

Strong, W. L. 2013. Northernmost North American *Pinus contorta* var. *latifolia* (lodgepole pine) sociations and vegetation diversity relative to its central range east of the Rocky Mountains. – Nordic Journal of Botany 000: 000–000.

## Appendix 1

### Primary *Pinus contorta* var. *latifolia* central range relevé sources

Relevé data were obtained from studies conducted by the following authors. In some cases, the data were not part of the publically available documents.

Bainbridge, E. L. 2004. Patterns of vegetation development following clearcutting of *Pinus contorta*

Dougl. ex Loud. in west–central Alberta. – MSc thesis, Univ. of Calgary. \*

Corns, I. G. W. 1978. Tree growth prediction and plant community distribution in relation to

environmental factors in lodgepole pine, white spruce, black spruce, and aspen forests of western Alberta, foothills. – PhD thesis, Univ. of Alberta.

Hettinger, L. R. 1975. Vegetation of the Vine Creek drainage basin, Jasper National Park. – PhD thesis,

Univ. of Alberta.

Holland, W. D. and Coen, G. M. 1982. Ecological (biophysical) land classification of Banff and Jasper

National Parks. Publ. SS-82-44. – Alberta Inst. of Pedology.

La Roi, G. H. and Hnatiuk, R. J. 1980. The *Pinus contorta* forests of Banff and Jasper National Parks: a

study in comparative synecology and syntaxonomy. – Ecol. Monogr. 50: 1–29.

La Roi, G. H. and Pluth, D. J. 1986. Lodgepole pine and white spruce site index curves and productivity-

site relationships in western Canada. – Univ. of Alberta.

- Morgantini, L. E. and Kansas, J. L. 2003. Differentiating mature and old-growth forests in the Upper Foothills and Subalpine subregions of west-central Alberta. – *For. Chron.* 79: 602–612.
- Strong, W. L. 1996. Vegetation resource survey and impact assessment of the proposed Cheviot Mine and associated areas. – In: Cheviot Mine Project Application. Cardinal River Coals Ltd., Appendix 27. \*
- Strong, W. L. 1999a. Botanical, vegetation and ecological resource survey of the proposed Coal Valley II Mine extension and subregional ecosection classification. – In: Coal Valley Mine Extension Project. Luscar Ltd., Consultant Report 9. \*
- Strong, W. L. 1999b. Botanical, vegetation and ecological resource survey of the proposed Gregg River Mine West Extension area. – In: Gregg River Mine West Extension Project. Luscar Ltd., Consultant Report 2. \*
- Strong, W. L. 2001. Vegetation. – In: Grande cache coal project. Grande Cache Coal Company, Vol. 4, Part 2. \*
- Strong, W. L. 2005. Botanical, vegetation and ecological resource survey of the Mercoal East area, Consultant Report 6. – In: Mercoal Phase 2 project mine licence and EPEA amendment application (no. 1394021). Luscar Ltd. - Coal Valley Mine. Available from <[www.ercb.ca](http://www.ercb.ca)>. \*
- Wehrhahn, R. L. 1982. Forage inventory of the Chungo-Cline-Nordegg study area. Publ. T/19–4. – Alberta Energy and Natural Resources.

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\* Sampled by the same or a very similar method as applied in northern range stands.