

Publikationer 2006

Aspenberg, P., Forsling, B. & Helander, B. 2006. Gammal man gör så gott han kan. Vår Fågelvärld 3:18-19.

Aulén, G., Ekberg, A., Helander, B., Hjulström, U., Mathson, K., Svensson, H. & Åkerman, M. 2006. Bruka skogen och klara havsörnen. 20 pp. Red.: Thor, B. Skogsstyrelsen. VTT, Vimmerby.

Bignert, A. 2005. Fiskmuskel som indikator för dioxiner, dibenofuraner och dioxinlikna PCB-er. Sakrapport till Naturvårdsverket, 2005-12-08.

Bignert, A. 2006. Miljögifter i Östersjön - både framgångar och motgångar. Miljötoxboken, Formas.

Bignert, A. & Nyberg, E. 2006. Provbanksning - då, nu och i framtiden. In: Sötvatten. Årsskrift från miljöövervakningen. Naturvårdsverket, pp. 14-16.

Bignert, A. & Nyberg, E. 2006. Underlag för revision av provbankningsprogrammet av fisk inom det nationella miljöövervakningsprogrammet för Sötvatten. Sakrapport till Naturvårdsverket. Överenskommelse 216 0431, Dnr 721-5819-04Mm. 2005-12-19. 33 pp.

Bignert, A., Nyberg, E., Asplund L., Eriksson, U. & Wilander A. 2006. Comments Concerning the National Swedish Contaminant Monitoring Programme in Marine Biota, 2005. Report to the Swedish Environmental Protection Agency, 2006-03-31. 123 pp.

Bignert, A., Nyberg, E., Greyerz, E., Brännvall, M.-L., Sundqvist, K., Wiberg, K. & Haglund, P. 2006. Miljögifter i biota. Bottniska viken 2005. Årsrapport från den marina miljöövervakningen. Umeå Marina Forskningscentrum (UMF). p. 28-31.

Bisther, M. & Roos, A. 2006. Uttern i Sverige 2006. Världsnaturfonden WWF. Solna.39 pp.

Braune, B., Outridge, P., Wilson, S., Bignert, A. & Riget, F. 2005. Temporal Trends. AMAP Assessment 2002: Heavy Metals in the Arctic. Chapter 5. Arctic Monitoring and Assessment Programme (AMAP), Oslo, Norway. pp 84-106.

Bäcklin, B.-M., di Gleria, C., Roos, A., Lind, Y. 2006. 2004 års avlysningsjakt på gråsäl. Undersökningar av insamlat material. Rapport till Naturvårdsverket, 2006-02-24, 11 pp.

Bäcklin, B.-M., Roos, A. & Lind, Y. 2006. Pathological changes in organs from Baltic Grey seals (*Halichoerus grypus*) obtained from two years hunting. 20th Conference of the European Cetacean Society. Marine Mammals and Man in Coastal Ecosystems: Can they co-exist? Abstract. p. 170.

Bäcklin, B.-M., Roos, A., Lind, Y., di Gleria, C. 2006. Gråsälens hälsotillstånd. Bottniska viken 2005. Årsrapport från den marina miljöövervakningen. Umeå Marina Forskningscentrum (UMF). pp. 25-26.

Chudzinska, M., Czekala, M., Roos, A., Ulbrych, L. & Wisniewska, D. 2006. Comparison between two breeding seasons (2004-2005) of Baltic Grey seal (*Halichoerus grypus*) in

Forsmark breeding station, Sweden. 20th Conference of the European Cetacean Society. Marine Mammals and Man in Coastal Ecosystems: Can they co-exist? Abstract. p. 99.

di Gleria, C. 2006. Period of implantation and foetal growth in Baltic Grey seals. 20th Conference of the European Cetacean Society. Marine Mammals and Man in Coastal Ecosystems: Can they co-exist? Abstract. p. 163.

di Gleria, C. 2006. Trends in reproductive biology of female Baltic Grey Seals (*Halichoerus grypus*) born between 1939 and 2002. Examensarbete Zoologiska Institutionen, Stockholms Universitet. Löpnummer: 2006:1, pp 28.

Greyerz, E. 2006. Koncentrationer av klorerade och bromerade kolväten, dioxiner och metaller i fisk från Norrbottens län år 2005. Analysrapport från RSL. Nr 1:2006. Naturhistoriska riksmuseet, Stockholm. 10 pp.

Hailer, F., Helander, B., Folkestad, A., Sergei, A., Ganusevich, S., Garstad, S., Hauff, P., Koren, C., Nygård, T., Volke, V., Vila, C. & Ellegren, H. 2006. Bottlenecked but long-lived: high genetic diversity retained in white-tailed eagles upon recovery from population decline. Biology Letters. doi: 10.1098/rsbl.2006.0453.

Hall, A.J., Jepson, P.D., Goodman, S.J. & Häkkinen, T. 2006. Phocine distemper virus in the North and European Seas - Data and models, nature and nurture. Biological conservation 131:221-229.

Harding, K.C. Häkkinen, T., Helander, B. & Karlsson, O. 2006. Status of Baltic grey seals: Population assessment and risk analysis. NAMMCO Scientific Publications.

Helander, B. 2006. Havsörn. Bottniska viken 2005. Årsrapport från den marina miljöövervakningen. Umeå Marina Forskningscentrum (UMF). p. 27.

Helander, B. 2006. Using raptors as environmental sentinels: monitoring of the white-tailed sea eagle *Haliaeetus albicilla* in Sweden. Workshop on the development of an EU raptor monitoring network. 5-7 oktober 2006, Scopello, Italien.

Holm, E., Leisvik, M., Ranebo, Y., Wallberg, P., Wallberg, L., Odsjö, T. & Mortensen, P. 2005. Radioactivity in seals from the Swedish Coast. Scientific trends in radiological protection of the environment: a selection of invited contributions to Ecorad 2004. Edited by F. Bréchignac and B.J. Howard. - Fontenay-aux-Roses Cedex: Institute de Radioprotction et de Sûreté Nucléaire 2005. - 167 pp. (Collection colloques), p 85-95.

Häkkinen, T. 2006. *Phoca vitulina* - knubbsäl (Kalmarsundbeståndet). Faktablad, ArtDatabanken SLU.

Häkkinen, T. 2006. *Phoca hispida botnica* - vikare. Faktablad, ArtDatabanken SLU.

Häkkinen, T. 2006. Populationsutvecklingar av knubbsäl i Kalmarsund. Sakrapport till Naturvårdsverket och Airicole. 2006-03-16. 10 pp.

Häkkinen, T., Dietz, R., Reijnders, P., Teilmann, J., Harding, K., Hall, A., Brasseur, S., Siebert, U., Goodman, S.J., Jepson, P.D., Rasmussen, T.D. & Thompson, P. 2006. A

review of the 1988 and 2002 phocine distemper virus epidemics in European harbour seals. Dis. Aquat. Org. 68:115-130.

Karlsson, O. 2006. ID-kort på sälar. HavsUtsikt 3:6-7.

Karlsson, O. & Helander, B. 2006. Gråsäl. Bottniska viken 2005. Årsrapport från den marina miljöövervakningen. Umeå Marina Forskningscentrum (UMF). pp. 23-24.

Karlsson, O. & Helander, B. 2006. Counting the invisible. A comparison between estimates of the size of the Baltic Grey seal population derived from traditional counts during moult and photo-identification using mark recapture technique. 20th Conference of the European Cetacean Society. Marine Mammals and Man in Coastal Ecosystems: Can they co-exist? Abstract. p. 56-57.

Karlsson, O. Helander, B. & Bäcklin, B.-M. 2006. Inventering av gråsäl vid svenska Östersjökusten 2005. Sälinformation 2006:1. Naturhistoriska riksmuseet. Stockholm. 28 pp.

Lind, Y., Bignert, A. & Odsjö, T. 2006. Decreasing lead levels in Swedish biota revealed by 36 years (1969-2004) of environmental monitoring. J. Environ. Monit., 8, 824-834.

Lundstedt-Enkel K., Asplund L., Nylund K., Bignert A., Tysklind M., Olsson M. and Örberg J. 2006. Multivariate data analysis of organochlorines and brominated flame retardants in Baltic Seagull (Uria aalge) egg and muscle. *Chemosphere*. 65: 1591-1599.

Lundstedt-Enkel K., Johansson, A.-K., Tysklind M., Asplund, L., Nylund K., Olsson M. and Örberg J. 2006. Multivariate data analysis of chlorinated and brominated contaminants and biological characteristics in adult Sea guillemot (*Uria aalge*) from the Baltic Sea . In: Studies Regarding Persistent Environmental Pollutants in the Baltic Sea Biota. Doctoral Thesis, Faculty of Science and Technology, Uppsala University. ISSN 1651-6214 ; 125, paper I.

Lundstedt-Enkel K., Lek P., Lundstedt T. and Örberg J. 2006 QSBMR -Quantitative structure biomagnification relationships: physicochemical and structural descriptors important for the biomagnification of organochlorines and brominated flame retardants. *Journal of Chemometrics*. 20: 392-401.

Lundstedt-Enkel K., Lek P. and Örberg J. 2006 QSBMR - Quantitative structure biomagnification relationships: physicochemical and structural descriptors important for the biomagnification of organochlorines and brominated flame retardants. In: Studies Regarding Persistent Environmental Pollutants in the Baltic Sea Biota. Doctoral Thesis, Faculty of Science and Technology, Uppsala University. ISSN 1651-6214 ; 125, paper IV.

Lundstedt-Enkel K., Tysklind M., A.-K., Asplund, L., Nylund K., Olsson M., Bignert, A. and Örberg J. 2006. Organochlorines and brominated flame retardants in Baltic Sea guillemot (*Uria aalge*) egg and muscle. In: Studies Regarding Persistent Environmental Pollutants in the Baltic Sea Biota. Doctoral Thesis, Faculty of Science and Technology, Uppsala University. ISSN 1651-6214 ; 125, paper II.

Lundstedt-Enkel K, Tysklind M., Trygg, J., Schüller, P., Asplund L, Nylund K, Eriksson, U., Häggberg, L., Odsjö, T., Hjelmborg, M., Olsson M and Örberg J. 2006. A

statistical resampling method to calculate biomagnification factors exemplified with organochlorine data from herring (*Clupea harengus*) muscle and guillemont (*Uria aalge*) egg from the Baltic Sea . In: Studies Regarding Persistent Environmental Pollutants in the Baltic Sea Biota. Doctoral Thesis, Faculty of Science and Technology, Uppsala University. ISSN 1651-6214 ; 125, paper III

Marcy, S., Dietz, R., Bignert, A. et al. 2005. Conclusions and Recommendations. AMAP Assessment 2002: Heavy Metals in the Arctic. Chapter 7. Arctic Monitoring and Assessment Programme (AMAP), Oslo, Norway. pp 128-138.

Noël, M. 2005. Relative distribution of some POP's in various tissues of the Baltic grey seal and implications of blubber thickness and condition to explain variation of contaminant concentrations in blubber. Epreuve préparatoire au DEA en Sciences, orientation biologie animale (2004-2005). Université de Liège, Dpt des Sciences et gestion de l'environnement. Laboratoire d'Océanologie. Swedish Museum of Natural History, Contaminant Research Group. 59 pp.

Odsjö, T. 2006. The environmental specimen bank, Swedish Museum of Natural History - A base for contaminant monitoring and environmental research. *J. Environ. Monit.*, 8, 791-794.

Odsjö, T., Bignert, A., Räikkönen, J., Galgan, V., Petersson, L. & Mörner, T. 2006. Time trends of metals in liver, kidney and muscle of moose (*Alces alces*) from Sweden, 1980-2004. Swedish monitoring programme in terrestrial biota. Rapport till Naturvårdsverket, 2006-05-24. 41 pp.

Odsjö, T., Räikkönen, J & Bignert, A. 2006. Time trends of metals in liver and muscle of reindeer (*Rangifer tarandus*) from northern and central Lapland, Sweden, 1983-2004. Swedish monitoring programme in terrestrial biota. Rapport till Naturvårdsverket, 2006-05-17. 33 pp.

Roos, A. 2006. Ekorren i Sverige. *Panda* 1:10-11.

Roos, A. 2006. Häftiga djur i Afrika. *Museosaurien* Nr 1, 3-5.

Roos, A. 2006. Utter. *Museosaurien* Nr 2, 3-5.

Roos, A. 2006. Tumlaren - den minsta valen i svenska vatten. *Museosaurien* Nr 2, 12-13.

Roos, A. 2006. Enzo - Sveriges förstfödda gorilla. *Museosaurien* Nr 3, 3-5.

Roos, A. 2006. Schimpanser. *Museosaurien* Nr 3, 10-11.

Roos, A. 2006. The grey seal (*Halichoerus grypus*). Breeding project in Sweden: 1980-2006. 20th Conference of the European Cetacean Society. Marine Mammals and Man in Coastal Ecosystems: Can they co-exist? Abstract. p. 113.

Räikkönen, J., Bignert, A., Mortensen, P. & Fernholm, B. 2006. Congenital defects in a highly inbred wild wolf population (*Canis lupus*). *Mamm. Biol.* 71(2):65-73.

Stensland, E., Carlén, I., Särnblad, A., Bignert, A. & Berggren, P. 2006. Population size, distribution and behaviour of indo-pacific bottlenose (*Tursiops aduncus*) and humpback (*Sousa chinensis*) dolphins off the south coast of Zanzibar. *Marine Mammal Science*, 22(3):667-682.

Österblom, H., Casini, M., Olsson, O. & Bignert, A. 2006. Fish, seabirds and trophic cascades in the Baltic Sea. *Mar. Ecol. Prog. Ser.* 323:233-238.