

Name	Country	Duration	Description	Contact person	Publications
Studies on mating system, multipaternity, sperm competition and diet.	Poland	1983 - 1999	Studies on a permanent plot (44 ha, so-called "Dyrzcz-plot") in the southern Biebrza basin on mating system, diet, paternal investment etc. with colour-ringed birds, nest search, genetics etc.; studies of mating behaviour and breeding biology in an aviary	Schulze-Hagen, Karl Bleichgrabenstr. 37 D - 41063 Mönchengladbach Germany, Deutschland Phone: +49 (0) 2161-87447 e-mail: karl@schulze-hagen.de	<p>Schulze-Hagen, K. (1995): Brutzeitliches Verhalten von Seggenrohrsängern <i>Acrocephalus paludicola</i> in der Voliere. - J. Ornithol. 136: 177-186.</p> <p>Schulze-Hagen, K.; Flinks, H.; Dyrzcz, A. (1989): Brutzeitliche Beutewahl beim Seggenrohrsänger <i>Acrocephalus paludicola</i>. - J. Ornithol. 130: 251-255.</p> <p>Schulze-Hagen, K.; Leisler, B.; Birkhead, T. R.; Dyrzcz, A. (1995): Prolonged copulation, sperm reserves and sperm competition in the Aquatic Warbler <i>Acrocephalus paludicola</i>. - Ibis 137: 85-91.</p> <p>Schulze-Hagen, K.; Leisler, B.; Schäfer, H. M.; Schmidt, V. (1999): The breeding system of the Aquatic Warbler <i>Acrocephalus paludicola</i> - a review of new results after 1991. - Vogelwelt 120: 87-96.</p> <p>Schulze-Hagen, K.; Swatschek, I.; Dyrzcz, A.; Wink, M. (1993): Multiple Vaterschaften in Brutten des Seggenrohrsängers: Erste Ergebnisse des DNA-Fingerprinting. - J. Ornithol. 134: 145-154.</p>
Breeding biology and breeding ecology of the Aquatic Warbler	Poland	1986-1991	Efforts to find all nests in the study area. Nests' monitoring., Colour ringing of all adult males and females in study area. Direct observations and observations from hide.	Prof. A. Dyrzcz. e-mail: dyrcz@biol.uni.wroc.pl Dept. Avian Ecology UWr., Sienkiewicza 21, 50-335 Wroclaw, Poland	<p>Dyrzcz A. & Zdunek W. 1993a. Breeding ecology of the Aquatic Warbler <i>Acrocephalus paludicola</i> on the Biebrza marshes, northeast Poland. Ibis 135: 181-189.</p> <p>Dyrzcz A. & Zdunek W. 1993b. Breeding statistics of the Aquatic Warbler <i>Acrocephalus paludicola</i> on the Biebrza marshes, northeast Poland. J. Ornith. 134: 317-323.</p> <p>Dyrzcz A. 1993. Nesting biology of the Aquatic Warbler <i>Acrocephalus paludicola</i> in the Biebrza marshes (NE Poland). Vogelwelt 114: 2-15.</p>
Mating system of	Poland	1993, 1994,	Details of the promiscuous mating system of Aquatic	A. Dyrzcz	Dyrzcz A., Wink M., Backhaus A., Zdunek

Aquatic Warbler		1997.	Warbler using microsatellite PCR analysis.		W., Leisler B., Schulze-Hagen K. 2002. Correlates of multiple paternity in the Aquatic Warbler (<i>Acrocephalus paludicola</i>). J. Ornithol.; 143: 430-439.
Sex ratio among nestlings of the Aquatic Warbler	Poland	1993, 1994, 1997	Testing sex allocation theory	A. Dyrzcz	Dyrzcz A., Sauer-Gürth H., Tkadlec E., Wink M. 2004. Offspring sex ratio variation in relation to brood size and mortality in a promiscuous species: the Aquatic Warbler <i>Acrocephalus paludicola</i>
Search for aquatic warbler breeding populations in central Europa, European Russia and West Siberia	Belarus, Ukraine, Russia	1995-2006	Exploration of potential breeding sites on the ground on the basis of historical data, museum specimen, vegetation data, aerial and satellite images; assessment of population status and size, habitat description and survey of the fen mire breeding bird communities, threat assessment	Dr. Martin Flade, AWCT e-mail: martin.flade@lugv.brandenburg.de Phone: +49 (0) 3334 – 66 2713	Flade M, & L. Lachmann 2008. Species Action Plan for the Aquatic Warbler <i>Acrocephalus paludicola</i> . BirdLife International, Cambridge, and European Commission, Brussels: http://ec.europa.eu/environment/nature/conservation/wildbirds/action_plans/docs/acrocephalus_paludicola.pdf
Ecology of the aquatic warbler in Belarusian fen mires	Belarus	1996-2008 (?)	Studies on population dynamics, abundance, habitat structure, breeding biology, breeding success, and diet of aquatic warbler in different fen mire types	Dr. Alexander Kozulin The scientific and practical center for bioresources The National Academy of Sciences of Belarus 27 Akademichnaya str. BY – 220072, Minsk Belarus Phone: office: +375-17-2808093 private: +375-17-2686383 Fax: +375-17-2841036 e-mail: kozulin@biobel.bas-net.by	Kozulin A, Flade M, Grichik V. 1999. Fen mires and the benefit of mobility: a hypothesis for the origin of promiscuity in Aquatic Warbler <i>Acrocephalus paludicola</i> . Subtuteo 2: 11-17. Kozulin A., Vergeichik L. and Y. Stepanovich. 2004. Factors affecting fluctuations of the Aquatic Warbler <i>Acrocephalus paludicola</i> population of Byelarusian mires. Acta Ornithologica, Vol. 39 No. 1: 47–56. Vergeichik L. & A. Kozulin. 2006. Breeding ecology of Aquatic Warbler <i>Acrocephalus paludicola</i> in their key habitats in SW Belarus. Acta Ornithologica Vol. 41 No. 2: 153-161. Vergeichik L. & A. Kozulin. 2006. Changing nesting dates and nest placement as adaptations of Aquatic Warbler <i>Acrocephalus paludicola</i> to unstable nesting conditions of fen mires in Belarus. Vogelwelt 127:163-174.
Blood parasites in Aquatic Warbler	Poland	1997	Correlation between blood parasites and reproduction success in males of AW. Correlation between male characteristics and its reproduction success.	A. Dyrzcz	Dyrzcz A., Wink M., Kruszewicz A., Leisler B. 2005. Male reproductive success is correlated with blood parasite levels and body condition in the promiscuous Aquatic Warbler (<i>Acrocephalus paludicola</i>)

Studies on spatial behaviour of adult aquatic warblers during mating and breeding	Poland	1997-2000	Study on home range, foraging and feeding behaviour of adult aquatic warblers on the "Dyrz plot" with radio-tagging	Schäfer, Martin Bernd Leisler Vogelwarte Radolfzell Möggingen D - 78315 Radolfzell Germany - Deutschland Phone: +49-7732-1501-30 e-mail: Leisler@orn.mpg.de	Schaefer, H. M., Naef-Daenzer, B., Leisler, B., Schmidt, V., Müller & Schulze-Hagen, K. 2000. Spatial behaviour in the Aquatic Warbler (<i>Acrocephalus paludicola</i>) during mating and breeding. - J. Ornithol. 141: 418-424.
Genetical studies on multipaternity and relationship between different breeding populations of aquatic warbler	Poland, Belarus, Ukraine, West Siberia, Lithuania, Hungary	1999-2006	Genetical analysis of multipaternity of aquatic warbler in different breeding populations, and analysis of microsatellite loci to study the relationship between 10 geographically separated breeding populations and the degree of isolation, including potential inbreeding depression	Gießing, Benedikt Ludwig-Berg-Str. 6 D - 50354 Hürth Germany - Deutschland Phone: +49-2233-36090 e-mail: benedikt.giessing@t-online.de	Gießing B 2002. Viele Väter für eine Brut – Vorteilhaft oder unausweichlich für das Weibchen? PhD-thesis. University of Cologne, Cologne Gießing B, Moosmayer P, Segelbacher G, Wink M, Leisler B (2006) Phylogeography of the Aquatic Warbler: a habitat specialist. J. Ornithol 147 suppl:172
Identification of wintering sites and of connectivity between breeding populations and wintering sites using stable isotope signatures	Europe, Africa	1999-2010	Study on stable isotope signatures in rectrices of aquatic warblers of 10 European and West Siberian breeding populations, aquatic warblers wintering in Djoudj/Senegal and surrogate species from various locations in Africa to identify wintering and moulting sites and to reveal migratory connectivity between breeding populations and wintering sites	Deborah Pain Opiel, Steffen The Royal Society for the Protection of Birds (RSPB) The Lodge, Sandy Bedfordshire SG19 2DL United Kingdom Phone: +44-1767-680551 Fax: +44-1767-683211 e-mail: Steffen.Opiel@rspb.org.uk	Pain D, Green RE, Gießing B, Kozulin A, Poluda A, Ottosson U, Flade M, Hilton G (2004) Using stable isotopes to investigate wintering areas and migratory connectivity of the globally threatened aquatic warbler <i>Acrocephalus paludicola</i> . Oecologia 138:168-174 Opiel S, Pain DJ, Donald PF, Lindsell J, Lachmann L, Diop I, Tegetmeyer C, Anderson G, Bowden C, Tanneberger F, Flade M 2011. High variation reduces the value of feather stable isotopic signatures in identifying new wintering areas for the globally threatened aquatic warbler in West Africa. J Avian Biol (in press)
Studies on habitat structure and threat assessment of aquatic warbler breeding sites in Pomerania	Germany, Poland	2006-2009	Study of the habitat structure of currently occupied and deserted aquatic warbler territories in the German lower Oder valley and neighbouring breeding sites in Northwest Poland in order to develop sound management strategies	Institut für Botanik und Landschaftsökologie Universität Greifswald Grimmer Strasse 88 17487 Greifswald Telefon: +49-3834-864112 Fax: +49-3834-864114 E-Mail: tanne@uni-greifswald.de ; tanneberger@gmx.de	Tanneberger F, Bellebaum J, Fartmann T, Haferland HJ, Helmecke A, Jehle P, Just P, Sadlik J (2008) Rapid deterioration of Aquatic Warbler <i>Acrocephalus paludicola</i> habitats at the western margin of the breeding range. J Ornithol 149:105-115 Tanneberger F, Flade M, Preiksa Z, Schröder B (2010) Habitat selection of the globally threatened Aquatic Warbler <i>Acrocephalus paludicola</i> at the western margin of its breeding range and implications for management. Ibis

					152:347–358 .. to be completed by Franziska
Satellite image analyses to identify potential wintering sites in West Africa	Western Sahel	2007-2010	Satellite image analyses of potential habitats in the western Sahel by using presence and absence ground data from the AWCT expeditions 2007-2009	Buchanan, Graeme The Royal Society for the Protection of Birds (RSPB) The Lodge, Sandy Bedfordshire SG19 2DL United Kingdom Phone: +44-1767-680551 Fax: +44-1767-683211 e-mail: Graeme.buchanan@rspb.org.uk	Buchanan, G. M., L. Lachmann, C. Tegetmeyer, S. Oppel, A. Nelson and M. Flade 2011. Identifying the potential wintering sites of the globally threatened Aquatic Warbler <i>Acrocephalus paludicola</i> using remote sensing. Ostrich, submitted.
Study on migratory connectivity of aquatic warblers wintering in Djoudj/Senegal	Senegal, Europe	2007-2009	Comparison of the genetical structure of 10 breeding populations (using the Gießing samples, see above) and birds wintering in Djoudj by the use of microsatellite loci to reveal migratory connectivity	Anna Vogel, Martin Haase Vogelwarte Hiddensee, Zoologisches Institut und Museum, Universität Greifswald, Soldmannstraße 23, D - 17489 Greifswald, Germany e-mail: martin.haase@uni-greifswald.de	Vogel A-L 2009. Genetische Bestimmung der Herkunft von im Senegal überwinternden Seggenrohrsängern. MSc-thesis. Ernst-Moritz-Arndt-University, Greifswald
Search for aquatic warbler wintering sites in Africa, assessment of conservation status and conservation needs	Senegal, Mauritania, Mali	since 2007	Identification of potential wintering sites in west Africa (using results of desk studies, stable isotopes research, genetical research, bioclimate modeling, satellite image analyses) and subsequent search on the ground	Dr. Martin Flade, AWCT e-mail: martin.flade@lugv.brandenburg.de Phone: +49 (0) 3334 – 66 2713	Flade, M., I. Diop, M. Haase, A. Le Nevé, S. Oppel, C. Tegetmeyer, A. Vogel, and V. Salewski 2011. Distribution, ecology and threat status of aquatic warblers <i>Acrocephalus paludicola</i> wintering in West Africa. J Ornithol 152, in press.
Bioacoustical research on Aquatic Warbler <i>Acrocephalus paludicola</i>	Poland, Belarus	since 2008	Geographical song variation of Aquatic Warbler as well as the relationships between population ecology and song complexity and diversity. In particular, the significance of relationship between song diversity and species population viability is being studied. As the project outcome, the song-based population viability indicator will be developed. Research methods will include cost-effective Aquatic Warbler monitoring based mostly on song recording and analysing. Therefore it is essential for the project to collect recordings from different locations across the European species range. Methods applied in this project (birds are recorded from a distance) have no negative effect on subjects.	Jakub Glapan Ph.D. student (2008 - onwards) Department of Behavioural Ecology, Adam Mickiewicz University, Poznań, Poland. Supervised by prof. T. S. Osiejuk e-mail: jglapan@gmail.com orglapan@amu.edu.pl Web: www.behaecol.amu.edu.pl Phone: +48 61 8295570 Mobile phone: +48 694 003 467	
Habitat and threat assessment as a basis for the protection of the	Senegal	since 2008	A landscape-ecological analysis of the habitats is carried out in this PhD study. The aim is to identify key factors of habitat choice of the Aquatic Warbler in	Cosima Tegetmeyer Diploma landscape ecologist, University of Greifswald,	

globally threatened Aquatic Warbler <i>Acrocephalus paludicola</i> in its wintering grounds in the Djoudj National Park area, Senegal			Africa. The results will further help to develop adequate management measures for preservation of designated Aquatic Warbler habitats and to eventually find further wintering grounds in Western Africa	Germany e-mail: cosima.tegetmeyer@uni-greifswald.de	
Investigating migration routes and wintering areas of Aquatic Warblers using the new technology of light-weight geolocators	Germany, Ukraine	since 2010	Use of geolocators will allow to determine the exact migration routes, stopover sites during migration, moulting and wintering areas as well as possible changes of sites during the non-breeding period, e.g. to determine sites which require site specific conservation strategies and management plans	Dr. Volker Salewski e-mail: salewski@orn.mpg.de Web: www.aquaticwarbler.net Phone: + 49 (0) 941 7086788	Salewski V. and Poluda A. First Report "Equipping Aquatic Warblers <i>Acrocephalus paludicola</i> with geolocators in the Supoy region, Ukraine. 1st to 14th July 2010."