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## Atle Mysterud

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| <b>Personalia</b>                                    | Born: 2. April 1969; Place of birth: Oslo, Norway; Citizenship: Norwegian<br>Wife: Rønnaug S. Mysterud (02.06.1970); Children: Ragnhild (23.06.2000); Astrid (07.03.2003).   |
| <b>Positions</b>                                     | 01.03.1994 – 31.05.1994: Editor popular scientific journal "ELGEN" ("the moose"); 01.02.1994 – 31.12.1995: Volunteer, UoO; 01.01.1996 – 31.12.1998: Stipendiat (Ph.D. student), UoO; 01.01.1999 – 30.06.1999: Researcher, UoO; 01.07.1999 – 11.08.2001: Post doc, UoO; 12.08.2001 – 31.12.2005: Researcher, UoO; 01.01.2006-now: <b>Professor</b> , UoO.   |
| <b>Education</b>                                     | Dr. scient. (Ph.D. equivalent), 1998, University of Oslo, Norway; Cand. scient. (Master equivalent), 1994, UoO   |
| <b>Awards/special merits</b>                         | <ol style="list-style-type: none"><li>1. The article (Stenseth, Mysterud et al., see publ. list.) entitled "Ecological effects of climate fluctuations" as published in the journal "<i>SCIENCE</i>" on AUG 23, 2002 has been determined by <i>ISI</i>® to be one of the most cited recent papers in the field of ENVIRONMENT/ECOLOGY by January 2004. Was presented on the web as "<b>New Hot Paper</b>" (<a href="http://esi-topics.com/nhp/nhp-january2004.html">http://esi-topics.com/nhp/nhp-january2004.html</a>).</li><li>2. Was one of 26 scientists (≤40 years old) from all research fields (natural and social sciences) in Norway (out of 217 applicants) awarded as "<b>Outstanding Young Investigator</b>" (OYI/YFF) by the Research Council of Norway in 2004. This included generous funding for 5 years (8.5 Mill NOK).</li><li>3. <b>Fritjof Nansen award</b> for young scientists 2005 ("Nansenbelønningen for yngre forskere"). Decided by the Academy of Sciences and Letters.</li><li>4. Elected member of the <b>Royal Norwegian Society of Science and Letters</b>, DKNVS (2007)</li><li>5. In the core group of CEES, being awarded status as national <b>Centre of Excellence</b> from 2007.</li></ol> |
| <b>NFR projects/grants awarded as project leader</b> | <ol style="list-style-type: none"><li>1. "<i>Demography and population dynamics of red deer: a comparative study on the effect of natural and human induced changes in habitat and climate</i>" [01.07.1999-30.06.2001]. "Biodiversitetsprogrammet".</li><li>2. "<i>Bærekraftig bruk av utmark til husdyrbeiting: Økologiske effekter av sauebeiting i høyfjellet</i>" [01.01.2000-31.12.2004]. Program "Landskap i endring" – area for Miljø og utvikling, Research Council of Norway.</li><li>3. "<i>Processes in the life history and dynamics of managed ungulate populations</i>" [01.07.2004-30.06.2009]. YFF-scheme, Research Council of Norway</li><li>4. "<i>Ecological effects of sheep grazing and the economy of sustainable husbandry in alpine habitats</i>" [01.01.05-31.12.07]; program "Landskap i endring", Research Council of Norway.<br/><i>Have been involved in 7 other NFR projects as participant.</i></li></ol>  |
| <b>INTAS</b>   | <ul style="list-style-type: none"><li>• "Reproductive ecology of the critically endangered Saiga antelope". INTAS "Open Call 2003" Pr. no. 03-51-3579 [2004-2006]. Project leader: E.J. Milner-Gulland.</li></ul>  |
| <b>Committees</b>                                    | <ul style="list-style-type: none"><li>• Member of committee for post-doc position at Department of Biology, UoO (April 2002).</li><li>• Member of ecology evaluation board of the Finnish Academy of Sciences (2004).</li><li>• Board member (2004-2007) of the scientific committee for wildlife research for the Swedish "Naturvårdsverket", annually evaluating applications with a yearly budget of about 16 mill. SEK.</li><li>• In the synthesis group for NFR program "Landskap i endring" – alpine habitats (2006-2007)</li></ul>  |
| <b>Teaching</b>                                      | <ol style="list-style-type: none"><li>1. Formal teaching competence: Course Universitetspedagogikk (UNIPED; 2001-2002).</li><li>2. Lead M.Sc. course at UoO about cervids spring and autumn 1995 (Bz 394 Emner i mammalogi, 2 vektall).</li><li>3. Lead M.Sc. course at UoO about ecology and evolution of ungulates 2002 (2 vektall).</li><li>4. Teacher on field course at Tomb jordbruksskole in 1993 (course in general biology - BIO 101 at UoU).</li><li>5. Supervisor on course BIO 210B - økologisk prosjektoppgave at UoO in 1993 and 1994. Given a number of lectures at courses at UoO, at Høgskolen i Hedmark, Evenstad, and at NLH and now Norwegian University of Life Sciences.</li></ol>   |
| <b>Supervision – M.Sc. students</b>                  | I have supervised 15 M.Sc. students at UoO, the Agricultural University at Ås and Imperial College, UK through to fulfilled M.Sc. degree, and I currently supervise 4. see <a href="http://folk.uio.no/atlemy/group.htm">http://folk.uio.no/atlemy/group.htm</a>   |
| <b>Supervision – Ph.D. students</b>                  | Three PhD students to fulfillment, and currently (co)supervise 5. <b>Loe</b> , L.E. 2004. Patterns and processes in the life history of red deer (UoO). <b>Nilsen</b> , E. 2006. The effects of selective harvesting and predation on ungulate populations (UoO). <b>Veiberg</b> , V. 2007. Patterns, causes and consequences of tooth wear in wild cervids (UoO); <b>Evju</b> , M.E. Sheep grazing (UoO); <b>Kuhl</b> , A. Saiga reproductive ecology (Imperial College, London); <b>Nordström</b> , J. Roe deer and red fox (Swedish Agric. Univ.). <b>Mobæk</b> , R. Life history of sheep (UMB). <b>Bischof</b> , R. Evolutionary consequences of harvesting the Scandinavian brown bear population (UMB)  |
| <b>Supervision – Post docs</b>                       | Dr. Nathalie <b>Pettorelli</b> (2002-2005), Dr. Leif Egil <b>Loe</b> (2004-2007), Dr. Christophe <b>Bonenfant</b> (2004-2005), Dr. Robert B. <b>Weladji</b> (2004-2005), Dr. Jos <b>Milner</b> (2003-2007); Dr. Lars <b>Korslund</b> (2006-2007)   |
| <b>Censorship</b>                                    | I have been censor at all levels at the Agricultural University of Norway, Ås, including written exams (undergraduate – "100" and "200" level) as well as frequently oral exams for Master students.   |
| <b>Evaluation of theses</b>                          | Have been sensor on 7 Master theses and opponent/referee for 10 PhD theses (Norway [4], France, Sweden, South Africa, Canada, Switzerland, Finland).   |
| <b>Invited lectures</b>                              | Have held 9 international and 23 national lectures regarding biology and my research.  |

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| <b>Conferences</b>                           | Have attended 9 conferences and presented 8 posters. <i>Won the price "best poster" at a conference.</i>  |
| <b>Ass. Editor</b>                           | Associate Editor for <i>Wildlife Biology</i> (2002-now) and <i>Journal of Animal Ecology</i> (2006-2008). Editorial board of <i>Journal of Animal Ecology</i> (2004-2005) and <i>Animal Conservation</i> (2005-2007).   |
| <b>Referee</b>                               | Referee (number of times) for <i>Acta Theriologica</i> (11), <i>American Journal of Undergraduate Research</i> , <i>American Naturalist</i> , <i>Animal Behaviour</i> (5), <i>Animal Conservation</i> (3), <i>Annales Zoologici Fennici</i> , <i>Applied Vegetation Science</i> , <i>Behavioral Ecology</i> (5), <i>Behavioral Ecology and Sociobiology</i> (4), <i>Biology Letters</i> (3), <i>Canadian Journal of Zoology</i> (7), <i>Climate Research</i> , <i>Ecography</i> (7), <i>Ecological Applications</i> , <i>Ecology</i> (2), <i>Ecology Letters</i> (2), <i>EcoScience</i> (5), <i>Ethology</i> (3), <i>Evolutionary Ecology</i> (2), <i>Forest Ecology and Management</i> , <i>Journal for Nature Conservation</i> , <i>Journal of Agricultural Systems</i> , <i>Journal of Applied Ecology</i> (3), <i>Journal of Animal Ecology</i> (12), <i>Journal of Mammalogy</i> (3), <i>Journal of Zoology</i> (6), <i>Journal of Wildlife Management</i> (3), <i>Mammalia</i> , <i>Mammal Study</i> , <b>Nature</b> (3), <i>Oecologia</i> (8), <i>Oikos</i> (3), <i>Oryx</i> , <i>Population Ecology</i> , <i>Proceedings of the Royal Society of London Series B</i> (8) and <i>Wildlife Biology</i> (7).; proposals: <i>Research Council of Norway</i> (3), <i>Finnish Academy of Sciences</i> , <i>Swiss National Science Foundation</i> , <i>University of Padova, Italy</i> , <i>Alberta Ingenuity Award</i> , nationally for 3 books.  |
| <b>PR</b>                                    | 59 interviews/mention in newspapers, radio and TV regarding my research   |
| <b>Publications - summary</b>                | Peer-refereed articles/book-chapters: 90; Peer-edited papers: 5; Submitted ms.: 11<br>Popular scientific articles: 45 (+ 25 on other subjects); Popular brief articles/notes: 47; Books: 3.   |
| <b>Publications – theses</b>                 | <ul style="list-style-type: none"> <li>• Mysterud, A. 1993. <i>Rådyrets (Capreolus capreolus) liggeplasser og leieatferd om vinteren</i>. M.Sc. thesis, University of Oslo. 93 pp.</li> <li>• Mysterud, A. 1998. <i>Habitat selection by roe deer relative to resource distribution and spatiotemporal scale</i>. Dr. scient. thesis, University of Oslo. 44 pp. + 8 articles. ISBN: 82-90934-65-3</li> </ul>   |
| <b>Publications – peer refereed articles</b> | <p><i>Publ. 36 papers 1995-2003; only 10 key papers listed; see <a href="http://folk.uio.no/atlemy/publ.htm">http://folk.uio.no/atlemy/publ.htm</a> for full list:</i></p> <p>Mysterud, A. 1998. The relative roles of body size and feeding type on activity time of temperate ruminants. <i>Oecologia</i> 113: 442-446.</p> <p>Mysterud, A., and Ims, R.A. 1998. Functional responses in habitat use: availability influences relative use in trade-off situations. <i>Ecology</i> 79: 1435-1441.</p> <p>Mysterud, A. 2000. The relationship between ecological segregation and sexual body-size dimorphism in large herbivores. <i>Oecologia</i> 124: 40-54.</p> <p>Mysterud, A., Yoccoz, N.G., Stenseth, N.C., and Langvatn, R. 2000. Relationships between sex ratio, climate and density in red deer: the importance of spatial scale. <i>Journal of Animal Ecology</i> 69: 959-974.</p> <p>Mysterud, A., Yoccoz, N.G., Stenseth, N.C., and Langvatn, R. 2001. Effects of age, sex, and density on body weight of Norwegian red deer: evidence of density-dependent senescence. <i>Proceedings of the Royal Society of London, Series B</i> 268: 911-919.</p> <p>Mysterud, A., Stenseth, N.C., Yoccoz, N.G., Langvatn, R., and Steinheim, G. 2001. Nonlinear effects of large-scale climatic variability on wild and domestic herbivores. <b>Nature</b> 410: 1096-1099.</p> <p>Mysterud, A., Langvatn, R., Yoccoz, N.G., and Stenseth, N.C. 2001. Plant phenology, migration and geographic variation in body weight of a large herbivore: the effect of a variable topography. <i>Journal of Animal Ecology</i> 70: 915-923.</p> <p>Yoccoz, N.G., Mysterud, A., Langvatn, R., and Stenseth, N.C. 2002. Age- and density-dependent reproductive effort in male red deer. <i>Proceedings of the Royal Society of London, Series B</i> 269: 1523-1528.</p> <p>Mysterud, A., Coulson, T., and Stenseth, N.C. 2002. The role of males in the dynamics of ungulate populations. <i>Journal of Animal Ecology</i> 71: 907-915.</p> <p>Stenseth, N.C., Mysterud, A., Ottersen, G., Hurrell, J.W., Chan, K.-S., and Lima, M. 2002. Ecological effects of climate fluctuations. <b>Science</b> 269: 1523-1528. <b>"ISI-New Hot Papers"</b> (by January 2004).</p> <p><i>Most recent papers; 2004-now.</i></p> <p>37. Langvatn, R., Mysterud, A., Stenseth, N.C., and Yoccoz, N.G. 2004. Timing and synchrony of ovulation in red deer constrained by short northern summers. <i>American Naturalist</i> 163: 763-772.</p> <p>38. Vik, J.O., Stenseth, N.C., Tavecchia, G., Mysterud, A., and Lingjerde, O.C. 2004. Living in synchrony on Greenland coasts? <b>Nature</b> 427: 697-698.</p> <p>39. Bonenfant, C., Loe, L.E., Mysterud, A., Langvatn, R., Stenseth, N.C., Gaillard, J.-M., and Klein, F. 2004. Multiple causes of sexual segregation in red deer: enlightenments from breeding phenology at high and low latitude. <i>Proceedings of the Royal Society of London, Series B</i> 271: 883-892.</p> <p>40. Mysterud, A. 2004. Temporal variation in the number of car-killed red deer <i>Cervus elaphus</i> in Norway. <i>Wildlife Biology</i> 10: 203-211.</p> <p>41. Mysterud, A., and Østbye, E. 2004. Roe deer (<i>Capreolus capreolus</i>) browsing pressure affect yew (<i>Taxus baccata</i>) recruitment within nature reserves in Norway. <i>Biological Conservation</i> 120: 545-548.</p> <p>42. Mysterud, A., Langvatn, R., and Stenseth, N.C. 2004. Patterns of reproductive effort in male ungulates. <i>Journal of Zoology</i> 264: 209-215.</p> <p>43. Stenseth, N.C., Chan, K.-S., Tavecchia, G., Coulson, T., Mysterud, A., Clutton-Brock, T.H., and Grenfell, B. 2004. Modelling non-additive and non-linear signals from climatic noise in ecological time series: Soay sheep as an example. <i>Proceedings of the Royal Society of London, Series B</i> 271: 1985-1993.</p> <p>44. Langvatn, R., Mysterud, A., and Stenseth, N.C. 2004. Relationships in red deer (<i>Cervus elaphus</i>)</p> |

- mandibles. *Acta Theriologica* 49: 527-542.
45. Veiberg, V., Loe, L.E., Mysterud, A., Langvatn, R., and Stenseth, N.C. 2004. Social rank, feeding and winter weight loss in red deer: any evidence of interference competition? *Oecologia* 138: 135-142.
  46. Loe, L.E., Meisingset, E., Mysterud, A., Langvatn, R., and Stenseth, N.C. 2004. Phenotypic and environmental correlates of tooth eruption in red deer (*Cervus elaphus*). *Journal of Zoology* 262: 83-89.
  47. Reimers, E., Holmengen, N., and Mysterud, A. 2005. Life history variation of wild reindeer in the highly productive North Ottadalen region, Norway. *Journal of Zoology* 265: 53-62.
  48. Mysterud, A., Solberg, E.J., and Yoccoz, N.G. 2005. Ageing and reproductive effort in male moose under variable levels of intra-sexual competition. *Journal of Animal Ecology* 74: 742-754.
  49. Loe, L.E., Bonenfant, C., Mysterud, A., Langvatn, R., Gaillard, J.-M., Klein, F., Calenge, C., Ergon, T., Pettorelli, N., and Stenseth, N.C. 2005. Climate predictability and breeding phenology in red deer: timing and synchrony of rutting and calving in Norway and France. *Journal of Animal Ecology* 74: 579-588.
  50. Pettorelli, N.P., Weladji, R.B., Holand, Ø., Mysterud, A., Breie, H., and Stenseth, N.C. 2005. The relative role of winter and spring conditions: linking climate and landscape-scale plant phenology to alpine reindeer performance. *Biology Letters* 1: 24-26.
  51. Steen, H., Mysterud, A., and Austrheim, G. 2005. Sheep grazing and rodent populations: evidence of negative interactions from a landscape scale experiment. *Oecologia* 143: 357-364.
  52. Austrheim, G., Evju, M., and Mysterud, A. 2005. Herb abundance and life-history traits in two contrasting alpine habitats in southern Norway. *Plant Ecology* 179: 217-229.
  53. Nilsen, E.B., Pettersen, T., Gundersen, H., Milner, J., Mysterud, A., Solberg, E.J., Andreassen, H.P., and Stenseth, N.C. 2005. Moose harvesting strategies in the presence of wolves. *Journal of Applied Ecology* 42: 389-399.
  54. Mysterud, A., Hansen, L.O., Peters, C., and Austrheim, G. 2005. The short-term effect of sheep grazing on selected invertebrates (Diptera and Hemiptera) relative to other environmental factors in an alpine ecosystem. *Journal of Zoology* 266:411-418.
  55. Austrheim, G., Hassel, K., and Mysterud, A. 2005. The role of life history traits for bryophyte community patterns in two contrasting alpine regions. *The Bryologist* 108: 259-271.
  56. Mysterud, A., Meisingset, E., Langvatn, R., Yoccoz, N.G., and Stenseth, N.C. 2005. Climate-dependent allocation of resources to secondary sexual traits in red deer. *Oikos* 111: 245-252.
  57. Stenseth, N.C., and Mysterud, A. 2005. Weather packages: Finding the right scale and composition for climate in ecology. *Journal of Animal Ecology* 74: 1195-1198.
  58. Pettorelli, N., Vik, J.O., Mysterud, A., Gaillard, J.-M., Tucker, C. and Stenseth, N.C. 2005. Using the satellite-derived Normalized Difference Vegetation Index (NDVI) to assess ecological responses to environmental change. *Trends in Ecology and Evolution* 20: 503-510.
  59. Chan, K.-S., Mysterud, A., Øritsland, N.A., Severinsen, T., and Stenseth, N.C. 2005. Continuous and discrete extreme climatic events affecting the dynamics of a high arctic reindeer population. *Oecologia* 145: 556-563.
  60. Durant, J.M., Hjermmann, D.Ø., Anker-Nilssen, T., Beaugrand, G., Mysterud, A., Pettorelli, N., and Stenseth, N.C. 2005. Timing and abundance as key mechanisms affecting trophic interactions in variable environments. *Ecology Letters* 8: 952-958.
  61. Pettorelli, N., Mysterud, A., Yoccoz, N.G., Langvatn, R., and Stenseth, N.C. 2005. Importance of climatological downscaling and plant phenology for red deer in heterogeneous landscapes. *Proceedings of the Royal Society of London, Series B*: 272: 2357-2364.
  62. Holand, Ø., Mysterud, A., Røed, K.H., Coulson, T., Gjøstein, H., Weladji, R.B., and Nieminen, M. 2006. Adaptive adjustment of offspring sex ratio and maternal reproductive effort in an iteroparous mammal. *Proceedings of the Royal Society of London, Series B* 273: 293-299.
  63. Loe, L.E., Bonenfant, C., Langvatn, R., Mysterud, A., Veiberg, V., Stenseth, N.C. 2006. A poor set of teeth increases effect of harsh climate in red deer. *Oecologia* 147: 24-30.
  64. Pettorelli, N., Gaillard, J.-M., Mysterud, A., Duncan, P., Stenseth, N.C., Delorme, D., and Van Laere, G. 2006. Using a proxy of plant productivity (NDVI) to find key periods for animal performance: the case of roe deer. *Oikos* 112: 565-572.
  65. Mysterud, A. 2006. The concept of overgrazing and its role in management of large herbivores. *Wildlife Biology* 12: 129-141.
  66. Mysterud, A. and Østbye, E. 2006. The effect of climate and density on individual and population growth of roe deer *Capreolus capreolus* at northern latitudes – the Lier valley, Norway. *Wildlife Biology* 12: 321-329.
  67. Mysterud, A., and Østbye, E. 2006. Comparing simple methods for ageing roe deer *Capreolus capreolus*: can any of them be useful in management? *Wildlife Biology* 12: 101-107.
  68. Loe, L.E., Irvine, R.J., Bonenfant, C., Stien, A., Langvatn, R., Albon, S.D., Mysterud, A., and Stenseth, N.C. 2006. Testing five hypotheses of sexual segregation in an arctic ungulate. *Journal of Animal Ecology* 75: 485-496.
  69. Weladji, R.B., Gaillard, J.-M., Yoccoz, N.G., Holand, Ø., Mysterud, A., Loison, A., Nieminen, M., Kumpula, J., and Stenseth, N.C. 2006. Good reindeer mothers live longer and become better in raising offspring. *Proceedings of the Royal Society of London, Series B* 273: 1239-1244.
  70. Kausrud, K., Mysterud, A., Rekdal, Y., Holand, Ø., and Austrheim, G. 2006. Density dependence in

- foraging behaviour of sheep on alpine pastures: effects of scale. *Journal of Zoology* 270: 63-71.
71. Milner, J., Bonenfant, C., Mysterud, A., Gaillard, J.-M., Csányi, S., and Stenseth, N.C. 2006. Temporal and spatial development of red deer harvesting in Europe - biological and cultural factors. *Journal of Applied Ecology* 43: 721-734.
  72. Evju, M., Mysterud, A., Austrheim, G., and Økland, R.H. 2006. Selecting herb species and traits as indicators of sheep grazing pressure in a Norwegian alpine habitat. *Ecoscience* 13: 459-468.
  73. Mysterud, A., Tryjanowski, P., and Panek, M. 2006. Selectivity of harvesting differs between local and foreign roe deer hunters – trophy stalkers have the first shot at the right place. *Biology Letters* 2: 632-635.
  74. Mysterud, A., Meisingset, E., Veiberg, V., Langvatn, R., Solberg, E.J., Loe, L.E., and Stenseth, N.C. 2007. Monitoring population size of red deer: an evaluation of two types of census data from Norway. *Wildlife Biology* 13: 286-298.
  75. Mysterud, A., Tryjanowski, P., Panek, M., Pettorelli, N., and Stenseth, N.C. 2007. Inter-specific synchrony of two contrasting ungulates: wild boar (*Sus scrofa*) and roe deer (*Capreolus capreolus*). *Oecologia* 151: 232-239.
  76. Mysterud, A., Barton, K., Jêdrzejewska, B., Krasinski, Z., Niedzialkowska, M., Kamler, J.F., Yoccoz, N.G., and Stenseth, N.C. 2007. Population development and variation in vital rates of the highly endangered European bison (*Bison bonasus*) in Bialowieza Primeval Forest, Poland over the last 50 years. *Animal Conservation* 10: 77-87.
  77. Parker, H., Rosell, F., and Mysterud, A. 2007. Harvesting of males delays female breeding in a socially monogamous mammal; the beaver. *Biology Letters* 3: 106-108.
  78. Vanpé, C., Gaillard, J.-M., Kjellander, P., Mysterud, A., Magnien, P., Delorme, D., Van Laere, G., Klein, F., Liberg, O., and Hewison, A.J.M. 2007. Antler size provides an honest signal of male phenotypic quality in roe deer. *American Naturalist* 169: 481-493.
  79. Mysterud, A., Iversen, C., and Austrheim, G. 2007. Effects of season, density and weather on use of an altitudinal gradient by sheep. *Applied Animal Behaviour Science* 108: 104-113.
  80. Loe, L.E., Mysterud, A., Stien, A., Steen, H., Evans, D., and Austrheim, G. 2007. Positive short term effects of sheep grazing on the alpine avifauna. *Biology Letters* 3: 109-111.
  81. Austrheim, G., Mysterud, A., Hassel, K., Evju M., and Økland, R.H. 2007. Interactions between sheep, rodents, graminoids and bryophytes in an oceanic alpine ecosystem of low productivity. *Ecoscience* 14: 178-187.
  82. Røed, K.H., Holand, Ø., Mysterud, A., Tverdal, A., Kumpula, J., and Nieminen, M. 2007. Male phenotypic quality influences offspring sex ratio in a polygynous ungulate. *Proceedings of the Royal Society of London, Series B* 274: 727-733.
  83. Loe, L. E., Bonenfant, C., Mysterud, A., Severinsen, T., Øritsland, N.A., Langvatn, R., and Stenseth, N.C. 2007. Activity pattern of arctic reindeer in a predator-free environment – no need to keep a daily rhythm? *Oecologia* 152: 617-624.
  84. Nilsen, E.B., Milner-Gulland, E.J., Schofield, L., Mysterud, A., Stenseth, N.C., and Coulson, T. 2007. Wolf reintroduction to Scotland: public attitudes and consequences for red deer management. *Proceedings of the Royal Society of London, Series B* 274: 995-1002.
  85. Ratikainen, I.I., Panzacchi, M., Mysterud, A., Odden, J., Linnell, J.D.C., and Andersen, R. 2007. Use of winter habitat by roe deer at a northern latitude where Eurasian lynx are present. *Journal of Zoology* 273: 192-199.
  86. Veiberg, V., Mysterud, A., Gaillard, J.-M., Delorme, D., Van Laere, G. and Klein, F. 2007. Bigger teeth for longer life? Longevity and molar height in two roe deer populations? *Biology Letters* 3: 268-270.
  87. Kuhl, A., Mysterud, A., Erdnénov, G.I., Lushchekina, A.A., Grachev, I.A., Bekenov, A.B., and Milner-Gulland, E.J. 2007. The “big spenders” of the steppe: sex-specific maternal allocation and twinning in the saiga antelope. *Proceedings of the Royal Society of London, Series B* 274: 1293-1299.
  88. Veiberg, V., Mysterud, A., Bjørkvoll, E., Langvatn, R., Loe, L.E., Irvine, J., Bonenfant, C., Couweleers, F., and Stenseth, N.C. 2007. Evidence for a trade-off between early growth and tooth wear in Svalbard reindeer. *Journal of Animal Ecology* 76: 1139-1148.
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