

Zoological Record[®] Quick Reference Card

Zoological Record[®] is the leading taxonomic reference database covering every field in animal biology, including biodiversity, taxonomy, veterinary sciences, and wildlife management. *Zoological Record* includes over 3.5 million bibliographic records dating back to 1864. Approximately 75,000 records are added each year. *Zoological Record* contains over 5,000 journals as well as books, reports, newsletters and conference papers.

1 Search

Search by Topic, Author/Editor, Publication Name, Year Published, Address, Subject Descriptors, or other Identifying codes. Use the drop down menu for each search box to choose the area of your search. You can limit your search by original language of publication, document type, or media type.

- Use the drop down menu to change the relationship between each search field to AND, OR, or NOT.
- Add additional fields for a more complex search.
- Change the time frame and data limits of your search.

SEARCH OPERATORS

Search using AND, OR, NOT, and SAME (same sentence) to create logical search statements. Nest search operators inside parentheses. Search exact or truncated phrases inside quotation marks.

TRUNCATION SYMBOLS

Use truncation to retrieve plurals and variant spellings.

- * = zero to many characters
- ? = one character
- \$ = zero or one character

SEARCH

NAVIGATE

REFINE

PERSONALIZE

SAVE

Full Record

1 Title

Titles are indexed as they appear in the source document. Foreign language titles are translated into US English and the original title is retained below the translation.

2 Authors

All author names, for records from 1994 to the present, are indexed and searchable. For records previous to 1994, up to ten names are indexed, with "et al." if there are more than ten names.

3 Source Information

Journal title, volume, issue, pagination, and publication date display here. The ISSN/ISBN appears below the Author Address information.

4 Abstract

The English language author abstract of the source document appears here. Foreign Language abstracts are not retained.

5 Document Type

The Document Type tells you whether this record corresponds to a journal article, a meeting, or a book.

6 Language

The original language of the source document displays here.

7 Addresses

The address for the reprint author as identified by the source article is indexed and searchable. In the event that a reprint author is not identified, the first listed address is indexed and searchable. If available, the email address of the reprint author will be given in a separate Email Address field.

Zoological Record®

<< Back to results list Record 1 of 6 >> Record from Zoological Record

1 **Estimating the growth of a newly established moose population using reproductive value.**

2 [Full Text](#) [Links](#) [Print](#) [E-mail](#) [Add to Marked List](#) [Save to EndNote Web](#) more options

3 **Author(s):** Saether, Bernt-Erik (Bernt-Erik.Saether@bio.ntnu.no); Engen, Steinar; Solberg, Erling J.; Heim, Morten

3 **Source:** *Ecography* **Volume:** 30 **Issue:** 3 **Pages:** 417-421 **Published:** June 2007

4 **Abstract:** Estimating the population growth rate and environmental stochasticity of long-lived species is difficult because annual variation in population size is influenced by temporal autocorrelations caused by fluctuations in the age-structure. Here we use the dynamics of the reproductive value to estimate the long-term growth rate s and the environmental variance $[\sigma]_e^2$ of a moose population that recently colonized the island of Vega in northern Norway. We show that the population growth rate was high (s) over $cap=0.26$. The major stochastic influences on the population dynamics were due to demographic stochasticity, whereas the environmental variance was not significantly different from 0. This supports the suggestion that population growth rates of polytocous ungulates are high, and that demographic stochasticity must be assessed when estimating the growth of small ungulate populations.

5 **Accession Number:** ZOOR14311068141

5 **Document Type:** Article

6 **Language:** English

6 **Summary Language:** English

Medium: Print

7 **Address:** Saether, Bernt-Erik; Norwegian Univ Sci and Technol, Dept Biol, NO-7491 Trondheim, Norway

E-mail Address: Bernt-Erik.Saether@bio.ntnu.no

Cited by: 2
This article has been cited 2 times (from Web of Science).
Grotnan V, Saether BE, Filli F, et al. Effects of climate on population fluctuations of ibex. GLOBAL CHANGE BIOLOGY 2 218-228 FEB
Solberg EJ, Heim M, Grotnan V, et al. Annual variation in maternal age and calving date generate cohort effects in moose (Alces alces) body mass. OECOLOGIA 2 259-271 NOV

[View all 2 citing articles](#)
[Create Citation Alert](#)

Related Records:
Find similar records based on shared references (from Web of Science).
[View related records](#)

References: 40
View the bibliography of this record (from Web of Science).

If your institution has access to Web of Science, you may see additional information in the blue sidebar.

Click the **Cited By** number to move to the articles that have cited this article in Web of Science. The bibliographic information for the three latest articles to cite this article will automatically display with the full record.

Click **View Related Records** to find articles that have cited the same earlier materials.

Click **Create Citation Alert** to be notified when the article is cited by any new Web of Science record. Citation Alerts will remain active for one year, but can be renewed at any time.

Full Record (continued)

8 Broad Terms

The Broad Terms are controlled terms from the Subject, Geographical, and Palaeontological hierarchies of the Zoological Record thesaurus.

9 Descriptors Data

Descriptors are controlled and non-controlled terms used to index a source document, and are displayed in a table. The Organism column contains the name(s) of the organism(s) discussed in the source document. The Controlled Terms are taken from the Zoological Record thesaurus. The Subset and Modifier table columns contain free-text or non-controlled indexing terms.

10 Taxa Notes / Super Taxa

Controlled terms from the Taxa Notes and Super Taxa hierarchies of the Zoological Record thesaurus. Taxa Notes are English vernacular names for broad animal groups for animals discussed in the source document. Super Taxa terms are scientific terms displayed to show the taxonomic hierarchy within which the animals discussed in the source document belong.

11 Systematics

These are controlled and non-controlled terms relating to animal names, systematics, and taxonomy which are used to index the source document.

ISSN: 0906-7590

BROAD TERMS: Techniques; Reproduction; Ecology; Abiotic factors; Land zones; Palaeartic region; Eurasia; Europe

Descriptors Data:

Organism	CONTROLLED TERM	Subset	Modifier
Alces alces	Ecological techniques		Population growth rate estimation using reproductive value
	Reproductive productivity		Use in estimation of population growth in newly established population
	Population dynamics	Population growth rate	Estimation using reproductive value & evidence for demographic stochasticity effects
	Abiotic factors	Environmental stochasticity	Role in population growth rates & implications for growth estimates
	Norway	Vega Island	Population growth rate of newly established population; estimation using reproductive value

TAXA NOTES: Chordates; Mammals; Ungulates; Vertebrates

SUPER TAXA:

Mammalia
Artiodactyla
Cervidae

Systematics:

CLASSIFIER	Organism Name
Cervidae	Alces alces

Additional information

- View the journal's Table of Contents (in Current Contents Connect)

Refine and Analyze

1 Refine your Results

Use Refine to mine a set of up to 100,000 results to find the top 100 Organisms, Subject Areas, Source Titles, Document Types, Authors, Descriptors, Systematics Controlled Terms, Taxa Notes, Publication Years, and Languages.

2 Sort Results

Sort up to 100,000 records by

- Latest Date (default)
- Relevance
- Publication Year
- Source Title
- First Author

3 Analyze Results

Like Refine, with Analyze you can mine a set of up to 100,000 results. With Analyze you can output the results to Microsoft® Excel to create your own graphs.

4 Output Records or Save to Endnote Web

Output records, add to your Marked List, or save to EndNote Web. Quickly print, e-mail or save to a temporary marked list (500 records maximum), or save permanently to EndNote Web (10,000 max). Click "more options" to save a range of records, adjust your saved fields, or export directly to ResearchSoft reference software (EndNote, Reference Manager, and ProCite) you have installed on your desktop.

All Databases | **Select a Database** | Zoological Record | **Additional Resources**

Search | Advanced Search | Search History | Marked List (0)

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Results Topic=(moose or "alces alces")
Timespan=All Years. Databases=RECORDS.

Results: **3,105** | Page 1 of 311 (Go) | Sort by: Latest Date

Print | E-mail | Add to Marked List | Save to EndNote Web | more options | Analyze Results

Refine Results 1

Search within results for

Organisms Refine

- ALCES ALCES (2,405)
- MAMMALIA (371)
- CANIS LUPUS (252)
- RANGIFER TARANDUS (158)
- CERVUS ELAPHUS (152)
- more...

Document Types Refine

- ARTICLE (2,865)
- MEETING PAPER (225)
- BOOK CHAPTER (208)
- BOOK (32)
- MEETING (20)

Authors

Source Titles

Subject Areas

Publication Years

Descriptors

Systematics Controlled Terms

Taxa Notes

Languages

For more advanced refine options, use Analyze Results

2

3

4

1. Title: Food habits of wolverine *Gulo gulo* in montane ecosystems of British Columbia, Canada. Author(s): Lofroth, Eric C.; Krebs, John A.; Harrower, William L.; et al. Source: **Wildlife Biology** Volume: 13 Supplement (Suppl 2) Page(s): 31-37 Published: 2007

2. Title: Fidelity to calving areas in moose (*Alces alces*) in the absence of natural predators. Author(s): Tremblay, J.-P.; Solberg, E.J.; Saether, B.-E.; et al. Source: **Canadian Journal of Zoology** Volume: 85 Issue: 8 Page(s): 902-908 Published: August 2007

3. Title: Habitat use by black bears in relation to conspecifics and competitors. Author(s): Gameau, Danielle E.; Boudreau, Toby; Keech, Mark; et al. Source: **Mammalian Biology** Volume: 73 Issue: 1 Page(s): 48-57 Published: 2008

4. Title: Effect of landscape alteration on the dynamics of mammal communities. Author(s): Bolshakov, Vladimir N.; Korytin, Nikolai S. Source: **Beitraege zur Jagd- und Wildforschung** Volume: 32 Page(s): 251-256 Published: 2007

5. Title: Identification of species and sex of Korean roe deer (*Capreolus pygargus tianschanicus*) using SRY and CYTB genes. Author(s): Han, Sang-Hyun; Cho, In-Cheol; Lee, Sung-Soo; et al. Source: **Integrative Biosciences** Volume: 11 Issue: 2 Page(s): 165-168 Published: December 2007

6. Title: Moose antler type polymorphism: age and weight dependent phenotypes and phenotypic frequencies in space and time. Author(s): Nygren, Tuire; Pusenius, Jyrki; Tiilikainen, Raisa; et al. Source: **Annales Zoologici Fennici** Volume: 44 Issue: 6 Page(s): 445-461 Published: December 19 2007

7. Title: Conditions for caribou persistence in the wolf-elk-caribou systems of the Canadian Rockies.

Results: **3,105** Show 10 per page | Page 1 of 311 (Go) | Sort by: Latest Date

Output Records

Step 1:

- Selected Records on page
- All records on page
- Records [] to []

Step 2:

- Authors, Title, Source
- plus Abstract
- Full Record

4

Step 3: [How do I export to bibliographic management software?]

Print | E-mail | Add to Marked List | Save to EndNote Web | Save to RefMan. or other reference software | Save To... | Save

Personalize

1 Create Personal Profile

Any *Zoological Record* user can create a personal *ISI Web of Knowledge* profile to take advantage of powerful personalization options. You can create a private user profile from the *ISI Web of Knowledge* home page (Click "Home" in the top tool bar to find the *ISI Web of Knowledge* homepage.) The user profile allows you to create:

- * Unlimited saved searches and search alerts
- * An **Endnote Web** library of up to 10,000 references

2 Save Searches and Create Search Alerts

Save any search of up to 20 sets as a Search History or an Alert. Alerts will be based on the last set in your history. You can choose the frequency and form of the alert. Alerts will remain active for 24 weeks but can be renewed at anytime. If an alert expires, it will remain as a saved search strategy in your personal profile until you delete it. Searches can also be saved as RSS feeds; simply click the **XML** icon after clicking Save History.

- * Click "Renew" to set a new expiration date for any alert.
- * Click "Settings" to turn alerts on or off.
- * Click "Open" to run the saved search
- * Click XML to set an RSS Feed

ISI Web of KnowledgeSM Take the next step

All Databases | Select a Database | Zoological Record | Additional Resources

Search | Advanced Search | Search History | Marked List (0)

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Search History

Set	Results		Combine Sets	Delete Sets
#3	192	#2 AND #1 <small>Databases=RECORDS Timespan=All Years</small>	<input type="checkbox"/>	<input type="checkbox"/>
#2	1,207	Topic=(wolf or woly*) and (prey or predator*) <small>Databases=RECORDS Timespan=All Years</small>	<input type="checkbox"/>	<input type="checkbox"/>
#1	3,105	Topic=(moose or "alces alces") <small>Databases=RECORDS Timespan=All Years</small>	<input type="checkbox"/>	<input type="checkbox"/>

Save History / Create Alert | Open Saved History

Combine Sets: AND OR | Delete Sets: Select All Delete

ISI Web of KnowledgeSM Take the next step

Signed In | My Endnote Web | My Citation Alerts | My Journal List | My Saved Searches

<< Back | Open / Manage Saved Searches

Open from the ISI Web of Knowledge Server:

Use this box to open histories that were saved to your private account on our Server.

Display histories from: All Products | Go

History Name	Product	Description	RSS Feed	Alerting	Modify Settings	Delete
elk	Zoological Record		XML	Status: On Expires: 02 Oct 2008 Renew	Settings	<input type="checkbox"/> Delete
Ukraine	Web of Science		XML	Status: On Expires: 28 Aug 2008 Renew	Settings	<input type="checkbox"/> Delete

Manage

EndNote Web

Save up to 10,000 records in your EndNote Web library. EndNote Web also allows you to add and format references in a document and search other online databases and library catalogs. References imported from ISI Web of Knowledge resources will remain marked with an EndNote Web icon and you can link back to the full record and view up-to-date citation information. EndNote Web also allows you to add and format citations to documents you are writing and perform searches of other online databases. Once you have created your EndNote Web library you can access your library at any time, either from your Web of Knowledge profile or by going to www.myendnoteweb.com and using your ISI Web of Knowledge user ID and password.

Getting Help

Click the **Help** button on any page to get detailed help on features as well as detailed search tips and examples.

Contact the Technical Help Desk for your region at:
scientific.thomsonreuters.com/techsupport

Contact the education team at:
scientific.thomsonreuters.com/info/contacttraining

To view a recorded training module, visit:
scientific.thomsonreuters.com/training/zr

Interested in more tips and tricks?
For ongoing Web-based training, visit:
scientific.thomsonreuters.com/training

The screenshot shows the EndNote Web interface. At the top, there is a navigation bar with tabs for 'My References', 'Collect', 'Organize', 'Format', 'Options', and 'Administrator Tools'. The 'My References' tab is active. Below the navigation bar, there is a search box with the text 'moose' entered. To the left of the search results, there is a sidebar with a 'Quick Search' section and a 'My References' section. The 'My References' section lists various categories and their counts, including 'moose (7)'. The search results are displayed in a table with columns for 'Author', 'Year', and 'Title'. The table contains four entries, each with a checkbox and an 'Edit' link. The first entry is by Abaturon, B. D. (1992) and the last is by Leblond, Mathieu (2007).

<input type="checkbox"/>	Author	Year	Title	Edit
<input type="checkbox"/>	Abaturon, B. D.	1992	Formation of stands on clearings in forests with different moose population density Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii ISI Web of Knowledge™ → Source Record →Links	Edit
<input type="checkbox"/>	Abaturon, Boris D.	2002	Effects of moose population density on development of forest stands in Central European Russia Alces Supplement ISI Web of Knowledge™ → Source Record →Links	Edit
<input type="checkbox"/>	Acker, S.	1985	Blending, breeding, adapting well to their new home are Michigan's moose Michigan Natural Resources Magazine ISI Web of Knowledge™ → Source Record →Links	Edit
<input type="checkbox"/>	Dussault, Christian	2007	Moose movement rates along highways and crossing probability models Journal of Wildlife Management ISI Web of Knowledge™ → Source Record →Links	Edit
<input type="checkbox"/>	Leblond, Mathieu	2007	Management of roadside salt pools to reduce moose-vehicle collisions Journal of Wildlife Management	Edit