



# NEWSLETTER

CANADIAN SOCIETY for HORTICULTURAL SCIENCE  
*SOCIÉTÉ CANADIENNE DE SCIENCE HORTICOLE*

*Your executive / Votre exécutif*

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Past President	<i>Denis Charlebois, QC</i>	<i>Président sortant</i>

June 2014

Volume 9 No. 1

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# Summer 2014

## ISSUE

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## PRESIDENT'S CORNER



Dear colleagues,

Greetings from your Canadian Society for Horticultural Science (CSHS) Executive Committee. I hope you are enjoying a productive summer.

I look forward to CSHS 2014 Annual General Meeting during the CSA-CSHS Joint Conference at Lethbridge, AB from July 10 - 12, 2014. The Conference will include a tour, six CSHS graduate student awards (travel, best poster presentation and best oral presentation) and two CSHS best paper awards published in the Canadian Journal of Plant Science during 2011 and 2012, respectively.

I would like to encourage our membership to become engaged in CSHS activities. Please feel free to contact me if you have any question or concern.

With best regards,

*Samir Debnath*, Ph.D., P.Ag.

President of CSHS

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## Renew your membership for 2014 today!

Support the Canadian Society for Horticultural Science and renew your membership for 2014. Also don't forget to include your colleagues and graduate students. An application form is at the back of the newsletter.



Please remind your graduate students to join the society so they can be eligible for the Travel, Oral and Poster awards given out at the Society's scientific meeting.

## Please Vote on New By-Laws

**2014**

### **Notice of Vote for New by-laws for CSHS / SCSH**



**Vote at: <https://fluidsurveys.com/polls/cshs-scsch/bylaw-vote/>**

**Poll Closes July 4, 2014**

June 24, 2014

Dear CSHS / SCSH Members,

Above is an online link to vote and attached to this message you will find our new by-laws. These by-laws must be accepted by a vote, so please vote. These by-laws are in appendix 1 at the end of the newsletter.

As we mentioned earlier these new by-laws now conform to the new Canada Not-for-Profit Corporations Act. Legislation has come into force making it necessary for ours and all associations to transition to the Act by October 2014.

Many thanks to those who supplied comments on the earlier versions.

Thank-you  
Diane Edwards PhD, P.Ag

## Changes to Membership



### **Multi-year membership**

The executive of the CSHS is introducing a multi-year membership for Regular and Retired Members.

Table 1. Multi-year membership rates in dollars.

Year	<b>1</b>	<b>2</b>	<b>3</b>	<b>5</b>
Regular	65	120	175	275
Retired	20	35	55	90

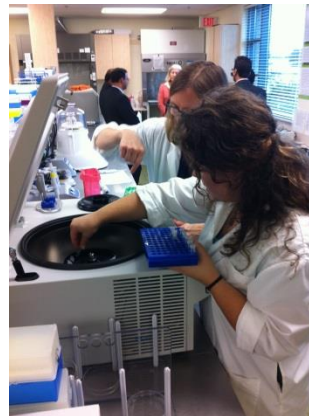
A multi-year membership is a convenient and a cost-effective method to support the Canadian Society for Horticultural Science.

**In 2014, 10 members took advantage of the multiyear membership.**

## The Executive at Work

- Redesigning the society webpage
- New CSHS bylaws lead by Dr. Denis Charlebois
- Organizing the joint CSA-CSHS Conference in Lethbridge, AB.
- Organizing the Plant Canada Botany 2015 conference

# Feature: Horticultural Science at Kwantlen Polytechnic University



## STUDY HORTICULTURE AT KWANTLEN POLYTECHNIC UNIVERSITY

Kwantlen Polytechnic University's School of Horticulture is located in Langley, British Columbia – a 40 minute drive east of Vancouver. Faculty and staff are dedicated to creating an exceptional learning experience that leads to career and personal success. In class, students combine scientific principles, aesthetic values, business practices and community awareness to produce and manage plants and landscapes. School of Horticulture graduates are successful and provide leadership and service to our communities.

## HORTICULTURE PROGRAMS

### CITATION PROGRAMS

Citation programs offer an introduction (or refresher) to horticulture studies. These are the same courses as in the Diploma programs, but in focused, concentrated aspects of the industry. There are 11 options to choose from – enough to suit any needs (from RESIDENTIAL LAWN CARE, ARBORICULTURE, HORTICULTURAL SCIENCE, FOUNDATIONS OF LANDSCAPE DESIGN, COMMERCIAL HORTICULTURE in BC or GARDEN CENTRE OPERATIONS). The Citation program will give an insight into a possible new career pathway, or provide a decidedly BC flavor to what the student may already know from horticulture in another part of this global industry.

### DIPLOMA PROGRAMS:

The School of Horticulture at Kwantlen Polytechnic offers an industry-renown two year full-time Diploma program. The Diplomas are a fast-track to middle manager positions in many horticulture businesses or give the skills needed to start your own enterprise.

Kwantlen offers three Diploma specializations:

## SUSTAINABLE CROP PRODUCTION

The greenhouse and nursery sector of the horticulture industry in BC has consistently provided rewarding employment opportunities. There is always a demand for knowledgeable and skilled individuals who enjoy working with people and plants. The demand for qualified greenhouse/nursery technologists is high and job opportunities exist in BC and abroad. This program provides students with the knowledge and skills needed to work successfully in the greenhouse production of vegetable, or flower crops, or field and container production of ornamental plants. Graduates may be employed as assistant growers or growers in wholesale and retail nurseries, commercial greenhouse operations, garden centres and as technical representatives in supply companies. Kwantlen's Sustainable Crop Production Graduates Can:

- produce vegetables, flowers, and nursery crops
- utilize business skills (finance, communications, supervision) in production horticulture
- manage production environments and facilities (including computer controlled climate systems)
- implement integrated pest management programs

## LANDSCAPE HORTICULTURE SYSTEMS

The Landscape specialization offers exciting opportunities for individuals seeking a career in the landscape industry. Public and private landscapes and gardens provide social, economic, and environmental benefits to our communities and have created a demand for individuals trained in landscape design, installation, and maintenance. Employment opportunities exist for supervisors and managers in residential and commercial landscaping companies, garden design firms, arboriculture companies, municipal park maintenance and management, and in horticulture materials supply companies. Kwantlen's Landscape Horticulture Systems Graduates Can:

- design gardens and landscape spaces (including computer-assisted design)
- identify plants and select plants for specific sites
- maintain landscapes
- install landscape features
- implement integrated pest management programs
- utilize business skills (finance, communications, supervision)

## TURF MANAGEMENT

Turf managers often manage the largest green spaces in our communities and are therefore stewards of our community's environmental quality. The turf industry strongly supports student activities and achievement through student memberships, awards, and hosting field trips. Students are involved in the ongoing development of the turf management field lab. Many graduates seek employment in the golf industry, but opportunities exist in a broad range of related businesses or public sector jobs. Kwantlen's Turf Management Graduates Can:

- maintain golf courses, athletic fields and other recreational turf
- install and maintain irrigation and drainage systems (including computer control systems)
- implement integrated pest management programs
- employ business techniques (finance, communications, supervision) in turf management operations.

## **BACHELOR OF HORTICULTURE SCIENCE DEGREE PROGRAMS:**

If a student has gone through a Diploma and need to go further, or simply want to get a degree from the start, our two Bachelors of Horticulture Science programs are for you. Two majors (PLANT HEALTH and URBAN ECOSYSTEMS) offer cutting-edge, unique programs for those looking to take their skills in new career pathways.

**Urban Ecosystems** looks at the impacts of horticultural activities in the urban environment. Students will learn how to assess the characteristics of urban ecosystems as they relate to landscape function and health. Outcomes include the ability to monitor and analyze the impact of horticultural activities on the local environment, remediate inefficient or ineffective gardens or landscapes and install landscape features that make a positive contribution to the goal of a sustainable community.

**Plant Health** addresses the impacts of poor plant health on the local, regional, and international practice of horticulture. The recognition of plant health, the diagnosis of poor plant performance, and the analysis of plant health programs form the core program goals. Students will explore the impacts of weeds, pests, and diseases as well as those of pest management practices on the environment. A unique feature of the program is the recognition of horticulture as part international trade and the impact of pests and diseases on the movement of plants and plant products around the globe.

## **UPGRADING OF SKILLS AND EXPERIENCE?**

Kwantlen delivers all four levels of the Provincial Horticulture Apprenticeship programs with specializations in Landscape or Production. In addition, it also offers two levels of the new Arborist Apprenticeship. The technical training curriculum has been developed and approved by industry. It provides relevant, up-to-date information and is based on recent technological advances in horticulture. Upon successful completion of the in-school training periods, the required workplace hours (6480 hours), and the Employer's confirmation of the prescribed workplace training, the apprentice is awarded a Journeyperson Certificate of Qualification from the Industry Training Authority.

Journeypersons in the horticulture trades are in demand. Municipal parks departments, golf courses, nurseries, and landscape contractors often list a journeyperson certification as a requirement or preference when hiring Horticulturists. The Horticulture Apprenticeship Program combines skills training and employment. Apprentices maintain full-time employment in horticulture while learning technical, practical, and business skills that will advance their careers.

Employees sign a registered agreement with their employer in their horticulture field to establish their apprenticeship. The agreement is registered with the Industry Training Authority (ITA). The employer is committed to providing practical on-the-job training. During the apprenticeship, apprentices attend technical training sessions at Kwantlen's Langley Campus. The apprentice must complete four technical training levels. Each level includes a minimum of six weeks of classes. The first two levels of the program introduce general horticulture knowledge and skills. Apprentices in levels three and four focus on specialized skills in either Landscape or Production Horticulture.



**WHY KWANTLEN?**

The programs here at the School of Horticulture offer a unique aspect un-matched elsewhere – the ability to ‘ladder’ you credential into the next level. So, students can their way through a Citation and head on all through to completing a degree.

**CONTACT US :**

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[kpu.ca/hort](http://kpu.ca/hort)

# CSA & CSHS Joint Annual Conference 2014

## Announcement At the University of Lethbridge



Canadian Society of Agronomy &  
Canadian Society for Horticultural Science  
Joint Annual Conference



### Balancing the Trade-Off Between Productivity and Environmental Health



**July 10-12, 2014**  
University of Lethbridge,  
Lethbridge, Alberta

**Information:**  
[www.uleth.ca/csa-cshs](http://www.uleth.ca/csa-cshs)

#### Conference Symposia

- Cold Hardiness & Stress Tolerance
- Integrated Crop-Livestock Systems
- Breeding, Productivity & Environment
- Nutrient & Water Management
- Organic Production
- Water & Irrigation Management

#### Keynote Lectures

- Shabtai Bittman  
AAFC-Agassiz
- Dan Heaney  
RandomCross Consulting



# Announcement of Annual General Meeting of CSHS 2014

The Society’s AGM will be held on Friday July 11, 2014 at 12:30 to 1:30 pm during the CSA and CSHS joint conference at the University of Lethbridge, room location to be announced.

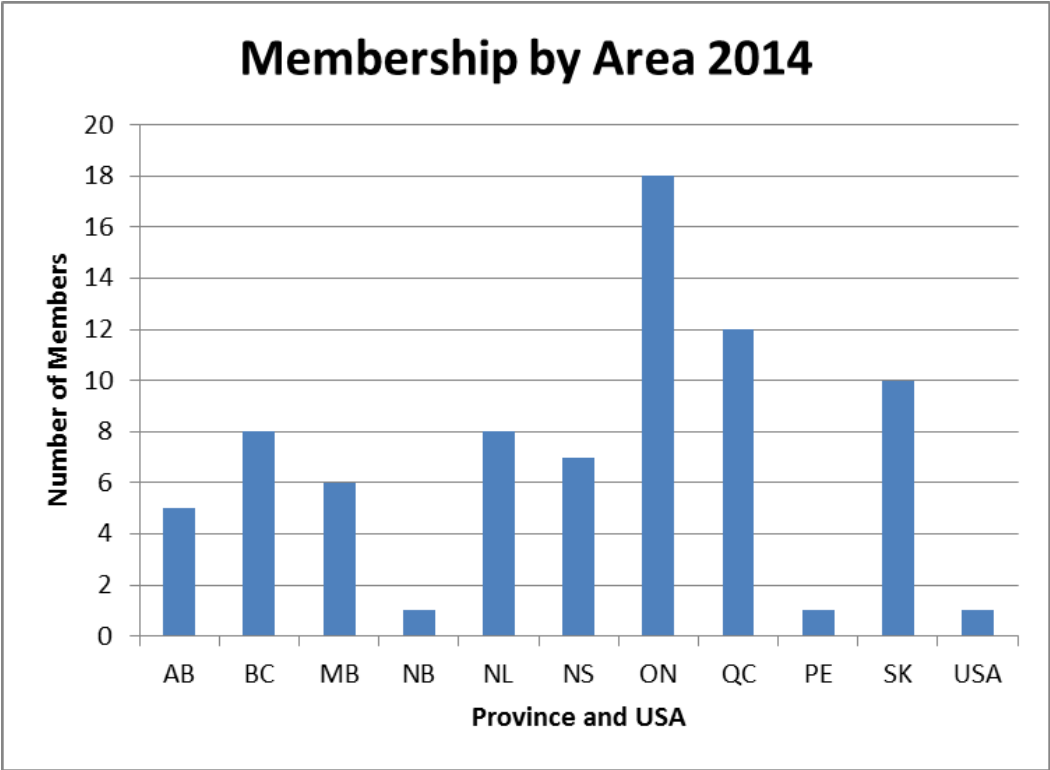
Supporting documents are below.

### Membership Update

**Table 2.** Breakdown of 2014 and 2013 and mean of 2010- 2012, Membership by category

Membership Type	Regular	Graduate	Retired	Life	Corporate	Total
2014 <sup>a</sup>	36	12	16	12	1	77
2013	36	3	15	12	1	67
Mean 2010-2012	48	14	19	13	1	95

a. As of June 15, 2014

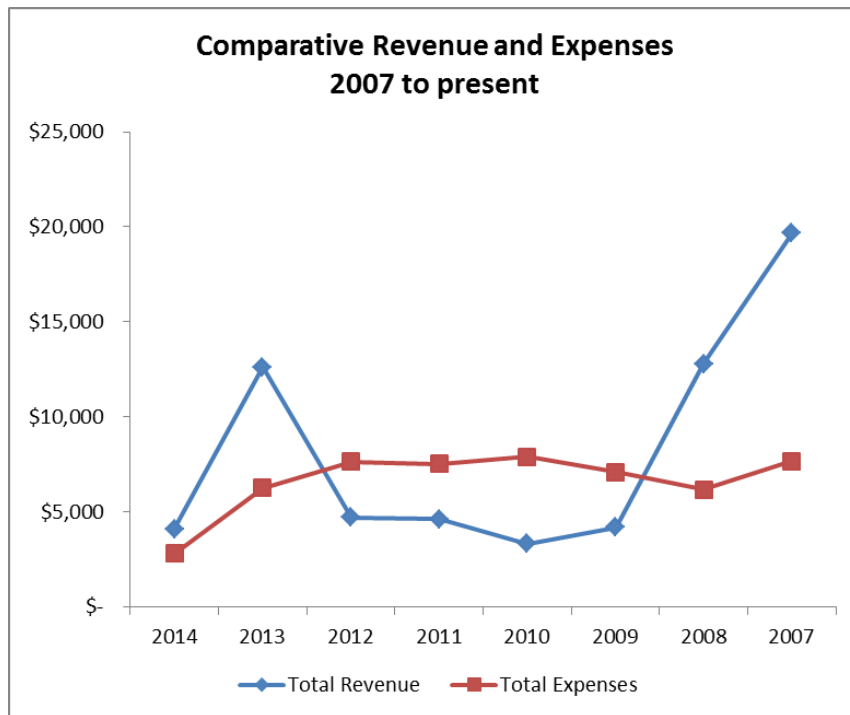


**Figure 1.** Current number of members from all categories by province and country. Total membership is 77.

## Financials



**Figure 2.** Annual total revenue and revenue from membership fees for CSHS.



**Figure 3.** Annual revenue and expenses for CSHS.

Table 3.

<b>Canadian Society for Horticultural Science</b>				
<b>Statement of Income and Expenses</b>				<b>(unaudited)</b>
<b>January to</b>	<b>Jun-01</b>	<b>Dec-31</b>	<b>Dec-31</b>	
	<b>2014</b>	<b>2013</b>	<b>2012</b>	
<b>Revenue</b>				
<b>Society</b>				
Membership Fees	\$ 3,288	\$ 3,201	\$ 4,061	
Award Funding from WSCH Invest.			\$ 400	
2012 Conference Surplus		3924		
2011 Plant Canada		5424		
Website Hosting	250			
Interest on Endowment Fund		22	10	
<b>Total Society</b>	<b>3,538</b>	<b>\$ 12,571</b>	<b>4,471</b>	
<b>Macoun Hill</b>				
Interest	575	63	238	
<b>Total Macoun Hill</b>	<b>575</b>	<b>63</b>	<b>238</b>	
<b>Total Revenue</b>	<b>\$ 4,113</b>	<b>\$ 12,634</b>	<b>\$ 4,709</b>	
<b>Expenses</b>				
<b>Society</b>				
Office Services	\$ 959	\$ 3,761	\$ 3,761	
ISHS Membership	399	379	324	
Postage	38	138	192	
Web Site	94	238	60	
Membership in AIC	1,000	1,000	1,000	
D&O Insurance	304	729	729	
Industry Canada Annual Filing Fee	30	30	30	
Speakers Registration			675	
Awards			400	
2005 Prepaid Translation			451	
Bank Charges			25	
<b>Total Society</b>	<b>\$ 2,824</b>	<b>\$ 6,275</b>	<b>\$ 7,646</b>	
<b>Macoun Hill</b>				
Expenses	0	0	0	
<b>Total Macoun Hill</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total Expenses</b>	<b>\$ 2,824</b>	<b>\$ 6,275</b>	<b>\$ 7,646</b>	
<b>Net Income</b>	<b>\$ 1,289</b>	<b>\$ 6,359</b>	<b>\$ (2,938)</b>	

**Table 4.**

<b>Canadian Society for Horticultural Science</b>			
<b>Balance Sheet</b>			
(unaudited)	<b>Jun-01</b>	<b>Dec-31</b>	<b>Dec-31</b>
<b>Assets</b>	<b>2014</b>	<b>2013</b>	<b>2012</b>
Society Bank	\$ 27,607	\$ 27,191	\$ 21,512
Endowment Fund	1,160	1,160	1,139
Macoun Hill Investment	11,840	11,265	11,202
WCSH Investment	10,124	10,124	10,124
Prepaid Expense	1,572	304	542
<b>Total Assets</b>	<b>52,304</b>	<b>50,044</b>	<b>44,518</b>
<b>Liabilities and Equity</b>			
<b>Current Liabilities</b>			
Payables	729	1,016	1,065
Journal Subscriptions	47	(13)	147
Due to WCSH	10,124	10,124	10,124
<b>Total Current</b>	<b>10,901</b>	<b>11,127</b>	<b>11,336</b>
<b>Long Term Liabilities</b>			
Deferred CSHS Fees	1,417	220	845
<b>Total Long Term</b>	<b>1,417</b>	<b>220</b>	<b>845</b>
<b>Equity</b>			
Balance Beginning of the Year	(8,067)	(14,363)	(11,188)
Current Year	714	6,474	(3,175)
<b>Balance Society at Date</b>	<b>(7,353)</b>	<b>(7,889)</b>	<b>(14,363)</b>
<b>Macoun Hill</b>			
Balance Beginning of the Year	11,264	11,201	10,963
Current Year	575	63	238
<b>Balance Society at Date</b>	<b>11,839</b>	<b>11,264</b>	<b>11,201</b>
<b>Intl Hort Congress 2002</b>			
Balance Beginning of the Year	35,500	35,500	35,500
Current Year	0	-	0
<b>Balance Society</b>	<b>35,500</b>	<b>35,000</b>	<b>35,500</b>
<b>Total Liabilities and Equity</b>	<b>52,304</b>	<b>49,722</b>	<b>44,519</b>

# Joint Conference Announcement 2015



## Botany 2015: Science and Plants for People

### MEMBERS



<http://www.plantcanada.ca/>

Canadian Society for Horticultural Science  
Canadian Botanical Association  
The Canadian Society of Plant Biologists  
Canadian Phytopathological Society  
Canadian Weed Science Society  
Canadian Society of Agronomy

### With:

**The Mycological Society of America**



A joint conference with the member societies of Plant Canada, the Mycological Society of America and the Botanical Society of America.

To be held at the Shaw Convention Centre in Edmonton, Alberta

July 25 to 29, 2015

Symposia ideas:

The CSHS will be responsible for organizing two symposia. Suggestions from the executive are: *In vitro* and molecular techniques in Horticulture and Greenhouse production in Northern Climates. If you have suggestions please send them to the executive.

# Editor's Report Canadian Journal of Plant Science

Shahrokh Khanizadeh

My sincere thanks to all Associate Editors of CJPS, Editors and the AIC team, Laurie Scott and Tim Fenton, who provided support and help to the CJPS Editorial Board.

## Editorial Committee:

The 2012 Editorial committee consisted of the Editor-In-Chief (Shahrokh Khanizadeh), Editors (Ali Navabi and Robert Nurse), the Special Issues Editor (Elroy Cober), who was previously an Associate Editor for eight years, and 36 Associate Editors, AE (Dr. Jacquie Bede, Dr. Brian Beres, Dr. Helen Booker, Dr. Rosalind Bueckert, Dr. Yves Castonguay, Dr. Marie Therese Charles, Dr. G. Chris Cutler, Dr. Samir Debnath, Dr. Christos Dordas, Dr. Stephen Fox, Dr. Paul Goodwin, Dr. Y. Han, Dr. Rigas E. Karamanos, Dr. J.-H. Liu, Dr. Alan W. McKeown, Dr. Todd P. Michael, Dr. Jennifer Mitchell Fetch, Dr. Stephen Molnar, Dr. Malcolm Morrison, Dr. Mirwais M. Qaderi, Dr. Darren Robinson, Dr. Mehdi Sharifi, Dr. Marie-Josée Simard, Dr. Jaswinder Singh, Dr. Jayasankar Subramanian, Dr. Bunyamin Ta'ran, Dr. Laura Van Eerd, Dr. Aiming Wang, Dr. Christian Willenborg, Dr. Y. Xu, Dr. Weikai Yan, Dr. Kangfu Yu, Dr. Yuan Ming Zhang and Dr. Youbin Zheng)

Eight AEs completed their terms in 2012 (Drs. Cheryl Hampson, Patrick M. Carr, Martine Dorais, Peter G. Mason, Peter Pauls, Custis J. Pozniak, Stephan Wgulo and Tieguan Zhang) and two AEs (Drs. A. Navabi and Dr. R. Nurse) nominated by their respected societies and accepted the position of Editor and I am very grateful for their tremendous help in reviewing and assigning the MS to the AEs.

The following 15 Associate Editors were nominated by sponsoring societies (CSA, CSHS and CWSS) and will serve for 2012-2014 period.

Dr. Stephen Molnar  
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## **2012 Outstanding Reviewers and Associate Editors**

It is a pleasure to present the following outstanding reviewers for 2012 who responded with genuine interest and enthusiasm in reviewing manuscripts. They performed thorough and accurate reviews and responded in a timely manner to improve the quality of both the style and content of the submitted manuscripts. The list of outstanding reviewers are posted on AIC-CJPS site

## 2011 Outstanding Reviewers

- Dr. Gilles Bélanger, Agriculture and Agri-Food Canada, Québec, QC
- Dr. Edward Bork, University of Alberta, Edmonton, AB
- Dr. Anne Légère, Agriculture and Agri-Food Canada, Saskatoon, SK
- Dr. Augustine Obour, University of Wyoming, Laramie, WY
- Dr. Ilja Prasil, Crop Research Institute, Prague, Czech Republic
- Dr. Fred Townley-Smith, Agriculture and Agri-Food Canada, Winnipeg, MB (retired)

## 2011 Outstanding Associate Editors

- Dr. Mihai Costea, Wilfrid Laurier University, Waterloo, ON
- Dr. Xu Yan, Ramapo College of New Jersey, Mahwah, NJ

## Journal Statistics, 2012 (Volume 92, number 1-7)

The following tables (1-7) give an overview of CJPS during 2012. During 2012 a total of 332 manuscripts were submitted to CJPS, which is more than previous years (285, 247, 194, 231, 209 and 238), for 2011, 2010, 2009, 2008, 2007 and 2006 respectively).

It is anticipated that the number of submissions will be much higher in 2013, compared to 2012.

To date (Nov 21 2012) we have processed about 370 MS of which 29 were submitted under cultivar descriptions, 11 were Reviews and 16 were Short communications.

2013 Submission, \*372 total less 12 = 360 , (5 withdrawn before assigning Editor-in-Chief; 7 duplicate submissions)

Editors	Count	Special Issue	Paper	Short Communication	Cultivar Description	Review	Assign AE – not yet assigned	Rejected – Not Assigned
Cober	27	27						
Khanizadeh	127		64	6	20	7	6	24
Navabi	98		65	4	7	1		21
Nurse	108		63	6	2	3	11	23
<b>*Total</b>	<b>360</b>	27	192	16	29	11	17	68

Out of 13 review papers, eight were accepted in 2012 which is slightly higher compared to 2011 (10).

The rejection rate for all submissions in 2012 (54%) was slightly higher compared to previous year (45%).

The processing time in 2012 for individual AE varies from 59 to 354 days for accepted MS and from 29 to 258 for those rejected by AEs (Table 4). In 2012, the Editor-in-Chief took the liberty to make

decisions for those AEs who were late and an email was sent to those AEs reminding them of their responsibility and possible replacement by a new AE if they are not able to fulfill their duty. Some of these MS was also assign to other AEs and Editor (Dr. Navabi) which might explain the long average time.

One hundred and twenty four (124) MS were rejected by Editor-in-Chief without review, which accounts for 37% of submitted MS (Table 3).

Average processing time for accepted MS with final decision was 148, and 38 days for rejected MS, which is similar to 2011 (132 days for accepted and 98 days for rejected) and much lower than 2010 (171 days for accepted and 98 days for rejected).

Forty-two percent (32%) of the MS were from Canada compared to 41% in 2011, and 5% were from USA which is the same as 2011 (4%). (Table 2).

It is interesting to note that the number of submission from China (29%) , Iran (7%) , India (5%) and turkey (3%) is on an increasing level compared to previous years.

Sixty two percent (62%) of the MS came from outside North America, which is higher than 2010 (50%) and 2011 (54%).

Along with this report, I would like to express my sincere thanks to the executives of the CSA, CSHS, CWSS and AIC for their support and assistance and last but not the least, I sincerely thank Tim Fenton and Laurie Scott for their help throughout 2012.

It is also my pleasure to introduce Dr. A. Navabi and Dr Robert Nurse, who accepted the responsibility of Editor for CJPS.

Respectfully submitted  
 Shahrokh Khanizadeh  
 Editor-in-Chief, Canadian Journal of Plant Science.  
<http://khanizadeh.info/aafc>

**Table 1. 2012 Submissions by type and outcome**

<b>TYPE</b>	<b>No.</b>	<b>%</b>	<b>ACCEPTED</b>	<b>REJECTED</b>	<b>WITHDRAWN</b>	<b>PENDING</b>
Paper	269	81	82	165	19	3
Short Communication	19	5.5	12	7	0	0
Cultivar Description	21	6	21	0	0	0
Special Section/Issue	9	2.5	8	1	0	0
Reviews	13	4	8	5	0	0
Letter to Editor	1	1	1	0	0	0
<b>TOTAL</b>	<b>332</b>	<b>100%</b>	<b>132</b>	<b>178</b>	<b>19</b>	<b>3</b>

339 less 7 duplicates = 332

**Table 2. 2012 Submissions by Country**

<b>Country</b>	<b>P</b>	<b>SC</b>	<b>RV/RW</b>	<b>CD</b>	<b>SI/SS</b>	<b>Letter to Editor-in-Chief</b>	<b>Total</b>
Argentina	4						4
Australia	1						1
Brazil	2						2
Canada	66	10	8	21	8		113
China	91	3	2				96
Denmark					1		1
Egypt	6						6
Ethiopia	1						1
Greece	1						1
India	13	1	3				17
Iran	23						23
Japan	4						4
Jordan		1					1
Korea	6	1					7
Malaysia	4						4
Mexico	1						1
Morocco	1						1
Nigeria	2						2
Pakistan	7						7
Philippines	1						1
Poland	2	1					3
Saudi Arabia	3						3
Slovenia	1						1
Sweden	1						1
Taiwan	2						2
Tunisia	3						3
Turkey	10						10
United Kingdom						1	1
United States	13	2					15
<b>Total</b>	<b>269</b>	<b>19</b>	<b>13</b>	<b>21</b>	<b>9</b>	<b>1</b>	<b>332</b>

**Table 3. 2012 Number of Manuscripts Assigned**

<b>Associate Editor</b>	<b>Assigned</b>	<b>Accepted</b>	<b>Rejected</b>	<b>WD</b>	<b>In Progress</b>
AE 1	6	3	1		2
AE 2	8	6	2		
AE 3	9	7	2		
AE 4	4	2	1	1	
AE 5	8	4	4		
AE 6	2	2			
AE 7	4	4			
AE 8	11	6	5		
AE 9	3	1	1	1	
AE 10	9	6	2	1	
AE 11	6	2	2	1	1
AE 12	2	1	1		
AE 13	7	4	3		
AE 14	4	3	1		
AE 15	4	4			
AE 16	3	3			
AE 17	5	5			
AE 18	4	3	1		
AE 19	12	10	2		
AE 20	6	2	4		
AE 21	7	4	2	1	
AE 22	5	4	1		
AE 23	5	4	1		
AE 24	5	3	1	1	
AE 25	6	5	1		
AE 26	4	3	1		
AE 27	7	1	6		
AE 28	3	3			
AE 29	4	3	1		
AE 30	3		3		
AE 31	4	4			
AE 32	7	6		1	
AE 33	6	5	1		
AE 34	5	2	1	2	
AE 35	3	2	1		
AE 36	3	1	2		
AE SI Guest Editor 1	1	1			
AE SI Guest Editor 2	2	2			
AE SI Guest Editor 3	1	1			
Editor-in-Chief	134		124	10	
<b>Total</b>	<b>332</b>	<b>132</b>	<b>178</b>	<b>19</b>	<b>3</b>

**Table 4. 2012 Submissions – Average Time to Author and Final Decision**

Associate Editor	Average Time – Accepted		Average Time – Rejected	
	1 <sup>st</sup> contact with Author	Final Decision	1 <sup>st</sup> contact with Author	Final Decision
AE 1	53	206	113	440
AE 2	61	157	44	44
AE 3	148	200	50	50
AE 4	64	178	50	137
AE 5	55	178	36	36
AE 6	64	100	-	-
AE 7	42	77	-	-
AE 8	59	108	53	62
AE 9	107	354	75	75
AE 10	77	165	119	176
AE 11	107	267	138	138
AE 12	40	59	79	79
AE 13	90	210	96	146
AE 14	38	59	104	104
AE 15	83	175	-	-
AE 16	58	126	-	-
AE 17	63	109	-	-
AE 18	38	92	49	49
AE 19	75	159	258	258
AE 20	32	311	97	112
AE 21	112	230	202	202
AE 22	76	125	41	41
AE 23	92	210	59	59
AE 24	69	112	65	65
AE 25	69	103	120	120
AE 26	79	221	52	52
AE 27	44	65	29	29
AE 28	58	150	-	-
AE 29	47	77	36	36
AE 30	-	-	63	63
AE 31	78	100	-	-
AE 32	42	85	-	-
AE 33	29	85	61	61
AE 34	117	220	68	151
AE 35	119	214	108	380
AE 36	41	112	63	188
AE SI Guest Editor 1	91	178	-	-
AE SI Guest Editor 2	48	84	-	-
AE SI Guest Editor 3	59	87	-	-
Editor-in-Chief			9	9
<b>Weighted Avg.</b>	70	148	31	38

\*Special Issue Guest Editors

**Table 5. 2012 Manuscripts published by section**

<b>Section</b>	<b>Total</b>
Abstracts	1
Application of Tech	4
Cultivar Descriptions	21
Entomology	2
Forage	14
Fruit	5
Grain	13
Molecular Biology	7
Ornamental	0
Other	18
Plant Pathology	6
Reviews	8
Special Section	27
Vegetable	6
Weed Science	13
<b>Total</b>	<b>145</b>

**Table 6. 2012 Submissions Origin within Canada**

<b>ORIGIN</b>	<b>TOTAL</b>
<b>FEDERAL/PROVINCIAL GOV</b>	
AAFC – Brandon MB	5
AAFC – Charlottetown PE	1
AAFC – Guelph ON	1
AAFC – Indian Head SK	1
AAFC – Kentville NS	1
AAFC – Lacombe AB	3
AAFC – Lethbridge AB	8
AAFC – Melfort SK	1
AAFC – Ottawa ON	8
AAFC – Québec City QC	2
AAFC – Saint-Jean-sur-Richelieu QC	4
AAFC – Saskatoon SK	3
AAFC – Scott SK	1
AAFC – St. John's NL	1
AAFC – Summerland BC	2
AAFC – Swift Current SK	4
AAFC – Truro NS	2
AAFC – Winnipeg MB	7
Albert Agriculture – Edmonton, Brooks, Lacombe AB	5
Canadian Food Inspection Agency, Ottawa ON	1
Canadian Grain Commission, Winnipeg MB	3
Natural Resources Canada – Fredericton NB	1
<b>TOTAL</b>	<b>65</b>
<b>Other</b>	
Other – Viterra, Calgary AB	4
<b>TOTAL</b>	<b>4</b>
<b>UNIVERSITIES</b>	
Alberta	1
Guelph/Ridgetown	15
Lakehead, Thunder Bay ON	1
Laval	1
Manitoba	6
McGill	1
Nova Scotia Agricultural College	8
Saskatchewan	8
Saint Mary's, Halifax NS	2
Trent, Peterborough ON	1
<b>TOTAL</b>	<b>44</b>



<b>GRAND TOTAL</b>	<b>113</b>
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Issues

- 1) Dealing with assigning and tracking the MS by the three editors
- 2) Inviting new associate Editors to replace the 3rd term AEs  
3<sup>rd</sup> term ending Dec 2013. Stephen Fox, Rigas Karamanos and Jennifer Mitchell-Fetch,
- 3) Invitation and re-appointment of AEs (1<sup>st</sup> and 2<sup>nd</sup> term) based on their performance

## Announcements

### Research Collaboration Opportunities in Cameroon

Forwarded from Dinah Ceplis

Dr. Martin Yeboah was one of the initial vegetable production contacts through the Savannah Agricultural Research Institute with the CSHS-GhIH project in Ghana which began in 2001. He has relocated to Cameroon and is looking for collaborators interested in research and development of vegetables through his current position at the World Vegetable Center.

Please contact him directly at the following.

Martin Agyei Yeboah (PhD)  
Vegetable Breeder (Horticulturist) and Liaison Officer  
AVRDC-The World Vegetable Center  
West and Central Africa  
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Cell: [+237 901 456 84](tel:+23790145684)/ [+237 526 196 69](tel:+23752619669)

Email: [martin.yeboah@worldveg.org](mailto:martin.yeboah@worldveg.org) , [mayeboah@yahoo.com](mailto:mayeboah@yahoo.com)

Skype: martin.yeboah2331

Website: <http://www.avrdc.org/>

Facebook: <<http://www.facebook.com/WorldVegetableCenter>>

<http://www.facebook.com/WorldVegetableCenter><<http://www.facebook.com/WorldVegetableCenter>>

Twitter: @go\_vegetables

## Upcoming Meetings / Conferences (2014/2015)

### North American Conferences \*CSHS will hold a meeting with CSA on July 10 to 12<sup>th</sup> in Lethbridge, AB and with

Name	Begin date	Country name	Place	URL
VIII International Symposium on Chemical and Non-Chemical Soil and Substrate Disinfestation	13/07/2014	Italy	Torino	<a href="http://www.sd2014.org">http://www.sd2014.org</a>
XII International Pear Symposium	14/07/2014	Belgium	Leuven	<a href="http://www.pcfruit.be/">http://www.pcfruit.be/.</a>
XI International Conference on Grapevine Breeding and Genetics	28/07/2014	China	Beijing	<a href="http://www.grapebreeding2014.com/">http://www.grapebreeding2014.com/...</a>
International Symposium on Biosecurity, Quarantine Pests and Market Access	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_32.html">http://www.ihc2014.org/symposium_32.html</a>
International Symposium on Physiology of Perennial Fruit Crops and Production Systems in a Changing Global Environment	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_8.html">http://www.ihc2014.org/symposium_8.html</a>
XXIX International Horticultural Congress: IHC2014	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/">http://www.ihc2014.org/</a>
International Symposium on Molecular Biology in Horticulture	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_24.html">http://www.ihc2014.org/symposium_24.html</a>
International Symposium on Horticulture in Developing Countries and World Food Production	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_3.html">http://www.ihc2014.org/symposium_3.html</a>
II International Berry Fruit Symposium: Interactions! Local and Global Berry Research and Innovation	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_12.html">http://www.ihc2014.org/symposium_12.html</a>
International Symposium on Abscission Processes in Horticulture and their Manipulation to Improve Crop Growth, Development and Quality	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_9.html">http://www.ihc2014.org/symposium_9.html</a>
International Symposium on Consumer and Sensory Driven Improvements to the Quality of Fruits and Nuts	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_11.html">http://www.ihc2014.org/symposium_11.html</a>
International Go Nuts Symposium	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_52.html">http://www.ihc2014.org/symposium_52.html</a>

<b>Name</b>	<b>Begin date</b>	<b>Country name</b>	<b>Place</b>	<b>URL</b>
International Symposium on Plant Breeding in Horticulture	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_23.html">http://www.ihc2014.org/symposium_23.html</a>
International Symposium on Sustainable Management in the Urban Forest	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_33.html">http://www.ihc2014.org/symposium_33.html</a>
IV International Symposium on Tropical Wines and International Symposium on Grape and Wine Production in Diverse Regions	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_10.html">http://www.ihc2014.org/symposium_10.html</a>
V International Conference on Landscape and Urban Horticulture	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_28.html">http://www.ihc2014.org/symposium_28.html</a>
III International Conference on Turfgrass Management and Science for Sports Fields	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_29.html">http://www.ihc2014.org/symposium_29.html</a>
International Symposium on Mechanisation, Precision Horticulture, and Robotics	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_16.html">http://www.ihc2014.org/symposium_16.html</a>
International Symposium on New Technologies in Protected Cultivation	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_22.html">http://www.ihc2014.org/symposium_22.html</a>
International Symposium on Promoting the Future of Indigenous Vegetables Worldwide	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_13.html">http://www.ihc2014.org/symposium_13.html</a>
IV International Symposium on Plant Genetic Resources: Genetic Resources for Climate Change	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_27.html">http://www.ihc2014.org/symposium_27.html</a>
International Symposium on the Impact of Asia-Pacific Horticulture - Resources, Technology and Social Welfare	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_4.html">http://www.ihc2014.org/symposium_4.html</a>
XII International People Plant Symposium: Horticulture and Human Communities: People, Plants and Places	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_2.html">http://www.ihc2014.org/symposium_2.html</a>
VI International Symposium on Human Health Effects of Fruits and Vegetables - FAVHEALTH2014	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_1.html">http://www.ihc2014.org/symposium_1.html</a>
International Symposium on Water Scarcity, Salinization and Plant Water Relations for Optimal Production and Quality	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_5.html">http://www.ihc2014.org/symposium_5.html</a>
International Symposium on the Non-destructive Assessment of Fruit Attributes	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_17.html">http://www.ihc2014.org/symposium_17.html</a>
International Symposium on Organic	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org">http://www.ihc2014.org</a>

<b>Name</b>	<b>Begin date</b>	<b>Country name</b>	<b>Place</b>	<b>URL</b>
Waste to Horticultural Resource				<a href="http://www.ihc2014.org/symposium_30.html">g/symposium_30.html</a>
International Symposium on Eco-Efficiency in the Lifecycle of Horticultural Production	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_31.html">http://www.ihc2014.org/symposium_31.html</a>
International Symposium on Ornamental Horticulture in the Global Greenhouse	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_15.html">http://www.ihc2014.org/symposium_15.html</a>
International Symposium on Postharvest Knowledge for the Future	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_19.html">http://www.ihc2014.org/symposium_19.html</a>
III International Genetically Modified Organisms in Horticulture Symposium - Past, Present and Future	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_25.html">http://www.ihc2014.org/symposium_25.html</a>
International Symposium on Horticulture to Improve the Livelihoods of Communities in Developing Countries	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_6.html">http://www.ihc2014.org/symposium_6.html</a>
International Symposium on Innovative Plant Protection in Horticulture	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_18.html">http://www.ihc2014.org/symposium_18.html</a>
International Symposium on Root and Tuber Crops: Sustaining Lives & Livelihoods into the Future	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_40.html">http://www.ihc2014.org/symposium_40.html</a>
International Symposium on High Value Vegetables, Root and Tuber Crops and Edible Fungi - Production, Supply and Demand	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_14.html">http://www.ihc2014.org/symposium_14.html</a>
International Symposium on Micropropagation and In Vitro Techniques	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_26.html">http://www.ihc2014.org/symposium_26.html</a>
VII International Symposium on Education, Research Training and Consultancy	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_20.html">http://www.ihc2014.org/symposium_20.html</a>
International Symposium on Plants, as Factories of Natural Substances, Edible & Essential Oils	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_42.html">http://www.ihc2014.org/symposium_42.html</a>
XVII International Symposium on Horticultural Economics and Management & V International Symposium on Improving the Performance of Supply Chains in the Transitional Economies	17/08/2014	Australia	Brisbane	<a href="http://www.ihc2014.org/symposium_21.html">http://www.ihc2014.org/symposium_21.html</a>
International Symposium on Carrot and Other Apiaceae	17/09/2014	France	Angers	<a href="http://www.symposium-carrot-...">http://www.symposium-carrot-...</a>
VIII International Symposium on	18/09/2014	China	Dujiangyan	<a href="http://www.kiwifruit20">http://www.kiwifruit20</a>

<b>Name</b>	<b>Begin date</b>	<b>Country name</b>	<b>Place</b>	<b>URL</b>
Kiwifruit			city, Chengdu	<a href="http://14.com">14.com</a>
VI Balkan Symposium on Vegetables and Potatoes	29/09/2014	Croatia	Zagreb	<a href="http://www.6bsvp.org">http://www.6bsvp.org</a>
I International Symposium on Grapevine Roots	16/10/2014	Italy	Rauscedo	<a href="http://vit.entecra.it/...">http://vit.entecra.it/...</a>
III International Symposium on Citrus Biotechnology	11/11/2014	Japan	Shimizu, Shizuoka	<a href="http://iscb2014-japan.org/">http://iscb2014-japan.org/</a>
III Asia Pacific Symposium on Postharvest Research, Education and Extension: APS2014	08/12/2014	Vietnam	Hochiminh City	<a href="http://www.aps2014.vn/">http://www.aps2014.vn/</a>
International Symposium on Medicinal Plants and Natural Products	16/03/2015	Colombia	Bogotá	<a href="http://phytoessence.org/ISMPNP2015">http://phytoessence.org/ISMPNP2015</a>
VI International Symposium on Production and Establishment of Micropropagated Plants	19/04/2015	Italy	San Remo	<a href="http://www.regflor.it/ISHS2015/">http://www.regflor.it/ISHS2015/</a>
II International Workshop on Bacterial Diseases of Stone Fruits and Nuts	21/04/2015	Turkey	Izmir	
III International Conference on Quality Management in Supply Chains of Ornamentals (QMSCO 2015)	01/05/2015	Iran	Shiraz	<a href="http://www.qmsco2015.com/">http://www.qmsco2015.com/</a>
V International Symposium on Ecologically Sound Fertilization Strategies for Field Vegetable Production	18/05/2015	China	Beijing	
VII International Symposium on Edible Alliaceae	21/05/2015	Turkey	Bursa	
IV International Symposium on Guava and Other Myrtaceae	24/05/2015	South Africa	Cape Town	
XVIII International Symposium on Horticultural Economics and Management	31/05/2015	Sweden	Alnarp	<a href="http://www.slu.se/ishseconomicman2015">http://www.slu.se/ishseconomicman2015</a>
VIII International Symposium on Irrigation of Horticultural Crops	08/06/2015	Spain	Lleida	
XIV Eucarpia Symposium on Fruit Breeding and Genetics	14/06/2015	Italy	Bologna	
XI International Rubus and Ribes Symposium	21/06/2015	United States of America	Asheville, NC	<a href="http://www.rubusribes2015.com">http://www.rubusribes2015.com</a>
XXV Eucarpia Symposium on Ornamentals	28/06/2015	Belgium	Melle	<a href="http://www.eucarpiaornamentals2015.be/">http://www.eucarpiaornamentals2015.be/</a>

Name	Begin date	Country name	Place	URL
XVI International Symposium on Apricot Breeding and Culture	29/06/2015	China	Shenyang City (Liaoning Province)	
II International Symposium on Soilless Cultivation	05/07/2015	Australia	Jupiter's Gold Coast, QLD	
Greensys 2015 - International Symposium on New Technologies and Management for Greenhouses	19/07/2015	Portugal	Evora	<a href="http://www.greensys2015.uevora.pt">http://www.greensys2015.uevora.pt</a>
<b>Plant Canada – Joint Conference with American Society of Botany</b>	<b>25/07/2015</b>	<b>Canada</b>	<b>Edmonton</b>	
Annual Conference of the American Society for Horticultural Science	04/08/2015	USA	New Orleans	
VIII International Symposium on New Ornamental Crops and XII International Protea Research Symposium and XVII International Protea Association Conference	20/08/2015	Australia	Perth	<a href="http://protea-new-ornamentals2015.org/">http://protea-new-ornamentals2015.org/</a>
V International Symposium on Fig	31/08/2015	Italy	Napoli	
International Symposium on Growing Media, Composting and Substrate Analysis	07/09/2015	Austria	Vienna	<a href="http://www.susgro2015.ages.at">http://www.susgro2015.ages.at</a>
II International Symposium on Mycotoxins in Nuts and Dried Fruits	08/09/2015	Nigeria	Abuja	
III International Conference on Fresh-Cut Produce: Maintaining Quality and Safety	13/09/2015	United States of America	Davis, CA	<a href="http://fresh-cut2015.ucdavis.edu">http://fresh-cut2015.ucdavis.edu</a>
II International Symposium on Mechanical Harvesting and Handling Systems of Fruits and Nuts	13/09/2015	United States of America	Washington	
III Balkan Symposium on Fruit Growing	16/09/2015	Serbia	Belgrade	
IX International Symposium on Artichoke, Cardoon and their Wild Relatives	28/09/2015	Argentina	La Plata	<a href="http://www.alcachofa2015.com/">http://www.alcachofa2015.com/</a>
V International Symposium on Applications of Modelling as an Innovative Technology in the Horticultural Supply Chain - Model-IT 2015	11/10/2015	Netherlands	Wageningen	
V International Symposium on Saffron Biology and Technology: Advances in Biology, Production and	10/11/2015	Morocco	Agadir	

<b>Name</b>	<b>Begin date</b>	<b>Country name</b>	<b>Place</b>	<b>URL</b>
Uses				
IX International Symposium on In Vitro Culture and Horticultural Breeding	11/01/2016	Egypt	Giza	
III International Symposium on Biotechnology of Fruit Species	01/05/2016	Turkey	Antalya	
XII International Symposium on Flower Bulbs and Herbaceous Perennials	28/06/2016	China	Kunming	
III All Africa Horticultural Congress	07/08/2016	Nigeria	Lagos	
Annual Conference of the American Society for Horticultural Science	08/08/2016	USA	Atlanta	
HortiModel2016: Models for Plant Growth, Environmental Control and Farm Management in Protected Cultivation	19/09/2016	France	Avignon	
VI International Symposium on Tropical and Subtropical Fruits	26/09/2016	Egypt	Kafr El-Sheikh	
VI International Chestnut Symposium	26/09/2016	Turkey	Atakum, Samsun	
VIII International Symposium on Mineral Nutrition of Fruit Crops	04/10/2016	Turkey	Sanliurfa	
VIII International Olive Symposium	10/10/2016	Croatia	Split	
XII International Controlled and Modified Atmosphere Research Conference - CaMa2017	18/06/2017	Poland	Warsaw	
IX International Congress on Hazelnut	15/08/2017	Turkey	Atakum, Samsun	
Greensys 2017 - International Symposium on High Technology for Environment Engineering, Energy-Saving and Crop Management in Greenhouse Systems	20/08/2017	China	Beijing	

This is an abbreviated list compiled from the ISHS (<http://www.ishs.org/calendar/>) and the ASHS ([http://ashs.org/index.php?option=com\\_wrapper&view=wrapper&Itemid=55](http://ashs.org/index.php?option=com_wrapper&view=wrapper&Itemid=55)), see these societies for a more complete list.





***Contact us*** For more information or for membership forms, contact the executive or: Diane Edwards, Ph.D., P. Ag. Secretary-Treasurer of CSHS, [edwardsd@ucalgary.ca](mailto:edwardsd@ucalgary.ca)



# CANADIAN SOCIETY FOR HORTICULTURAL SCIENCE

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## MEMBERSHIP APPLICATION/RENEWAL

**CHECK ONLY ONE**  
NEW APPLICATION  RENEWAL

**FOR OFFICE USE ONLY**  
ID NUMBER: \_\_\_\_\_

DATE: \_\_\_\_\_

TITLE: MR.  MS.  PROF.  DR.  OTHER  (SPECIFY) \_\_\_\_\_

**PLEASE PRINT**

FIRST (GIVEN) NAME \_\_\_\_\_

LAST (FAMILY) NAME \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_

CITY/TOWN \_\_\_\_\_

PROVINCE /STATE \_\_\_\_\_

COUNTRY \_\_\_\_\_

POSTAL/ZIP CODE \_\_\_\_\_

TELEPHONE \_\_\_\_\_

FAX \_\_\_\_\_

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**PRINT YEAR**

**CSHS annual dues for year 20** \_\_\_\_\_ (from January 1<sup>st</sup> to December 31<sup>st</sup>)

**CHECK ONLY ONE CATEGORY** (A password will be provided by mail)

1 Year	Regular.....\$65 <input type="checkbox"/>	Student <sup>1</sup> .....\$10 <input type="checkbox"/>	Retired.....\$20 <input type="checkbox"/>
	Association.....\$100 <input type="checkbox"/>	Corporate.....\$500 <input type="checkbox"/>	
2 Years	Regular.....\$120 <input type="checkbox"/>	Retired.....\$40 <input type="checkbox"/>	
3 Years	Regular.....\$175 <input type="checkbox"/>	Retired.....\$60 <input type="checkbox"/>	
5 Years	Regular.....\$275 <input type="checkbox"/>	Retired.....\$100 <input type="checkbox"/>	

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**CHECK ALL THAT APPLY**

**Print ONLY**

**Print AND electronic**

**Electronic ONLY**

Canada ..... \$51

\$58

\$45

USA & Foreign..... \$53

\$59

\$45

Taxes on Journal **ONLY** (GST / HST #106689094RT)

Canadian residents add 13% in ON, NB, NL, 14% in PE, 15% in NS, 5% in remaining provinces/territories \$ \_\_\_\_\_

**Payment enclosed: \$** \_\_\_\_\_

Make cheque payable to: **CANADIAN SOCIETY FOR HORTICULTURAL SCIENCE**

All prices are in Canadian currency

*Thank you for supporting the Society*

<sup>1</sup> Students must be confirmed by supervisor. Name (Print): \_\_\_\_\_ Signature: \_\_\_\_\_



# SOCIÉTÉ CANADIENNE DE SCIENCE HORTICOLE

176 Gloucester St Suite 320, Ottawa, ON, K2P 0A6

Téléphone : (613) 232-9459 Télécopieur : (613) 594-5190 Courriel : [services@aic.ca](mailto:services@aic.ca)

Visiter notre site internet au [www.cshs.ca](http://www.cshs.ca)

## FORMULAIRE D'ADHÉSION/RENOUVELLEMENT

**COCHER UNE SEULE CASE**  
NOUVELLE ADHÉSION  RENOUVELLEMENT

**À L'USAGE DE LA SOCIÉTÉ UNIQUEMENT**  
NUMÉRO DE MEMBRE :

DATE :

TITRE : M.  MME.  PROF.  DR.  AUTRE  (SPÉCIFIER) \_\_\_\_\_

ÉCRIRE EN CARACTÈRES D'IMPRIMERIE

PRÉNOM

NOM DE FAMILLE

ADRESSE POSTALE

VILLE/VILLAGE

PROVINCE /ÉTAT

PAYS

CODE POSTAL

TÉLÉPHONE

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**Adhésion annuelle à la SCSH pour l'année 20** \_\_\_\_\_ (du 1<sup>er</sup> janvier au 31 décembre)

**COCHER UNE SEULE CATÉGORIE** (Un mot de passé vous sera envoyé par la poste)

1 an	Régulier..... \$65 <input type="checkbox"/>	Étudiant <sup>2</sup> ..... \$10 <input type="checkbox"/>	Retraité..... \$20 <input type="checkbox"/>
	Association ..... \$100 <input type="checkbox"/>	Corporatif..... \$500 <input type="checkbox"/>	
2 ans	Régulier..... \$120 <input type="checkbox"/>	Retraité..... \$40 <input type="checkbox"/>	
3 ans	Régulier..... \$175 <input type="checkbox"/>	Retraité..... \$60 <input type="checkbox"/>	
5 ans	Régulier..... \$275 <input type="checkbox"/>	Retraité..... \$100 <input type="checkbox"/>	

### Abonnement individuel au Journal Canadien de Phytotechnie

<b>COCHER LES CASES APPROPRIÉES</b>	<b>Imprimée</b>	<b>Imprimée ET électronique</b>	<b>Électronique</b>
Canada .....	\$51 <input type="checkbox"/>	\$58 <input type="checkbox"/>	\$45 <input type="checkbox"/>
É.U. et à l'étranger ....	\$53 <input type="checkbox"/>	\$59 <input type="checkbox"/>	\$45 <input type="checkbox"/>

Taxes sur l'abonnement au Journal **UNIQUEMENT** (TPS / TVH #106689094RT)

Résidents canadiens ajouter 13% pour ON, NB, TN, 14% pour PE, 15% pour NE et 5% pour toutes autres \$ \_\_\_\_\_

**Paiement inclus : \$** \_\_\_\_\_

Votre chèque doit être fait au nom de : **SOCIÉTÉ CANADIENNE DE SCIENCE HORTICOLE**

Tous les prix sont en devises canadiennes

*La Société vous remercie de votre appui*

<sup>2</sup> Le statut d'étudiant doit être confirmé par le superviseur. Nom \_\_\_\_\_ Signature \_\_\_\_\_

## Appendix 1.

# BY-LAW NO. 3

A by-law relating generally to the conduct of the affairs of

**CANADIAN SOCIETY FOR HORTICULTURAL SCIENCE**

**LA SOCIÉTÉ CANADIENNE DE SCIENCE HORTICOLE**

(the “Society”)

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**BE IT ENACTED** as a by-law of the Society as follows:

## SECTION 1 — General

### 1.01 Definitions

In this by-law and all other by-laws of the Society, unless the context otherwise requires:

- a) “Act” means the *Canada Not-for-profit Corporations Act* S.C. 2009, c.23 including the Regulations made pursuant to the Act, and any statute or regulations that may be substituted, as amended from time to time;
- b) “Articles” means the original or restated articles of incorporation or articles of amendment, amalgamation, continuance, reorganization, arrangement or revival of the Society;
- c) “Board” means the board of directors of the Society and “director” means a member of the board;
- d) “By-law” means this by-law and any other by-law of the Society as amended and which are, from time to time, in force and effect;

- e) “Meeting of members” includes an annual meeting of members or a special meeting of members; “special meeting of members” includes a meeting of any class or classes of members and a special meeting of all members entitled to vote at an annual meeting of members;
- f) “Ordinary resolution” means a resolution passed by a majority of not less than 50% plus 1 of the votes cast on that resolution (see Section 4.05);
- g) “Proposal” means a proposal submitted by a member of the Society that meets the requirements of section 163 (Shareholder Proposals) of the Act;
- h) “Regulations” means the regulations made under the Act, as amended, restated or in effect from time to time; and
- i) “Special resolution” means a resolution passed by a majority of not less than two-thirds (2/3) of the votes cast on that resolution.

## **1.02 Interpretation**

In the interpretation of this by-law, words in the singular include the plural and vice-versa, words in one gender include all genders, and “person” includes an individual, body corporate, partnership, trust and unincorporated organization.

Other than as specified in 1.01 above, words and expressions defined in the Act have the same meanings when used in these by-laws.

## **1.03 Name**

The Society shall be known as the “Canadian Society for Horticultural Science” and “La Société Canadienne de Science Horticole” hereinafter known as the “Society”. The approved abbreviations for these names are “CSHS” and “SCSH”, respectively.

## **1.04 Corporate Seal**

The Society shall have a corporate logo adopted at an annual general meeting and to be used as a seal, on letterhead and on other official documents. It is composed of an inner bluish-grey circle containing a stylized leaf and Erlenmeyer flask in blue. The outer circle is dark green and the name of the Society, in both languages, appears in white letters. Small maple leaves separate the English and French names of the Society. The secretary of the Society shall be the custodian of the corporate seal.

## **1.05 Execution of Documents**

Deeds, transfers, assignments, contracts, obligations and other instruments in writing requiring execution by the Society may be signed by any (1) of its officers or directors. In addition, the board may from time to time direct the manner in which, and the person or persons by whom, a particular document or type of document shall be executed. Any person authorized to sign any document may affix the corporate seal to the document. Any signing officer may certify a copy of any instrument, resolution, by-law or other document of the Society to be a true copy thereof.

## **1.06 Financial Year End**

The financial year end of the Society shall be determined by the board of directors.

## **1.07 Banking Arrangements**

The banking business of the Society shall be transacted at such bank, trust company or other firm or corporation carrying on a banking business in Canada as the board of directors may designate, appoint or

authorize from time to time by resolution. The banking business or any part of it shall be transacted by the secretary-treasurer of the Society and/or other persons as the board of directors may by resolution from time to time designate, direct or authorize.

### **1.08 Annual Financial Statements**

The Society will provide by mail or electronic mail to its members a copy of the annual financial statements and other documents along with its convocation for the annual general meeting. These documents will also be made available to the members on the Society's web site. Annual financial statements will also be presented by the secretary-treasurer, or its representative, at the annual general meeting.

### **1.09 Affiliations**

The Society shall represent Canada on the Council of the International Society for Horticultural Science (ISHS) and organize, as the board see fit, ISHS symposia and congresses.

The Society shall seek membership or partnership with other societies, organizations or institutes as it sees fit. Association with such groups should be done through memoranda of understanding or any other means judged necessary by the board. The board may from time to time appoint any member, as it deems necessary or appropriate for such purposes and, subject to the Act, with such powers as the board shall see fit. Any such representative is subject to such regulations or directions as the board may from time to time make. Any representative may be removed by resolution of the board of directors.

## **SECTION 2 — Membership – Matters Requiring Special Resolution**

### **2.01 Membership Conditions**

Subject to the articles, there shall be six (6) classes of members in the Society, namely: **regular members, student members, retired members, association members, corporate members, and honorary life members.** With the exception of Honorary Life members, the term of all memberships shall be annual, subject to renewal in accordance with the policies of the Society.

#### **a) Regular Members**

Anyone interested in horticultural science, technology and the horticultural arts. A regular member shall be entitled to one (1) vote provided that regular membership has been paid.

#### **b) Student Members**

Any student attending a university, college or other post-secondary institution. A proof of full time attendance is required annually. A student member shall be entitled to one (1) vote provided that student membership has been paid.

#### **c) Honorary Life Members**

Any member judged by the Society to have rendered outstanding service to horticultural science or industry. Nominations for honorary membership may be made by the board of directors, an awards committee, or any ten members of the Society for approval by the board. The award certificate shall read: "in recognition of his/her meritorious service to horticulture in Canada." An Honorary Life Member shall be entitled to one (1) vote. Annual membership is no longer required.

#### **d) Retired members**

Anyone retired from the work force and interested in horticultural science, technology and the horticultural arts. A retired member shall be entitled to one (1) vote provided that retired membership has been paid.

#### **e) Association Member**

Any institution, group or association wishing to sustain the Society through an annual contribution, the amount to be determined by the Board of Directors. An association member shall be entitled to one (1) vote provided that associate membership has been paid.

**f) Corporate Members**

Any business wishing to sustain the Society through an annual contribution, the amount to be determined by the Board of Directors. A corporate shall be entitled to one (1) vote provided that corporate membership has been paid.

Pursuant to subsection 197(1) (Fundamental Changes) of the Act, a special resolution of the members is required to make any amendments to this section of the by-laws if those amendments affect membership rights and/or conditions described in paragraphs 197(1)(e), (h), (l) or (m).

**2.02 Notice of Meeting of Members**

Notice of the time and place of a meeting of members shall be given to each member entitled to vote at the meeting by the following means:

- a) By mail to each member entitled to vote at the meeting, no less than 21 before the day on which the meeting is to be held; or
- b) By electronic mail to each member entitled to vote at the meeting, no less than 14 days before the day on which the meeting is to be held.

Pursuant to subsection 197(1) (Fundamental Changes) of the Act, a special resolution of the members is required to make any amendment to the by-laws of the Society to change the manner of giving notice to members entitled to vote at a meeting of members.

**2.03 Absentee Voting by Mail or Electronic Ballot**

Pursuant to subsection 171(1) (Absentee Voting) of the Act, a member entitled to vote at a meeting of members may vote by mailed-in or electronic ballot if the Society has a system that:

- a) Enables the votes to be gathered in a manner that permits their subsequent verification, and
- b) Permits the tallied votes to be presented to the Society without it being possible for the Society to identify how each member voted.

Pursuant to subsection 197(1) (Fundamental Changes) of the Act, a special resolution of the members is required to make any amendment to the by-laws of the Society to change this method of voting by members not in attendance at a meeting of members.

**SECTION 3 — MEMBERSHIP DUES, TERMINATION AND DISCIPLINE**

**3.01 Membership Dues**

Members shall be notified in writing by mail or electronic mail of the membership dues one (1) month before the end of the calendar year and, if any are not paid within one (1) calendar month of the membership renewal date, the members in default shall automatically cease to be members of the Society. Membership dues will be determined by the board and voted upon at the annual general meeting.

**3.02 Termination of Membership**

A membership in the Society is terminated when:

- a) The member dies, or, in the case of a member that is an institution, a group, a corporation or a business, such entity is dissolved, suspended or expelled as described in Section 3.03;
- b) The member resigns by delivering a written resignation to the chair of the board of the Society in which case such resignation shall be effective on the date specified in the resignation;
- c) The member is expelled in accordance with Section 3.03 below or is otherwise terminated in accordance with the articles or by-laws;
- d) The member's term of membership expires; or
- f) The Society is liquidated or dissolved under the Act.

Subject to the articles, upon any termination of membership, the rights of the member, including any rights in the property of the Society, automatically cease to exist.

### **3.03 Discipline of Members**

The board shall have authority to suspend or expel any member from the Society for any one or more of the following grounds:

- a) Violating any provision of the articles, by-laws, or written policies of the Society;
- b) Carrying out any conduct which may be detrimental to the Society as determined by the board in its sole discretion;
- c) For any other reason that the board in its sole and absolute discretion considers to be reasonable, having regard to the purpose of the Society.

In the event that the board determines that a member should be expelled or suspended from membership in the Society, the president, or such other officer as may be designated by the board, shall provide twenty (20) days notice of expulsion to the member and shall provide reasons for the proposed expulsion. The member may make written submissions to the president, or such other officer as may be designated by the board, in response to the notice received within such twenty (20) day period. In the event that no written submissions are received by the president, the president, or such other officer as may be designated by the board, may proceed to notify the member that the member is expelled from membership in the Society. If written submissions are received in accordance with this section, the board will consider such submissions in arriving at a final decision and shall notify the member concerning such final decision within a further twenty (20) days from the date of receipt of the submissions. The board's decision shall be final and binding on the member, without any further right of appeal.

## **SECTION 4 — MEETINGS OF MEMBERS**

### **4.01 Call of Meetings**

Meetings of members may be called by any valid member at any time provided approval of the board.

### **4.02 Notice of Meeting**



Notice of the time and place for the holding of a meeting of members shall be given in the manner provided in Section 8.01 of this by-law to every members of the Society not less than 21 days (by mail) or not less than 14 days (electronic mail) before the time when the meeting is to be held.

#### **4.03 Persons Entitled to be Present**

The only persons entitled to be present at a meeting of members shall be those entitled to vote at the meeting, the directors and the public accountant of the Society and such other persons who are entitled or required under any provision of the Act, articles or by-laws of the Society to be present at the meeting. Any other person may be admitted only on the invitation of the board of directors or by resolution of the members.

#### **4.04 Chair of the Meeting**

Chair of the meeting is assumed by a member of the board of director in the following order: president, vice-president, past-president. In the event that these members of the board are absent, any of the regional representatives can chair the meeting.

#### **4.05 Quorum**

A quorum at any meeting of the members (unless a greater number of members are required to be present by the Act) shall be 10% of the members entitled to vote at the meeting. This number includes absentee votes as described in Section 4.07.

#### **4.06 Votes to Govern**

At any meeting of members every question shall, unless otherwise provided by the articles or by-laws or by the Act, be determined by a majority of the votes cast on the questions. In case of an equality of votes either on a show of hands or on a ballot or on the results of electronic voting, the chair of the meeting in addition to an original vote shall have a second or casting vote.

#### **4.07 Absentee Votes**

Absentee voting is allowed by proxy, mail in ballots, or electronic ballots.

## **SECTION 5 — DIRECTORS**

#### **5.01 Election and Term**

Subject to the articles, the members will elect the directors at the first meeting of members and at each succeeding annual meeting at which an election of directors is required, and the directors shall be elected to hold office for a term expiring not later than the close of the third year following the election. A normal term is set at two (2) calendar years from the time a director is elected.

#### **5.02 Positions on the Board**

Unless other members submit their candidacy for one of the above-mentioned positions on the board, the following rotation will take place at the end of their terms:

The secretary-treasurer will assume the duties of the vice-president pursuant to section 7.01 c;

The vice-president will assume the duties of the president pursuant to section 7.01 a;

The president will assume the duties of the past-president pursuant to section 7.01 b.

Any member of the board can submit its candidacy to retain his/her current position for an additional term. However, a member cannot occupy the same position on the board for more than 2 consecutive terms.

## SECTION 6 — MEETINGS OF DIRECTORS

### 6.01 Calling of Meetings

Meetings of the board may be called by the chair (president) of the board, the vice-chair (vice-president) of the board or any two (2) directors at any time.

### 6.02 Notice of Meeting

Notice of the time and place for the holding of a meeting of the board shall be given in the manner provided in Section 8.01 of this by-law to every director of the Society not less than 21 days (by mail) or not less than 14 days (email) before the time when the meeting is to be held. Notice of a meeting shall not be necessary if all of the directors are present, and none objects to the holding of the meeting, or if those absent have waived notice of or have otherwise signified their consent to the holding of such meeting. Notice of an adjourned meeting is not required if the time and place of the adjourned meeting is announced at the original meeting. Unless the by-law otherwise provides, no notice of meeting need specify the purpose or the business to be transacted at the meeting except that a notice of meeting of directors shall specify any matter referred to in subsection 138(2) (Limits on Authority) of the Act that is to be dealt with at the meeting.

### 6.03 Regular Meetings

The board may appoint a day or days in any month or months for regular meetings of the board at a place and hour to be named. A copy of any resolution of the board fixing the place and time of such regular meetings of the board shall be sent to each director forthwith after being passed, but no other notice shall be required for any such regular meeting except if subsection 136(3) (Notice of Meeting) of the Act requires the purpose thereof or the business to be transacted to be specified in the notice.

### 6.04 Votes to Govern

At all meetings of the board, every question shall be decided by a majority of the votes cast on the question. Chair of the meeting should not vote except to break a tie.

### 6.05 Committees

The board may from time to time appoint any committee or other advisory body, as it deems necessary or appropriate for such purposes and, subject to the Act, with such powers as the board shall see fit. Any such committee may formulate its own rules of procedure, subject to such regulations or directions as the board may from time to time make. Any committee member may be removed by resolution of the board of directors.

## SECTION 7 — OFFICERS

### 7.01 Description of Offices

Any of the following members can submit its candidacy for any of the position on the board of directors: regular members, student members, honorary Life members, and retired members. Unless otherwise

specified by the board which may, subject to the Act modify, restrict or supplement such duties and powers, the offices of the Society, if designated and if officers are appointed, shall have the following duties and powers associated with their positions:

- a) President of the Board** – The president of the Board shall be a director. The president shall be responsible for the over-all direction of the Society, and in particular shall:
  - 1) Preside at all meetings of the board of directors and of the members of the Society;
  - 2) Serve as chair of the board of directors;
  - 3) Represent the Society in dealing with affiliated entities as described in Section 1.09;
  - 4) Contribute to CSHS’s Newsletter and website;
  - 5) Have such other duties and powers as the board of directors may specify.
  
- b) Past-President** – The past-president shall be a director. The past-president shall assist the president in charting the over-all direction of the Society and in particular shall:
  - 1) Chair the honors and awards committee;
  - 2) Represent the Society in dealing with affiliated entities in absence of the President;
  - 3) Contribute to CSHS’s Newsletter and website;
  - 4) Have such other duties and powers as the board of directors may specify.
  
- c) Vice-President** – The vice-president shall be a director. The vice-president shall focus on issues related to the long-term functioning of the Society and in addition shall:
  - 1) If the president of the board is absent or is unable or refuses to act, the vice-president of the board, when present, presides at all meetings of the board of directors and of the members.
  - 2) In the absence of the president, assume the presidential duties;
  - 3) Ensure that businesses of the Society are conducted in agreement with the Act and its by-law;
  - 4) Contribute to CSHS’s Newsletter and website;
  - 5) Have such other duties and powers as the board of directors may specify.
  
- d) Secretary-Treasurer** – The secretary-treasurer shall be a director. The secretary-treasurer shall perform the usual duties pertaining to the office of secretary-treasurer and in particular shall:
  - 1) Prepare minutes of general meetings and meetings of the board of directors and distribute these minutes following board approval;
  - 2) Issue timely notice of meetings;
  - 3) Maintain custody of the Society's records;

- 4) In consultation with the board, approve payment of Society invoices and expenses;
  - 5) Present a statement of the financial condition of the Society prior to the annual general meeting as described in section 1.07;
  - 6) Serve as editor of the CSHS Bulletin/Newsletter, and
  - 7) Maintain the Society's web site.
- e) Regional Representatives – Up to four (4) regional representatives shall be directors. Regional representatives shall represent on the board of directors the particular interests of members in these geographical regions of Canada.
- 1) Assist in organizing annual meetings of the society;
  - 2) Contribute to CSHS's Newsletter and website.

The powers and duties of all other officers of the Society shall be such as the terms of their engagement call for or the board or president requires of them. The board may from time to time and subject to the Act, vary, add to or limit the powers and duties of any officer.

## 7.02 Vacancy in Office

In the absence of a written agreement to the contrary, the board may remove by majority vote, whether for cause or without cause, any officer of the Society. Unless so removed, an officer shall hold office until the earlier of:

- a) The officer's successor being appointed,
- b) The officer's resignation or
- c) Such officer's death.

If the office of any officer of the Society shall be or become vacant, the directors may, by resolution, appoint a person to fill such vacancy.

## SECTION 8 — NOTICES

### 8.01 Method of Giving Notices

Any notice (which term includes any communication or document) to be given (which term includes sent, delivered or served), other than notice of a meeting of members or a meeting of the board of directors, pursuant to the Act, the articles, the by-laws or otherwise to a member, director, officer or member of a committee of the board or to the public accountant shall be sufficiently given:

- a) If mailed to such person at such person's recorded address by prepaid ordinary or air mail; or
- b) If sent to such person by telephonic, electronic or other communication facility at such person's recorded address for that purpose; or

A notice so delivered shall be deemed to have been given when it is delivered personally or to the recorded address as aforesaid; a notice so mailed shall be deemed to have been given when deposited in a post

office or public letter box; and a notice so sent by any means of transmitted or recorded communication shall be deemed to have been given when dispatched or delivered to the appropriate communication company or agency or its representative for dispatch. The secretary-treasurer may change or cause to be changed the recorded address of any member, director, officer, public accountant or member of a committee of the board in accordance with any information believed by the secretary-treasurer to be reliable. The declaration by the secretary-treasurer that notice has been given pursuant to this by-law shall be sufficient and conclusive evidence of the giving of such notice. The signature of any director or officer of the Society to any notice or other document to be given by the Society may be written, stamped, type-written or printed or partly written, stamped, type-written or printed.

### **8.02 Invalidity of any provisions of this by-law**

The invalidity or unenforceability of any provision of this by-law shall not affect the validity or enforceability of the remaining provisions of this by-law.

### **8.03 Omissions and Errors**

The accidental omission to give any notice to any member, director, officer, member of a committee of the board or public accountant, or the non-receipt of any notice by any such person where the Society has provided notice in accordance with the by-laws or any error in any notice not affecting its substance shall not invalidate any action taken at any meeting to which the notice pertained or otherwise founded on such notice.

## **SECTION 9 — DISPUTE RESOLUTION**

### **9.01 Mediation and Arbitration**

Disputes or controversies among members, directors, officers, committee members, or volunteers of the Society are as much as possible to be resolved in accordance with mediation and/or arbitration as provided in Section 9.02 of this by-law.

### **9.02 Dispute Resolution Mechanism**

In the event that a dispute or controversy among members, directors, officers, committee members or volunteers of the Society arising out of or related to the articles or by-laws, or out of any aspect of the operations of the Society is not resolved in private meetings between the parties, then without prejudice to or in any other way derogating from the rights of the members, directors, officers, committee members, employees or volunteers of the Society as set out in the articles, by-laws or the Act, and as an alternative to such person instituting a law suit or legal action, such dispute or controversy shall be settled by a process of dispute resolution as follows:

- a) The dispute or controversy shall first be submitted to a panel of mediators whereby the one party appoints one mediator, the other party (or if applicable the board of the Society) appoints one mediator, and the two mediators so appointed jointly appoint a third mediator. The three mediators will then meet with the parties in question in an attempt to mediate a resolution between the parties.
- b) The number of mediators may be reduced from three to one or two upon agreement of the parties.
- c) If the parties are not successful in resolving the dispute through mediation, then the parties agree that the dispute shall be settled by arbitration before a single arbitrator, who shall not be any one of the mediators referred to above, in accordance with the provincial legislation governing domestic arbitrations in force in the province where the registered office of the Society is situated or as otherwise agreed upon by the parties to the dispute. The parties agree that all proceedings relating to arbitration shall be kept

confidential and there shall be no disclosure of any kind. The decision of the arbitrator shall be final and binding and shall not be subject to appeal on a question of fact, law or mixed fact and law.

- d) All costs of the mediators appointed in accordance with this section shall be borne equally by the parties to the dispute or the controversy. All costs of the arbitrators appointed in accordance with this section shall be borne by such parties as may be determined by the arbitrators.

## SECTION 10 — EFFECTIVE DATE

### 10.01 Effective Date

Subject to matters requiring a special resolution of the members, this by-law shall be effective when made by the board.

CERTIFIED to be By-Law No. 1 of the Society, as enacted by the directors of the Society by resolution on the \_\_\_\_\_ day of \_\_\_\_\_, 2014 and confirmed by the members of the Society by special resolution on the \_\_\_\_\_ day of \_\_\_\_\_, 2014.

Dated as of the [day] day of [Month], [Year].

---

[Indicate name of director/office