**Reference reference doc**

About the Boreal forest

(Canada, 2013a; Department of Fisheries Forestry and Agriculture of Newfoundalnd and Labrador, 2022; Hagner, 1999; International Boreal Forest Research Association, n.d.; Pan et al., 2011)

Disturbances in the boreal forest

(Dymond et al., 2010; Leroux et al., 2020, 2021; Morin et al., 2021; Nosko et al., 2020)

*Spruce budworm*

(Canada, 2013b; Candau & Fleming, 2005; Dymond et al., 2010; Forest Protection, n.d.; Li et al., 2020; Miller, 1975; Otvos & Moody, 1978; Parks Canada Agency, 2021)

*Forest fires*

(Balshi et al., 2009; Bond-Lamberty et al., 2007; Kasischke & Stocks, 2012; Kelly et al., 2013; Kurz et al., 2013; Nuttle et al., 2013; Turetsky et al., 2011; Wilton & Evans, 1974)

*Moose*

(Crete et al., 2001; Leroux et al., 2020, 2021; Nosko et al., 2020; Salisbury et al., 2023; C. Smith, 2007; R. Smith et al., 2015; Wisdom et al., 2006)

Functional response: (Lundberg & Danell, 1990)

*Combined*

*(Andrus et al., 2020; Hidding et al., 2013; Leroux et al., 2021; Salisbury et al., 2023; C. Smith, 2007)*

Disturbances and carbon

(Balshi et al., 2009; Bond-Lamberty et al., 2007; Dymond et al., 2010; Kurz et al., 2013; Leroux et al., 2020, 2021; Schmitz et al., 2018; R. Smith et al., 2015; Turetsky et al., 2011)

Carbon

(Dirnböck et al., 2020; Dunn et al., 2009; Jiang et al., 2015; Moroni et al., 2010; Schmitz et al., 2018; Shen et al., 2011; Shure & Wilson, 1993; Smith et al., 2000; Zhao et al., 2014)

(Cao et al., 2020; Currie et al., n.d.; Kurz et al., 2013; Leroux et al., 2017; McRoberts, 2012; Poggio et al., 2021; Qin et al., 2016; Salisbury et al., 2023; Santoro et al., 2018; Sothe et al., 2022; Soto-Navarro et al., 2020; Spawn et al., 2020; Van de Water et al., 2002)

Modelling alternate stable states:

(Augustine et al., 1998; Buchkowski et al., 2023; Scheffer & Carpenter, 2003; Seabloom & Richards, 2003; Van Langevelde et al., 2003; Wal, 2006; Wolf et al., 2007)

(Hidding et al., 2013)

Forecasting

(Applestein et al., 2021; Blasi et al., 2021; Bodner et al., 2021; M. Dietze et al., 2021; M. C. Dietze, 2017; M. C. Dietze et al., 2018; Leroux et al., 2017; Tredennick et al., 2021; White et al., 2019)