



The Prairie Arborist

The Official Publication of the ISA Prairie Chapter Issue 3, 2014



Keith's back yard September 2014



Bonnie Fermanuik

Thoughts from the Prez

“Love the trees until their leaves fall off, and then encourage them to try again next year.” **Chad Sugg**

September is turning out to be another busy month with the 2014 plantings coming to an end and the early snow fall.

During my travels I was very impressed with the Urban Forests in Saskatchewan and Alberta as they contended with the

2014 weather extremes; a long, cool spring, and then extreme highs through the summer.

I first want to thank the TCC committee for all their hard work in hosting another successful tree climbing competition in Saskatoon. The climbers, host committee and volunteers all worked together to have a great weekend. Special thanks to Lizette coming out to do out scorekeeping. It is a big job that she does so well.

We all appreciate all the volunteers.

Thank you to Jesse Antonation and Charlene Scott and congratulations on your placements. They represented the Chapter at the International Tree Climbing Competition in Milwaukee in August.

Another big Thank-you goes out to STOPDED for their work on Dutch Elm Disease prevention and prevention of other invasive disease affecting the health of our urban forests. Our partnership with them over the years is so important. The increased networking is invaluable to all in the industry. Networking opportunities between the groups makes us both so much stronger.

As a chapter I think it is important that all fields of arboriculture are represented and we would welcome the participation and sharing of educational articles through our newsletter. Our Chapter is only as strong as its membership – you all are important to our success.

The Chapter is hosting its second TRAQ COURSE in Lethbridge on November 12-14. Remember to register early because if we don't have 15 paid participants by October 10 we will have to cancel. Once this course is full we will start to plan another one.

“A nation that destroys its soils destroys itself. Forests are the lungs of our land, purifying the air and giving fresh strength to our people.” **Franklin D. Roosevelt**

Hope to see you all in Saskatoon October 27 & 28 for the annual Conference. This year we are featuring James Urban.

2014 ISA Prairie Chapter Conference

Monday October 27 and Tuesday October 28

Its not too late to register for this conference
The theme of this year's conference is
“Roots of Success”

The program's key theme areas are:

- Tree Roots – healthy trees and soil in the urban community
- Successful business – train the trainer, hands-on workshops for the arborist
- Urban forestry challenges – discussion forum
- Designing space for trees – success can be achieved when landscape architects, designers, utility specialists and arborists collaborate.
- The ISA Prairie Chapter Conference presents keynote speaker:

**James Urban — author of
“Up by Roots”**

10 CEU's available

Registration package is available at
www.isaprairie.com

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Chapter Exam Dates

October 26, 2014 2:30 pm – 6:30pm

Go to this link for details

[view the calendar for a list of exam dates and locations](#)

**For more information, contact
Gordon White Certification Liaison.**

Phone: 403-899-5682

gwhite@okotoks.ca

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TRAQ IS BACK

The Prairie Chapter will offer another course November 12,13,14 .in Lethbridge Alberta, hosted by one of our members, Maureen Sexsmith West. Thanks Maureen. Please register by October 10. Go to

[TRAQ events](#) for details. **14.5 CEU's available**

[Tree Risk Assessment Candidate Handbook](#)

2014 ISA Prairie Chapter Tree Climbing Championships

The 2014 Tree Climbing Competition was held in Saskatoon's Ashworth Holmes Park on August 23 & 24. We had beautiful set up days and a beautiful prelim day and a Masters Challenge day that held off the worst of what it came to give us until we were finished.

There was a total of 25 climbers— 23 men and 2 women and probably at least that many volunteers.

Thanks to Robin Adair of Arbour Crest in Saskatoon for being the local TCC Chair but special thanks to the City of Saskatoon Michelle Chartier, Terri Smith and the Forestry crew. What a pleasure to work with this positive and skilled bunch of people.

Congratulations to all the competitors and thanks to all our volunteers. Gerard Fournier has been the lead on this event for several years and brings professionalism and confidence to the TCC, ensuring its success.

Kali Alcorn placed first in the preliminary events for the women and Ian Jones won the Masters Challenge for the men, narrowly beating long time Champ Jesse Antonation.

More TCC pics on page 6

Editor

Climber Specialist Certification

We are looking to register some climbers with the ISA Certification Department, who would be willing to test climbers wishing to attain the Climber Specialist Certification.

To find out more, contact Keith at the Prairie Chapter office.

[ISA Certified Tree Worker Climber Specialist®](#)



Master's Challenge winner, Ian Jones receives the Steven Beardsworth Memorial Trophy from TCC Chair Gerard Fournier



Some of our sponsors present "the Masters" with prizes. Mark Friesen - Tree Stuff, Rob Romeril - Arborist Supply, and Robin Adair-Arbour Crest – event sponsor and Chair of the local TCC committee



Masters Challenge Competitors
L to R: Toni Marie Newsham, Jean Mathieu Daoust, Ian Jones, Jesse Antonation, Kali Alcorn

Don't miss the 2014 Annual Conference in Saskatoon October 27 and 28. Here are a few of the highlights.

Our Keynote

James Urban, FASLA specializes in the design of trees and soils in urban spaces. He has written and lectured extensively on the subject of urban tree planting and has been responsible for the introduction of many innovations including most of the current standards relating to urban tree plantings. His 2008 book 'Up By Roots: Healthy Trees and Soils in the Built Environment', is becoming one of the principle tree and soil references. In 2007 he was awarded the ASLA Medal of Excellence for this contribution to the profession of Landscape Architecture. He is the 2013 recipient of the ISA Award of Achievement for long-term contributions to the profession of arboriculture.

Urban trees and soils – Keynote address

This introductory lecture will cover the ten design principles in Up By Roots. Starting with a concept as simple as plant the easy places first or making space for roots under pavements to the rational of separating planting soil drawings and specifications from the actual planting plan and planting specifications, the ten design principles guide designers to functional and healthy urban trees.

Trees and nursery issues

No matter how good the planting site is, poor quality nursery stock will result in poor tree performance over the long term. While there has been some effort to improve the branch problems with new trees, the root system problems continue to plague the industry. Problems with the root system cause tree failures both during plant establishment and much later in the trees life cycle. This lecture will present different types of root problems, the tree growth issues that follow these defects and what the solutions may be.

Trees and soils in urban storm water management

The treatment and storage of urban storm water is a hot topic in the design professions and often drives large-scale site design issues. Trees are often seen as a critical part of the design and concept. But the details of bringing together trees, urban soils, and highly controlled water flows requires levels



of understanding that is not part of the training of landscape architects. This session will look at the most frequent mistakes we are making in bringing together storm water with trees in dense urban areas.

Sara Williams

Retired as the horticultural specialist of the University of Saskatchewan, Sara Williams is author of *Creating the Prairie Xeriscape* and *In A Cold land: Saskatchewan's Horticultural Pioneers*. With Hugh Skinner, she has written *Best Trees and Shrubs for the Prairies*, *Best Groundcovers and Vines for the Prairies*, and *Gardening, Naturally: A Chemical-free handbook for the Prairies*. Her newest book is *The Saskatoon Forestry Farm Park & Zoo: A Photographic History*. She has written hundreds of articles for various publications.

Sara has received a number of awards over the years, including the Meeswasin Conservation Award, 2010; the Saskatchewan Book Award, 1997, for the first edition of *Creating the Prairie Xeriscape*; and the Prairie Garden Award of Excellence, 2008. She was inducted into the Saskatchewan Agricultural Hall of Fame in 2013.

Sara holds a B.A from the University of Michigan in English and History as well as a B.Sc.(with great distinction) and M.Sc. from the University of Saskatchewan in Horticulture.

The founding editor of the *Gardner for the Prairies* (now the *Prairie Gardener*), she helped initiate the University of Saskatchewan Master Gardener Program which she coordinated for many years.

Sara developed her first garden in the 1960s in the school courtyard in Tanzania, East Africa where she was a volunteer teacher. In the last several years she has helped to raise over \$200,000 for a hostel for impoverished Tanzanian girls so that they can attend secondary school. She gardens on 5 acres of sand near Saskatoon.

Doug Usher

Working in a physically demanding job can be challenging. Without strategies to take care of your body at work and in preparation for work, it can be all too easy to find yourself struggling with back pain or other physical issues that impact your work and your activities outside of work. Find out what you can do to minimize the risks of injury, take care of your body, and structure your work tasks to keep yourself functioning at your best.

Graduated from Occupational Therapy at the Univer-

sity of Alberta in 1990, working since that time as an Occupational Therapist in Alberta, Saskatchewan and New Zealand. Post graduate education has included training in ergonomics, worksite assessment, functional capacity assessment and return to work planning. Work has included workplace injury rehabilitation, pre-employment screening, functional capacity assessment, ergonomic assessment and injury prevention education, including work for a range of industrial employers such as Agrium Potash, City of Saskatoon, Cameco, New Zealand Post, Saskatchewan Research Council, and Canada Post.

Ellen Sawchuk

This talk will give people insight into what the U of S fruit program does in a year. It will cover basic information on all of the crops that we work with as well as how we conduct our research. It will cover pruning techniques, harvesting, cultivation practices and much more. Emphasis will be placed on Haskap, Sour Cherries, Apples and Grapes.

I graduated from the U of S in 2010 with my horticulture degree. I have been working with the fruit program since 2009. I started as a summer student and was hired as a full time tech once I graduated. I also teach classes with the U of S master gardener program as well as the prairie hort certificate program.

Jeff Boone

In Saskatoon many of the trees in the urban forest are not native to the area. Many of these trees are brought into the city as nursery stock which is a common route of entry for insects and diseases. To intercept problematic insects and diseases, we work closely with public and private stakeholders to remove any infested or infested nursery material. We implement a early detection and rapid response when unknown insects and diseases are found. I will discuss the costs and benefits of our nursery inspection program.

Jeff Boone is the Pest Management Supervisor with the City of Saskatoon. He leads the forest insect and disease management programs for the City of Saskatoon. Prior to moving to Saskatoon in 2008, Jeff worked for the City of Toronto and the Canadian Food Inspection Agency on the Asian longhorned beetle, gypsy moth and emerald ash borer programs.

Joel Beatson

Baby boomers are retiring. Who is Gen X and Gen Y? How will their buying habits differ? What does this

mean to my company? The consumer habits between generations are rapidly changing and how they view our industries products and services is very different. This session will focus on the latest market data on the horticulture industry. Now is the time to start planning for where you want to be in ten years

On-the-Job (OJT) Training is a lightweight, highly effective, easy to learn method to train where most of the training in our industry occurs – on the job! By focusing on the *why* behind the *what*, trainers can improve efficiency, quality and safety. Attendees will gain a fresh perspective on training, including a demonstration of OJT in action along with helpful tips on how to implement it at your company. By improving how we train we can reduce errors and retraining, and thus improve the bottom line.

Joel Beatson is Executive Director of Landscape Alberta, having recently relocated from the Canadian Nursery Landscape Association. Joel is one of the founding Master Trainers of the OJT program and has worked closely to help the Landscape Horticulturist trade achieve Red Seal status. Joel is also a Certified Association Executive and Landscape Industry Certified Manager.

Cedric Bertrand

Will provide a threefold presentation looking at the challenges related to climate change we are experiencing now and will experience in the future. 1) It will provide facts about our changing world and what actions can be done to reduce or mitigate our impact. 2) ISA delegates will also learn about the importance of trees and the general criteria regarding the establishment of carbon planting projects to generate carbon offsets. 3) It will present the Tree Canada organization and its programs.

Cedric has been working at Tree Canada for 4 years. During that period he's been managing urban forestry programs, coordinating projects across the country, participating in efforts to promote urban forestry in Canada, developing plantation programs for several sponsors and developing and managing Tree Canada's Grow Clean Air program.

A graduate of Universite' de Moncton in forestry science, Cedric is part of a new generation of foresters increasingly focused on environmental protection and sustainable management of forest resources.





All photos on this page were provided by Linda Moskalyk



City of Saskatoon – Michelle Chartier, Terri Smith and the Urban Forestry Crew

Arboriculture Canada Training and Education- Dwayne and Nancy Neustaeter

Arborist Supply Co Inc. – Rob Romeril

Tree Whisperer & TreeStuff Climbing Gear- Mark Friesen

Arbour Crest – Robin Adair

GreenDrop Winnipeg – Matt Vinet

Adair Tree Care – Matt Davis

B&B Tree Service- The Herman Brothers

Stump Solution- Russell Smella

Super Pro – Bronco Scorupan

Schwinghammer Tree Service – Rick Schwinghammer

TreeWise – Dave Lutes

Arborest Expert Tree Service- Keegan Seward

Vermeer Canada – Saskatoon

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Arborist Supply Co Inc.

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Work Climb– B&B Tree Service

Aerial Rescue - GreenDrop Winnipeg

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Throwline combo- Schwinghammer and Superpro

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Dave Lutes- TreeWise

Keegan Seward- Arborest Expert Tree service

Russell Smella–Stump Solutions

City of Saskatoon- for hosting, Tree Prep, gators, photocopies and being awesome.

Scores are available on line

<http://www.isaprairie.com/tcc-scores>

Save the Dates for the 2015 ITCC and ISA Annual International Conference

Due to the potential for excessive heat in both Florida (2015) and Texas (2016) during the month of August, the International Tree Climbing Championship (ITCC) will be held during a more moderate season for the next two years. In 2015, the ITCC will take place in Tampa, Florida, March 21-22, and the ISA Annual International Conference and Trade Show will be held August 8-12 in Orlando, Florida.

During the ITCC event in Tampa, you will also be able to enjoy ISA's Arbor Fair onsite, which will include many trade show exhibitors. Additionally, Tree Academy workshops and educational sessions of specific interest to climbers will be offered during the 2015 ITCC weekend. Watch for schedules and more detailed information coming soon!



Snowtember the Arborpocalypse

Title by Gerard Fournier, Pictures as indicated, story by Keith Anderson

More than 30 centimetres of snow fell when a storm hit Calgary. The storm began Sept. 8, and when it was over, it was in the record books as being the largest accumulation of snow seen before the fall equinox in 130 years.

With all trees in full leaf, they became a net trapping and holding the heavy wet snow until they hit their failure point and then things just came apart.

Of the 500,000 City owned trees and the approximately 1.5 million trees on private property they figure at least 50% were damaged by the snow load. This resulted in damage to the entire tree canopy in the city that will take decades to recover and replace. The city's annual pruning efforts typically can get to 30,000 trees annually. The math speaks for itself, with over half the inventory affected, as to how long and the human resources required to address the problems.

As a Prairie city where most of the trees were planted by people over the years, the devastation not only affects the city environmentally and aesthetically, but

socially as well. Calgarians love their trees.

Some predict that restoration and repair could take until 2017, while the City predicts that first response will take until the end of the year.

Power was out at more than 80 intersections and off at 74,000 houses. Calls to the City's emergency hotline exceeded the number logged during the 2013 flood. Calgary has been devastated by two major environmental events in two years.

The city of Calgary closed their 3000 parks and green areas until the trees could be assessed for integrity and safety. City foresters are worried that people will not take the closure seriously now that the snow is completely gone.

On the disposal side the Director of waste and recycling services, claims that so far over 5 million kilograms of tree waste has been dropped at collection sites and at the land fill which is about 10 times average annual amount for this time.

The cleanup bill for the snowstorm is expected to reach \$18 million by the end of the year. The City of Calgary will be applying to the provincial Disaster Recovery Program to assist them in recovering some of their clean up costs.

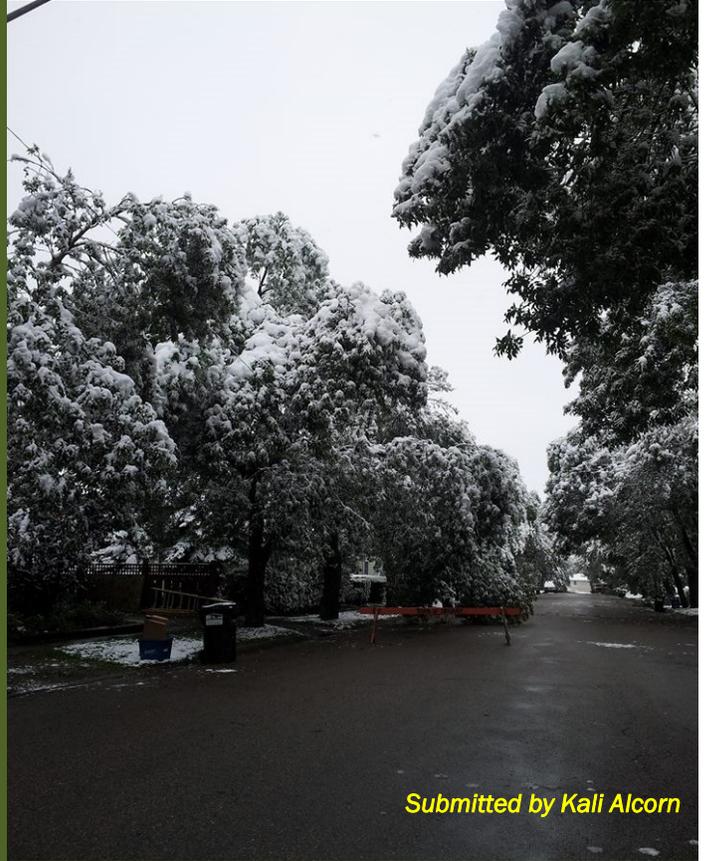


Submitted by Kali Alcorn

Snowtember the Arborpocalypse



Submitted by Calan Lovstrom



Submitted by Kali Alcorn



Submitted by Phil Renaud



Submitted by Stephen Carlton



Submitted by Gerard Fournier

Edmontonians celebrate National Tree Day at Sir Wilfrid Laurier Park

The City of Edmonton hosted a National Tree Day celebration at Sir Wilfrid Laurier Park on Sunday, September 21. Citizens kicked off National Forest Week by planting trees and learning about the benefits forests provide wildlife in the city.

A highlight of the event was the tree give-away where people could either plant trees or donate to a conservation fund in order to take some trees home.

Interpreters from the John Janzen Nature Centre were present to share artifacts and natural history knowledge related to local wildlife that use forests for food and



shelter.

Families also tried bird seed art (painting seed onto trees in patterns) and created pine cone bird feeders to hang in the park.

A total of 368 trees and shrubs were planted during the event, and 154 trees and shrubs were taken home by citizens who were encouraged to map the trees they planted using yegTreeMap – Edmonton's online, interactive database of trees in the City.

Visit

www.rootfortrees.ca

for more information about tree planting events in Edmonton or yegTreeMap.

Written by Nicole Fraser
Community Greening
Coordinator

Industry-Leading Workshops for Tree Care Professionals

Thursday, November 13

Conservation Arboriculture and Tree Risk Assessment

A View from the Top of the Redwood Forest

*Philip van Wassenae, B.Sc, MFC.
Urban Forest Innovations.*

Friday, November 14

Tree Pest Management in the City of Edmonton

Mike Jenkins, Urban Parks & Biodiversity.

Emerald Ash Borer Research

Dr. Barry Lions, Research Scientist, Insect Spatial Analysis, Great Lakes Forestry Centre.

CFIA and its Response to Emerald Ash Borer

Troy Kimoto, Forest Survey Biologist. Plant Health Survey Unit, CFIA.

Attracting the Good Bugs

Dr. Ken Fry, Coordinator for Environmental Horticulture, Olds College.



All sessions available for CEU credits.

The Green Industry Show & Conference

November 13 & 14 | 2014 | Edmonton EXPO Centre at Northlands | Edmonton | AB

www.greenindustryshow.com

1-800-378-3198

City of Edmonton partners with The Carbon Farmer to plant over 10,000 trees and shrubs on Terwillegar Drive

Commuters in Edmonton may have noticed a transformation occur over the weekend on Terwillegar Drive from Rabbit Hill Road to 40th Avenue. In only a few days, from September 26 to 29, over 10,000 trees and shrubs were planted along the boulevard. Eventually, this area should grow into a stable forest stand – which will aid in intercepting pollution and noise between the roadway and adjacent houses and school yard. This project is the result of a partnership between The Carbon Farmer and Forestry, Beautification and Environmental Management with the City of Edmonton, and is part of the City's larger naturalization plan.

Beginning in spring 2014, a number of areas in Edmonton were identified for naturalization (planting trees and shrubs found naturally in Alberta) and will no longer be part of the City's regular mowing cycle. Most of these areas are along arterial and collector roadways. There are also some areas adjacent to parks and residents that are under consideration. Over the next 2 - 3 years a city-wide Master Naturalization Plan will be developed. There is opportunity for citizens to have meaningful input in the creation of this plan.

The City's enhanced tree planting program, Root for Trees, contributes to city-wide naturalization by engaging community groups and corporations to assist with achieving the goal of doubling Edmonton's tree canopy in 10 years.

The Carbon Farmer is a company who turns previously tilled or groomed land into forests with native trees, shrubs and grasses while helping people and businesses offset their carbon footprint. The Carbon Farmer has planted over 300,000 trees in Alberta so far and the City of Edmonton looks forward to working with them again during the 2015 planting season.

For more information:

Carbon Farmer: www.thecarbonfarmer.ca

Root for Trees: www.rootfortrees.ca

Naturalization in Edmonton: www.edmonton.ca/naturalization

*Written by Nicole Fraser
Community Greening Coordinator
City of Edmonton*



One of the Carbon Farmers planting



Terwillegar Drive Planters



Restoration pruning

Trees abused by misguided pruning efforts or trees damaged in storms or cold can recover. The extent of recovery depends on 1) species characteristics including the ability of the tree to compartmentalize decay (See: [list of trees](#)), 2) extent and location of damage, and 3) the skill of the arborist attempting restoration. The arborist cannot affect the first two items.

This page deals with the third item, i.e. the techniques used in restoration efforts. Restoring a tree to a sustainable structure following damage is time consuming, takes a number of prunings over a period of years, and is difficult to teach to others. It is difficult to actually restore a tree to its previous condition; restoration does more to improve structure than it does to restore it.

Removing and reducing competing sprouts

Many branches and trunks sprout new shoots in response to the foliage and branch loss and the twisting that occurs in storms. These should be allowed to grow for one or more years until the tree appears to be recovering. Then, remove about one-third and reduce about one-third of the sprouts leaving those that remain to become the new branches.

Remove and reduce those that appear to be weak or cracked or have other defects. This improves the structure of the tree by spacing branches so they do not touch and reduces potential hazards. Shorten about one-third of the sprouts, remove another third and leave the remaining third. The remaining third should be well connected, free of damage, spaced apart, and should not be growing parallel to each other.

The goal on upright broken stems like the one pictured below is to guide

one sprout to replace the broken stem. The weakly attached sprout will eventually increase in size and close over the pruning cut making the connection stronger.

Storms and gravity combine with defects to damage trees in a variety of ways. Damage is sometimes so severe that restoration is not practical or it is difficult (click on top photos). Trees with less severe damage can be restored to a certain extent (click on lower photos).

Codominant stem pulls from the tree

The codominant stem on the left side of the trunk that separated from this tree in about 40 mph wind was about 18 inches in diameter. Two previous pruning wounds resulting from re-



moval of large branches caused considerable decay inside the trunk. This probably contributed to the demise of this tree.

Treatment: The tree should be cut down because it is now a danger

Tree splits in half

This oak split down the middle and should probably be removed. The cause was the codominant stem clearly visible in the photo.

Treatment: The tree can be cabled and bolted together, but this is a long term

commitment requiring regular follow up that is not recommended for this tree. The best treatment for this tree



is to cut it down. Train the newly planted tree with one dominant leader to help resist against this type of damage. (Photo Dr. A. Shigo)

Stem splits from tree

Winds caused this stem to split from the tree. The tree has been dramatically changed.



Treatment: Carefully remove the split stem and make an appropriate pruning cut at the base of the split as smooth as possible without causing further injury. Then prune the remaining canopy using structural pruning techniques to reduce likelihood of further damage. This entails shortening branches and stems that have defects or those that are about the same size as the leader or main trunk.

Branch split and cracked

This branch split and cracked down the center but was still attached to the tree with the tip hanging on the ground. A pruning cut removed the portion of the branch still attached to the tree. The parent branch on this young tree was cracked back to the trunk (look closely for the crack at the base of the branch in the photo).

Treatment: The cracked branch should be removed back to the collar now if less than about 40% of foliage was removed with the storm. If more than 40% was removed in the storm, or if all the foliage was removed from the same side of the tree, then wait until next year to re-



move the cracked branch. This will allow the branch to contribute to the tree's recovery by supplying sugars from photosynthesis.

Branch cracked at the base

This trunk cracked to the ground

below the point where the two co-dominant stems joined (look for the crack just above the brick pile). The bark inclusion shown in the photo is a common starting point for trunk cracks. In fact, by definition, bark inclusions ARE cracks inside the tree.

Treatment: The two stems can be cabled and braced together following guidelines in the ANSI A-300 na-



tional cabling and bracing standard. The canopy can be reduced in size and cabled to reduce the likelihood of the tree splitting in half.

Restoring broken canopies

Like topped and lions-tailed trees, those recently damaged by storms will develop water sprouts in the months following the storm. These often develop at or near the tips of the broken branches. Most of the branch tips were broken in an ice storm and are producing sprouts in the photo at right. Sprouting is an attempt by the tree to replace the photosynthesis-generating foliage that was removed suddenly.

Sprouting requires expenditure of stored starch (energy) inside the living wood of the tree and weak-

(Continued on page 16)

*Submitted by,
Paul Saindon
Your Tree Doctor*

I got a call early this morning, on Saturday July 19. The lady on the phone told me that one of her neighbors had her parrot bird fly up into a big Poplar in the City park 4 days ago. The pet owner called, fire department, city officer, parrot rescue center. Nobody was able to help bring back their lovely bird.

That good neighbor thought that maybe an Arborist can help. She called me because I was the closest arborist from where the bird was perched.

I told her that I own two parrot birds myself and I will be please to help if I can.

The bird was perched approximately 40 feet above ground with no bucket truck access. I climbed the tree with a pocket full of nuts to have a treat for that bird who was starving for 4 days with the idea of making a new friend up there.

When I reach the Parrot in the tree, I talked to her (that was a female) and offered her a treat. She had no hesitation to perch on my lanyard to come get the food.

After a moment, the bird accepted to step up on my hand and my arm. Than I was able to start coming down with one hand on my prussik knot and the left arm holding the bird as far as possible from the branches of the tree so she didn't return to another branch.

We were about 15 feet above ground when we hit a bunch of branches that I didn't clear on my way up. So the Bird jumped onto one of these lower branches.



After spending a few minutes trying to get the bird to perch on me again, (She was too smart to get caught again with the same trick) , I decided to cut with my handsaw the 4 cm branch that was holding the bird.

Don't worry, I did not let her go down. I held the branch and slowly brought the branch down until the parrot's owner could grab it.

Than the lady who owned the parrot wrapped the bird in



(Continued from page 14)

her favorite security blanket just like moms do with their babies. No need to tell you how much that mom was happy to get her baby back after being separated for 4 days.

As an arborist, we do good for trees and we feel good about that, but when we can do good for people and their loved one, we feel very good.

I did not ask for payment here. It was me who was grateful to those people to let me bring back their family member.

Dear Paul,

Here are some pictures for you, that my sister took. I am in awe that you and your wife are such awesome, and amazing people, true hero's! Your kindness has touched my heart and I so impressed that you were willing to help the owners rescue Byrdie. Bless you both.

Sue



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Prairie Provinces - Fall, 2014 Schedule

Chainsaw Train the Trainer
Oct. 19 - 24 (Caroline, AB)

Production Tree Removal & Rigging
Nov. 5 - 7 (Calgary)

Chainsaw Safety & Cutting Techniques
Nov. 10 (Calgary)

Hazard & Danger Tree Cutting & Falling
Nov. 12 & 13 (Calgary)

Private Training Available upon Request

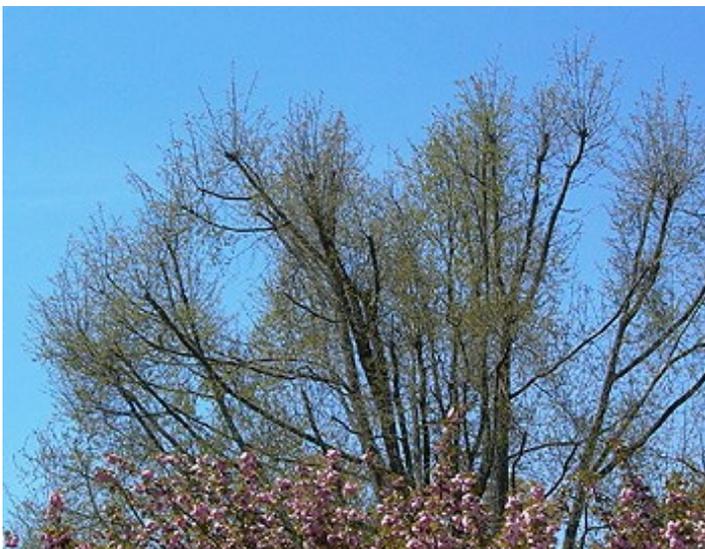


Have Fun - Learn Faster - Retain More



(Continued from page 13)

ens the tree. However, sprouting is essential for recovery because it replaces the energy (starch and other storage compounds) reserves. Sprouts should be al-



lowed to grow for several years without pruning so energy reserves can be replaced! Once sprouts have

grown for several years they begin competing for the same space and should be *reduced in number*.

Treatment: Save several sprouts spaced apart (12 inches apart if possible) from each other that appear to be capable of growing into strong limbs. The ones you save should have plenty of lateral branches and perhaps a slight swelling or collar where it meets the broken branch.

Remove one-third of the others and *shorten* one-third of the others to allow the saved ones to develop lateral branches and good taper. This prevents all the sprouts from growing too long and becoming weak. You may have to return several times during a ten-year period to put good structure back into the tree. Some broken branches can be removed entirely if they have weak connections or are crowding branches in more desirable positions.

Branch cracked at the base



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This one branch broke at its base even though there was no bark inclusion in the union. Notice that the stem on which the branch was attached was about the same diameter as the broken branch. Stems or branches that are about the same diameter do not have abundant overlapping wood holding them together. This is commonly how co dominant stems split.

Treatment: The broken branch should be removed by carefully cutting through the portion of the branch still attached to the tree. Hold the branch weight so the bark does not peel down the remaining stem causing more serious harm. No other action is needed at this time.

Ed Gilman

"Illustrations, PowerPoints or photos by Edward F. Gilman, Professor, Environmental Horticulture Department, IFAS, University of Florida."

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Pesticide
Applicator

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member



Promoting proper tree care
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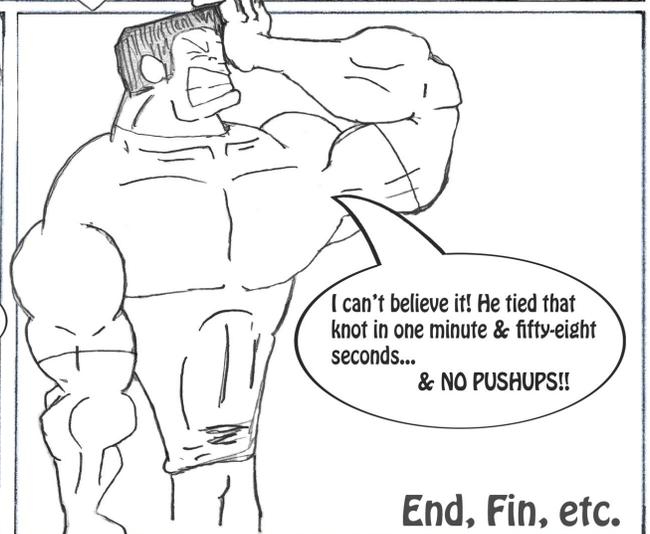
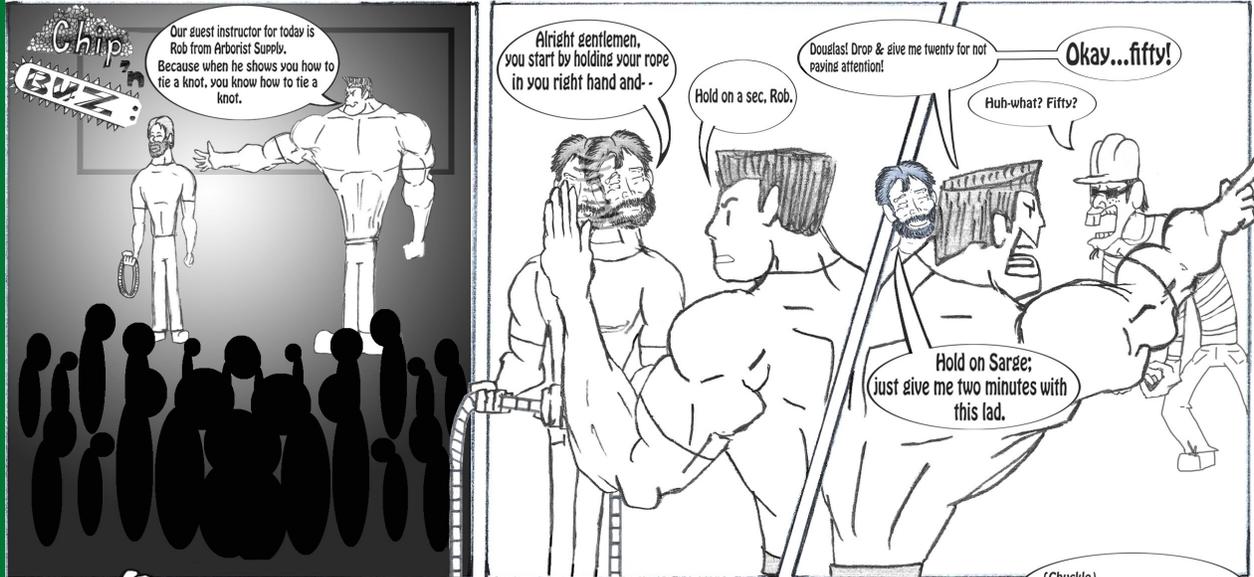
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Photo submitted by Gerard Fournier