



Cone and Seed Improvement Program BCMof Tree Seed Centre



Western Redcedar Articles of Interest

Seed

El-Kassaby, Y.A., K. Chaisurisri, D.G.W. Edwards, and D.W. Taylor. 1993. Genetic control of germination parameters of Douglas-fir, Sitka spruce, **western redcedar**, and yellow-cedar and its impact on container nursery production. In D.G.W. Edwards, compiler and editor. Proc. Internat. IUFRO Symposium 'Dormancy and barriers to germination' IUFRO Project Group P2.04-00 (Seed Problems). Victoria, BC. April 23-26, 1991.

Pelleting (General)

Fraser, J.W. and M.J. Adams. 1980. The effect of pelleting and encapsulation on germination on some conifer seeds native to Ontario. Great Lakes For. Res. Ctr Report 0-X-319. 17 pp.

Scott, J.M., G.J. Blair and A.C. Andrews. 1997. The mechanics of coating seeds in a small rotating drum. Seed Sci. & Technology 25:281-292.

Reproductive Biology

Owens, J.N. and M. Molder. 1979. Sexual reproduction in western red cedar (*Thuja plicata*). Can. J. Bot. 58:1376-1393.

Owens, J.N. 1984. The reproductive cycles of western redcedar and yellow-cedar. Info. Services Br. MoF, Victoria, B.C. pp. 7-28.

Owens, J.N., and R.P. Pharis. 1971. Initiation and development of western red cedar cones in response to gibberellin induction and under natural conditions. Can. J. Bot. 49: 1165-1175.

Pharis, R.P., W. Morf, and J.N. Owens. 1969. Development of the gibberellin induced ovulate strobilus of western red cedar: quantitative requirement for long day - short day. Can. J. Bot. 47: 415-420.

Diversity and Population Studies

El-Kassaby, Y.A., J. Russell, and K. Ritland. 1994. Mixed mating in an experimental population of western red cedar *Thuja plicata*. The Journal of Heredity 85:227-231.

Glaubitz, J.C., Y.A. El-Kassaby, and J.E. Carlson. 2000. Nuclear restriction fragment polymorphism analysis of genetic diversity in western redcedar. Can. J. For Res. 30:379-389.

O'Connell, L.M., F. Viard, J. Russell, and K. Ritland. 2001. The mating system in natural populations of western redcedar (*Thuja plicata*). Can. J. Bot. 79:753-756.

Grossnickle, SG, Fan, S. and Russell, JH. 2005. Variation in gas exchange and water use efficiency patterns among populations of western redcedar. *Trees-Structure and Function*. **19**(1):32-42

O'Connell, LM, Russell, JH and Ritland, K. 2004. Fine-scale estimation of outcrossing in western redcedar with microsatellite assay of bulked DNA. *Heredity* 93: 443-449.

Russell, JH, Burdon, RB and Yanchuk, AD. 2003. Inbreeding depression and variance structures for height and adaptation in self- and outcross *Thuja plicata* families in varying environments. *Forest Genetics* 10(3)

Vourc'h, G, Russell, JH and Martin, J-L. 2002. Linking deer browse, terpenes and genetic variation in Cupressaceae. *J.Hered.* 93(5):370-376