

List of publications
Jan Willem ARNTZEN

Student reports

- 1976 Een ecologisch onderzoek aan de amfibieën van noord-west Frankrijk met de nadruk op biotooppreferenties en predatierelaties (with T. Gerats) (Pp. 97).
 1979 De levenswijze van de Goudstreepsalamander, *Chioglossa lusitanica* Bocage, 1864 (Pp. 60).
 1980 Palynologie van de 'Friesland-Rammelbeek' overgang in sectie de Borchert (Pp. 7).
 1980 Glaciale refugia en glaciale speciatie (Pp. 20).

Press recordings

- 1981 Courier de la Mayenne.
 1992 Ocrotirea Naturii 36: 82-83 (by D. Cogalniceanu).
 1996 BBC Wildlife.
 1996 NRC Handelsblad. 'The party as combat ground', featuring *Alytes dickhilleni* (by T. Goldschmidt).
 1997 Horizons 53.
 1998 Ouest France.
 1998 Courier de la Mayenne.
 1998 Pour la Science. L'évolution (by H. Le Guyader ed.).
 1999 Russian J. Herpetol. 6: 153-163 (by S. N. Litvinchuk, L. J. Borkin, G. Dzukic, M. L. Kalezic, M. D. Khalturin & J. M. Rosanov). Description of *Triturus karelinii arntzeni*.
 2000 Euglena 2000: 59-63 (by T. Adriaens & J. Speybroeck).
 2000 Courier de la Mayenne.
 2003 Dagblad De Limburger.

Publications (journals and proceedings not refereed, first author)

- 1975 Waarnemingen aan de herpetofauna van noordoost Burgenland (with M. Sparreboom). Lacerta 33: 107-114 .
 1976 Enkele waarnemingen aan de amfibieënfauna van de Tatra en de Beskiden (Polen) (with M. Sparreboom). Lacerta 34: 146-148.
 1980 Waarnemingen aan de amfibieënfauna van een gebied in Turkije. Lacerta 38: 82-84.
 1987 Über die Amphibien in der Umgebung von Adapazari, Türkei (with M. Sparreboom), Herpetofauna 9: 27-34.
 1988 Twee opmerkelijke predatoren op salamander-eieren. Lacerta 46: 160-165.
 1989 On the distribution of the Palearctic newts (genus *Triturus*) including the description of a five species pond in central France (with P. de Wijer). British Herpetological Society Bulletin 30: 6-11.
 1989 The identification of eggs of some species of Palearctic newts (genus *Triturus*) by starch gel electrophoresis. Isozyme Bulletin 22: 69.
 1990 Enzyme electrophoretic markers in the study of interspecific mate choice and individual mating success in newts. Isozyme Bulletin 23: 79.
 1996 Amphibians on pest control (with J. W. Wilkinson & R. S. Thorpe). New Farmer & Grower 49: 20-21.
 1997 Asymmetric hybrid parentage in a hybrid zone between crested newts (*Triturus cristatus*) and marbled newts (*Triturus marmoratus*) in northern France. ASIH 1997 Joint Meetings.
 1998 Les tritons en Mayenne. Biotopes 53, Bulletin Mayenne Sciences 16: 61-67.
 1999 Dead newts in Peneda Gerês, Portugal (with E. Froufe and A. Loureiro). Froglog 31: 1.
 2003 Amphibian mortality in a national park in the north of Portugal (with C. Soares, A. Alves de Matos, M. Carretero & A. Loureiro). Froglog 56: 1.

- 2005 The status of the crested newt (*Triturus cristatus* superspecies) breeding sites in Serbia, the Central Balkans (with J. Crnobrnja-Isailovic & I. Aleksic). *Froglog* 67: 2-3.

Reports (first author)

- 1995 Amphibian populations on organic farms: their role in pest control (with J. W. Wilkinson & R. S. Thorpe). Report for MAFF (Ministry for Agriculture, Fisheries and Food, London), Pp. iv, 48.
- 1998 Localização de uma barragem no rio Paiva e o seu impacto sobre a comunidade de vertebrados aquáticos e ribeirinhos (with N. Gomes, J. Alexandrino, N. Ferrand, P. Alexandrino, & P. C. Alves). Report for Aguas de Paiva S.A., Pp. 12.
- 2005 The status of the crested newt (*Triturus cristatus* superspecies) breeding sites in Serbia, the Central Balkans (with J. Crnobrnja-Isailovic & I. Aleksic). Report produced for the Declining Amphibian Population TaskForce, Milton Keynes, UK.
- 2005 Vertebrate faunal diversity and relevant interrelationships of critical resources on Mt. Malindang, Philippines (with O. M. Nuñez, J. B. Arances, E. C. Aranico, A. A. Alicante, M. R. Calizo-Enguito, F. B. Ates, A. G. Toledo – Bruno, Y. I. Labajo, S. M. Dejarne, M. van Weerd & A. van den Berg). Project report.
- 2006 Cleaning and Enriching Research Data on Reptiles and Amphibians. The MITCH Pilot Project and 'nulmeting' (with C. Sporleder, M. van Erp, T. Porcelijn, A. van den Bosch & E. van Nieuwerkerken). Technical Report, ILK 06-01, Tilburg University.

Book reviews / Obituary

- 1995 The challenge of related species. *Quarterly Review Biology* 70: 219-220.
- 1996 Two books on treefrogs. *Herpetological Journal* 6: 149-150.
- 1987 Obituary Dick Hillenius 29 May 1927 - 4 May 1987 (with A. Zuiderwijk). *Amphibia-Reptilia* 8: 305-306.
- 1998 Palearctic plethodontids. *Amphibia-Reptilia* 19: 341-342.
- 1998 Herpetogeography of Portugal. *Amphibia-Reptilia* 19: 343-344.
- 2002 GIS and the reptiles of Switzerland. *Amphibia-Reptilia* 23: 535-536.
- 2005 The new book by Mr. Rudolf Malkmus. *Herpetological Journal* 14: 207.

Publications (in international, peer-reviewed outlets, first author)

- 1978 Some hypotheses on postglacial migrations of the Fire-bellied Toad, *Bombina bombina* (Linnaeus) and the Yellow-bellied Toad, *Bombina variegata* (Linnaeus). *Journal Biogeography* 5: 339-345.
- 1981 Ecological observations on *Chioglossa lusitanica* (Caudata, Salamandridae). *Amphibia-Reptilia* 1: 187-203.
- 1981 Kikkers en padden. Pp. 57-110 in: *De amfibieën en reptielen van Nederland, België en Luxemburg*, (ed. M. Sparreboom) Balkema, Rotterdam.
- 1984 Ecological and genetic isolation in *Triturus cristatus* and *T. marmoratus*. *Amphibia-Reptilia* 5: 195.
- 1984 Genetic differentiation between African and European Midwife toads (*Alytes*, Discoglossidae) (with J. M. Szymura). *Contributions Zoology* 54: 157-162.
- 1984 On the biology of *Chioglossa lusitanica*, the Golden-striped salamander. *Biological Conservation* 28: 187-192.
- 1985 Abundance, growth and feeding of Natterjack toads (*Bufo calamita* Laurenti) in a 4-year old artificial habitat (with J. J. Boomsma). *Journal Applied Ecology* 22: 395-405.
- 1986 Aspects of introgressive hybridization in Crested and Marbled newts (Amphibia: Caudata). Preliminary results. Pp. 155-158 in: *Studies in Herpetology*. Charles University, Prague.
- 1986 Note sur la coexistence d'espèces sympatriques de tritons du genre *Triturus*. *Bulletin Société Herpétologique France* 37: 1-8.

-
- 1987 A survey of behaviour in the Old World newts (genus *Triturus*) (with M. Sparreboom). Pp. 369-372 in: Proceedings of the 4th Ordinary General Meeting of the Societas Europaea Herpetologica, Nijmegen.
- 1987 Genetic differentiation in the Alpine newt, *Triturus alpestris* (with B. Arano). Pp. 21-24 in: Proceedings of the 4th Ordinary General Meeting of the Societas Europaea Herpetologica, Nijmegen.
- 1987 The use of biochemical and behavioural data for the phylogeny of the Old World newts, genus *Triturus* (with M. Sparreboom). Pp. 25-28 in: Proceedings of the 4th Ordinary General Meeting of the Societas Europaea Herpetologica, Nijmegen.
- 1987 Biochemical systematics of the Old World newts (genus *Triturus*). Allozyme data (with J. Rafinski). *Herpetologica* 43: 446-457.
- 1989 A phylogeny for the Old World newts, genus *Triturus*. Biochemical and behavioural data (with M. Sparreboom). *Journal Zoology* 219: 645-664.
- 1989 Mitochondrial DNA variation in the Crested newt superspecies: limited cytoplasmic gene flow among species (with G. P. Wallis). *Evolution* 43: 88-104.
- 1989 Chapters on *Triturus helveticus* and *T. vulgaris*. Pp. 50-53 in: Atlas de la répartition des Amphibiens et des Reptiles de France (eds. J. Castanet & R. Guyétant). Société Herpétologique de France, Montpellier.
- 1990 Age, growth and longevity of sympatric *Triturus cristatus*, *T. marmoratus* and their hybrids (Amphibia, Urodela). A skeletochronological comparison (with H. Francillon & J. Géraudie). *Journal Herpetology* 24: 13-22.
- 1990 An integrative analysis of phylogenetic relationships among newts of the genus *Triturus* (Family Salamandridae), using comparative biochemistry, cytogenetics and reproductive interactions (with H. C. Macgregor & S. K. Sessions). *Journal Evolutionary Biology* 3: 329-373.
- 1990 Fecundity of the newts *Triturus cristatus*, *T. marmoratus* and their hybrids in relation to species coexistence (with L. Hedlund). *Holarctic Ecology* 13: 325-332.
- 1991 Biochemical evidence pertaining to the taxonomic relationships within the family Chamaeleonidae (Sauria, Reptilia) (with A. Hofman & L. R. Maxson). *Amphibia-Reptilia* 12: 245-265.
- 1991 Genetic differentiation among Iberian populations of the Alpine newt, *Triturus alpestris* (with B. Arano, P. Herrero & M. Garcia-Paris). *Amphibia-Reptilia* 12: 409-421.
- 1991 On the evolutionary biology of the Old World newts, genus *Triturus*. Ph.D. thesis, University of Amsterdam, Amsterdam.
- 1991 Restricted gene flow in a moving hybrid zone of newts (*Triturus cristatus* and *T. marmoratus*) in western France (with G. P. Wallis). *Evolution* 45: 805-826.
- 1992 Area-cladograms of circum-Mediterranean taxa in relation to Mediterranean palaeogeography (with P. Oosterbroek). *Journal Biogeography* 19: 3-20.
- 1993 A six-year study on the population dynamics of the Crested newt (*Triturus cristatus*) following the colonization of a newly created pond (with S. F. M. Teunis). *Herpetological Journal* 3: 99-110.
- 1993 Reproductive biology of the Parsley frog (*Pelodytes punctatus*) at the northern-most part of its range (with A. G. M. Toxopeus & M. Ohm). *Amphibia-Reptilia* 14: 131-147.
- 1994 Comparative analysis of intra- and interpopulation genetic diversity in *Bufo bufo*, using allozyme, single-locus microsatellite, minisatellite and multilocus minisatellite data (with K. Scribner & T. Burke). *Molecular Biology Evolution* 11: 737-748.
- 1994 Allometry and autotomy of the tail in the Golden-striped salamander *Chioglossa lusitanica*. *Amphibia-Reptilia* 15: 267-274.
- 1994 The 'Wolterstorff-index' and its value in the taxonomy of the Crested Newt superspecies (with G. P. Wallis). *Abhandlungen Berichte Museum Naturkunde Vorgeschichte Magdeburg* 17: 57-66.

- 1994 A black, non-troglophic amphibian from the karst of Slovenia: *Proteus anguinus parkelj* n. ssp. (Urodela: Proteidae) (with B. Sket). Contributions Zoology 61: 33-53.
- 1994 Discovery of a non-troglophic race of the European Cave salamander *Proteus anguinus* (Amphibia: Caudata: Proteidae) - a preliminary report (with B. Sket). Proceedings XIth International Congress Speleology, 1993. 1994: 41.
- 1994 Speedy salamanders - sedentariness and migration of *Chioglossa lusitanica*. Revista Español Herpetologica 8: 81-86.
- 1995 Cost effective drift fences for toads and newts (with R. Oldham & D. Latham). Amphibia-Reptilia 16: 137-145.
- 1995 European newts: A model system for evolutionary studies. Scientia Herpetologica, Barcelona 1995: 26-32.
- 1995 Morphological and allozyme studies on Midwife toads (genus *Alytes*), including the description of two new taxa from Spain (with M. Garcia-Paris). Contributions Zoology 65: 5-34.
- 1995 Temporal and spatial distribution of the Golden-striped salamander (*Chioglossa lusitanica*) along two mountain brooks in northern Portugal. Herpetological Journal 5: 213-216.
- 1996 Chapters on *Bombina bombina*, *Bombina variegata* and the *Triturus cristatus* superspecies. Pp. 76-77, 96-99 in 'Atlas of European Reptiles and Amphibians' (with L. Borkin, G. Gollmann, J. Pialek & J. Szymura). Societas Europaea Herpetologica, Paris.
- 1996 Parameters of ecology and scale integrate the gradient and mosaic models of hybrid zone structure in *Bombina* toads and *Triturus* newts. Israel Journal of Zoology 42: 111-119.
- 1996 Predicting the persistence of amphibian populations with the help of a spatial model (with J. Halley & R. Oldham). Journal Applied Ecology 33: 455-470.
- 1996 Speak of the devil: the taxonomic status of *Proteus anguinus parkelj* revisited (Caudata, Proteidae) (with B. Sket). Herpetozoa 8: 165-166.
- 1996 Species and species concepts: too many or too few ? (with A. Bauer). Amphibia-Reptilia 17: 321-323.
- 1997 Morphometric analysis of black and white European Cave salamanders (*Proteus anguinus*) (with B. Sket). Journal Zoology 241: 699-707.
- 1997 Effective number of breeding adults in *Bufo bufo* estimated from age-specific variation at minisatellite loci (with K. T. Scribner & T. A. Burke). Molecular Ecology 6: 701-712.
- 1997 Phylogeny and biogeography of Midwife toads (*Alytes*, Discoglossidae): a rebuttal (with M. García-París). Contributions Zoology 66: 263-268.
- 1997 Analysis of the terrestrial habitat component in a *Bombina* hybrid one using remote sensing (with R. J. F. Bugter, C. J. MacCallum & N. H. Barton) Herpetologia Bonnensis 1997: 35-42.
- 1997 Distribución y biogeografía de los anfibios y reptiles en España y Portugal, *Alytes dickhilleni*. (with M. García-París). Monografías Herpetología 3: 129-130.
- 1997 The distribution and conservation status of the Danube Crested newt, *Triturus dobrogicus* (with R. J. F. Bugter, D. Cogalniceanu and G. P. Wallis). Amphibia-Reptilia 18: 133-142.
- 1997 The taxonomic status of the Banded newt (*Triturus vittatus*) in southern Turkey (with K. Olgun, V. Tok & O. Türkozan). Herpetological Journal 7: 169-171.
- 1997 Atlas of amphibians and reptiles in Europe: Amphibia (with B. Asimakopoulos et al.). Collections Patrimoines Naturels 29: 34-159.
- 1997 Genetic variation in some populations of the Golden-striped salamander, *Chioglossa lusitanica* (Amphibia: Urodela), in Portugal (with J. Alexandrino & N. M. Ferrand). Biochemical Genetics 35: 371-381.

- 1998 Rare hybridization and introgression in Smooth and Palmate newts (Salamandridae: *Triturus vulgaris* and *T. helveticus*) (with P. de Wijer, R. Jehle, E. Smit & J. Smit). *Journal Zoological Systematics Evolutionary Research* 36: 111-122.
- 1999 Phylogenetic relationships of the European newts (genus *Triturus*) tested with mitochondrial DNA sequence data (with I. Zajc). *Contributions Zoology* 68: 73-81.
- 1999 *Chioglossa lusitanica* Bocage 1864 - der Goldstreifen-salamander. Chapter in: 'Handbuch der Reptilien und Amphibien Europas' (Eds. K. Grossenbacher & B. Thiesmeier). Pp. 301-321. Akademische Verlagsgesellschaft, Wiesbaden.
- 1999 Morphological variation in brown frogs from the Caucasus and the taxonomy of the *Rana macrocnemis* group (with D. Tarkhnishvili & R. S. Thorpe). *Herpetologica* 55: 406-417.
- 1999 Italian Crested newts in the Basin of Geneva: distribution and genetic interactions with autochthonous species (with R. S. Thorpe). *Herpetologica* 55: 423-433.
- 1999 Identification of newts (*Triturus* sp.) and their hybrids using molecular methods (with T. J. C. Beebee & G. Rowe). *Journal Zoology* 249: 43-47.
- 1999 Marking and tissue sampling effects on body condition and survival in the newt *Triturus cristatus* (with A. Smithson & R. S. Oldham). *Journal Herpetology* 33: 567-576.
- 1999 Sexual selection and male mate choice in the common toad, *Bufo bufo*. *Ethology, Ecology and Evolution* 11: 407-414.
- 1999 Geographic variation and taxonomy of crested newts (*Triturus cristatus* superspecies): morphological and mitochondrial DNA data (with G. P. Wallis). *Contributions Zoology* 68: 181-203.
- 2000 Evolutionary relationships among European newts (genus *Triturus*) as inferred from two mtDNA fragments (with I. Zajc). *Pflügers Archiv European Journal Physiology* 439 (supplement): R21-22.
- 2000 A growth curve for the newt *Triturus cristatus*. *Journal Herpetology* 34: 227-232.
- 2000 Pre-Pleistocene refugia and differentiation between populations of the Caucasian salamander (*Mertensiella caucasica*) (with D. Tarkhnishvili & R. S. Thorpe). *Molecular Phylogenetics Evolution* 14: 414-422.
- 2000 Genetic subdivision, glacial refugia and postglacial recolonization in the Golden-striped salamander, *Chioglossa lusitanica* (Amphibia: Urodela). (with J. Alexandrino, E. Froufe & N. Ferrand). *Molecular Ecology* 9: 771-781.
- 2000 Taxonomy of the Banded newt, *Triturus vittatus*: morphological and allozyme data (with K. Olgun). *Amphibia-Reptilia* 21: 155-168.
- 2000 Post-breeding migrations of newts with contrasting ecological requirements (with R. Jehle). *Journal Zoology* 251: 297-306.
- 2000 A morphometric study of a hybrid newt population (*Triturus cristatus* / *T. carnifex*): Beam Brook nurseries, Surrey, U.K. (with E. Brede, R. S. Thorpe & T. E. S. Langton). *Biological Journal Linnean Society* 70: 685-695.
- 2000 High aquatic niche overlap in the newts *Triturus cristatus* and *T. marmoratus* (Amphibia, Urodela) (with R. Jehle, P. Bouma & M. Sztatecsny). *Hydrobiologia* 437: 149-155.
- 2000 Age structure and individual growth in two populations of *Chioglossa lusitanica* (Caudata, Salamandridae) (with V. Lima & N. M. Ferrand). *Amphibia-Reptilia* 22: 55-68.
- 2000 Environmental correlates of toad abundance and population genetic diversity (with K. T. Scribner, N. Cruddace, R.S. Oldham & T. Burke). *Biological Conservation* 98: 201-210.
- 2000 Genetic variation in the Italian crested newt, *Triturus carnifex*, and the origin of a non-native population north of the Alps. *Biodiversity Conservation* 10: 971-987.
- 2001 Habitat-structural and meteorological parameters influencing the activity and local distribution of the Golden-striped salamander, *Chioglossa lusitanica* (with F. Sequeira, H. Gonçalves, M. M. Faria & V. Meneses). *Herpetological Journal* 11: 85-90.

- 2001 The annual number of breeding adults and the effective population size of syntopic newts (*Triturus cristatus*, *T. marmoratus*) (with R. Jehle, T. A. Burke, A. P. Krupa, & W. Hödl). *Molecular Ecology* 10: 839-850.
- 2001 Amphibian declines and environmental change: Use of remote-sensing data to identify environmental correlates (with C. Carey, W. R. Heyer, J. Wilkinson, R. A. Alford, T. Halliday, L. Hungerford, K. R. Lips, M. E. Middleton, S. A. Orchard & A. S. Rand). *Conservation Biology* 15: 903-913.
- 2001 Biogeography of the golden-striped salamander, *Chioglossa lusitanica*: a field survey and spatial modelling approach (with J. Teixeira & N. Ferrand). *Ecography* 24: 618-624.
- 2001 Ist der Kammolch (*Triturus cristatus*) genetisch gefährdet? (with R. Jehle). *Rana Sonderheft* 4: 193-198.
- 2002 High variation molecular markers in amphibian conservation biology (with R. Jehle). Pp. 101-114 in: *Atti del terzo Convegno 'Salvaguardia Anfibi'*. Lugano, 23-24 giugno 2000. Edizioni Cogecstre, Penne.
- 2002 Classification and molecular organization of satellites elucidated by phylogenetic network analysis - examples from *Triturus* salamanders and *Palorus* beetles. *Chromosoma* 111: 284-288.
- 2002 Nested clade analysis of phylogeographic data in the golden-striped salamander, *Chioglossa lusitanica* (Amphibia: Urodela) (with J. Alexandrino & N. Ferrand). *Heredity* 89: 66-74.
- 2002 Potential impact of climate warming on the distribution of the Golden-striped salamander, *Chioglossa lusitanica*, on the Iberian Peninsula (with J. Teixeira). *Biodiversity and Conservation* 11: 2167-2176.
- 2002 Testing for equal catchability of *Triturus* newts by dip netting. *Journal of Herpetology* 36: 272-276.
- 2002 Microsatellite markers in amphibian conservation genetics (with R. Jehle). *Herpetological Journal* 12: 1-9.
- 2001 Seasonal variation in sex ratio and asynchronous presence at ponds of male and female *Triturus* newts. *Journal Herpetology* 36: 29-35.
- 2002 Microsatellite loci in the crested newt (*Triturus cristatus*) and their utility in other newt taxa (with A. P. Krupa, R. Jehle, D. A. Dawson, L. K. Gentle, M. Gibbs & T. Burke). *Conservation Genetics* 3: 87-89.
- 2002 *Alytes dickhilleni* Arntzen & Garcia-Paris, 1995. Sapo partero bético (with M. García-Paris). Pp. 76-78 in: *Atlas y libro rojo de los Anfibios y Reptiles de España* (Eds. J. M. Pleguezuelos., R. Marquez & M. Lizana). Ministerio de Medio Ambiente, Madrid.
- 2003 Regional differentiation in the common midwife toad (*Alytes obstetricans*) in Portugal: a picture from mitochondrial DNA (with A. Fonseca, E. Crespo & N. Ferrand). *Zeitschrift Feldherpetologie* 10: 83-89.
- 2003 *Triturus cristatus* superspecies - Kammolch Artenkreiss, including *T. cristatus* (Laurenti, 1768) - Northern crested newt, *T. carnifex* (Laurenti, 1768) - Italian crested newt, *T. dobrogicus* (Kiritzescu, 1903) - Danube crested newt and *T. karelinii* (Strauch, 1870) - Southern crested newt. Pp 421-514 in: *Handbuch für Amphibien und Reptilien Europas*. (Eds. K. Grossenbacher & B. Thiesmeier). Aula Verlag, Wiesbaden.
- 2004 Cost comparison of marking techniques in long-term population studies: PIT-tags versus pattern maps (with I. B. J. Goudie, J. Halley & R. Jehle). *Amphibia-Reptilia* 25: 305-315.
- 2004 The abundance of praemetamorphic newts (*Triturus cristatus*, *T. marmoratus*) as a function of habitat determinants: an *a priori* model selection approach (with M. Sztatecsny, R. Jehle, B. R. Schmidt). *Herpetological Journal*. 14: 89-97.
- 2004 Ecological modelling of genetically differentiated forms of the Iberian endemic Golden-striped salamander, *Chioglossa lusitanica* (with J. Alexandrino). *Herpetological Journal* 14: 137-141.

- 2004 Phylogenetic relationships and biogeography of midwife toads (Discoglossidae: *Alytes*) (with I. Martínez-Solano; H.A. Gonçalves & M. García-Paris). *Journal Biogeography* 31: 603-618.
- 2004 The IUCN list of threatened species. Species accounts on *Alytes cisternasii*, *Alytes dickhilleni*, *Alytes muletensis*, *Chioglossa lusitanica*, *Proteus anguinus*, *Triturus boscai*, *Triturus dobrogicus* and *Triturus pygmaeus*. Website <http://www.iucnredlist.org>.
- 2005 Genetic exchange across a hybrid zone within the Iberian endemic golden-striped salamander, *Chioglossa lusitanica* (with F. Sequeira, J. Alexandrino, S. Rocha & N. Ferrand). *Molecular Ecology* 14: 245-254.
- 2005 Phylogeography of two European newt species - discordance between mtDNA and morphology (with W. Babik, W. Branicki, J. Crnobrnja-Isailovic, D. Cogalniceanu, I. Sas, K. Olgun, N. A. Poyarkov & M. Garcia-Paris). *Molecular Ecology* 14: 2475-2491.
- 2005 Delineating fine-scale genetic units in amphibians: probing the primacy of ponds (with R. Jehle & T. Burke). *Conservation Genetics* 6: 227-234.
- 2005 Contemporary gene flow and the spatio-temporal genetic structure of subdivided newt populations (*Triturus cristatus*, *T. marmoratus*) (with R. Jehle, G. A. Wilson & T. Burke). *Journal Evolutionary Biology* 18: 619-628.
- 2005 Atlas of the Amphibians and Reptiles of Peneda-Gerês National Park, Portugal (with C. Soares, F. Álvares, A. Loureiro, N. Sillero & J. C. Brito). *Herpetozoa* 18: 155-170.
- 2006 Morphological variation in two genetically distinct groups of the golden-striped salamander, *Chioglossa lusitanica* (Amphibia: Urodela) (with J. Alexandrino & N. Ferrand). *Contributions to Zoology* 74: 213-222.
- 2006 The historical biogeography and conservation of the Golden-striped salamander (*Chioglossa lusitanica*): Integrating ecological, phenotypic and genetic data (with J. Alexandrino, J. Teixeira & N. Ferrand. Pp. 189-205 in: *Phylogeography in southern European refugia: evolutionary perspectives on the origin and conservation of European biodiversity*. Editors S. Weiss & N. Ferrand. Springer, Dordrecht, The Netherlands.
- 2006 History and new developments in the mapping and modelling of the distribution of the Golden-striped Salamander, *Chioglossa lusitanica* (with J. Teixeira) Pp. 113-126 in *Areale und Verbreitungsmuster: Genese und Analyse*. Editors M. Schlupmann & H.-K. Nettmann. Laurenti-Verlag, Bielefeld.
- 2006 From descriptive to predictive distribution models: a working example with Iberian amphibians and reptiles. *Frontiers in Zoology* 8: 3.
- 2006 Amphibian mortality in Peneda-Gerês National Park, northern Portugal (with C. Soares, A. Alves de Matos, A. Loureiro & M. A. Carretero). Pp 39-41 and 79-80 in: *Actas of the Symposium on Declining Amphibian Populations*, Editor D. Sanuy, Lleida University and Asociación Herpetológica Española, Malaga, Spain
- 2007 A Bayesian approach on molecules, morphology and behavior: reconsidering phylogenetic and evolutionary patterns of the Salamandridae with emphasis on *Triturus* newts (with S. Steinfartz, S. Vicario & A. Caccone (2007) *Journal Experimental Zoology (Mol. Devol. Evol.)*. 308B: 139-162.
- 2007 Morphological and genetical differentiation of lizards (*Podarcis bocagei* and *P. hispanica*) in the Ria de Arosa archipelago (Galicia, Spain) resulting from vicariance and occasional dispersal (with P. Sá-Sousa). Pp. 365-401 in: *Biogeography, Time and Place. Distributions, Barriers and Islands*. Editor W. Renema. Springer, Dordrecht, The Netherlands.
- 2007 The phylogeny of crested newts (*Triturus cristatus* superspecies): nuclear and mitochondrial genetic characters suggest a hard polytomy, in line with the paleogeography of the centre of origin (with G. Espregueira Themudo & B. Wielstra). *Contributions to Zoology* 76: 261-278.
- 2007 Geographical variation in the Golden-striped salamander, *Chioglossa lusitanica* Bocage, 1864 and the description of a newly recognized subspecies (with D. S. J.

- Groenenberg, J. Alexandrino, N. Ferrand & F. Sequeira). *Journal of Natural History* 41: 925-936.
- 2007 Molecular identification of marbled newts and a justification of the *Triturus marmoratus* and *T. pygmaeus* species status (with G. Espregueira Themudo). *Herpetological Journal* 17: 24-30.
- 2007 Newts under siege: range expansion of *Triturus pygmaeus* isolates population of its sister species status (with G. Espregueira Themudo). *Diversity and Distributions* 13: 580-586.
- 2007 Type specimens of amphibians in the National Museum of Natural History, Leiden, The Netherlands (with E. Gassó i Miracle & L. W. van den Hoek Ostende). *Zootaxa* 1482: 25-68.

In the press:

- Arntzen, J. W. & G. Espregueira Themudo. Environmental parameters that determine species geographical range limits as a matter of time and space. *Journal of Biogeography*.
- Arntzen, J. W. & G. Themudo. Distribution of *Triturus marmoratus* and *T. pygmaeus*. In 'Atlas of the amphibians and reptiles of Portugal' (ed. A. Loureiro *et al.*).
- Arntzen, J. W. & G. Smit. *Triturus cristatus* (Laurenti 1768) - noordelijke kamsalamander. RAVON atlas amfibieën en reptielen van Nederland.
- Lanza, B., E. Gentile & J. W. Arntzen. Vertebral numbers in the Caudata of the western Palearctic (Amphibia). *Atti Museum Milano N. S.*