

Curriculum Vitae

Publications

International Scientific Publications

2006

Amsinck, S.L., Strzelczak, A., Bjerring, R., Landkildehus, F., Lauridsen, T.L., Christoffersen, K. & Jeppesen, E. (2006): Lake depth rather than fish planktivory determines cladoceran community structure in Faroese lakes - evidence from contemporary data and sediments. - *Freshwater Biology* 51: 2124-2142.

Electronic version

2005

Amsinck, S.L., Jeppesen, E. & Landkildehus, F. (2005): Inference of past changes in zooplankton community structure and planktivorous fish abundance from sedimentary subfossils - a study of a coastal lake subjected to major fish kill incidents during the past century. - *Archiv für Hydrobiologie* 162(3): 363-382.

Amsinck, S.L., Jeppesen, E. & Landkildehus, F. (2005): Relationships between environmental variables and zooplankton subfossils in the surface sediments of 36 shallow coastal brackish lakes with special emphasis on the role of fish. - *Journal of Paleolimnology* 33(1): 39-51.

González Sagrario, M.A., Jeppesen, E., Gomà, J., Søndergaard, M., Jensen, J.P., Lauridsen, T.L. & Landkildehus, F. (2005): Does high nitrogen loading prevent clear-water conditions in shallow lakes at moderately high phosphorus concentrations? - *Freshwater Biology* 50: 27-41.

Liboriussen, L., Landkildehus, F., Meerhoff, M., Bramm, M.E., Søndergaard, M., Christoffersen, K., Richardson, K., Søndergaard, M., Lauridsen, T.L. & Jeppesen, E. (2005): Global warming: Design of a flow-through shallow lake mesocosm climate experiment. - *Limnology and Oceanography: Methods* 3: 1-9.

Electronic version

2004

Ryves, D., Clarke, A.L., Appleby, P.G., Amsinck, S.L., Jeppesen, E., Landkildehus, F. & Anderson, N.J. (2004): Reconstructing the salinity and environment of the Limfjord and Vejlerne Nature Reserve, Denmark, using a diatom model for brackish lakes and fjords. - *Canadian Journal of Fisheries and Aquatic Sciences* 61: 1988-2006.

2002

Jensen, J.P., Christoffersen, K., Landkildehus, F., Søndergaard, M., Jeppesen, E. & Bagger, J. (2002): Water Chemistry of Five Faroese Lakes. In: Christoffersen, K., Jeppesen, E., Enckell, P.H. & Bloch, D. (eds.): *Five Faroese Lakes. Physico-Chemical and Biological Aspects*. Føroya Fróðskaparfelag. - *Annales Societatis Scientiarum Færoensis. Supplementum XXXVI*: 34-38.

Jeppesen, E., Jensen, J.P., Amsinck, S., Landkildehus, F., Lauridsen, T. & Stuart, F.M. (2002): Reconstructing the Historical Changes in Daphnia Mean Size and Planktivorous Fish Abundance in Lakes from the Size of Daphnia ephippia in the Sediment. - *Journal of Paleolimnology* 27: 133-143.

Jeppesen, E., Landkildehus, F., Lauridsen, T.L., Jensen, J.P., Bjerring, R., Søndergaard, M., & Amsinck, S.L. (2002): Food Web Interactions in Five Faroese Lakes Tracked by Stable Isotopes. In: Christoffersen, K., Jeppesen, E., Enckell, P.H. & Bloch, D. (eds.): *Five Faroese Lakes. Physico-Chemical and Biological Aspects*. Føroya Fróðskaparfelag. - *Annales Societatis Scientiarum Færoensis. Supplementum XXXVI*: 114-125.

Landkildehus, F., Jeppesen, E., Jensen, J.P. & Dáli, S. (2002): General Description of Five Faroese Lakes. In: Christoffersen, K., Jeppesen, E., Enckell, P.H. & Bloch, D. (eds.): *Five Faroese Lakes. Physico-Chemical and Biological Aspects*. Føroya Fróðskaparfelag. - *Annales Societatis Scientiarum Færoensis. Supplementum XXXVI*: 28-33.

2001

Jeppesen, E., Christoffersen, K., Landkildehus, F., Lauridsen, T., Amsinck, S.L., Riget, F. & Søndergaard, M. (2001): Fish and Crustaceans in Northeast Greenland Lakes with Special Emphasis on Interactions between Arctic Charr (*Salvelinus alpinus*), *Lepidurus arcticus* and Benthic Chydorids. - *Hydrobiologia* 442: 329-337.

Lauridsen, T., Jeppesen, E., Landkildehus, F. & Søndergaard, M. (2001): Horizontal Distribution of Cladocerans in Arctic Greenland Lakes. Impact of Macrophytes and Fish. - *Hydrobiologia* 442: 107-116.

2000

Jeppesen, E., Jensen, J.P., Søndergaard, M., Lauridsen, T. & Landkildehus, F. (2000): Trophic Structure, Species Richness and Biodiversity in Danish Lakes. Changes along a Phosphorus Gradient. - *Freshwater Biology* 45: 201-218.

Riget, F., Jeppesen, E., Landkildehus, F., Lauridsen, T.L., Geertz-Hansen, P., Christoffersen, K. & Sparholt, H. (2000): Landlocked Arctic Charr (*Salvelinus alpinus*) Population Structure and Lake Morphometry in Greenland - Is there a Connection? - *Polar Biology* 23: 550-558.

1997

Jacobsen, L., Perrow, M.R., Landkildehus, F., Hjørne, M., Lauridsen, T.L. & Berg, S. (1997): Interactions between Piscivores, Zooplanktivores and Zooplankton in Submerged Macrophytes. Preliminary Observations from Enclosure and Pond Experiments. - *Hydrobiologia* 342/343: 197-205.

Other scientific publications

2006

Jeppesen, E., Christoffersen, K., Kamp-Nielsen, L., Landkildehus, F., Lauridsen, T.L., Kristensen, T.B., Liboriussen, L., Meerhoff, M., Pedersen, A.R., Søndergaard, M. & Søndergaard, M. (2006): Klimaforandrings betydning for søer. I: Søndergaard, M., Kronvang, B., Pejrup, M. og Sand-Jensen, K. (red.): *Vand og vejr om 100 år. Klimaforandringer og det danske vandmiljø*. Hovedland. s. 74-89.

2000

Landkildehus, F., Lauridsen, T.L., Jensen, J.P. & Amsinck, S. (2000): Lake Investigations in Lille Sødal. In: Caring, K. & Rasch, M. (eds.): *Zackenbergs Ecological Research Operations, ZERO, 5th Annual Report 1999*. Danish Polar Center. pp.

54-55.

Schierup, H., Christoffersen, K., Vadeboncoeur, Y., Landkildehus, F., Lauridsen, T.L., Jensen, J.P., Amsinck, S. & Jeppesen, E. (2000): Freshwater Studies. In: Caning, K. & Rasch, M. (eds.): Zackenberg Ecological Research Operations, ZERO, 5th Annual Report 1999. Danish Polar Center. pp. 52-53.

NERI Technical Reports and consultancy publications

2007

Amsinck, S.L., Jeppesen, E., Landkildehus, F., Christoffersen, K.S., Brodersen, K.P., Johansson, L.S., Buchaca, T., Ventura, M. & Skov, T. (2007): Galathea-3: "Søernes biologi" - status og tilbageblik. - Vand & Jord 3: 95-98.

Jørgensen, T.B., Bjerring, R., Johansson, L.S., Søndergaard, M., Sortkjær, L. & Landkildehus, F. (2007): Søer 2006. NOVANA. Danmarks Miljøundersøgelser, Aarhus Universitet. - Faglig rapport fra DMU 641: 63 s. (elektronisk).

Electronic version

Strand, J., Bossi, R., Sortkjær, O., Landkildehus, F. & Larsen, M.M. (2007): PFAS og organotinforbindelser i punktkilder og det akvatiske miljø. NOVANA screeningsundersøgelse. Danmarks Miljøundersøgelser, Aarhus Universitet. - Faglig rapport fra DMU 608: 49 s. (elektronisk).

Electronic version

2006

Søndergaard, M., Landkildehus, F., Lauridsen, T.L. & Krog, G. (2006): Søerne i De Vestlige Vejler. Danmarks Miljøundersøgelser. - Faglig rapport fra DMU 572: 55 s. (elektronisk).

Electronic version

2004

Jensen, J.P., Søndergaard, M., Jeppesen, E., Lauridsen, T.L., Liboriussen, L., Landkildehus, F. & Sortkjær, L. (2004): Søer 2003. NOVA 2003. Danmarks Miljøundersøgelser. - Faglig rapport fra DMU 515: 85 s. (elektronisk).

Electronic version

2002

Jeppesen, E., Søndergaard, M., Amsinck, S., Jensen, J.P., Lauridsen, T.L., Pedersen, L.K., Landkildehus, F., Nielsen, K., Ryves, D., Bennike, O., Krog, G., Christensen, I. & Schriver, P. (2002): Søerne i De Østlige Vejler. Danmarks Miljøundersøgelser. - Faglig rapport fra DMU 394: 90 s.

Electronic version

2001

Jensen, J.P., Søndergaard, M., Jeppesen, E., Bjerring Olsen, R., Landkildehus, F., Lauridsen, T.L., Sortkjær, L. & Poulsen, A.M. (2001): Søer 2000. NOVA 2003. Danmarks Miljøundersøgelser. - Faglig rapport fra DMU 377: 104 s. (elektronisk).

Electronic version

2000

Jensen, J.P., Søndergaard, M., Jeppesen, E., Olsen, R. B., Landkildehus, F., Lauridsen, T.L., Sortkjær, L. & Poulsen, A.M. (2000): Søer 1999. NOVA 2003. Danmarks Miljøundersøgelser. - Faglig rapport fra DMU 335: 108 s.

Electronic version

Jeppesen, E., Landkildehus, F., Jensen, J.P., Jensen, K., Ryves, D., McGowan, S. & Anderson, J. (2000): Palæolimnologiske undersøgelser af Torup Sø. Rapport til Vejle Amt. Danmarks Miljøundersøgelser. 20 s.

Landkildehus, F., Jeppesen, E., Jensen, J.P., Jensen, K., Ryves, D., McGowan, S. & Anderson, J. (2000): Palæolimnologiske undersøgelser af Hinge Sø. Rapport til Viborg Amt. Danmarks Miljøundersøgelser. 19 s.

1999

Christoffersen, K., Arboe, N.H., Landkildehus, F., Jeppesen, E. & Søndergaard, M. (1999): Studies of *Lepidurus arcticus*. In: Rasch, M. (ed.): Zackenberg Ecological Research Operations, 4th Annual Report 1998. Danish Polar Center. pp. 45-46.

Jeppesen, E., Christoffersen, K., Landkildehus, F., Arboe, N.H., Riget, F. & Søndergaard, M. (1999): Lake Investigations at Zackenberg. In: Rasch, M. (ed.): Zackenberg Ecological Research Operations, 4th Annual Report 1998. Danish Polar Center. pp. 43-44.

Riget, F., Jeppesen, E., Landkildehus, F., Gertz-Hansen, P. & Christoffersen, K. (1999): Arctic Char in Lakes at Zackenberg. In: Rasch, M. (ed.): Zackenberg Ecological Research Operations, 4th Annual Report 1998. Danish Polar Center. pp. 44-45.

1998

Jeppesen, E., Christoffersen, K. & Landkildehus, F. (1998): Lake Studies. In: Meltofte, H. & Rasch, M. (eds.): Zackenberg Ecological Research Operations, 3rd Annual Report 1997. Danish Polar Center. pp. 53-57.

Conference presentations

2007

Lauridsen, T.L., Landkildehus, F. & Jeppesen, E.: How to calculate the fish stock population in lakes - a comparison of different methods. Fish Stock Assessment Methods for Lakes and Reservoirs, Towards the true picture of fish stock, University of Ceske Budejovice, Czech Republic, September 11-15, 2007.

Ventura, M., Liboriussen, L., Landkildehus, F., Lauridsen, T.L. & Jeppesen, E.: Effects of increasing temperature and nutrient concentration on the trophic relationships and food web structure in shallow lakes: Results from a mesocosm climate experiment. SIL 2007 30th Congress of the International Association of Theoretical and Applied Limnology - SIL, Redefining Theoretical and Applied Limnology for the 21st Century, Montréal Convention Centre, Montreal, Canada, August 12-18, 2007.

2006

Lauridsen, T.L., Pedersen, A.R., Liboriussen, L., Jeppesen, E. & Landkildehus, F.: Effekter af et varmere klima på et plantesamfund bestående af Kruset vandaks (*Potamogeton crispus*) og Vandpest (*Elodea canadensis*). Resultater fra et

to-årigt mesokosmos forsøg samt supplerende korttidsforsøg. Poster præsenteret ved Ferskvandssymposium , Aarhus Universitet, 18.-19. januar 2006.

2005

Amsinck, S.L., Jeppesen, E., Lauridsen, T.L. & Landkildehus, F.: Cladoceran distribution and community structure and their relationships to environmental variables in 30 Faroese lakes - Evidence from contemporary data and sediments. Shallow Lakes in a changing world, The 5th International Symposium on the ecology and management of Shallow Lakes , Dalfsen, The Netherlands, 5-9 June 2005.

Lauridsen, T.L., Liboriussen, L., Landkildehus, F., Jeppesen, E. & Søndergaard, M.: Change in the seasonality of macrophyte growth and senescence: results from a pond experiment. EUROLIMPACS WP3 Seasonality Workshop, Silkeborg, Denmark, 4-6 April 2005.

Liboriussen, L., Jeppesen, E., Pedersen, A.R., Landkildehus, F. & Søndergaard, M.: Seasonal dynamics in sediment respiration and epipelton production from heated and unheated mesocosm. Shallow Lakes in a changing world, The 5th International Symposium on the ecology and management of Shallow Lakes, Dalfsen, The Netherlands, 5-9 June 2005.

Meerhoff, M., Jeppesen, E., Liboriussen, L., Bramm, M.E., Landkildehus, F., Lauridsen, T.L. & Søndergaard, M.: Response of shallow lake communities to experimental climate warming. Poster presented at Shallow Lakes in a changing world, The 5th International Symposium on the ecology and management of Shallow Lakes, Dalfsen, The Netherlands, 5-9 June 2005.

2004

Lauridsen, T.L., Jeppesen, E., Overgård, M., Søndergaard, M., Pedersen, A.R. & Landkildehus, F.: Variations in habitat selection of zooplankton in a turbid and a clear water shallow lake during a one-year period. Poster presented at Behaviour and ecology of freshwater fish: Linking ecology and individual behaviour. International Conference, Freshwater Centre, Silkeborg, Denmark, 22-26 August, 2004.

Liboriussen, L., Jeppesen, E., Landkildehus, F., Søndergaard, M., Christoffersen, K. & Richardson, K.: CLIMATE WARMING: DESIGN AND PERFORMANCE OF A LONG-TERM MESOCOSM EXPERIMENT . SIL XXIX Congress, Lahti, Finland, 8-14 August 2004.

2003

Amsinck, S.L., Jeppesen, E., Landkildehus, F. & Ryves, D.: Development and application of zooplankton-based paleoecological methods in Danish brackish shallow lakes. 9th International Paleolimnology Symposium , Espoo, Finland, 24-28 August 2003.

Amsinck, S.L., Jeppesen, E., Lauridsen, T.L. & Landkildehus, F.: Cladoceran remains in the surface sediment of Faroese lakes. NORLAKE Symposium, Gjern Søhøjland, Silkeborg, Denmark, 18-21 October 2003.

Ryves, D., Amsinck, S.L., Appleby, P.G., Bennike, O., Clarke, A.L., Jeppesen, E. & Landkildehus, F.: Reconstructing the salinity and environment of the Limfjord and Vejlerne Nature Reserve, Denmark, using a diatom calibration model for brackish lakes and fjords. Poster presented at 9th International Symposium on Paleolimnology, Espoo, Finland, 24-28 August 2003.

2002

Amsinck, S.L., Jeppesen, E. & Landkildehus, F.: Distribution and Ecology of *Cladocera* in Brackish Lakes. Evidence from Surface Sediments. Poster presented at Natur- og Miljøforskningskonference, H.C. Ørsted Institutet, Copenhagen, Denmark, August 22-23, 2002.

Amsinck, S.L., Jeppesen, E. & Landkildehus, F.: Distribution and Ecology of *Cladocera* in Brackish Lakes. Evidence from Surface Sediments. Poster presented at Shallow Lakes 2002 International Conference on Limnology of Shallow Lakes, Balatonfüred, Hungary, 25-30 May 2002.

Søndergaard, M., Jeppesen, E., Amsinck, S., Jensen, J.P., Lauridsen, T.L., Landkildehus, F. & Nielsen, K.: Brakvandssøer. Struktur og funktion. Natur- og Miljøforskningskonference, H.C. Ørsted Institutet, København, 22.-23. august 2002.

2001

Amsinck, S.L., Jeppesen, E. & Landkildehus, F.: Palæoøkologiske undersøgelser i Vejlerne . Annual meeting of National Survey of Freshwater Lakes, Silkeborg, Denmark, 28. February 2001.

2000

Amsinck, S.L., Jeppesen, E. & Landkildehus, F.: Remains of cladocerans, foraminifers and ostracods as indicators of trophic dynamics in brackish lakes. Poster presented at 8th International Paleolimnology Symposium, Kingston, Ontario, Canada, August 20-24, 2000.

Jeppesen, E., Christoffersen, K., Landkildehus, F., Lauridsen, T.L., Jensen, J.P., Amsinck, S., Søndergaard, M. & Johansson, L.S.: The Structuring Role of Fish in 81 Arctic and High Arctic Lakes in Greenland. Preliminary Results. Poster presented at the International Symposium on High Mountain Lakes and Streams, Indicators of a Changing World, Innsbruck, Austria, September 4-8, 2000.

Jeppesen, E., Jensen, J.P., Lauridsen, T.L., Faafeng, B., Hessen, D., Christoffersen, K., Landkildehus, F., Mitchell, S. & Søndergaard, M.: Top-Down Control in Temperate and Arctic Lakes - Changes along a Nutrient Gradient. International Symposium on High Mountain Lakes and Streams, Indicators of a Changing World, Innsbruck, Austria, September 4-8, 2000.

Jeppesen, E., Søndergaard, M., Lauridsen, T.L., Landkildehus, F. & Johansson, L.S.: Changes in Trophic Interactions along a Gradient in Nutrients and Salinity in Brackish Lakes. II. Enclosure Experiments. Poster presented at ASLO 2000 Aquatic Sciences Meeting, Research Across Boundaries, Copenhagen, Denmark, June 5-9, 2000.

Lauridsen, T.L., Søndergaard, M., Jeppesen, E. & Landkildehus, F.: Importance of Submerged Macrophytes and Fish for *Eurytemora affinis* in a Brackish Lake. Poster presented at ASLO 2000 Aquatic Sciences Meeting, Research Across Boundaries, Copenhagen, Denmark, June 5-9, 2000.

1999

Beklioglu, M., Landkildehus, F., Jeppesen, E., Søndergaard, M., Ince, Ö. & Burks, R.: Effects of Contrasting Densities of Macrophytes and 0+ Perch (*Perca fluviatilis*) on the Distribution of Plant-Associated Microcrustaceans. 8th International Conference on the Conservation and Management of Lakes, Lake '99 Conference, Copenhagen, Denmark, May 17-21, 1999.

Jeppesen, E., Jensen, J.P., Lauridsen, T.L., Faafeng, B., Hessen, D., Christoffersen, K., Landkildehus, F., Mitchell, S. & Søndergaard, M.: The Impact of Fish on Cladoceran Community Structure in Lakes. The Role of Nutrient State, Lake Depth and Season. Vth International Symposium on Cladocera, Ploen, Germany, September 14-18, 1999.

Jeppesen, E., Søndergaard, M., Jensen, J.P., Landkildehus, F. & Amsinck, S.: Søers reaktion på reduceret næringsstofftilførsel. Dansk Miljøforskning 1999, H.C. Ørsted Institutet, København, 19.-20. august 1999.

Jeppesen, E., Søndergaard, M., Jensen, J.P., Landkildehus, F. & Amsinck, S.: The Trophic Structure and Dynamics of Shallow Brackish Lakes. Invited speech at the EU-SWALE Meeting, Lammi, Finland, October 14-17, 1999.

Landkildehus, F.: Danish Activities Since 1997 and Future Plans to Year 2002. The NORLAKE Workshop, Reykholt, Iceland, September 30-October 4, 1999.

Lauridsen, T.L., Jeppesen, E., Landkildehus, F., Christoffersen, K. & Søndergaard, M.: Horizontal Distribution of Cladocerans in Greenland Lakes. Vth International Symposium on Cladocera, Ploen, Germany, September 14-18, 1999.

Lauridsen, T.L., Jeppesen, E., Landkildehus, F., Christoffersen, K. & Søndergaard, M.: Horizontal Distribution of Zooplankton in Danish and Greenland Lakes. The NORLAKE Workshop, Reykholt, Iceland, September 30-October 4, 1999.

1998

Beklioglu, M., Landkildehus, F., Jeppesen, E., Søndergaard, M. & Ince, O.: Diel Changes in Distribution of Plant-Associated Microcrustaceans at Contrasting Densities of 0+ Perch (*Perca fluviatilis* L.) and Macrophytes. Shallow Lakes '98 International Conference on Trophic Interactions in Shallow Freshwater and Brackish Lakes, Blossin, Germany, August 3-8, 1998.

Christoffersen, K., Jeppesen, E. & Landkildehus, F.: Lake Studies of Zackenberg. 7th Annual Meeting of Arctic Biology, H.C. Ørsted Institute, University of Copenhagen, Denmark, March 7, 1998.

Christoffersen, K., Jeppesen, E. & Landkildehus, F.: Lake Studies of Zackenberg - Chemical Environment and Pelagic Microbial Communities. 3rd Annual Zero Meeting, Institute of Geography, University of Copenhagen, Denmark, May 14, 1998.

Jeppesen, E., Landkildehus, F. & Christoffersen, K.: Lake Studies of Zackenberg - Fish-Zooplankton Interactions. 3rd Annual Zero Meeting, Institute of Geography, University of Copenhagen, Denmark, May 14, 1998.

1997

Jeppesen, E., Christoffersen, K. & Landkildehus, F.: Lake Studies at Zackenberg 1997. 2nd Annual Meeting Zackenberg Ecological Research Operations, Institute of Geography, University of Copenhagen, Denmark, April 11, 1997.