



NORTH AMERICAN FOREST COMMISSION

THIRTIETH SESSION

Missoula, Montana, USA 9 - 12 September 2019

REPORT OF THE SIVICULTURE WORKING GROUP

PERIOD: September 2017 – July 2019

1. WORKING GROUP COMPOSITION

Chairperson	Country	Organization
Dr. Jean-Martin Lussier	Canada	Canadian Forest Service
Members	Country	Organization
Ing. Mario Antonio Mosqueda Vázquez	Mexico	Comisión Nacional Forestal
Dr. Filemón Manzano Mendez	Mexico	Comisión Nacional Forestal
Dr. José Javier Corral Rivas	Mexico	Universidad Juárez del Estado de Durango
Dra. Patricia Negreros	Mexico	Universidad Veracruzana
Dr. Alejandro Velázquez Martínez	Mexico	Colegio de Postgraduados
Dra. Mary Ann Fajvan	USA	US Forest Service
Dra. Margaret Devall	USA	US Forest Service
Dr. Michael R Saunders	USA	Purdue University
Dr. Jean-Martin Lussier	Canada	Canadian Forest Service
P.Eng. Joseph Anawati	Canada	Canadian Forest Service

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Former Members (2017-2018)	Country	Organization
Ing. Germánico Galicia García	Mexico	Comisión Nacional Forestal
Luis Antonio Aceves Montaña	Mexico	Comisión Nacional Forestal
Maribel Pineda Rivera	Mexico	Comisión Nacional Forestal

2. LIST OF ACTIVITIES COMPLETED DURING THE PAST 2 YEARS

Meetings	Location	Date
2017 Annual Meeting	<i>Flagstaff, USA</i>	<i>July 2017</i>
2018 Annual Meeting	<i>Ottawa, Canada</i>	<i>September 2018</i>

ACTIVITY DESCRIPTION:

- **2017 Annual Meeting**
 - o Annual Meeting in conjunction with the 2017 US Forest Service National Silviculture Workshop, on 18-20 July 2017, in Flagstaff, Arizona. The theme of the workshop was "Silviculture: the Foundation for Restoration, Resilience, and Climate Adaptation".
- **2018 Annual Meeting**
 - o Visit of the Larose forest, a multiple-use public forest owned and managed by the United Counties of Prescott and Russell. These site visits would address silvicultural management topics as well as high conservation value forest protection, areas of concern, market and harvesting considerations. We discussed about white pine shelterwood management, upland hardwood management and maple tapping operation, and red pine thinning operations.
 - o Visit of the Petawawa Research Forest, managed by the Canadian Forest Service, one of the oldest research forests in North America. Areas of interest include Red Pine thinning, genetics, forest biomass trials, and enhanced forest inventory work.
 - o Visit of Irregular Shelterwood operations in tolerant hardwood forests, hosted by the Ministry of Forest, Wildlife and Parks of the Province of Quebec. Planning of silviculture treatments were discussed, and live mechanized operations were visited. Up to now, three new members were recruited: Ing. Mario Antonio Mosqueda Vázquez, Dr. Filemón Manzano Mendez, and Dr. Michael R Saunders.

3. PLANNED ACTIVITIES FOR THE NEXT 2 YEARS

Activity	Location	Date	Status (ongoing/new)
1. Inviting new members to the SWG. Persons in charge: Mexico (Dr. Javier Corral), USA (Dra. Mary Ann Fajvan), Canada (P.Eng. Joseph Anawati)	Three countries	November 2018	Ongoing

2.	Silviculture guide for <i>Pinus patula</i> . Person in charge: Dra. Margaret Devall	USA	March 2018	Ongoing
3.	Short report (<25 pages) published by the Canadian Forest Service and CONAFOR in English, French and Spanish. The report will be the main product of the 2015 annual meeting of the SWG and will published under the theme “Adapting silviculture to enhance the profitability and competitiveness of the value chains of the forest sector”. Person in charge: PhD. Jean-Martin Lussier	Canada	December 2017	Ongoing
4.	Development of a methodology to report goals of forest production (amount, quality, price, time, and risk). Person in charge: Ing. Germánico Garcia Galicia	Mexico	February 2017	Ongoing
5.	The development of a guide to define the silvicultural system to be applied according the forest type (regular or irregular). Person in charge: Dr. Javier Corral	Mexico	November 2017	Ongoing
6.	Short report of recommendations of size for group-selection gaps in mixed and uneven aged forests. Person in charge: Dr. Alejandro Velazquez	Mexico	December 2017	Ongoing
7.	2019 Annual Meeting	Louisville, KY, USA	27-30 Oct. 2017	NEW
8.	2020 Annual Meeting	Mexico	TBD	NEW

4. WORKING GROUP FINANCIAL INVESTMENTS AND/OR NETWORKING

- Over the last two years, the working group activities aimed to increase interactions with local silviculture professionals and managers from both the public and private sector in the country where we held our annual meeting. Researchers from universities and research institutes are also invited to participate to field tours and discussion of the working group.
- In 2018, the working group agreed to the need of recruiting new members to ensure continuity.

5. REQUEST FOR FUNDING AND/OR OTHER SUPPORT

[Brief summary of proposed activities, expected benefits, outputs and/or outcomes, and funding requested, with a general breakdown costs if applicable]

No request for this year.

6. CLOSING REMARKS

- The focus of the Silviculture working group is the exchange of knowledge about the silviculture and sustainable management of forest stands, and the research and development of common issues for the three countries.
- Visits and workshops in the field, on both experimental sites and live operations, are the preferred activities to favour knowledge exchange and reflection among the group members.
- Efforts are invested in the production of papers on the synthesis of scientific knowledge and practical recommendations to support silviculturists and forest managers.