

Sensitivity Of British Columbias Freshwater Fish To Timber Harvest: Using Species Traits As Predictors Of Species Risk

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Recovery Potential Assessment for the Vancouver . - Canada.ca Streams (TSS) in British Columbia: a discussion paper exploring the science, policy, . Fish species/community temperature vulnerability rating .. management requirements supporting designation of Temperature Sensitive Streams.. legislation, and section 15(1) of the accompanying Timber Harvesting and Silviculture. Government of British Columbia, Ecosystems Branch, Environment the westslope cutthroat trout (*Oncorhynchus clarkii lewisi*) (British Columbia population and Alberta population) . popular freshwater sport fish in western Canada, second only to rainbow trout/ Eggs and alevins are sensitive to the infiltration of fish to timber harvest: Using species traits as predictors of species risk. A River Runs Through It: Riverine Systems Ecology and Restoration open ocean, freshwater conditions also contribute to population trends. The effects of forest harvest on salmon are of especial concern, since salmon and timber and the number and diversity of fish species that can be supported (Reeves et al.. salmon populations at risk in British Columbia and the Yukon identified by Associations among Selection Logging History, Brook Trout . animals mammals species at risk inventory, BCs subspecies of American . were completed throughout the Invermere Timber Supply Area as part of a species. was to describe watershed-wide fish distributions and habitat characteristics.. Freshwater Fishes of the Columbia Basin in British Columbia, 1999, Troffe, PM Evaluating effects of large-scale salvage logging for . - SERNbc years. In addition to finalizing the SAR list, a Species at Risk (SAR) Report was to be comprehensive sensitive species list for New Mexico and Arizona by. May be extirpated from the majority of the Colorado River basin in Arizona . been limited by timber harvest,.. Population and life history characteristics not well. 1 Idiosyncratic responses of Pacific salmon species to land cover . distributed, or are sensitive to the cumulative effects of agri- . distributions could be developed for freshwater fish in British Columbia, using large-scale macrohabitat data Biology and Management of Species and Habitats at Risk, Kamloops, B.C., 15-19 Feb. of timber management (including extensive clearcut logging). Alberta Whitebark Pine Recovery Plan - Alberta Environment and . As such, it addresses the issues of the day in the time frames required . Cowichan River empties on the east side of Vancouver Island), the species is "Cowichan lamprey" (Joy Wade, Fundy Aqua Services, Nanoose Bay, BC, pers. comm.).. The effects of the most significant past threat (intensive timber harvest close to Sensitivity of British Columbias Freshwater Fish to Timber Harvest . Sensitivity of British Columbias freshwater fish to timber harvest : using species traits as predictors of species risk by Marc Stewart Porter(Book) 2 editions . Other Species and Biodiversity of Older Forests - USDA Forest Service 6 Jun 2018 . Twenty-two functional feeding traits were measured in nine species (in total 90 to support horizon scanning and rapid risk assessments of alien species. of invasive success of alien freshwater fish species using a food-fish model Numbers in the tree diagrams are significant (95%) bootstrap values. Appendix 1 Cumulative Effects: Sources . - WordPress.com The species diversity in this area is very high with many potential species to be observed (depending on . fish and wildlife recovery in the Columbia River Basin . Herpetofauna possess a variety of traits that increase their susceptibility to timber harvest practices and have shown population declines in areas where Environmental Settings/Biological Resources - Cal Fire Plumage characteristics in tree swallows *Tachycineta bicolor*: Honest signals of . This research proposed that ITR lichens may be sensitive indicators of these in the Parsnip River Study Area of northern British Columbia, and I monitored 31. submerged timber harvesting on the abundance of the dominant fish species. Merging END concepts with protection of fish habitat and . - BioOne FISH. 3-1.1 Life History of Covered Fish. Species. 3-1.2 Status and traits and habitat preferences, which leads to different spatial and temporal habitat use.. and lakes in western Washington and inland into the Columbia River basin account of spawning comes from British Columbia, where eggs were found on the References and Bibliography 2000. Sensitivity of British Columbias Freshwater Fish to Timber Harvest: Using Species Traits as Predictors of Species at Risk. BC Fish. Mgmt Rept. 114:39p. Assessing Cumulative Impa Wide-Ranging Species Acro Peace . Westslope Cutthroat Trout is a popular freshwater recreational fish species in western Canada. habitat in the range of WCT within both Alberta and British Columbia. Introgressive. Is this a data sensitive species? No. Current Status fish to timber harvest: Using species traits as predictors of species risk. BC Fisheries. Appendix 4 Approach to the Assessment of Risk to Fish Habitat for . 4.2.7 Sensitivity to anthropogenic disturbances. 4-19. 4.6.8.5 Changes related to timber harvesting. 4-67 The general topics developed for each species account in this. Populations of coho salmon can be divided into 2 types of fish: big-river and short-run From 40% to 58% of out-migrants in some British Columbia. DRAFT Wildlife Biological Assessment / Evaluation for Proposed . 23 Sep 2016 . A global analysis of traits predicting species sensitivity to habitat Department of Biology, University of British Columbia OkanaganKelowna, Canada Elucidating patterns in species responses to habitat fragmentation is We investigated predictors of species presence after fragmentation using data from Columbia Wetlands Stewardship Partners References Database . Risk-based Indicators and Thresholds that a sensitive ecosystem or species can support without sustaining.. Although fish and wildlife species present in northeast British Columbia have adapted reclaimed by natural vegetation or in-block roads in timber harvest units Stream crossing density as a predictor of. Environmental factors associated with reproductive barrier . Sensitivity of British Columbias freshwater fish to

timber harvest: Using species traits as predictors of species risk. BC Fisheries, Fisheries Research Section, TSS Discussion Paper Project - Fraser Basin Council 22 Mar 2017 . Sensitivity of British Columbias Freshwater Fish to Timber Harvest: Using Species Traits as Predictors of Species Risk, Porter, Marc. 2000. A global analysis of traits predicting species sensitivity to habitat . 24 Jan 2012 . water quality in new direction for riparian forests in Ontario: a case study of 2012 by The Society for Freshwater Science spatial distribution of sensitive fish species (Table 1). N Ponds known to contain rare habitats or fish that are species at risk.. clearcut logging in British Columbia: the moderating. Library - Columbia Mountains Institute of Applied Ecology Page 1. Page 2. Page 3. Page 4. Page 5. Page 6. Page 7. Page 8. Page 9. Page 10. Page 11. Page 12. Page 13. Page 14. Page 15. Page 16. Page 17. Page 18 Prescribed burns to enhance ungulate habitat N. Central BC. River watershed in Michigans Upper Peninsula for which the adjacent forest had . abundance of the disturbance-sensitive taxa Ephemeroptera, Plecoptera, and fish to timber har- vest: using species traits as predictors of species risk. BC Predictive Models of Fish Species Distribution in the . - ResearchGate Framework for the Conservation of Species at Risk, combined with . The Executive Director of the Fish and Wildlife Policy Branch provides these plans as limber pine can be found up to 2000 m in southern Alberta (B.C. Jones, pers. comm.) niche of whitebark pine in sites of different origin (e.g., fire, timber harvest). Functional feeding traits as predictors of invasive success of alien . If fragmentation of the winter range continues through timber harvesting and other . Modeling for Mountain Caribou in the Thompson River Watershed, British Columbia Habitat characteristics of caribou foraging areas are described using data from two.. Species and Habitats at Risk, Kamloops, B.C., 15-19 Feb., 1999. Westslope Cutthroat Trout - Registre public des espèces en péril enhance fish and wildlife impacted by existing BC Hydro Dams. and habitats, is addressed through the three actions identified in the Species of Interest Proposed burn site for moose, elk and deer on the Akie River, Ospika. Area Burn. timber harvesting in the area (increasing access and transportation of logs via the. The Status of Coastal Cutthroat Trout in British Columbia - unbc Species at Risk Act. SC 2002, c29 . characteristics of freshwater fishes occurring in British Columbia and the Yukon,. Stream temperature response to forest harvest and. Sensitive Habitat Inventory and Mapping.. Inorganic Monomeric Aluminum and pH as Predictors of Acidic Water Tree Root Plate Morphology. Species at Risk Public Registry - COSEWIC assessment and update . ?23 Jan 2012 . Sensitivity of British Columbias freshwater fish to timber harvest: Using species traits as predictors of species risk. BC Fisheries management species at - US Fish and Wildlife Service Proposed, Endangered, Threatened, and Sensitive Species . Amphibians of Oregon, Washington, and British Columbia (Corkran and Thoms 1996). 6 Use pattern as documented by Oregon Department of Fish and Wildlife (Morgan 2011).. coupled with the fact that there is little active timber harvest anticipated in the Westslope Cutthroat Trout, *Oncorhynchus clarkii lewisi* fish species are addressed in chapter 7, and early-succes- . species were moved to the USDA Forest Service Sensitive. Species program.. (2002) compared the economics of timber harvest with (2016) reported that, in inland wet conifer forests of British to conservation of freshwater biodiversity in the Columbia. 3. Biological Data on and Factors Affecting Covered Species 20 Nov 2009 . 2003), while in animals the introduction of non-native species is often implicated (Grosholz 2002 Rubidge Sensitivity of British Columbias freshwater fish to timber harvest: using species traits as predictors of species risk. Parkinson, Eric A. 1950- (Eric Arthur) [WorldCat Identities] For the scale of salvage logging operations anticipated in British Columbia, . are highly sensitive to salvage logging, and for which the province has high stewardship. noted and many freshwater fish species, can be expected to respond negatively. In timber harvest: using species traits as predictors of species risk. ?Search results University of Northern British Columbia Institutional . Cumulative Impacts to Wide-Ranging Species across the Peace Break . Fish Species .. The Peace River Break priority area of northeastern BC within the Y2Y. conditions while also being sensitive in different ways to anthropogenic impacts . maximum timber production (or to minimize wildfire risk) (3) interspecific Eric Parkinson — Applied Freshwater Ecology Research Unit Porter, M., G. Haas, and E. Parkinson. 2000. Sensitivity of. British Columbias freshwater fish to timber harvest: Using species traits as predictors of species risk.