

Bisazza Angelo

Elenco Pubblicazioni

Anno 2012

Maria Elena Miletto Petrazzini, Christian Agrillo, Laura Piffer, Marco Dadda, Angelo Bisazza (2012). Development and application of a new method to investigate cognition in newborn guppies. *BEHAVIOURAL BRAIN RESEARCH*. vol.233; p.443-449.

Marco Dadda, Angelo Bisazza (2012). Prenatal light exposure affects development of behavioural lateralization in a livebearing fish. *BEHAVIOURAL PROCESSES*. vol.91; p.115-118.

Christian Agrillo, Laura Piffer, Angelo Bisazza, Brian Butterworth (2012). Evidence for Two Numerical Systems That Are Similar in Humans and Guppies. *PLOS ONE*. vol.7; p.e31923-.

Christian Agrillo, Maria Elena Miletto Petrazzini, Laura Piffer, Marco Dadda, Angelo Bisazza (2012). A new training procedure for studying discrimination learning in fish. *BEHAVIOURAL BRAIN RESEARCH*. vol.230; p.343-348.

Parma V; Tirindelli R; Bisazza A; Massaccesi S; U. CASTIELLO (2012). Subliminally perceived odours modulate female intrasexual competition: an eye movement study. *PLOS ONE*. vol.7; p.e30645-.

Anno 2011

Domenichini A, Dadda M, Facchin L, Bisazza A, Argenton F (2011). Isolation and genetic characterization of mother-of-snow-white, a maternal effect allele affecting laterality and lateralized behaviors in zebrafish.. *PLOS ONE*. vol.6; p.-.

Agrillo C; Piffer L; A. BISAZZA (2011). Number versus continuous quantity in numerosity judgments by fish. *COGNITION*. vol.119; p.281-287.

A Bisazza (2011). Cognition. *Ecology and Evolution of Poeciliid Fishes*. vol.; p.165-173.

Angelo Bisazza, Culum Brown (2011). Lateralization of Cognitive Functions in Fish. *Fish Cognition and Behavior*. vol.; p.298-324.

Anno 2010

BISAZZA A.; PIFFER L; SERENA G; AGRILLO C (2010). Ontogeny of Numerical Abilities in Fish. *PLOS ONE*. vol.5(11); p.---

DADDA M; DOMENICHINI A; PIFFER L; ARGENTON F; BISAZZA A. (2010). Early differences in epthalamic left-right asymmetry influence lateralization and personality of adult zebrafish. *BEHAVIOURAL BRAIN RESEARCH*. vol.206; p.208-215.

AGRILLO C; PIFFER L; BISAZZA A.

(2010). Large Number Discrimination by Mosquitofish. PLOS ONE. vol.5; p.---

TRUPPA V; SOVRANO VA; SPINOZZI G; BISAZZA A. (2010). Processing of visual hierarchical stimuli by fish (*Xenotoca eiseni*). BEHAVIOURAL BRAIN RESEARCH. vol.207; p.51-60.

Anno 2009

AGRILLO C., DADDA M., BISAZZA A. , (2009). Escape behaviour elicited by a visual stimulus. A comparison between lateralised and non-lateralised female topminnows. LATERALITY. vol.14; p.300-314.

FACCHIN L; ARGENTON F.; BISAZZA A

(2009). Lines of *Danio rerio* selected for opposite behavioural lateralization show differences in anatomical left-right asymmetries.. BEHAVIOURAL BRAIN RESEARCH. vol.197; p.157-165.

DADDA M.; ZANDONA' E.; AGRILLO C.; BISAZZA A.

(2009). The costs of hemispheric specialization in a fish. PROCEEDINGS - ROYAL SOCIETY. BIOLOGICAL SCIENCES. vol.276; p.4399-4407.

DADDA M; PIFFER L; AGRILLO C.; BISAZZA A

(2009). Spontaneous number representation in mosquitofish. COGNITION. vol.112; p.343-348.

AGRILLO C.; DADDA M.; SERENA G.; BISAZZA A.

(2009). Use of number by fish. PLOS ONE. vol.4(3); p.---

SOVRANO VA; BISAZZA A. (2009). Perception of subjective contours in fish. PERCEPTION. vol.38; p.579-590.

Anno 2008

DADDA M; PILASTRO A; BISAZZA A.

(2008). Innate responses to male sexual harassment in female mosquitofish. BEHAVIORAL ECOLOGY AND SOCIOBIOLOGY. vol.63; p.53-62.

AGRILLO C; DADDA M; SERENA G; BISAZZA A.

(2008). Do fish count? Spontaneous discrimination of quantity in female mosquitofish. ANIMAL COGNITION. vol.11; p.495-503.

ALCARAZ C; BISAZZA A.; GARCA-BERTHOU E (2008). Salinity mediates the competitive interactions between invasive mosquitofish and an endangered fish. OECOLOGIA. vol.155; p.205-213.

SOVRANO VA; BISAZZA A. (2008). Recognition of partly occluded objects by fish. ANIMAL COGNITION. vol.11; p.161-166.

Anno 2007

PILASTRO A.A.; MANDELLI M; GASPARINI C; DADDA M; BISAZZA A
(2007). Copulation duration, insemination efficiency and male attractiveness in guppies. ANIMAL BEHAVIOUR. vol.74; p.321-328.

BISAZZA A; M. DADDA; FACCHIN L; VIGO F
(2007). Artificial selection on laterality in the teleost fish *Girardinus falcatus*. BEHAVIOURAL BRAIN RESEARCH. vol.178; p.29-38.

DADDA M; ZANDONA E; BISAZZA A.
(2007). Emotional responsiveness in fish from lines artificially selected for a high or low degree of laterality. PHYSIOLOGY & BEHAVIOR. vol.92; p.764-772.

AGRILLO C.; DADDA M; BISAZZA A
(2007). Quantity discrimination in female mosquitofish. ANIMAL COGNITION. vol.10; p.63-70.

SOVRANO VA; BISAZZA A.; VALLORTIGARA G (2007). How fish do geometry in large and in small spaces. ANIMAL COGNITION. vol.10; p.47-54.

Anno 2006

AGRILLO C; DADDA M; BISAZZA A.
(2006). Sexual harassment influences group choice in female mosquitofish. ETHOLOGY. vol.112; p.592-598.

GRAPPUTO A.; BISAZZA A; PILASTRO A
(2006). Invasion success despite reduction of genetic diversity in the European populations of eastern mosquitofish (*Gambusia holbrooki*). THE ITALIAN JOURNAL OF ZOOLOGY. vol.73; p.67-73.

DADDA M; BISAZZA A.
(2006). Lateralized female topminnows can forage and attend to a harassing male simultaneously. BEHAVIORAL ECOLOGY. vol.17; p.358-363.

DADDA M; BISAZZA A.
(2006). Does brain asymmetry allow efficient performance of simultaneous tasks?. ANIMAL BEHAVIOUR. vol.72; p.523-529.

Anno 2005

BISAZZA A.; DADDA M.

(2005). Enhanced schooling performance in lateralised fish. PROCEEDINGS - ROYAL SOCIETY. BIOLOGICAL SCIENCES. vol.272; p.1677-1681.

SOVRANO V.A.; DADDA M.; BISAZZA A.

(2005). Lateralized fish perform better than nonlateralized fish in spatial reorientation tasks. BEHAVIOURAL BRAIN RESEARCH. vol.163; p.122-127.

BISAZZA A.; DADDA M.; CANTALUPO C.

(2005). Further evidence for mirror-reversed laterality in lines of fish selected for leftward or rightward turning when facing a predator model. BEHAVIOURAL BRAIN RESEARCH. vol.156; p.165-171.

DADDA M.; PILASTRO A.; BISAZZA A.

(2005). Male sexual harassment and female schooling behaviour in the eastern mosquitofish. ANIMAL BEHAVIOUR. vol.70; p.463-471.

SOVRANO VA; BISAZZA A.; VALLORTIGARA G (2005). Animals' use of landmarks and metric information to reorient: effects of the size of the experimental space. COGNITION. vol.97; p.121-133.

Anno 2004

EVANS J.P.; KELLEY J.L.; BISAZZA A.; FINAZZO E.; PILASTRO A.A.

(2004). Sire attractiveness influences offspring performance in guppies. PROCEEDINGS - ROYAL SOCIETY. BIOLOGICAL SCIENCES. vol.271; p.2035-2042.

PILASTRO A.; SIMONATO M.; BISAZZA A.; EVANS J. P.

(2004). Cryptic female preference for colorful males in guppies. EVOLUTION. vol.58; p.665-669.

EVANS J. P.; BISAZZA A.; PILASTRO A.

(2004). Female mating preferences for colourful males in a high predation population of guppies. JOURNAL OF FISH BIOLOGY. vol.65; p.1154-1159.

DADDA M.; BISAZZA A. (2004). Costi e benefici della lateralizzazione cerebrale. Studi condotti sul teleosteo *Girardinus falcatus*. . vol.; p.-.

DADDA M.; BISAZZA A. (2004). Advantages and disadvantages of brain lateralization. The poeciliid fish *Girardinus falcatus* as a model species. . vol.; p.-.

Anno 2003

DADDA M.; SOVRANO V.A.; BISAZZA A.

(2003). Temporal pattern of social aggregation in tadpoles and its influence on the measurement of lateralised response to social stimuli. *PHYSIOLOGY & BEHAVIOR*. vol.78; p.337-341.

PILASTRO A.A.; BENETTON S; BISAZZA A (2003). Female aggregation and male competition reduce the costs of sexual harassment in mosquitofish. *ANIMAL BEHAVIOUR*. vol.65; p.1151-1159.

SOVRANO VA; BISAZZA A.; VALLORTIGARA G (2003). Modularity as a fish (*Xenotoca eiseni*) views it: Conjoining geometric and nongeometric information for spatial reorientation. *JOURNAL OF EXPERIMENTAL PSYCHOLOGY. ANIMAL BEHAVIOR PROCESSES*. vol.29; p.199-210.

BISAZZA A.; DE SANTI A. (2003). Lateralization of aggression in fish. *BEHAVIOURAL BRAIN RESEARCH*. vol.141; p.131-136.

DADDA M.; BISAZZA A. (2003). Costs and benefits of cerebral lateralization. The poeciliid fish *Girardinus falcatus* as a model species. . vol.; p.-.

Anno 2002

PILASTRO A; EVANS JP; SARTORELLI S; BISAZZA A.

(2002). Male phenotype predicts insemination success in guppies. *PROCEEDINGS - ROYAL SOCIETY. BIOLOGICAL SCIENCES*. vol.269; p.1325-1330.

LIPPOLIS G; BISAZZA A.; ROGERS L. J.; VALLORTIGARA G (2002). Lateralization of predator avoidance responses in three species of toads. *LATERALITY*. vol.7; p.163-183.

DE SANTI A; BISAZZA A.; VALLORTIGARA G. (2002). Complementary left and right eye use during predator inspection and shoal-mate scrutiny in minnows. *JOURNAL OF FISH BIOLOGY*. vol.60; p.1116-1125.

BISAZZA A.; DE SANTI A; BONSO S.; SOVRANO V.A. (2002). Frogs and toads in front of a mirror: lateralisation of response to social stimuli in tadpoles of five anuran species. *BEHAVIOURAL BRAIN RESEARCH*. vol.134; p.417-424.

SOVRANO V.A.; BISAZZA A.; VALLORTIGARA G (2002). Modularity and spatial reorientation in a simple mind: Encoding of geometric and nongeometric properties of a spatial environment by fish. *COGNITION*. vol.8; p.51-59.

VALLORTIGARA G; BISAZZA A. (2002). How ancient is brain lateralization. *Comparative*

vertebrate lateralization. vol.; p.9-69.

Anno 2001

BISAZZA A.; VACCARI G.; PILASTRO A.A.

(2001). Female mate choice in a mating system dominated by male sexual coercion. BEHAVIORAL ECOLOGY. vol.12; p.54-69.

SOVRANO V.A.; BISAZZA A.; VALLORTIGARA G. (2001). Lateralization of response to social stimuli in fishes: a comparison between different methods and species. PHYSIOLOGY & BEHAVIOR. vol.74; p.237-244.

BISAZZA A.; SOVRANO V.A.; VALLORTIGARA G. (2001). Consistency among different tasks of left-right asymmetries in lines of fish originally selected for opposite direction of lateralization in a detour task. NEUROPSYCHOLOGIA. vol.39; p.1077-1085.

DE SANTI; A.; SOVRANO; V.A.; BISAZZA A.; VALLORTIGARA; G (2001). Mosquitofish display differential left- and right-eye use during mirror-image scrutiny and predator-inspection responses. ANIMAL BEHAVIOUR. vol.61; p. 305-310.

LIPPOLIS G.; A. BISAZZA; VALLORTIGARA G (2001). Lateralization of ventral fins use during object exploration in the blue gourami (*Trichogaster trichopterus*). PHYSIOLOGY & BEHAVIOR. vol.72; p.575-578.

Anno 2000

BISAZZA A.; MANFREDI S.; PILASTRO A.A. (2000). Sexual competition, coercive mating and mate assessment in the one-sided livebearer, *Jenynsia multidentata*. Are they predictive of sexual dimorphism?. ETHOLOGY. vol.106; p.1-19.

BISAZZA A.; PILASTRO A.A. (2000). Variation of female preference for male coloration in the eastern mosquitofish *Gambusia holbrooki*. BEHAVIOR GENETICS. vol.30; p.207-212.

DE SANTI A.; CAPPELLETTI M; BISAZZA A.; VALLORTIGARA G. (2000). Prior exposure to the predator influences laterality of cooperative predator inspection in the guppy, *Poecilia reticulata*. THE ITALIAN JOURNAL OF ZOOLOGY. vol.67; p.175-178.

BISAZZA A.; CANTALUPO C.; CAPOCCHIANO M.; VALLORTIGARA G. (2000). Population lateralization and social behaviour: A study with sixteen species of fish. LATERALITY. vol.5; p.269-284.

BISAZZA A.; FACCHIN L.; VALLORTIGARA G (2000). Heritability of lateralization in fish: Concordance of right-left asymmetry of detour responses between parents and offspring.

NEUROPSYCHOLOGIA. vol.38; p.907-912.

BISAZZA A.; PILASTRO A. (2000). Genetic variation of female preference for male coloration in the eastern mosquitofish. BEHAVIOR GENETICS. vol.30; p.207-212.

Anno 1999

A. PILASTRO; BISAZZA A.

(1999). Insemination efficiency of two alternative male mating tactics in the guppy (*Poecilia reticulata*).. PROCEEDINGS - ROYAL SOCIETY. BIOLOGICAL SCIENCES. vol.266; p.1887-1892.

VALLORTIGARA G.; ROGERS L.J.; A. BISAZZA (1999). Possible evolutionary origins of cognitive brain lateralization.. BRAIN RESEARCH REVIEWS. vol.30; p.164-175.

FACCHIN L.; A. BISAZZA; VALLORTIGARA G (1999). What causes lateralization of detour behaviour in fish? Evidence for asymmetries in eye use.. BEHAVIOURAL BRAIN RESEARCH. vol.103; p.229-234.

A. BISAZZA; DE SANTI A; VALLORTIGARA G (1999). Laterality and cooperation: mosquitofish move closer to a predator when the companion is on the left side.. ANIMAL BEHAVIOUR. vol.57; p.1145-1149.

SOVRANO V A; RAINOLDI C; A. BISAZZA; VALLORTIGARA G. (1999). Roots of brain specializations: preferential left-eye use during mirror-image inspection in six species of teleost fish. BEHAVIOURAL BRAIN RESEARCH. vol.106; p.175-180.

Anno 1998

Giorgio Bertorelle, Angelo Bisazza, Andrea Marconato (1998). Computer Simulation Suggests that the Spatial Distribution of Males Influences Female Visiting Behaviour in the River Bullhead. ETHOLOGY. vol.103; p.999-1014.

A. BISAZZA; ROGERS L.J.; VALLORTIGARA G (1998). The Evolution of Cerebral Asymmetry: A review of evidence of behavioural and brain lateralization in Fishes, Reptiles and Amphibians.. NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS. vol.22; p.411-426.

A. BISAZZA; FACCHIN L; PIGNATTI R.; VALLORTIGARA G. (1998). Lateralization of detour behaviour in poeciliid fish: the effect of species, gender and sexual motivation.. BEHAVIOURAL BRAIN RESEARCH. vol.91; p.157-164.

A. BISAZZA; ROGERS L.J.; BISAZZA A.; LIPPOLIS G.; ROBINS A. (1998). Complementary right and left hemifield use for predatory and agonistic behaviour in toads. NEUROREPORT.

vol.9; p.3341-3344.

ROBINS, A.; LIPPOLIS, G.; A. BISAZZA; ROGERS, L.J.; VALLORTIGARA, G. (1998). Lateralized aggressive responses and hindlimb use in toads. ANIMAL BEHAVIOUR. vol.56; p.875-881.

Anno 1997

A Bisazza,R Pignatti,G Vallortigara (1997). Detour tests reveal task- and stimulus-specific behavioural lateralization in mosquitofish (*Gambusia holbrooki*). BEHAVIOURAL BRAIN RESEARCH. vol.89; p.237-242.

A. BISAZZA; GRAPPUTO A.; NIGRO L. (1997). Evolution of reproductive strategies and male sexual ornaments in poeciliid fishes as inferred by mitochondrial 16S rRNA gene phylogeny.. ETHOLOGY ECOLOGY & EVOLUTION. vol.9; p.55-67.

A. PILASTRO; GIACOMELLO E; BISAZZA A (1997). Sexual selection for small size in male mosquitofish (*Gambusia holbrooki*). PROCEEDINGS - ROYAL SOCIETY. BIOLOGICAL SCIENCES. vol.264; p.1125-1129.

A. BISAZZA; CANTALUPO C.; ROBINS A.; ROGERS L.J.; VALLORTIGARA G. (1997). Pawedness and motor asymmetries in toads.. LATERALITY. vol.2; p.49-64.

A. BISAZZA; PILASTRO A (1997). Small male mating advantage and the reverse dimorphism in poeciliid fishes. JOURNAL OF FISH BIOLOGY. vol.50; p.397-406.

A. BISAZZA; CANTALUPO C.; VALLORTIGARA G. (1997). Lateral asymmetries during escape behaviour in a specie of teleost fish (*Jenynsia lineata*).. PHYSIOLOGY & BEHAVIOR. vol.61; p.31-35.

A. BISAZZA (1997). Sexual selection constrained by internal fertilization in the livebearing fish *Xenotoca eiseni*. ANIMAL BEHAVIOUR. vol.54; p.1347-1355.

A. BISAZZA; VALLORTIGARA G. (1997). Rotational swimming preferences in Mosquitofish: Evidence for brain lateralization?. PHYSIOLOGY & BEHAVIOR. vol.62; p.1405-1407.

A. BISAZZA; PIGNATTI R.; VALLORTIGARA G. (1997). Laterality in detour behaviour: Interspecific variation in poeciliid fishes. ANIMAL BEHAVIOUR. vol.54; p.1273-1281.

Anno 1996

Angelo Bisazza,Nicola Novarini,Andrea Pilastro (1996). Male body size and malemale

competition: Interspecific variation in poeciliid fishes. THE ITALIAN JOURNAL OF ZOOLOGY. vol.63; p.365-369.

Angelo Bisazza; Giorgio Vallortigara (1996). Rotational Bias in Mosquitofish (*Gambusia holbrooki*): The Role of Laterality and Sun-compass Navigation. LATERALITY. vol.1; p.161-175.

Claudio Cantalupo, Angelo Bisazza, Giorgio Vallortigara (1996). Lateralization of displays during aggressive and courtship behaviour in the Siamese fighting fish (*Betta splendens*). PHYSIOLOGY & BEHAVIOR. vol.60; p.249-252.

Anders Berglund, Angelo Bisazza, Andrea Pilastro (1996). Armaments and ornaments: an evolutionary explanation of traits of dual utility. BIOLOGICAL JOURNAL OF THE LINNEAN SOCIETY. vol.58; p.385-399.

A Bisazza, A PILASTRO, R PALAZZI, G MARIN (1996). Sexual behaviour of immature male eastern mosquitofish: a way to measure intensity of intra-sexual selection?. THE ITALIAN JOURNAL OF ZOOLOGY. vol.48; p.726-737.

A. BISAZZA; CANTALUPO C; ROBINS A; ROGERS LJ; VALLORTIGARA G. (1996). Right-pawedness in toads.. NATURE. vol.379; p.408-408.

Anno 1995

E. Zulian, A. Bisazza, G. Marin (1995). Variations in male body size in natural populations of *Gambusia holbrooki*. ETHOLOGY ECOLOGY & EVOLUTION. vol.7; p.1-10.

A. Bisazza, G. Marin (1995). Sexual selection and sexual size dimorphism in the eastern mosquitofish *Gambusia holbrooki* (Pisces Poeciliidae). ETHOLOGY ECOLOGY & EVOLUTION. vol.7; p.169-183.

Claudio Cantalupo, Angelo Bisazza, Giorgio Vallortigara (1995). Lateralization of predator-evasion response in a teleost fish (*Girardinus falcatus*). NEUROPSYCHOLOGIA. vol.33; p.1637-1646.

Anno 1993

Angelo Bisazza (1993). Male competition, female mate choice and sexual size dimorphism in poeciliid fishes. MARINE BEHAVIOUR AND PHYSIOLOGY. vol.23; p.257-286.

Elsa Zulian, Angelo Bisazza, Guglielmo Marin (1993). Determinants of size in male eastern mosquitofish (*Gambusia holbrooki*): Inheritance and plasticity of a sexual selected character. BOLLETTINO DI ZOOLOGIA. vol.60; p.317-322.

A. Marconato, A. Bisazza, M. Fabris (1993). The cost of parental care and egg cannibalism in the river bullhead, *Cottus gobio* L. (Pisces, Cottidae). *BEHAVIORAL ECOLOGY AND SOCIOBIOLOGY*. vol.32; p.-.

Anders Berglund, Carin Magnhagen, Angelo Bisazza, Barbara König, Felicity Huntingford (1993). Female female competition over reproduction. *BEHAVIORAL ECOLOGY*. vol.4; p.184-187.

Anno 1991

A BISAZZA; G MARIN (1991). Male size and female mate choice in the eastern mosquitofish (*Gambusia holbrooki*: Poeciliidae). *COPEIA*. vol.1991; p.728-733.

Anno 1989

Angelo Bisazza, Andrea Marconato, Guglielmo Marin (1989). Male competition and female choice in *Padogobius martensi* (Pisces, Gobiidae). *ANIMAL BEHAVIOUR*. vol.38; p.406-413.

A. Marconato, A. Bisazza, G. Marin (1989). Correlates of male reproductive success in *Padogobius martensi* (Gobiidae). *JOURNAL OF FISH BIOLOGY*. vol.34; p.889-899.

Angelo Bisazza, Andrea Marconato, Guglielmo Marin (1989). Male Mate Preferences in the Mosquitofish *Gambusia holbrooki*. *ETHOLOGY*. vol.83; p.335-343.

Anno 1988

Angelo Bisazza, Andrea Marconato (1988). Female mate choice, male-male competition and parental care in the river bullhead, *Cottus gobio* L. (Pisces, Cottidae). *ANIMAL BEHAVIOUR*. vol.36; p.1352-1360.

A. Marconato, A. Bisazza (1988). Mate choice, egg cannibalism and reproductive success in the river bullhead, *Cottus gobio* L.. *JOURNAL OF FISH BIOLOGY*. vol.33; p.905-916.

Anno 1986

Andrea Marconato, Angelo Bisazza (1986). Males whose nests contain eggs are preferred by female *Cottus gobio* L. (Pisces, Cottidae). *ANIMAL BEHAVIOUR*. vol.34; p.1580-1582.

Anno 1984

M. C. Appleby, Helen E. McRae, I. J. H. Duncan, A. Bisazza (1984). Choice of social conditions by laying hens. *BRITISH POULTRY SCIENCE*. vol.25; p.111-117.

Anno 1982

Angelo Bisazza (1982). Hereditary differences in social behaviour of male mice (*Mus musculus* L.). *BOLLETTINO DI ZOOLOGIA*. vol.49; p.207-211.

Anno 1981

Angelo Bisazza (1981). Social organization and territorial behaviour in three strains of mice. *BOLLETTINO DI ZOOLOGIA*. vol.48; p.157-167.

Anno 1980

Angelo Bisazza (1980). Sound communication between male and female mice: Preliminary report. *BOLLETTINO DI ZOOLOGIA*. vol.47; p.125-127.

Anno 1979

Angelo Bisazza (1979). A comparison of aggressive behaviour in isolated and dominant male mice. *BOLLETTINO DI ZOOLOGIA*. vol.46; p.63-66.

Anno 1978

Angelo Bisazza (1978). Development of Aggressive Behaviour in the Mouse (*Mus Musculus*): Effects of Different Environmental Conditions. *BOLLETTINO DI ZOOLOGIA*. vol.45; p.353-357.