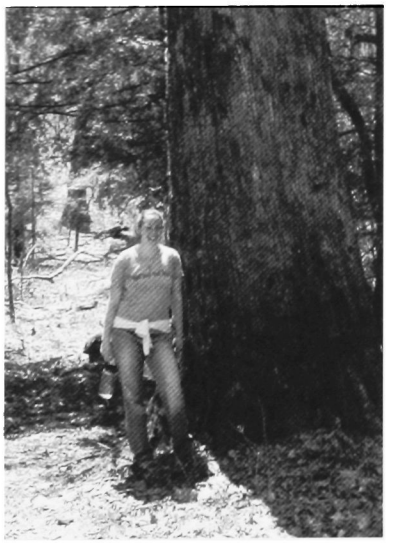
Thesis topic:
Road mortality risk for Spotted and Blanding's turtle populations



Sean Blomquist

Ph.D. Student in Wildlife Ecology

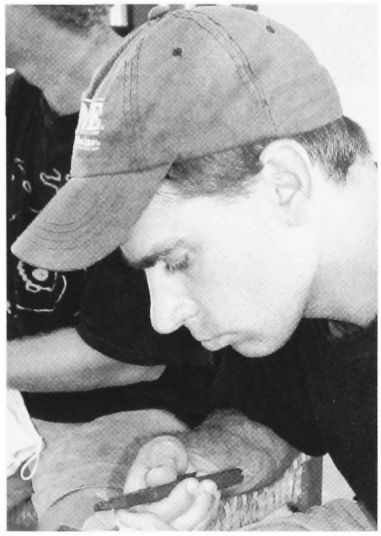
Thesis topic:
The effects of habitat alteration on amphibian fitness, habitat selection and movement



Sarah Butler

M.S. Student in Forest Ecosystem Science

Thesis topic:
The disturbance history and stand dynamics of the Coweeta Basin, North Carolina



Steven Campbell

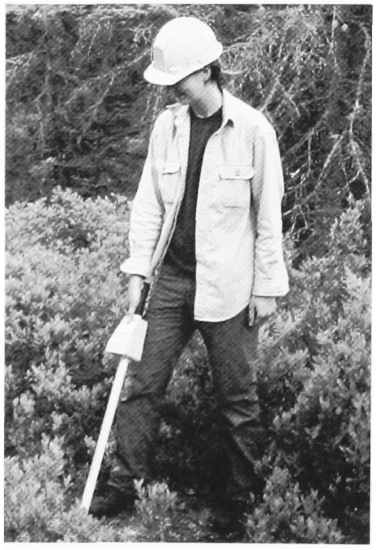
Ph.D. Student in Wildlife Ecology

Thesis topic:
Long-term effects of a group selection timber harvest on the bird community of an oak-pine forest in Maine

Jennifer D'Appollonio

M.S. Student in Forest Ecosystem Science

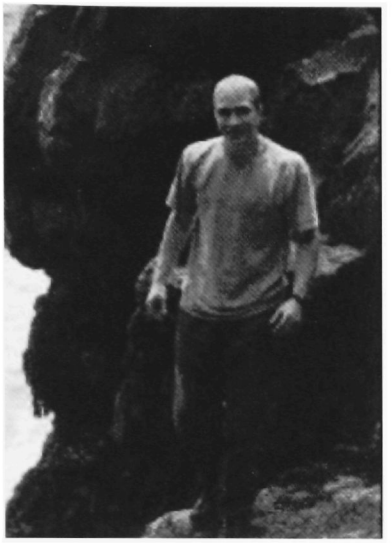
Thesis topic:
Regeneration strategies of Japanese barberry (Berberis thunbergii DC) in coastal forests of Maine



Kristen Hoffmann

M.S. Student in Forestry

Thesis topic:
Land use history and forest succession on Long Island, Maine



Philip Hofmeyer

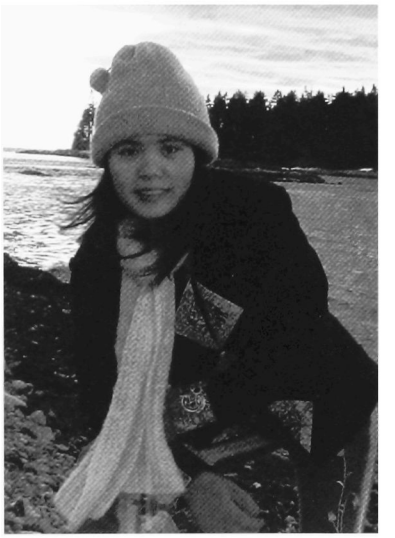
M.S. Student in Forest Ecosystem Science

Thesis topic:
The sustainability and leaf area/growth efficiency of Northern white-cedar through Northern Maine

Suming Jin

Ph.D. Student in Forestry

Thesis topic:
Multi-temporal and multi-sensor monitoring of forest disturbance



Allison Kanoti

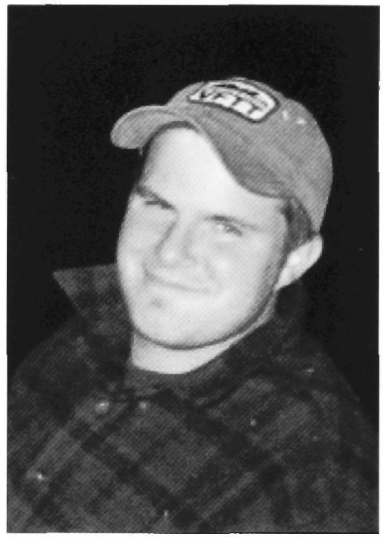
M.S. Student in Forest Ecosystem Science

Thesis topic:
A dendrological study of Balsam Woolly Adelgid damage in relation to climate and site factors in Eastern Maine

Keith Kanoti

M.S. Student in Forest Ecosystem Science

Thesis topic:
Factors influencing the germination, emergence and early survival of native and exotic tree species in the Acadian forest



Spencer Meyer

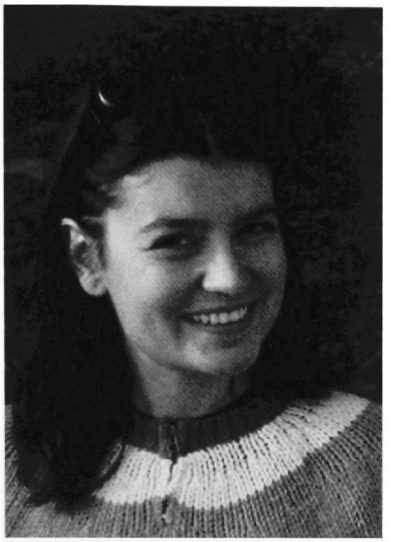
M.S. Student in Forest Ecosystem Science

Thesis topic:
Leaf area as a growth predictor of Abies balsamea and Picea rubens in managed stands in Maine

Elizabeth Munding

M.S. Student in Parks, Recreation and Tourism

Thesis topic:
Tourism stake holders envision



Pilar Palacios

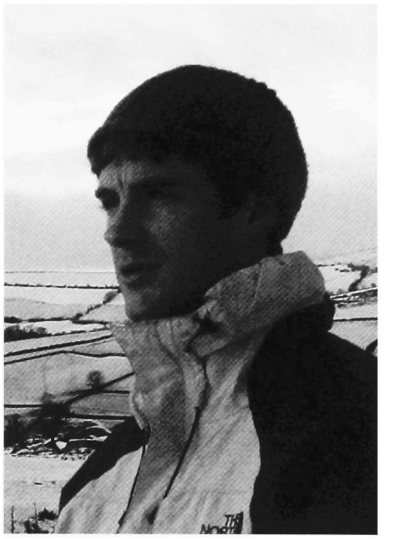
Ph.D. Student in Wildlife Ecology

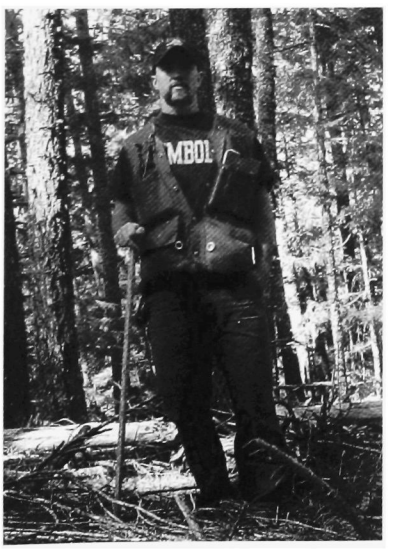
Thesis topic:
The response of Maulino forest amphibians to exotic pine plantations.

David Patrick

Ph.D. Student in Wildlife Ecology

Thesis topic:
Land-use effects on the mechanisms driving juvenile amphibian dispersal: closing the dispersal loop





Tom Perry

M.S. Student in Forestry

Thesis topic:
Wind disturbance

Natalia Politi

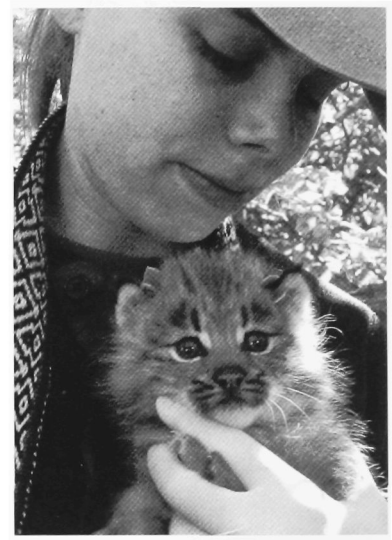
Ph.D. Student in Wildlife Ecology

Thesis topic:
Using cavity nesters to inform sustainable forestry in Montane Forests of Argentina

Laura Robinson

M.S. Student in Wildlife Ecology

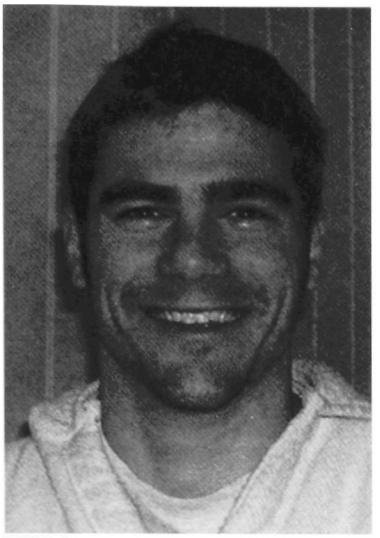
Thesis topic:
Effects of Snowshoe Hare density and landscape characteristics on habitat use by Canada Lynx in Maine



Emily Schillings

Ph.D. Student in Ecology and Environmental Sciences

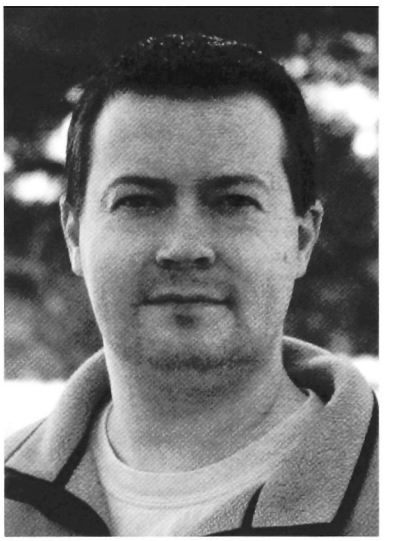
Thesis topic:
Landscape attributes and invertebrate communities of fishless lakes in Maine



Brian Schneider

M.S. Student in Forestry

Thesis topic:
An assessment of the interest level among Maine's non-industrial, private, forest landowners regarding cooperative associations and management alternatives for the purpose of landscape level ecosystem management and local, resource-based economic stability



Kenton Williams

Ph.D. Student in Forestry

Thesis topic:
Methods of intergrating digital photogrammetry with satellite change detection techniques for monitoring of conservation easement lands

Xinfeng Xie

Ph.D. Student in Wood Science & Technology

Thesis topic:
Carbon and carbon composites using wood as a precursor

Xuelian Zhang

Ph.D. Student in Wood Science & Technology

Thesis topic:
Improved adhesive system for wood-strand-based composite

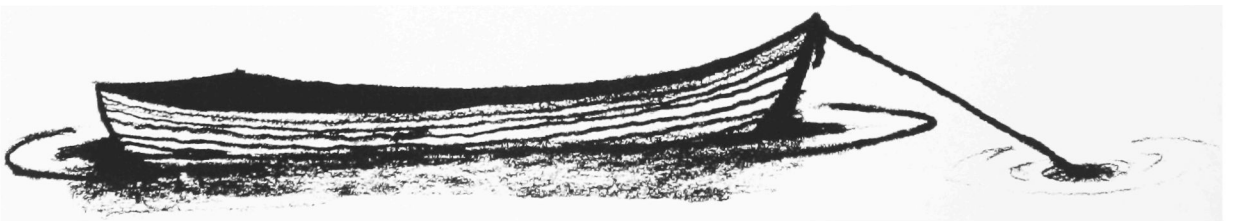
GRADUATE STUDENTS NOT PICTURED

FTY
Oscar Bustos
Katharine Locke
Jason Lyle
Silvia Cordero Sancho
Jesse Studley

FES
Damian Cirelli
Justin Crouse
Robert DeRose
Peter Kenlan
David Ray
Andrew Reinmann
Justin Waskiewicz

WSC
Diogo Baptista
Ryan Mills

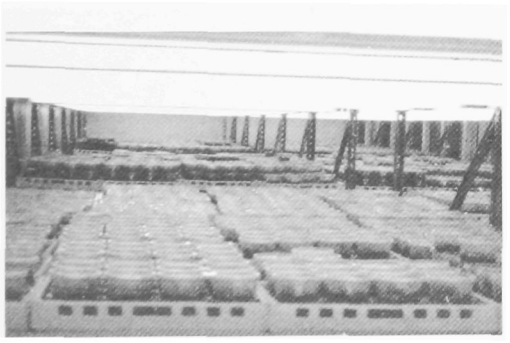
WLE
Rebecca Chalmers
Thomas Danielson
Katie DeGoosh
Angela Fuller
Jeremiah Hayden
Stephen Kneeland
Jennifer Kurth
Jon McCloskey
Jordan Perkins
Dianna Queheillalt
Erin Simons
John Skinner
Carol Strojny



Applications of Genetically Enhanced Trees

By Kathy Carter
Associate Professor of Forest Resources

Advances in the understanding of plant genetics and plant propagation over the past few decades have led to the widespread application of genetic engineering in several types of annual plant crops. For example, within the past few years the use of genetically engineered soybean plants (primarily those with an introduced resistance to glyphosate herbicide) has become widespread in the United States, to the extent that now well over half of the soybeans grown in this country are engineered to carry the herbicide-resistant gene. Are we likely to see similar applications of genetic engineering applied to forest trees? Let's look at some of the possibilities.



First, it's important to understand that genetic engineering is completely different from the traditional types of plant selection and breeding which have been applied to trees for many decades now. Traditional tree breeders select and propagate individual trees of a particular species that have favorable combinations of characteristics. They do not directly modify the genome of the tree, or introduce new genes from other species of plants or animals. The selected superior trees may be propagated by seed (in seed orchards) or clonally using rooted cuttings or tissue culture plantlets. These traditional tree breeding techniques are now widely applied to trees and generally well accepted by forestry professionals and the public.

Genetic engineering, however, seeks to identify useful genes from other species and insert these into the genome of the "enhanced" tree, or to directly modify the expression of existing genes. Some applications of genetic engineering which have been suggested for application to trees include the introduction of genes for insect resistance or herbicide resistance; modification to reduce the expression of lignin-producing genes; and re-designing tree architecture to maximize the production of useful wood and reduce the size of "uneconomic" structures such as branches and roots.

Due to their woody cell walls and long lifetimes, the application of genetic engineering techniques to trees presents some unique difficulties as compared with annual plants. However it seems likely, given the rapid development of gene engineering technology, that technical problems associated with genetic engineering in trees can be overcome. The larger question may be, will genetically engineered trees become widely planted in forestry applications? David South, an authority on forest production in the southeastern US, argues that given current prices for pulpwood, the extra expense associated with planting genetically enhanced southern pines makes them unprofitable under current conditions. (For more information, check out South's very interesting comments at www.forestry.auburn.edu/sfnmc/class/getrees.htm) In addition to economic realities, various types of public and political pressures in the US seem likely to limit the deployment of genetically engineered trees. Eco-terrorists have vandalized laboratories and research plots associated with them; and sustainable-forestry certification groups generally prohibit their use. Unless these types of economic and social barriers are overcome, genetically engineered trees are not likely to find widespread application in forestry in the US.

Quotable Quotes
Faculty & Staff

"Tre(e)hugger is Norwegian for logger."
- Dave Field

"It's a crap shoot." - Al White on seedling growth and survival

"And so on and so forth." - Dave Field

"Toast my top." - Al Kimball

"It just crushes the hell out of it." - Dave Field

"Jake and Rory are right, and Greg is off the mark."
- Al Kimball

"And that's total bulls**t." - Dave Field

Al on ....? : "You just have to make sure the holes are small enough that the piglets don't get through."

"And the Dean was pissed." - Dave Field

"It's not chopped liver." - Dave Field

"It is going to take energy; like trying to take candy from a baby, or a beer can from a student."
- Dr. Livingston

Al: "So Imagine you're the pilot of this helicopter and they tell you that you have to drop this 250 gallon bucket into a boghole and fill it, what's the first thing you absolutely want to have?"
Maggie: "Bug spray?"

"Invented in Canada, for that kind of stuff."
- Dave Field

"Some people get on me for multi-tasking, like brushing my teeth and using the urinal. People need to understand that there are only so many hours in a day." - Dave Field

"I used to bring back cases of Coors beer, until I decided it wasn't worth drinking." - Dave Field

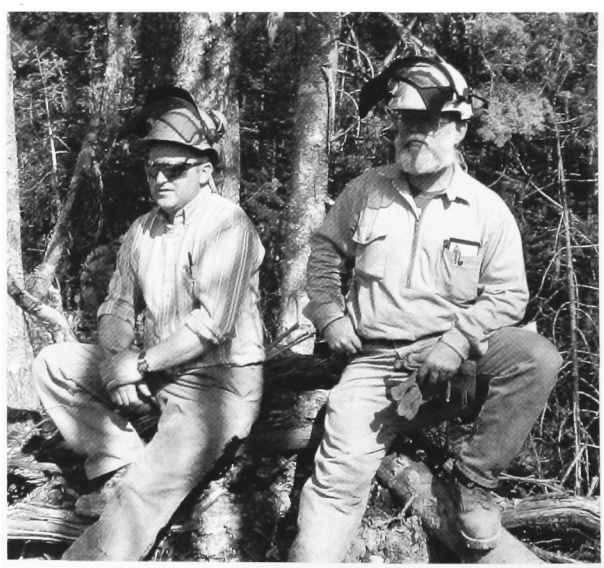
"You're Easterners, that's the problem."
- Al Kimball

"Paper coated Rubbermaid Hertz rental car."
- Dave Field

"If you really want a good grade, you need to taste your wood. Ask Dr. Jagels, he recommend it."
- Barry Goodell

"I mean, I'm really old." - Dave Field

"Oh, oh, I'm sorry, I'm in the past here"
- Dave Field



Trying hard to be cool.

Quotable Quotes

Faculty & Staff

"I would peg him back around 2000 B.C. in science." - Dave Field

"The name of this class is 'I-Remember-Everything-And-I-Wanna-Prove-It' "
Tom Brann

"The State has no control, only the Lone Ranger and Tonto can enforce those laws." - Dave Field

"That's dangerous, bad ass, bulls**t!"
- Al Kimball

"There was a second one hired and naturally we call him Tonto." - Dave Field

"You could go up to a pretty girl and say, 'Hey, I'd like to take some jitterbug lessons with you." - Ben Dresser

"Cindy, if you can't control yourself you can't have another drink." - Dave Field at Egan's party

"NASA's got nothing on the human body."
- Al Kimball

"They get a little fussy about that, no more two martini lunches." - Dave Field

"You can't always roll something downhill."
- Warren Hedstrom

"You expect a range of things from Vermont."
- Dave Field

"Whoops! The machine fell asleep while I was talking, I guess that doesn't speak well for me."
- Dave Field

"Birds are just lobsters with feathers."
- Al Kimball

"I'm going to shut the lights off, if I lose you try not to snore." - Dave Field

"Burnt regen...it's like burnt baby bunnies."
- Al Kimball

"Somebody start whistling the theme to *Close Encounters*." - Dave Field

Bob Seymour on how using forwarders and in-woods de-limbers are better than grapple skidders: "It's like, HUGELY better."

"We will now add to the list of 'Clever things by Dave Field'" - Dave Field

"How many horsepower is it?"
Warren Hedstrom on any piece of equipment out there, be it margarita blender or harvester

"I agree to allow you to use the most remote one acre of my woodlot to grow marijuana."
- Dave Field

"This is the Louis Meter (holding up a stick). This next one is a bit shorter, and this one is perfect (holding up a long stick), because I wish I was bigger." - Louis Morin

"You could operate out of your bedroom at your folks house if you wanted...not a good idea."
- Dave Field

"The F word is used... fraud, leading to the second F word, felony." - Dave Field

"That curve isn't linear." - Al Kimball

"This tells you... well I don't know what this tells you." - Dave Field

"If you don't like your lab partners, just shoot them" - Louis Morin

Quotable Quotes
Faculty & Staff

Bob Seymour on age-diameter relationships:
"They're based on a quick 'n' dirty sample."

"Canada worries a lot about annual allowable cut, I worry about the light conditions in this room."
- Dave Field

"If you get this wrong, I'll shoot you."
- Ivan Fernandez

"If you'll fight that fire with an Indian tank, then we'll send you to Alaska, to find a polar bear with a sharpened stick." - Al Kimball

Al on Scaling: "Could I sell a log by the orange? Yeah, if I had a stick with orange on it."
Later in class: "The 'truck' with the extended cab with doors and the box in the tire wells that can hold 3 buckets of sand, those should be sold by the orange."

"Just think of glucose as a big cooler of beer."
- Dr. Livingston

"I was sitting in a barbershop in Gorham New Hampshire, about forty years ago..."
Dave Field

"You need to worry a lot about bad things happening." - Dave Field

"We were talking about sex and alcohol I believe."
- Barry Goodell

"If lawyers are ethical, well we expect them to be."
- Dave Field

"Everybody is signed up for the first lab on Friday, except John Pinnette, cause he is special."
- Dave Field

"Sacrifice to science." - Lech Muszinski after breaking a window blind in Nutting

Umm, the picture speaks for itself.

Quotable Quotes

Faculty & Staff

"I don't know much about car engines.....sure there's nasty combustion byproducts, but that's the American way. You can't see it so it must be ok (that's the American way too)." - Al Kimball

"Environmentalists are hell to live with, but they make great ancestors." - Brett Vicary (VP of timberlands for Sewall) at NESAF

"If we have a real fire, just jump out of the window." - Barry Goodell

"I am a native of Augusta." - Dave Field

"This is a tree, these are people." - Dave Field

"It says Spring 2004 on the handout, but don't worry, nothing ever changes." - Dave Field

"The solution to pollution is dilution." - Al Kimball

"They are from Maryland, and well, they are different down there." - Dave Field

"Humans are like moths, so it's a good thing we don't have wings." - Al Kimball

"This is the one that I sit at the table with my rifle and say sure you can." - Dave Field

"The entire purpose of this law is to make it easier to blow away deer." - Dave Field

"How do we label him? Environmentalist? Wacko?" - Dave Field

"The geezers are going to dominate." - Dave Field

"Smart people have egos." - Dave Field

"And don't talk to the guys growing the marijauna, unless he is a relative and you are an old customer." Tom Brann

"I'll see Ted next week and I'll ask him what he was smoking when he wrote this." - Dave Field

"You get these printouts and it says do trees." Dave Field

"The trajectory of an acorn is spelled T-H-U-D." - Al Kimball

Dave Field: "It's entitled 'Pain and Pleasure' "
Ross B.: "Alright!"
Dave Field: "No Ross, it's not that kind of book."

"As I read these, your eyes will surely glaze over."

Al finally proves he can catch fish.

Quotable Quotes

Faculty & Staff

"This is the default, except I have changed it."
- Al Kimball

"National sales tax is harder to evade than an income tax, which seems to be a national sport in Europe." - Dave Field

Bob Seymour on the seed tree method of regeneration:
"...seed tree can work spectacularly, when it works."

"If you take a tax map and it fits, something is wrong." - Al Kimball

Tom Brann: "It needs to be precise to the diameter of a gnats ass."
Nottermann: "That's a Forester quote."
Tom Brann: "Sh*t."

"Are they hustlers or losers?" - Dr. Rice

"You can drop a lodge pole pine on someone, and it won't hurt them much cause they are all bushy."
- Dave Field

"Did you ever get into a discussion with someone where you know what they ought to know?"
- Al Kimball

"To quote a former colleague, 'All you have to do is die'" - Dave Field

"If you have read the material and come to class, along with a few other improbable assumptions, the test won't be hard." - Dave Field

"I have ***another*** handout here." - Dave Field

"Cut a tree, get a hugger." - Dr. Rice

"Ed, you are smiling, take this seriously."
- Dave Field

"Speaking from personal experience, it is never a good idea to stand up in front of a law enforcement group and tell donut jokes."
- Dave Field

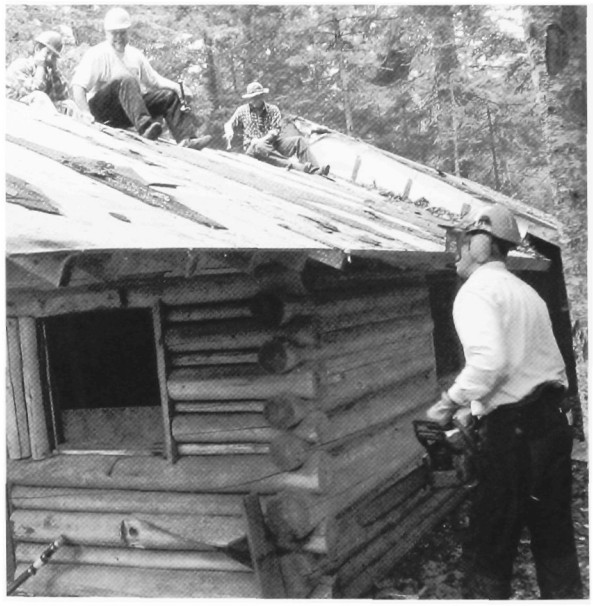
"I hope it wasn't when I had my finger in my nose."
Dr. Rice

"Moisture content: the sizzle factor."
- Al Kimball

"It's not the only class that you may be inclined to snore in." - Dave Field

"Soils creep doesn't necessarily mean your soils instructor." - Ivan Fernandez

"I'll design it so anybody can do it, even you Ben."
- Dave Field



The day Dr. Field finally had it with his wise cracking students

"Why don't you look like this? Because you are not on drugs." - Barry

Quotable Quotes

Faculty & Staff

"You aren't the brightest group I've ever taught, but you're all real good guys." - Dave Field handing back an Economics test

"... the skinny zillionth of a mouse's whisker."
- Al Kimball

"Which plan will pad my golden parachute when I bail out as a loser?" - Dave Field

"Past tense wildlife - sad." - Al Kimball

"Since Benjamin Nottermann is not here, I'm going to pick on someone else." - Dave Field

Dave Field: "You must all have read chapter 9."
Ross C. : "Um, no."

Al: "Cooking a hot dog is like shooting a dead rabbit..."
Maggie: "Yeah, it makes us feel good."

"Wood is really the perfect building material for Mars" - Lech Muszinski in Mechanical Properties

"I have three rifles and two shotguns, if I don't get my way... well, you may read about it in the paper."
- Dave Field

Bob Seymour on how silviculture is NOT a cookbook:
"If you're going to follow a cookbook, you might as well become a forest technician and stop thinking."

"There's no such thing as bad poop."
- Al Kimball

"Spotted owl tastes a lot like spruce grouse, you need a lot of baking soda to get the taste out of your mouth." - Dave Field

"Sometime over a beer, I'll tell you how we did cut that." - Dave Field

"It's a good thing I'm not a terrorist."
- Al Kimball

"We had to snowshoe up hill both ways, well you have heard the rest." - Dave Field

"Florida's a special thing. I've been hearing things..."
- Al Kimball

"We can't even call them hypocrites. I mean, that implies that they have a clue" - Dave Field at NESAF on the general populations use of products and beliefs of forestry

"If you can light it in six places...well, HELL!"
- Al Kimball

"In past years, IP has been my favorite joke."
- Dave Field

"Robin doesn't come sing in my singing spot."
- Al Kimball

"I can think of cutting a tree as a very small clearcut." - Dave Field

"Material Science is a waste, waste.....wait, how do you say.....Oh yes, vast, vast field."
- Lech Muszinski in Mechanical Properties

"The Shadow knows. BWAHAHAHAHA."
- Dave Field

"Lick 'em off and they're going!" - Al Kimball

"There's all that, like, stuff." - Al Kimball

"I'm spatially challenged." - Dave Field