

Alpine Plant Community Trends on the Elk Summer Range of Rocky Mountain National Park, Colorado: An Analysis of Existing Data: Usgs Open-File Report 2



Filesize: 4.45 MB

Reviews

*Extremely helpful to any or all category of individuals. It really is rally fascinating throgh studying time period. I am just quickly could possibly get a pleasure of reading a composed ebook.
(Lawrence Keeling)*

ALPINE PLANT COMMUNITY TRENDS ON THE ELK SUMMER RANGE OF ROCKY MOUNTAIN NATIONAL PARK, COLORADO: AN ANALYSIS OF EXISTING DATA: USGS OPEN-FILE REPORT 2

DOWNLOAD



To save **Alpine Plant Community Trends on the Elk Summer Range of Rocky Mountain National Park, Colorado: An Analysis of Existing Data: Usgs Open-File Report 2** PDF, you should refer to the link listed below and download the ebook or gain access to additional information which are related to ALPINE PLANT COMMUNITY TRENDS ON THE ELK SUMMER RANGE OF ROCKY MOUNTAIN NATIONAL PARK, COLORADO: AN ANALYSIS OF EXISTING DATA: USGS OPEN-FILE REPORT 2 ebook.

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.The majority of the elk (*Cervus elaphus*) population of Rocky Mountain National Park in Colorado summer in the park's high elevation alpine and subalpine meadows and willow krummholz. The park's population of white-tailed ptarmigan (*Lagopus leucurus alpinus*) depends on both dwarf and krummholz willows for food and cover. Concern about the effects of elk herbivory on these communities prompted the monitoring of 12 vegetation transects in these regions from 1971 to 1996. Over this 25-year period, data were collected on plant species cover and frequency and shrub heights. These data have not been statistically analyzed for trends in measured variable over time to determine changes in species abundance. Krummholz willow species (*Salix planifolia*, *S. brachycarpa*) declined 17-20 percent in cover and about 25 centimeters in height over the study period. Graminoids (particularly *Deschampsia caespitosa*, *Carex*, and *Poa*) increased slightly from 1971 to 1996. No significant increases of nonnative plant species were observed. An increase in presence of bare ground over the 25-year period warrants continued measurement of these transects. Lack of good data on elk density, distribution, or use levels precluded correlating changes in plant species cover, frequency, or heights with elk population trends. I recommend development of a more rigorously designed monitoring program that includes these transects as well as other chosen on a random or stratified design and consistent measurement protocol and sampling intervals. Some method of quantifying elk use, either through measurement of plant utilization, pellet counts, or census-type surveys, would allow correlation of changes in plant species over time with changes in elk distribution and density on the park's alpine and subalpine regions.



[Read Alpine Plant Community Trends on the Elk Summer Range of Rocky Mountain National Park, Colorado: An Analysis of Existing Data: Usgs Open-File Report 2 Online](#)



[Download PDF Alpine Plant Community Trends on the Elk Summer Range of Rocky Mountain National Park, Colorado: An Analysis of Existing Data: Usgs Open-File Report 2](#)



[Download ePUB Alpine Plant Community Trends on the Elk Summer Range of Rocky Mountain National Park, Colorado: An Analysis of Existing Data: Usgs Open-File Report 2](#)

Relevant eBooks



[PDF] Genuine the book spiritual growth of children picture books: let the children learn to say no the A Bofu (AboffM)(Chinese Edition)

Follow the hyperlink listed below to download and read "Genuine the book spiritual growth of children picture books: let the children learn to say no the A Bofu (AboffM)(Chinese Edition)" PDF file.

[Download PDF »](#)



[PDF] On the Go with Baby A Stress Free Guide to Getting Across Town or Around the World by Ericka Lutz 2002 Paperback

Follow the hyperlink listed below to download and read "On the Go with Baby A Stress Free Guide to Getting Across Town or Around the World by Ericka Lutz 2002 Paperback" PDF file.

[Download PDF »](#)



[PDF] Comic eBook: Hilarious Book for Kids Age 5-8: Dog Farts Dog Fart Super-Hero Style (Fart Book: Fart Freestyle Sounds on the Highest New Yorker Skyscraper Tops Beyond)

Follow the hyperlink listed below to download and read "Comic eBook: Hilarious Book for Kids Age 5-8: Dog Farts Dog Fart Super-Hero Style (Fart Book: Fart Freestyle Sounds on the Highest New Yorker Skyscraper Tops Beyond)" PDF file.

[Download PDF »](#)



[PDF] Reflections From the Powder Room on the Love Dare: A Topical Discussion by Women from Different Walks of Life

Follow the hyperlink listed below to download and read "Reflections From the Powder Room on the Love Dare: A Topical Discussion by Women from Different Walks of Life" PDF file.

[Download PDF »](#)



[PDF] Social Justice Instruction: Empowerment on the Chalkboard: 2016

Follow the hyperlink listed below to download and read "Social Justice Instruction: Empowerment on the Chalkboard: 2016" PDF file.

[Download PDF »](#)



[PDF] The Preschool Church Church School Lesson for Three to Five Year Olds by Eve Parker 1996 Paperback

Follow the hyperlink listed below to download and read "The Preschool Church Church School Lesson for Three to Five Year Olds by Eve Parker 1996 Paperback" PDF file.

[Download PDF »](#)



[PDF] Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Brewer, Jo Ann

Follow the link under to read "Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Brewer, Jo Ann" file.

[Read Book »](#)



[PDF] Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452

Follow the link under to read "Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452" file.

[Read Book »](#)



[PDF] THE Key to My Children Series: Evan s Eyebrows Say Yes

Follow the link under to read "THE Key to My Children Series: Evan s Eyebrows Say Yes" file.

[Read Book »](#)



[PDF] Now and Then: From Coney Island to Here

Follow the link under to read "Now and Then: From Coney Island to Here" file.

[Read Book »](#)



[PDF] Your Pregnancy for the Father to Be Everything You Need to Know about Pregnancy Childbirth and Getting Ready for Your New Baby by Judith Schuler and Glade B Curtis 2003 Paperback

Follow the link under to read "Your Pregnancy for the Father to Be Everything You Need to Know about Pregnancy Childbirth and Getting Ready for Your New Baby by Judith Schuler and Glade B Curtis 2003 Paperback" file.

[Read Book »](#)



[PDF] Found around the world : pay attention to safety(Chinese Edition)

Follow the link under to read "Found around the world : pay attention to safety(Chinese Edition)" file.

[Read Book »](#)