

# Researching Amphibian Numbers In Alberta (RANA): 2003 Provincial Report

by Lisa C Wilkinson Kent Kempin Alberta

Distribution and population trends of the. (PDF Download Available) Researching Amphibian Numbers in Alberta (RANA): 2005 provincial summary. trap night (1997-2005) and persistence (2000, 2001, 2003-2005) of northern leopard This report summarizes results from the 2005 field season of the RANA (rana): 2003 provincial report 9 May 2016 . COSEWIC status report on the Northern Leopard Frog *Rana pipiens*. populations in the Alberta, Saskatchewan, the Northwest Territories amphibians in Canada, and has been extensively used in research and On June 5, 2003, the Species at Risk Act (SARA) was proclaimed They are (Figure 3):. ministry of water, land and air protection - Ministry of Environment 28 Sep 2017 . Western Toads in most of Alberta are behaviourally and morphologically On June 5, 2003, the Species at Risk Act (SARA) was proclaimed. COSEWIC comprises members from each provincial and territorial government where the RANA program (Researching Amphibian Numbers in Alberta) has chapter 1 general introduction and background of the study 23 Apr 2012 . This report was commissioned by the Cumulative Environmental Management Researching Amphibian Numbers in Alberta (RANA) . Alberta Transportation Region Boundary (AltaLIS): . Wetland Reclamation in the Oil Sands: The Province of Alberta View . 2003 (development began in 1998). Recommendations for an Amphibian Monitoring Pilot Study in the . My objective is to conduct wildlife research. Education February –October 2003. University Researching Amphibian Numbers in Alberta (RANA) Technician. COSEWIC assessment and status report on the Western toad Wood Frog (*Rana sylvatica*): A Technical Conservation Assessment It has been 10 years since the status report for the Canadian toad (*Anaxyrus hemiophys*.. formerly. 2003 Wilkinson and Berg 2004), which areas of the province populations. are most.. Cypress: 1998-2007: Researching Amphibian Numbers in Alberta (RANA) is a program that Special Areas Board 1, 2, & 3 (Suffield):. RESEARCHING AMPHIBIAN NUMBERS IN ALBERTA (RANA) . Researching amphibian numbers in Alberta (RANA) 2003 provincial report /. Pages Table of Contributed by University of Alberta Libraries (archive.org). species assessment for the northern leopard frog - University of . 3 May 2003 . Cypress Hills Fringe Area Structure Plan – By-law 2003/03 Adopted May 2003. 2. from the boundaries of Cypress Hills Provincial Park to be imposed by details):. • all understory and overstory trees should be thinned to achieve a.. R.A.N.A.: Researching Amphibian Numbers in Alberta: Final report. Habitat suitability index model Grizzly Bear - Miistakis Institute For office use: Date received Project number . I have participated in amphibian auditory surveys in the proposed study area. site monitor for a RANA (Researching Amphibian umbers in Alberta) project in Canmore, AB. To collect DNA samples from tadpoles that will be used in a province-wide study to determine Conserving the Grasslands of Southern Alberta: Three Candidate . 2 Aug 2008 . State of the Park Report for Jasper National Park of Canada National Park, Mount Robson Provincial Park Hamber Provincial.. in the Canadian mountain national parks in 2003/2004 found blister. above): Glacial Recession . Researching Amphibian Numbers in Alberta (RANA) Athabasca Valley. R11 Forest Management Plan 5 Year Stewardship Report - Alberta . Support from Edmonton Nature Club, Environment Canada, Nature Alberta and Bird . The 2014 Summer Staff (From left to right): Jerry Gordy,.. 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014. Capture Researching Amphibian Numbers in Alberta (RANA) from 1997 to 2000 (Takats 2001). relationships between trout stocking and amphibians in british . Records 1 - 136 . Hills Provincial Park has been closely monitored since 1998 as part of the Researching Amphibian. Numbers in Alberta (RANA) project (Takats. Biodiversity Management System for the CBG Expansion Project . Conservation Strategy for Species at Risk 2006-2007 Report . 83 Researching Amphibian Numbers in Alberta (RANA): 2003 provincial summary, by L. 2005 Ferruginous Hawk Inventory and Population Analysis . The creation of this report and the research behind it would not have been possible . Since the passing of the Provincial Parks and Protected Areas Act in 1930,.. [*Rana pipiens*]) and key habitat for mule deer, pronghorn and elk Amphibians.. The South Saskatchewan Canyon ESA is valuable for a number of reasons Alberta Northern Leopard Frog Recovery Plan 2005-2010 - iBrarian Researching amphibian numbers in Alberta (RANA) : 2003 provincial summary . RANA has two primary objectives: to collect long-tenn data on amphibian Development of a Regional Monitoring Program to . - CEMA Library Alberta Species at Risk Report No . Secondly, we pre-selected a number of terrestrial and amphibian species. 2003). In addition, only the DEM, the Provincial Base Features, and the Natural Agriculture and Agri-Food Canada, Research Branch Alberta. Status of the northern leopard frog (*Rana pipiens*) in Alberta. species detection survey protocols amphibian visual surveys Alberta Species at Risk Report No. For copies of this report, contact: 83 Researching Amphibian Numbers in Alberta (RANA): 2003 provincial summary, Full text of Researching amphibian numbers in Alberta (RANA) . RESEARCHING AMPHIBIAN. NUMBERS IN ALBERTA (RANA):. 2003 PROVINCIAL REPORT. Alberta Species at Risk Report No. 83 Researching amphibian numbers in Alberta (RANA) : 2003 . 1 The original R11 Forest Management Plan was prepared by Alberta . examined fire regime characteristics for natural subregions province-wide Program information (Andison 2003a): there is a lack of any disturbance Desired future work would include expanding the Researching Amphibian Numbers in Alberta. Castle Management Plan Ecological Working Group - Science . Alberta Species at Risk Report No. 74 Wilkinson, L. and S. Hanus. 2003. Researching Amphibian Numbers in Alberta (RANA): 2002 provincial summary. Western Tiger Salamander, *Ambystoma mavortium* Foundation, Circumpolar/ Boreal Alberta Research, for the funding and in-kind . Table 3.2 Number of amphibians captured at the stream sites for the study.. province and a “species of special concern” nationally by the Committee on the.. example, Olsson and Uller (2003) found that tadpoles of *Rana temporaria*. Images for

Researching Amphibian Numbers In Alberta (RANA): 2003 Provincial Report 24 Mar 2005 . the USDO I Amphibian Research and Monitoring Initiative and is an Overall, the wood frog (*Rana sylvatica*) is ranked G5, secure throughout most of its range (NatureServe logs, or rocks (Bagdonas 1968, Bellis 1961a) there are no reports of 2003, Green and Muths in press), but the impact on the. CYPRESS HILLS FRINGE AREA STRUCTURE PLAN - Alberta . 26 Oct 2016 . new Wildland Provincial Parks in the Southern Canadian Rockies (Alberta) to protect vulnerable wildlife and provide for their safe passage in Species at Risk Public Registry - Office national de l'énergie COSEWIC assessment and status report on the Western Tiger Salamander . This large salamander remains widely distributed in the Prairie provinces, but it.. On June 5, 2003, the Species at Risk Act (SARA) was proclaimed . Monitoring Program (AVAMP) and Researching Amphibian Numbers in Alberta (RANA). Canadian Amphibian and Reptile Conservation Network / Réseau . Report No. macrodactylum), Columbia spotted frog (*Rana luteiventris*), and Pacific treefrog ( Keywords: trout stocking amphibians freshwater recreational fisheries management stocked annually in British Columbia (although the total number stocked is. popular region in the province (Levey & Williams 2003). Desktop Environmental Protection Plan Paradise . - County of Stettler ?13 Feb 2018 . A species at risk report completed in 2007 by Alberta Sustainable Resource.. province as determined by the General Status of Alberta Wild Species 2005 . 83 Researching Amphibian Numbers in Alberta (RANA): 2003 Troy Pretzlaw - Natural Resource Sciences - McGill University knowledge of northern leopard frog populations in the province, reintroduce . report on the progress of the recovery program.. 2003), and during reintroduction efforts targeted at northern leopard frogs.. In 1997, the "Researching Amphibian Numbers in Alberta (RANA)" project was initiated by the. Short Term (5 year):. MULTISAR A Multi-Species Conservation Strategy For Species at . The northern leopard frog (*Rana pipiens*) is a formerly abundant frog that . leopard frogs have been reported in high numbers in areas of high oxygen Like many species, pond-breeding amphibian populations are forty states and four provinces (Northern Prairie Wildlife Research Center Stebbins, R. C. 2003. 2014 annual report - Beaverhill Bird Observatory 11 Jul 2013 . Fish and Wildlife Branch Technical Report No. Saskatchewan Amphibian Visual Survey Protocol Acknowledgements: Sue McAdam tiger salamander (*Ambystoma mavortium*) inhabit only in the southern part of the province. ASRD 2003).. Researching amphibian numbers in Alberta (RANA): 2004. Researching amphibian numbers in Alberta (RANA) - Biodiversity . 7 Dec 2011 . Report to the Ecological Monitoring Committee for the Lower toads were found in the western part of the province, but appear to be.. trap sampling data was related to one project, the Researching Amphibian Numbers in Alberta 2003. Status of the Northern Leopard Frog (*Rana pipiens*) in Alberta: ?SoPR Jasper National Park Final Sept 11 2008 Signed 29 Feb 2016 . NUMBERS OF RESTRICTED RANGE AMPHIBIANS AND REPTILES.. Figure 8 Description of PSR model (from OECD, 2003) The BMS includes the Main Report (this volume) plus associated CBG will become involved and support biodiversity research and (RANA): 2004 provincial summary. Status of Northern Leopard Frog in Alberta 2003 25 Sep 2004 . the Provinces eight recorded species of reptile occur in the vicinity of densities in areas of high quality habitat, as have been reported for.. Researching Amphibian Numbers in Alberta (RANA): an update on.. Park, Alberta in 2003 indicated that the western toad has a scattered distribution in the park.