

A

- Abe, W., 2004. A New Species of the Genus *Hypsibius* (Tardigrada: Parachela: Hypsiibiidae) from Sakhalin Island, Far East Russia. **Zoological Science** 21: 957 - 962
- Abe, W., 2005. *Insuetifurca austronipponica*, a new Tardigrade (Eutardigrada: Macrobiotidae) from Kagoshima, Southern Japan, **Zoological Science** 22: 1295 - 1299
- Abe, W. and Ito, M., 1994. *Itaquascon globuliferum*, a New Species of Tardigrada (Eutardigrada: Hypsiibiidae) from Japan. **Proc. Japan. Soc. Syst. Zool.**, 51: 8 - 11
- Abe, W., Ito, M. and Amano, H., 1993. Depth distribution of Tardigrades in *Tsuga densiflora* forest at Juumonji-touge, Chichibu Mountains. *Proceedings of the 16th Annual Meeting of the Japanese Society of Soil Zoology. May 15-16, 1993*, Gumma: 21 (In Japanese)
- Abe, W., Ito, M. and Takeda, M., 2000. First record of *Echiniscus hoonsooi* (Tardigrada: Echiniscidae) from Japan. **Species Divers**, 5: 103 - 110
- Abe, W. and Takeda, M., 2000. A new record of *Cornechiniscus madagascariensis* Maucci, 1993 (Tardigrada: Echiniscidae) from India. **Proc. Biol. Soc. Washington**, 113: 480 - 485
- Abe, W. and Takeda, M., 2000. A new *Calcarobiotus* (Tardigrada: Macrobiotidae) from the Imperial Palace of Japan. **Zool. Sci.**, 17: 259 - 263
- Abe, W. and Takeda, M., 2000. Tardigrades from the Imperial Palace of Japan. **Mem. Natl. Sci. Mus., Tokyo**, 35: 165 - 177
- Abe, W. and Takeda, M., 2005. Tardigrade fauna of the Tokiwamatsu Imperial Villa, Tokyo, Japan. **Mem. Natl. Sci. Mus., Tokyo**, 39: 503 - 510
- Abe, W., Utsugi, K. and Takeda, M., 1998. *Pseudechiniscus asper*, a new Tardigrada (Heterotardigrada: Echiniscidae) from Hokkaido, northern Japan. **Proc. Biol. Soc. Washington** 111: 843 - 848
- Addabbo Gallo, M. D., Morone De Luca, M. R., Grimaldi De Zio, S. and Grimaldi, P., 1978. Nuovi dati sui Tardigradi del Mesopsammon delle coste pugliesi. **Thalassia Salentia**, 8: 63 - 66
- Adler, M., 1987. Moosbewohnende Tardigraden von Stuttgart-Hohenheim. **Jh. Ges. Naturde. Württ.**, 142: 197 - 200
- Alpert, P., 2005. The limits and frontiers of desiccation-tolerant life. **Integr. Comp. Biol.**, 45: 685 - 695
- Alpert, P., 2006. Constraints of tolerance: why are desiccation-tolerant organisms so small or rare? **The journal of Experimental Biology**, 209: 1575 - 1584
- Altiero, T. and Rebecchi, L., 2001. Rearing tardigrades: results and problems. In **Zool. Anz.**, 240: 217 - 221
- Altiero, T. and Rebecchi, L., 2003. First evidence of achiasmatic male meiosis in the water bears *Richtersius coronifer* and *Macrobiotus richtersi* (Eutardigrada, Macrobiotidae). **Hereditas** 139: 116 - 120
- Altiero, T., Rebecchi, L. and Bertolani, R., 2006. Phenotypic variations in life history of clones of *Macrobiotus richtersi* (Eutardigrada, Macrobiotidae). **Hydrobiologia**, 558: 33 - 40
- Ammann, J., 1908. Beitrag zur Kenntnis schweizerischer Tardigraden. Inaugural-Dissertation, Bern.
- Ammermann, D. 1962., Parthenogenese bei dem Tardigraden *Hypsibius dujardini* (Doy.). **Die Naturwissenschaften**, 49: 115 - 116

- Ammermann, D.* 1967., Die Cytologie der Parthenogenese bei dem Tardigraden *Hypsibius dujardini*. **Chromosoma**, 23: 203 - 216
- Ammermann, D. and Bosse, C.*, 1968. Wasserbären. **Mikrokosmos**, 57: 24 - 27
- Anselme-Moizan, M. N.*, 1968. Contribution à l'étude d'un tardigrade marin *Stygarctus bradypus* Schulz, 1951. Dipl. Et. Sup., Paris VI, pp. 1 - 35
- Arcidiacono, R.*, 1962. Contributo alla conoscenza dei Tardigradi dei Monti Nebrodi e descrizione di una nuova specie di *Itaquascon*. **Boll. Accad. Gioenia Sci. nat. Catania**, V. IV, VII, 3: 123 - 134
- Arcidiacono, R.*, 1964. Secondo contributo alla conoscenza dei Tardigradi dei Monti Nebrodi. **Boll. Accad. Gioenia Sci. nat. Catania**, S. IV, VIII, 3: 187 - 203
- Argue, C. W.*, 1971. Some terrestrial tardigrades from New Brunswick, Canada. **Can. J. Zool.** 49: 401 - 415
- Argue, C. W.*, 1972. Tardigrades from New Brunswick, Canada. 2. **Can. J. Zool.** 50: 87 - 94
- Argue, C. W.*, 1974. Tardigrades from New Brunswick, Canada. 3. **Can. J. Zool.** 52: 919 - 992
- Avdonina, A. M.*, 2006. Tardigrade fauna of the region between Oka and Volga rivers (Russia) and patterns of their distribution in substrates and habitats. **Hydrobiologia** 58: 105 - 109
- Avdonina, A. M. and Biserova, N. M.*, 2003. The morpho-functional characteristics of the foregut and midgut of *Isohypsibius prosostomus* Thulin, 1928. (Eutardigrada) in connection with the peculiarities of food. **Biol. Inland Waters**, 3: 45 - 53 (in Russian)
- Avdonina, A. M., Biserova, N. M., Bertolani, R. and Rebecchi, L.*, 2007. Ultrastructure of the digestive system of *Ramazzottius tribulosus* and *Macrobotus richtersi* (Eutardigrada) in relationship with diet. *Proceedings of the Tenth International Symposium on Tardigrada*. **J. Limnol.**, 66 (Suppl. 1) : 5 - 11

B

- Baccetti, B.* 1987. The evolution of the sperm cell in the phylum Tardigrada (Electron microscopy of Tardigrades 5). Pages 87 - 91 In: R. Bertolani, editor. Biology of Tardigrades. Selected Symposia and Monographs U.Z.I., 1. Mucci, Modena, Italy
- Baccetti, B. and Rosati, F.*, 1969. Electron Microscopy on Tardigrades I. Connective tissue. **J. Submicr. Cytol.**, 1: 197 - 205
- Baccetti, B. and Rosati, F.*, 1971. Electron Microscopy on Tardigrades III. The Integument. **Journ. Ultrastruct. Res.**, 34: 214 - 243
- Baccetti, B., Rosati, F. and Selmi, G.*, 1971. Electron Microscopy of Tardigrades. 4. The spermatozoan. **Monitore Zoologico Italiano** 5: 231-240
- Barnes, J. A.*, 1974. Tardigrades from Rutherford County, Tennessee. Unpublished Master's Thesis, Middle Tennessee State University, Murfreesboro.
- Barrett, C. W. and Kimmel, R. G.*, 1972. Effects of DDT on the density and diversity of Tardigrades. **Proc. Iowa Acad. Sc.**, 78: 41 - 42
- Barron, G. L., Morikawa, C. and Saikawa, M.*, 1990. New *Cephaliphora* species capturing rotifers and tardigrades. **Can. J. Bot.**, 68: 685 - 690
- Barros, R. de*, 1938. *Macrobotus evelinae* nova espécie dos Tardigrados. **Bol. Biol. S. Paulo (N.S.)**, 3: 52 - 54
- Barros, R. de*, 1939. *Pseudechiniscus juanita* nova espécie de Tardigrado. **Bol. Biol. S. Paulo (N.S.)**, 4: 367 - 368

- Barros, R. de, 1939. *Itaquascon umbellinae* gen. nov. spec. nov (Tardigrada, Macrobiotidae). **Zool. Anz.** 128: 106 - 109
- Barros, R. de 1942. Tardigrados de Estado de Sao Paulo, Brasil. I. Introducao. Generos *Echiniscus* e *Pseudechiniscus*. **Rev Brasil Biol.**, 2; 257 - 269
- Barros, R. de 1942. Tardigrados de Estado de Sao Paulo, Brasil. II. Gênero *Macrobiotus*. **Rev. Brasil Biol.**, 2: 373 - 386
- Barros, R. de 1943. Tardigrados de Estado de Sao Paulo, Brasil. III. Gêneros *Hypsibius*, *Itaquascon* e *Milnesium*. **Rev Brasil Biol.**, 3: 1 - 10
- Barros, R. and Da Chuna, A. X., 1937. Liste de quelques Tardigrades de Coimbre. XIIth Int. Congress Zool., Lisbon 1935, 12: 1553 - 1554
- Bartels, P. J. and Nelson, D. R., 2006. A large-scale, multihabitat inventory of the Phylum Tardigrada in the Great Smoky Mountains National Park, USA: a preliminary report. **Hydrobiologia**, 558: 111 - 118
- Bartels, P. J. and Nelson, D. R., 2007. An evaluation of species richness estimators for tardigrades of the Great Smoky Mountains National Park, Tennessee and North Carolina, USA. *Proceedings of the Tenth International Symposium on Tardigrada J. Limnol.*, 66 (Suppl. 1): 104 - 110
- Bartels, P. J., Nelson, D. R., Kaczmarek, L. and Michalczyk, L., 2007. *Doryphoribius smokiensis*, a new species of Eutardigrada (Hypsibiidae) from Great Smoky Mountains National Park, TN, USA (North Amerika). **Zootaxa**, 1646: 59 - 65
- Bartels, P. J., Nelson, D. R., Kaczmarek, L. and Michalczyk, L., 2008. Three new species and one new record of the genus *Doryphoribius* Pilato, 1969. (Tardigrada: Eutardigrada: Hypsibiidae) from Great Smoky Mountains National Park (Tennessee, USA). **Journal of Natural History**, 42: 2595 - 2608
- Bartos, E., 1933. Tardigrada z Liptovských Holi a z Choce. **Příroda**, 26: 1 - 5
- Bartos, E., 1934. Príspevek k Poznani Tardigrad Csr. Cas. Cs. **Spol. Ent.** 31: 50 - 58, 99 - 107
- Bartos, E., 1934. Eine neue Tardigradenart aus der Tschechoslowakei. **Zool. Anz.**, 106: 175 - 176
- Bartos, E., 1934. Asymetrické formy druhu *Echiniscus trisetosus* Cuénot a jejich význam pro stanoveni retezen druhových. **Příroda** 27: 1 - 4
- Bartos, E., 1935. Neue *Echiniscus*-Arten der nördlichen Slowakei. **Zool. Anz.**, 111: 139 - 143
- Bartos, E., 1935. Vier neue *Hypsibius*arten aus der Tschecho-slowakei. **Zool. Anz.**, 110: 257 - 260
- Bartos, E., 1935. Tardigrada. Vysokých tater. **Příroda** 28: 1 - 4
- Bartos, E., 1936. Neue Tardigraden-Arten aus dem unter-karpathischen Russland. **Zool. Anz.**, 114: 45 - 48
- Bartos, E., 1936. Wasserbewohnende Tardigraden der Hohen Tatra. **Zool. Anz.**, 113: 45 - 47
- Bartos, E., 1937. Eine neue Tardigraden-Art aus Böhmen. **Zool. Anz.**, 120: 27 - 29
- Bartos, E., 1937. Eine neue Form von *Hypsibius ornatus* Richters, **Zool. Anz.**, 118: 172 - 173
- Bartos, E., 1937. Tardigrada of Slovakia and Transcarpathia (in Czech). **Bratislava** 11: 250 - 265
- Bartos, E., 1937. Über eine neue Art von *Hypsibius ornatus*, Richters. **Zool. Anz.** 120: 301 - 304

- Bartos, E.*, 1938. Die Tardigraden der Niederen Tatra. **Zool. Anz.**, 122: 189 - 194
- Bartos, E.*, 1938. Die Tardigraden der Tschechoslowakischen Republik. **Zool. Anz.**, 125: 138 - 142
- Bartos, E.*, 1939. Tardigraden aus Böhmen und Slowakei. **Zool. Anz.**, 127: 95 - 101
- Bartos, E.*, 1939. Die Tardigraden der Tschechoslowakischen Republik. **Zool. Anz.**, 125: 138 - 142
- Bartos, E.*, 1939. Die Tardigraden der Umgebung von Rachov (östl. Karpathen). **Vestník Cs. Zool. Spol.**, 5: 27 - 38
- Bartos, E.*, 1940. Über die Variation der art *Hypsibius ornatus* Richt. (Tardigrada). **Zoologische Jahrbücher Abteilung für Systematik** 73: 369 - 384
- Bartos, E.*, 1940. Príspevky k faune Tardigrad Cech. I. Tardigrada pohori brdkého. **Opuscolo, Praga**: 16 - 23
- Bartos, E.*, 1941. Studien über die Tardigraden des Karpathengebietes. **Zool. Jahrb. Abt. Syst.**, 5: 435 - 472
- Bartos, E.*, 1942. Príspevek k faune ceskvch Tardigrad II a III. **Sborník Prirodovědeckého klubu v Brne, ročník XXIV**: 1 - 5
- Bartos, E.*, 1946. Rozbor drobnohledni zvířeng Cesckych mecu (The analysis of the microscopical fauna of the Bohemian mosses). **Vest Cesck. zool. Spolnec, Praze**, 10: 55 - 60
- Bartos, E.*, 1949. Drobnehladna fauna Slovenskch machovi (Microscopical fauna of Slovakian mosses). **Prirod. Sbornik, Bratislava**, 4: 77 - 92
- Bartos, E.*, 1949. Additions to knowledge of moss-dwelling fauna of Switzerland. **Hydrobiologia**, 2: 285 - 295
- Bartos, E.*, 1950. On the Tardigrada from mosses of Jeseniky Mountains. **Sborn, Prir. Spolor. Mor. Ostrave**, 11: 337 - 340
- Bartos, E.*, 1950. Additions to knowledge of moss-dwelling fauna of Switzerland. **Hydrobiologia**, 2: 285 - 295
- Bartos, E.*, 1952. On the areophytic moss fauna of mountains, Beskydy. **Prirod. Sborn. Ostravsk.**, 13: 16 - 165
- Bartos, E.*, 1960. Ergänzungen zur der Tardigradenfauna Böhmens. **Acta Univ. Carolina-Biologica**: 1 - 5
- Bartos, E.*, 1963. Die Tardigraden der chinesischen und javanischen Mossproben. **Vest. Csl. Spol. Zool., Acta Soc. Zool. Bohemoslov.** 27: 108 - 114
- Bartos, E.*, 1967. Zelvusky - Tardigrada. **Fauna CSSR, Praha**, 17: 1 - 190
- Basse, A.*, 1905. Beiträge zur Kenntnis des Baues der Tardigraden. **Ztschr. Wiss. Zool.**, 80: 259 - 281
- Bateman, L. and Collins, M.*, 2001. A preliminary account of the Tardigrades of Newfoundland. **Zool. Anz.**, 240: 223 - 232
- Baumann, H.*, 1920. Mitteilungen zum feineren Bau der Tardigraden. **Zool. Anz.**, 52: 57 - 67
- Baumann, H.*, 1921. Beitrag zur Kenntnis der Anatomie der Tardigraden (*Macrobiotus hufelandi*) **Ztschr. Wiss., Zool.**, 118: 637 - 652
- Baumann, H.*, 1922. Die Anabiose der Tardigraden. **Zool Jahresb.** 45: 501 - 556
- Baumann, H.*, 1927. Bemerkungen zur Anabiose von Tardigraden. **Zool. Anz.** 72: 175 - 179
- Baumann, H.*, 1929. Zur Asphyxie der Tardigraden. **Zool. Anz.**, 86: 44 - 48
- Baumann, H.*, 1960. Beitrag zur Kenntnis der Tardigraden in Nord-America. **Zool. Anz.**, 165: 123 - 128

- Baumann, H., 1961. Der Lebensablauf von *Hypsibius (H.) convergens* Urbanowicz (Tardigrada). **Zoologischer Anzeiger** 167: 362-381
- Baumann, H., 1964. Über den Lebenslauf und Lebensweisen von *Milnesium tardigradum* Doyère (Tardigrada). **Veröff. Überseemus, Bremen** 3: 161 - 171
- Baumann, H., 1966. Lebenslauf und Lebensweise von *Hypsibius (H.) oberhaeuseri* Doyère (Tardigrada). **Veröff. Überseemus, Bremen** 3: 245 - 258
- Baumann, H., 1969. Männchen mit sekundärem Geschlechtsmerkmal in einer Population von *Macrobiotus hufelandi* C.A.S. Schultze (Tardigrada). **Veröff. Überseemus, Bremen**, 4: 1 - 2
- Baumann, H., 1970. Lebenslauf und Lebensweise von *Macrobiotus hufelandi* Schultze (Tardigrada). **Veröff. Überseemus, Bremen**. 4: 29 - 43
- Baxter, W. H., 1982. Some terrestrial Tardigrada of Moor House Nature Reserve: including seven additions to the English fauna. In **Moor House, 19th Ann. Rep.**; 14 - 15. Nature Conservancy Council for England
- Beal, F. E., 1880. Tardigrades and eggs. **Amer. Nat.**, 14 (8): 593 - 594
- Beasley, C. W., 1967. Tardigrades from Kansas. **Trans. Kansas Acad. Sci.**, 70: 464 - 470
- Beasley, C. W., 1968. The tardigrades of Oklahoma, with additional records from other states and Mexico. Ph. D. Dissertation. University of Oklahoma, Norman, Oklahoma, U. S. A.; 128 pp
- Beasley, C. W., 1972. Some Tardigrades from Mexico. **Southwest. Natur.** 17: 21 - 29
- Beasley, C. W., 1978. The Tardigrades of Oklahoma. **Am. Midl. Nat.**, 99: 128 - 141
- Beasley, C. W., 1981. Some Tardigrada from Puerto Rico. **The Texas Journal of Science**, 33: 9 - 12
- Beasley, C. W., 1988. Altitudinal distribution of Tardigrada of New Mexico with description of a new species. **Amer. Midland. Natur.**, 120: 436 - 440
- Beasley, C. W., 1990. Tardigrada from Gunnison County, Colorado, with the description of a new species, *Diphyscon craigi*. **Southwest. Natur.** 35: 302 - 304
- Beasley, C. W., 1995. The phylum Tardigrada. Third Edition by G. Ramazzotti and W. Maucci, English Translation. Published by the translator Clark Beasley, Abilene, USA, pp 1014
- Beasley, C. W., 1999. A new species of *Echiniscus* (Tardigrada, Echiniscidae) from northern Yunnan Province. **Zool Anz.**, 238: 135 - 138
- Beasley, C. W., 2001. Photokinesis of *Macrobiotus hufelandi* (Tardigrada, Eutardigrada). **Zool. Anz.**, 240: 233 - 236
- Beasley, C. W. and Cleveland, A., 1996. Tardigrada from southern Yunnan Province, People's Republic of China. **Zoological Journal of the Linnean Society, London**, 116: 239 - 243
- Beasley, C. W., Kaczmarek, L. and Michalczyk, L., 2006. New records of tardigrades from China, with zoogeographical remarks. **Biological Lett.** 43: 3 - 10
- Beasley, C. W., Kaczmarek, L. and Michalczyk, L., 2006. Redescription of *Doryphoribius vietnamensis* (Iharos, 1969) comb. nov. on the basis of the holotype and additional material from China. **Acta Zool Acad Sci Hung.** 52: 367 - 372
- Beasley, C. W., Kaczmarek, L. and Michalczyk, L., 2008. *Doryphoribius mexicanus*, a new species of Tardigrada (Eutardigrada, Hypsibiidae) from Mexico (North America). **Proc. Biol. Soc. Wash.**, 121: 34 - 40
- Beasley, C. W. and Miller, W. R., 2007. Tardigrada of Xinjiang Uygur Autonomus region, China. Proceedings of the Tenth International Symposium on Tardigrada. **J. Limnol.**, 66 (Suppl1): 49 - 55

- Beasley, C. W. and Pilato, G., 1987. Two new species of *Doryphoribius* (Eutardigrada, Hypsibiidae) from North America. **Animalia, Catania** 14: 99 - 105
- Beier, S. and Traunspurger, W., 2003. Temporal dynamics of meiofauna communities in two small submountain carbonate streams with different grain size. **Hydrobiologia**, 498: 107 - 131
- Bellido, A. and Bertrand, M., 1981. *Echiniscoides travei* n. sp., un Tardigrade marin des îles Kerguelen (Heterotardigrada). **Bull. Mus. natn. Hist. nat., Paris** 3: 789 - 798
- Bello, G. and Grimaldi de Zio, S., 1998. Phylogeny of the genera of the *Stygarctidae* and related families. (Tardigrada: Heterotardigrada). **Zool. Anz.**, 237: 171 - 183
- Benoit, T. G., Locke, J., Marks, J. R. and Beasley, C. W., 2000. Laboratory transmission of *Xanthomonas campestris* pv. *raphani* by a tardigrade (Parachela: Macrobiotidae). **Florida Entomologist** 83: 197 - 199
- Berg, M., Ruiter, P. de, Didden, W., Janssen, M., Schouten, T. and Verhoef, H., 2001. Community food web, decomposition and nitrogen mineralisation in a stratified Scots pine forest soil. **Oikos** 94: 130 - 142
- Bergström, J., 1986. Metazoan evolution - a new model. **Zoologica Scripta**, 15: 189 - 200
- Bergström, J. and Hou, X.-G., 2001. Cambrian Onychophora or Xenusians. **Zool. Anz.**, 240: 237 - 245
- Berthold, A., Bruckner, A. and Kampichler, C., 1999. Improved quantification of active soil microfauna by a "counting crew". **Biol. Fertil Soil.** 28: 352 - 355
- Bernard, E. C., 1977. A new species of *Hexapodibius* from North America, with a redescription of *Diphascon belgicae* (Tardigrada). **Trans. Am. Microsc. Soc.** 96 (4): 476 - 482
- Bertolani, M., 1940. Tardigradi delle provincie di Modena e Reggio Emilia. **Atti Soc. Nat. Mat. Modena** 71: 3 - 9
- Bertolani, M., 1940. Contributo alla conoscenza dei Tardigradi del Trentino. **Studi Trent. Sci. Nat.**, 21: 191 - 196
- Bertolani, M., 1941. Contributo alla conoscenza dei Tardigradi d'Italia. **Boll. Zool.**, 12: 57 - 66
- Bertolani, M., 1943. Nuovo contributo alla conoscenza dei Tardigradi d'Italia. **Monitore Zool. Ital.**, 54: 1 - 4
- Bertolani, M., 1946. Ulteriore contributo alla conoscenza dei Tardigradi italiani. **Atti Soc. Tosc. Sc. Nat.**, 54: 1 - 4
- Bertolani, R., 1970. Mitosi somatiche e costanza cellulare numerica nei Tardigradi. **Rendiconti Accademia Nazionale Lincei, Ser. 8** 48: 739 - 742
- Bertolani, R., 1970. Variabilità numerica cellulare in alcuni tessuti dei Tardigradi. **Rend. Acc. Naz. Lincei Ser 8, 49**: 442 - 445
- Bertolani, R., 1971. Rapporto-sessi e dimorfismo sessuale in *Macrobiotus* (Tardigrada). **Rend. Acc. Naz. Lincei, Ser. 8, 50**: 377 - 382
- Bertolani, R., 1971. Partenogenesi geografica triploide in un Tardigrado (*Macrobiotus richtersi*) **Rend. Acc. Naz. Lincei, Ser. 8, 50**: 487 - 489
- Bertolani, R., 1971. Osservazioni carilogiche su biotipi bisessuati e partenogenetici in *Hypsibius oberhaeuseri* (Tardigrada). **Atti Acc. Naz. Lincei Rend., Ser. 8, 51**: 411 - 413
- Bertolani, R., 1971. Contributo alla carilogia dei Tardigradi. Osservazioni su *Macrobiotus hufelandi*. **Atti. Accad. Naz. Lincei, Rend. Ser. 8, 50**: 772 - 775
- Bertolani, R., 1971. Rapporto-sessi e partenogenesi geografica nei Tardigradi. **Boll. Zool.**, 38:

- Bertolani, R.*, 1972. Osservazioni cariologiche su alcuni *Macrobotus* (Tardigrada). **Rend. Acc. Naz. Lincei, Ser. 8**, 52: 220 - 224
- Bertolani, R.*, 1972. La partenogenesi nei Tardigradi. **Boll. Zool.**, 39: 577 - 581
- Bertolani, R.*, 1972. Sex Ratio and Geographic Parthenogenesis in *Macrobotus* (Tardigrada). **Experientia**, 28: 94
- Bertolani, R.*, 1973. Presenza di un biotipo partenogenetico e suo effetto sul rapporto-sessi in *Macrobotus hufelandi* (Tardigrada). **Atti Accad. Naz. Lincei, Rend. Ser. 8** 54: 469 - 473
- Bertolani, R.*, 1973. Primo caso di una popolazione tetraploide nei Tardigradi. **Atti. Acad. Naz. Lincei, Rend., Ser. 8**, 55: 571 - 574
- Bertolani, R.*, 1975. Cytology and systematics in Tardigrada. **Mem. Ist. Ital. Idrobiol.**, 32 Suppl. 17 - 35
- Bertolani, R.*, 1976. Osservazioni cariologiche su *Isohypsibius augusti* (Murray, 1907) e *I. megalonyx* Thulin, 1928 (Tardigrada) e ridescrizione delle due specie. **Boll. Zool.**, 43: 221 - 234
- Bertolani, R.*, 1979. Hermaphroditism in tardigrades. **International Journal of Invertebrate Reproduction**, 1: 67 - 71
- Bertolani, R.*, 1979. Parthenogenesis and cytotaxonomy in *Itaquasconinae* (Tardigrada). **Zesz. Nauk. U. J., Zool.**, 25: 9 - 18
- Bertolani, R.*, 1981. A new genus and five new species of Italian fresh-water tardigrades. **Bollettino del Museo Civico di storia Naturale, Verona** 114: 249 - 254
- Bertolani, R.*, 1981. The taxonomic position of some eutardigrades. **Boll. Zool.**, 48: 197 - 203
- Bertolani, R.*, 1982. 15. Tardigradi. Guide per il riconoscimento delle specie animali delle acque interne Italiane. **Consiglio Nazionale Delle Ricerche, Verona, Italy**. 104 pp.
- Bertolani, R.*, 1982. Cytology and reproductive mechanisms in Tardigrades. Pages 93 - 114. In: D. Nelson, editor. Proceedings of the Third International Symposium on the Tardigrada. East Tennessee State University Press, Johnson City.
- Bertolani, R.*, 1983. Tardigradi muscicoli delle dune costiere italiane, con descrizione di una nuova specie. **Atti Soc. Toscana Sci. nat Mem., Ser. B** 90: 139 - 148
- Bertolani, R.*, 1983. 17. Tardigrada. Oogenesis, Ovoposition and Oosorption. In. K. G. Adiyodi and R. G. Adiyodi (eds): Reproductive biology of invertebrates, Vol. 1: 431 - 441. John Wiley & Sons, Chichester
- Bertolani, R.*, 1983. 19. Tardigrada. Spermatogenesis and Sperm Function. In. K. G. Adiyodi and R. G. Adiyodi (eds): Reproductive biology of invertebrates, Vol. 2: 387 - 396. John Wiley & Sons, Chichester
- Bertolani, R.* 1987. Sexuality, reproduction, and propagation in Tardigrades. Page 93 - 101 in: R. Bertolani, editor. Biology of Tardigrades. Selected Symposia and Monographs U. Z. I., 1. Mucci, Modena, Italy
- Bertolani, R.*, 1987. Biology of Tardigrades (Proceedings of the Fourth International Symposium on the Tardigrada, Modena, Italy, September 3 - 5, 1985). **Selected Symposia and Monographs. U. Z. I. Modena: Mucchi**, pp. 1 - 380
- Bertolani, R.* 1988. Tardigradi delle acque dolci, con riferimento ai corsi d'acqua della Lunigiana e della Garfagnana. **Boll. Mus. St. Nat. Lunigiana**, 6 - 7: 133 - 138
- Bertolani, R.*, 1990. Tardigrada. In: Reproductive Biology of Invertebrates, Vol. 4, part B, K.G. and R.G. Adiyodi eds., Oxford & IBH, New Delhi: 49 - 60

- Bertolani, R., 1992. Tardigrada. In: Adiyodi, K. G., Adiyodi, R. G., eds. Reproductive Biology of Invertebrates. Volume V: Sexual differentiation and behaviour. Chichester: John Wiley: 255 - 266
- Bertolani, R., 1994. Tardigrada. In: Adiyodi, K. G. and Adiyodi, R. G. (eds), Reproductive biology of invertebrates. Asexual propagation and reproductive strategies. Vol. IV, Part B. Oxford & IBH Publishing Co, New Delhi: 25 - 37
- Bertolani, R., 2001. Evolution of the reproductive mechanisms in tardigrades. A review. **Zool. Anz.**, 240: 247 - 252
- Bertolani, R. 2002. First record of tardigrades within hypogean caves. **Boll. Accad. Gioenia Sci. Nat., Catania**, 35: 649 - 654
- Bertolani, R. 2003. *Thulinia*, new generic name substituting for *Thulinia* Bertolani, 1981 (Tardigrada, Eutardigrada). **Zootaxa**, 314: 1 - 4
- Bertolani, R. and Balsamo, M., 1989. Tardigradi e Gastrotrichi del Trentino, il Lago di Tovel. **Studi Trentini di Sci. Nat.**, 65: 83 - 93
- Bertolani, R. and Biserov, V. I., 1996. Leg and claw adaptations in soil tardigrades, with erection of two new genera of Eutardigrada, Macrobiotidae: *Pseudohexapodibius* and *Xerobiotus*. **Invertebr. Biol.**, 115: 299 - 304
- Bertolani, R. and Buonagurelli, G. P., 1975. Osservazioni carilogiche sulla partenogenesi meiotica di *Macrobiotus dispar* (Tardigrada). **Rend. Acc. Naz. Lincei, Ser. 8**, 53: 782 - 786
- Bertolani, R. and Dematteis, E., 1988. Giuseppe Ramazzotti (1898 - 1986). **Atti. Soc. ital. Sci. nat. Museo civ. Stor. nat. Milano**, 129: 532- 542
- Bertolani, R., Garagna, S., Manicardi, G. C. and Redi, C. A., 1987. *Macrobiotus pseudohufelandi* Iharos as a model for cytotaxonomic study in populations of Eutardigrades (Tardigrada) **Experientia**, 43: 210 - 213
- Bertolani, R., Garagna, S., Manicardi, G. C., Rebecchi, L. and Redi, C. A., 1994. New data on the nuclear DNA content in some species of tardigrades. In: Mastrolia L., ed. Contribution to Animal Biology. Palermo: Halocynthia, 103 - 109
- Bertolani, R. and Grimaldi, D. 2000. A New Eutardigrade (Tardigrada: Milnesiidae) in amber from the Upper Cretaceous (Turonian) of New Jersey. In: Studies on fossils in amber, with particular reference to the Cretaceous of New Jersey. D. Grimaldi (ed.), Backhuys Publishers, Leiden The Netherlands: 103 - 110
- Bertolani, R., Grimaldi de Zio, S., D'Addabbo Gallo, M. & Morone De Lucia, M.R., 1984. Postembryonic development in Heterotardigrades. **Monit. Zool. Ital (N.S.)**, 18: 307 - 320
- Bertolani, R., Guidetti, R., Jönsson, K. I., Altiero, T., Boschini, D. and Rebecchi, L. 2004. Experiences on dormancy in tardigrades. **J. Limnology**, 63 Suppl.: 16-25
- Bertolani, R., Guidetti, R. and Rebecchi, L., 1993. Tardigradi dell'Appennino Umbro-Marchigiano. **Biogeographia** 17: 113 - 124
- Bertolani, R., Guidetti, R. and Rebecchi, L., 1994. Ulteriore contributo alla conoscenza dei Tardigradi di Marche e Umbria. **Atti Società Toscana di scienze Naturali, Memorie, Serie B, Pisa**, 101: 21 - 34
- Bertolani, R., Guidi, A. and Rebecchi, L., 1996. Tardigradi della Sardegna e di alcune piccole isole circum-sarde. **Biogeographia** 18: 229 - 247
- Bertolani, R. and Kinchin, I. M., 1993. A new species of *Ramazzottius* (Tardigrada, Hypsibiidae) in a rain gutter sediment from England. **Zoological Journal of the Linnean Society** 109: 327 - 333

- Bertolani, R. and Kristensen, R. M., 1987. New records of *Eohypsibius nadjae*, Kristensen, 1982, and revision of the taxonomic position of two genera of Eutardigrada (Tardigrada). Selected Symposia and Monographa U. Z. I., 1: 359 - 372
- Bertolani, R. and Mambrini, V., 1977. Cariologia e morfologia di *Macrobiotus hufelandi* (Tardigrada). **Boll. Zool.**, 43: ???
- Bertolani, R. and Mambrini, V., 1977. Analisi cariologica e morfologica di alcune popolazioni di *Macrobiotus hufelandi* della Valsesia. **Atti Accad. naz. Lincei, Rend.** Ser 8 62: 239 - 245.
- Bertolani, R. and Manicardi, G. C., 1986. New cases of hermaphroditism in tardigrades. **Int. J. Inv. Reprod. Develop.**, 9: 363 - 366
- Bertolani, R., Manicardi, G. C. and Gibertoni, D. 1987. Tardigradi della Riserva Naturale di Torricchio e dei Monti Sibillini (Marche, Italia). **La Riserva Naturale di Torricchio** 7: 15 - 34
- Bertolani, R., Marley, N. and Nelson, D.R., 1999. Re-description of the genus *Thulinia* (Eutardigrada, Hypsibiidae) and of *Thulinia augusti* (Murray, 1907) comb. n. **Zool. Anz.**, 238: 139 - 145
- Bertolani, R. and Pilato, G. 1988. Struttura delle unghie nei *Macrobiotidae* e descrizione di *Murrayon* n. gen. (Eutardigrada). **Animalia**, 15: 17 - 24
- Bertolani, R., Pilato, G. and Sabatini, M. A., 1983. *Macrobiotus joannae*, primo *Macrobiotidae* ermafrodito (Eutardigrada). **Animalia**, 10: 327 - 333
- Bertolani, R. and Rebecchi, L. 1988. The Tardigrada of Emilia (Italy). I. Rossena. **Boll. Zool.** 55: 367 - 371
- Bertolani, R. and Rebecchi, L., 1993. A revision of the *Macrobiotus hufelandi* group (Tardigrada, Macrobiotidae), with some observations on the taxonomic characters of eutardigrades. **Zoologica Scripta** 22: 127 - 152
- Bertolani, R. and Rebecchi, L., 1996. The Tardigrades of Emilia (Italy). II. Monte Rondinaio. A multi-habitat study on high altitude valley of the northern Apennines. **Zool. J. Linn. Soc.**, 116: 3 - 12
- Bertolani, R. and Rebecchi, L., 1999. Tardigrada. In: E. Knobil, J.D. Neill (eds.) **Encyclopedia of Reproduction, Academic Press, San Diego, vol. 4: 703 - 718**
- Bertolani, R., Rebecchi, L. and Beccaccioli, G., 1990. Dispersal of *Ramazzottius* and other tardigrades in relation to type of reproduction. **Invertebr. Reprod. Dev.**, 18: 153 - 157
- Bertolani, R., Rebecchi, L. and Claxton, S., 1996. Phylogenetic significance of egg shell variation in tardigrades. - In: Tardigrade Biology (McInnes, S.J. & Norman, D.B., Eds.) **Zool. J. Linn. Soc.**, 116: 139 - 148 London
- Bertolani, R., Rebecchi, L., Jönsson, K.I., Guidetti, R., Borsari, S. and Altiero, T. 2001. Tardigrades as a model for experiences of animal survival in space. **MSSU: Microgravity and Space Station Utilization**, 2: 211- 212
- Bertrand, M., 1975. Répartition des Tardigrades "terrestres" dans le Massif de l'Aigoual. **Vie Millieu, Paris**, 25: 283 - 298
- Bertrand, M., 1975. Les biotopes des Tardigrades "terrestres" dans une hêtreie du Massif de l'Aigoual (Cévennes Méridionales). **Vie Millieu, Paris**, 25: 299 - 314
- Bertrand, M., 1980. *Echiniscus (Echiniscus) merokensis* Richters, 1904 (Tardigrada, Heterotardigrada, Echiniscidae). **Documents pour un Atlas Zoogéographique du Languedoc-Roussillon**. Numéro 14

- Bertrand, M.*, 1981. Contribution à l'étude des tardigrades "terrestres" de Corse. **Bulletin de la Societe des Sciences Historiques et Naturelles de la Corse**, 101: 121 - 127
- Bertrand, M. and Bellido, A.*, 1981. *Echiniscoides travei* n. sp., un Tardigrade marin del Iles Kerguelen (Arthrotardigrada, fam. Orellidae). **Bull. Mus. natn. Hist. nat. Paris 4^e S.**, 3: 789 - 798
- Binda, M. G.*, 1969. Nuovi dati su tardigradi di Sicilia con descrizione di due nuove specie. **Boll. Accad. Gioenia Sci, Nat., Catania**, IX, 9: 623 - 633
- Binda, M. G.*, 1971. Su alcuni Tardigradi muscicoli del Nord-Africa. **Boll. Accad. Gioenia Sci, Nat., Catania**, 10: 759 - 765
- Binda, M. G.*, 1974. Tardigrada della Valtellina. **Animalia** 1: 201 - 216
- Binda, M. G.*, 1978. Risistemazione di alcuni Tardigradi con l'istituzione di un nuovo genere di *Orellidae* e della nuova famiglia *Archechiniscidae*. **Animalia**, 5: 307 - 314
- Binda, M. G.*, 1980. Tardigradi di Lucania. **Animalia** 7: 79 - 91
- Binda, M. G.*, 1984. Notizie sui Tardigradi dell'Africa Meridionale con descrizione di una nuove specie di *Apodibius* (Eutardigrada). **Animalia**, 11: 5 - 15
- Binda, M. G.*, 1988. Redescrizione di *Macrobotus echinogenitus* Richters, 1904 e sul valore di buona specie di *Macrobotus crenulatus* Richters, 1904 (Eutardigrada). **Animalia** 15: 201 - 210
- Binda, M. G., Grimaldi de Zio, S. and Pilato, G.*, 1995. Tardigrada. In: Minelli A. et al., Edits. Checklist delle Specie della Fauna Italiana 107: 1 - 10
- Binda, M. G. and Guglielmino, A.*, 1982. Tardigrada muscicoli e dulcacquicoli di Sardegna. **Animalia**, 9: 199 - 211
- Binda, M. G. and Guglielmino, A.*, 1991. Tardigradi dell'Africa. VI: *Macrobotus polygonatus* nuova specie di Eutardigrado del Kilimangiaro (Tanzania). **Animalia**, 18: 223 - 227
- Binda, M. G. and Kristensen, R. M.*, 1986. Notes on the genus *Oreella* (Orellidae) and the systematic position of *Carphania fluviatilis* Binda, 1978. (*Carphaniidae* fam. nov., Heterotardigrada). **Animalia** 13: 9 - 20
- Binda, M. G. and Pilato, G.*, 1969. Tardigradi muscicoli delle isole Eolie (Sicilia). **Boll. sed. Acc. Gioenia Sci. Nat. Catania, Ser, IV**, 9: 634 - 651
- Binda, M. G. and Pilato, G.*, 1969. Su alcune specie di Tardigradi muscicoli di Sicilia. **Boll. sed. Acc. Gioenia Sci. Nat. Catania, Ser, IV**, 10: 159 - 170
- Binda, M. G. and Pilato, G.*, 1969. Tardigradi muscicoli dell'Isola di Ustica (Sicilia), con descrizione di due specie nuove. **Boll. sed. Acc. Gioenia Sci. Nat. Catania, Ser, IV**, 10: 171 - 180
- Binda, M. G. and Pilato, G.*, 1969. Ulteriore contributo alla conoscenza dei Tardigradi di Sicilia con descrizione di due nuove specie. **Boll. Accad. Gioenia Sci. Nat. Catania**, 10: 205 - 214
- Binda, M. G. and Pilato, G.*, 1971. Nuove osservazioni sui Tardigradi delle Isole Eolie. **Boll. Sedute. Accad. Gioenia Sci. Nat., Catania**, 10: 766 - 774
- Binda, M. G. and Pilato, G.*, 1971. Nuovo contributo alla conoscenza dei Tardigradi di Sicilia. **Boll. Sed. Accad. Gioenia Sc. Nat., Catania**, 10: 896 - 909
- Binda, M. G. and Pilato, G.*, 1972. Tardigradi muscicoli di Sicilia (IV Nota). **Boll Sedute Accad. Gioenia, Sci. Nat., Catania, Ser. 4**, 11: 47 - 60
- Binda, M. G. and Pilato, G.* 1972. Le attuali conoscenze sulla fauna tardigradologica di alcune piccole isole circumsiciliane. **Lavori Soc. Ital. Biogeogr.**, 3: 307 - 319

- Binda, M. G. and Pilato, G., 1983. Descrizione di una nuova specie di Eutardigrado d'Australia. *Macrobotus joannae* n. sp. **Animalia** 10: 1 - 3
- Binda, M. G. and Pilato, G. 1984. *Macrobotus sapiens*, nuova specie di Eutardigrado di Sicilia. **Animalia** 11: 85 - 90
- Binda, M. G. and Pilato, G., 1986. *Hypsibius ragonesei*, nuova specie di eutardigrado di Sicilia. **Animalia** 12 (for 1985): 245 - 248
- Binda, M. G. and Pilato, G., 1986. *Ramazzottius*, nuova genere di Eutardigrado (Hypsibiidae). **Animalia** 13: 159 - 166
- Binda, M. G. and Pilato, G., 1987. Tardigrada dell'Africa. V. Notizie sui Tardigradi del Nord-Africa e descrizione della nuove specie *Macrobotus diffusus*. **Animalia** 14: 177 - 191
- Binda, M. G. and Pilato, G., 1990. Tardigradi di Terra del Fuoco e Magallanes. I. *Milnesium brachyungue*, Nuova specie di Tardigrado Milnesiidae. **Animalia** 17: 105 - 110
- Binda, M. G. and Pilato, G., 1992. *Minibiotus furcatus*, nuova posizione sistematica per *Macrobotus furcatus* Ehrenberg, 1859, e descrizione di due nuove specie. **Animalia** 19: 111 - 120
- Binda, M. G. and Pilato, G., 1993. Redescrizione di *Echiniscus reticulatus* Murray, 1905 e descrizione di *Echiniscus cirinoi*, nuova species di Tardigrado della Tanzania. **Animalia** 20: 55 - 58
- Binda, M. G. and Pilato, G. 1994. *Macrobotus mottai*, nuova specie di eutardigrado dell'Antartide. **Animalia** 21: 53 - 56
- Binda, M. G. and Pilato, G., 1994. Notizi sui tardigradi delle isole Hawaii con descrizione di due species nuove. **Animalia**, 21: 57 - 62
- Binda, M. G. and Pilato, G., 1994. *Dactylobiotus caldarellai*, nuova specie di eutardigrado della Terra del Fuoco. **Animalia** 21: 87 - 91
- Binda, M. G. and Pilato, G., 1995. Remarks on tardigrades from the Seychelles, with a description of two new species. **Tropical Zoology**. 8: 1 - 6
- Binda, M. G. and Pilato, G., 1995. Some notes on African tardigrades with description of two new species. **Tropical Zoology**. 8: 367 - 372
- Binda, M. G. and Pilato, G., 1995. *Echiniscus peruvianus*, nuova specie di eterotadigrado del Sudamerica. **Animalia**, 21: 57 - 62
- Binda, M. G. and Pilato, G., 1999. *Dactylobiotus lombardoi* sp. n. (Eutardigrada: Macrobiotidae) from Tierra del Fuego, with a Key to the *Dactylobiotus*-species. **Zool. Anz.**, 238: 147 - 155
- Binda, M. G. and Pilato, G., 1999. *Macrobotus erminiae*, new species of eutardigrade from southern Patagonia and Tierra del Fuego. **Entomol. Mitt. zool. Mus. Hamburg**, 13: 151 - 158
- Binda, M. G. and Pilato, G., 2000. *Diphascon (Adropion) tricuspdatum*, a new species of eutardigrade from Antarctica. **Polar Biol**. 23: 75 - 76
- Binda, M. G. and Pilato, G., 2001. *Macrobotus savai* and *Macrobotus humulis*, two new species of tardigrades from Sri Lanka. **Bollettino Accademia Gioenia Science Naturali, Catania**, 34, 360: 101 - 111
- Binda, M., Pilato, G. and Dastych, H., 1980. Descrizione di una nuova specie di Eutardigrado, *Doryphoribius macrodon*. **Animalia, Catania**, 7: 23 - 27
- Binda, M., Pilato, G. and Dastych, H., 1984. *Diphascon modestum*, nuova specie di eutardigrado dei Monti Tatra. **Animalia**, 11: 45 - 48

- Binda, M.G., Pilato, G. and Lisi, O., 2005. Remarks on *Macrobiotus furciger* Murray, 1906 and description of three new species of the *furciger* group (Eutardigrada, Macrobiotidae). **Zootaxa**, 1075: 55 - 68*
- Binda, M. G., Pilato, G., Moncada, E. and Napolitano, A., 2001. Some tardigrades from Central Africa with the description of two new species: *Macrobiotus ragonesei* and *M. privitera* (Eutardigrada: Macrobiotidae). **Tropical Zoology** 14: 233 - 242*
- Binda, M. G. and Rebecchi, L., 1992. Precisazioni su *Macrobiotus furciger* Murray 1906, e descrizione di *Macrobiotus pilato* n. sp. (Eutardigrada, Macrobiotidae). **Animalia** 19: 101 - 109*
- Bird, A. F. and McClure, S. G., 1997. Composition of the stylets of the tardigrade, *Macrobiotus* cf. *pseudohufelandi*. **Trans R. Soc. S. Aust.**, 121: 43 - 50*
- Biserov, V. I. 1983. The Tardigrada of the Yaroslavl Region. **Zool. Zurn.**, 62: 296 - 298*
- Biserov, V. I. 1985. *Hypsibius subanomalous* sp. n. (Eutardigrada, Hypsibiidae) from the Astrakhan District. **Zool. Zh.**, 64: 131 - 135*
- Biserov, V. I. 1986. Terrestrial water bears from the north Caucasus. **Zoologicheskii Zhurnal**, 65: 747 - 756 (in Russian)*
- Biserov, V. I. 1986. Terrestrial water bears from the north Caucasus. 2. Eutardigrada. **Zoologicheskii Zhurnal**, 65: 981 - 993 (in Russian)*
- Biserov, V. I., 1988. Limnetic tardigrades of some areas in the U.S.S.R. **Zool. Zh.**, 67: 1798 - 1811*
- Biserov, V. I., 1989. A key to freshwater Tardigrada (water bears) of the USSR. **Zoologicheskii Zhurnal** 68: 56 - 65*
- Biserov, V. I., 1990. New species of Tardigrada in the USSR fauna. **Zool Zh.** 69: 17 - 25 (in Russian)*
- Biserov, V. I., 1990. On the revision of the genus *Macrobiotus*. The subgenus *Macrobiotus* s. str.: a new systematic status of the group *hufelandi* (Tardigrada, Macrobiotidae). Communication 1. **Zool Zh.** 69 (12): 5 - 17*
- Biserov, V. I., 1990. On the revision of the genus *Macrobiotus*. The subgenus *Macrobiotus* s. st. is a new systematic status of the *hufelandi* group (Tardigrada, Macrobiotidae). Communication 2. **Zool Zh.** 69 (12): 38 - 50*
- Biserov, V. I., 1991. An annotated list of Tardigrada from European Russia. **Zool. Jahrb.** (Syst. Økol.), 118: 193 - 216*
- Biserov, V. I., 1992. A new genus and three new species of tardigrades (Tardigrada: Eutardigrada) from the USSR. **Boll. Zool.** 59: 95 - 103*
- Biserov, V. I., 1994. Some tardigrades from the Seychelles with description of three new species. **Tropical Zoology** 7: 181 - 189*
- Biserov, V. I., 1996. Tardigrades of the Taimyr Peninsula with description of two new species. **Zool. Jour. Linn. Soc.**, 116: 215-237*
- Biserov, V. I., 1996. Tardigrada of the Novaya Zemlya Archipelago, collected by the Marine Arctic Complex Expedition in 1994. **Arthropoda Selecta**, 5: 151 - 157*
- Biserov, V. I., 1996. *Macrobiotus lorenae*, sp. n. a new species of Tardigrada (Eutardigrada Macrobiotidae) from the Russian far East. **Arthr. Selecta**, 5: 145 - 149*
- Biserov, V. I., 1998. Tardigrades of the Caucasus with a taxonomic analysis of the genus *Ramazzottius* (Parachela: Hypsibiidae). **Zool. Anz.**, 236: 139 - 159*
- Biserov, V. I., 1998. Tardigrada of Russian seas. **Zool. Zh.**, 77: 486 - 488 (In Russian, English summary).*

- Biserov, V. I., 1998. The Tardigrada of Komondorskiye Islands, with a description of *Dactylobiotus dervizi*, sp. Nov. (Eutardigrada, Macrobiotidae). **Entomol. Mitt. Zool. Mus. Hamburg** 12 (158): 327 - 336
- Biserov, V. I., 1999. Tardigrada of Turkmenistan, with description of three new species. **Zool. Anz.**, 238: 157 - 167
- Biserov, V. I., 1999. A review of the Tardigrada from Novaya Zemlya; with description of three new species and an evaluation of the state of the environment in the region. **Zool. Anz.**, 238: 169 - 182
- Bisrov, V. I., Dudichev, A. L. and Biserova, N. M., 2001. Preliminary data on tardigrades of Lake Biwa (Japan). **Arthropoda Selecta**, 10: 307 - 310
- Biserov, V. I. and Gerlach, J., 1998. New records of Seychelles tardigrades. **Phelsuma**. 6: 85 - 87
- Bisrov, V. I. and Tumanov, D. V., 1993. *Ramazzottius valaamis* sp. n. (Tardigrada, Hypsibiidae) a new species of tardigrade from Valaam Island, Karelia, Russia. **Zoologicheskii Zhurnal** 72: 35 - 39
- Blaxter, M., Elsworth, B and Daub, J., 2004. DNA taxonomy of a neglected animal phylum: an unexpected diversity of tardigrades. **Proc. R. Soc Lond. B. (Suppl.)** 271: 189 - 192
- Blom, H. J., 1972. Haltung und Zucht von Bärtierchen. **Mikrokosmos**, 11: 335 - 337
- Blom, H. J., 1972. Faunistisch-ökologische Untersuchungen der Tardigradenfauna des "Grossen Heiligen Meeres". Staatsexamensarbeit Münster
- Boeckner, M., Collins, M., Finney-Crawley, J. and Bateman, L., 2006. The Bryofauna of Remote Coastal Labrador: including a review of current Canadian records. **Zootaxa**, 1105: 1 - 16
- Boeckner, M. J. and Proctor, H. C., 2005. Water-bears from Rocky Mountains: A first look at Alberta's Tardigrade fauna. **Canadian Field-Naturalist**, 119: 586 - 588
- Boesgaard, T. M. and Kristensen, R. M., 2001. Tardigrades from Australian marine caves. With a redescription of *Actinarctus neretinus* (Arthrotardigrada). **Zool. Anz.**, 240: 253 - 264
- Bois-Reymond Marcus, E. du, 1944. Sobre tardigrados Brasileiros. **Comun. Zool. Mus. Hist. Nat. Montevideo**, 1: 1 - 19
- Bois-Reymond Marcus, E. du, 1952. On South American Malacopoda. **Biol. Fac. Fil. Cien. Letr. S. Paulo Zoologica** 17: 189 - 209
- Bois-Reymond Marcus, E. du, 1960. Tardigrada from Curacao, Bonaire and Los Testigos. **Studies on the Fauna of Curacao and Other Caribbean Islands**, X, No. 45: 52 - 57
- Botezat, E., 1903. Über Tardigraden. **Verh. Ges. dtsh. Naturforsch.**, 74. Vers. 2. Teil, 1. Häfte
- Botezat, E., 1928. Die systematische Stellung der Tardigraden. **Sep. d. Ver. d. naturw. Kongr. zu Cluj** (Rumänien)
- Boudrye, M. R., 1957 - 58. Notes on the Tardigrada of Minnesota. **Proc. Minn. Acad. Sci.**, 25 - 26: 195 - 199
- Bozhko, M. P., 1936. Tardigrada of the European parts of the U.S.S.R. **Proc. Zool. Biol. Inst. Sci. Res. Charkow.**, 1: 184 - 216 (in Russian, with English summary)
- Bradbury, J., 2001. Of tardigrades, trehalose, and tissue engineering. **The Lancet**, 358: 392

- Briones, M., Ineson, P. and Pearce, T., 1997.* Effects of climate change on soil fauna; responses of enchytraeids, Diptera larvae and tardigrades in a transplant experiment. **Appl. Soil Ecol.**, 6: 117 - 134
- Broca, P., 1860.* Rapport sur la question soumise à la société de biologie au sujet de la reviviscences des animaux desséchés. **Mem. Soc. Biol., Paris**, 2: 1 - 140
- Budd, G. E., 2001.* Tardigrades as "Stem-Group Arthropods": The Evidence from Cambrian Fauna. **Zool. Anz.**, 240: 265 - 279
- Bui-Thé, C., 1964.* Contribution à l'étude des Tardigrades de la région de Montpellier. **D. E. S. Fac. Sci. Montpellier.**
- Bussau, C., 1992.* New deep-sea Tardigrada (Arthrotardigrada, Halechiniscidae) from manganese nodule area of the eastern South Pacific. **Zool. Scr.** 21: 79 - 91
- Bussers, J. C. and Jeuniaux, C., 1973.* Structure et composition de la cuticule de *Macrobiotus* sp. et de *Milnesium tardigradum*. **Annales de la Société Royale Zoologique de Belgique**, 103: 271 - 279
- Bussers, J. C. and Jeuniaux, C., 1973.* Chitinous cuticle and systematic position of Tardigrada. **Biochemical Systematics**, 1: 77 - 78
- Büttner, V., 1989.* Untersuchungen zur Ökologie semiaquatischer evertebraten (Turbellaria, Rotatoria, Tardigrada and harpacticoidea) in einem kalkbuchenwald. **Verh. Ges. Ökol.**, 17: 315 - 320

C

- Calloni, S., 1889-1890.* I Tardigradi nivali delle Alpi. **Annuario Club Alpino Ticinese**: 3 - 4
- Cantacuzène, A., 1951.* *Pleocola limnoriae* n. gen. n. sp. tardigrade marin nouveau, commensal de *Limnoria lignorum* (Rathke). **C. R. Acad. Sci Paris** 232: 1699 - 1700
- Carlzon, C., 1908.* Schwedische Tardigraden. **Zool. Anz.**, 34: 137 - 142
- Caskey, D. S., 1971.* Tardigrada of Texas. M. S. Thesis, Lamar Univ., Beaumont, Texas 88 p.
- Cesari, M., Bertolani, R., Rebecchi, L. and Guidetti, R., 2009.* DNA barcoding in Tardigrada: the first case study on *Macrobiotus macrocalix* Bertolani & Rebecchi 1993 (Eutardigrada, Macrobiotidae). **Mol. Ecol. Res.**, doi: 10.1111/j.1755-0998.2009.02538x
- Chandrasekhara Rao, G., 1970.* On two species of marine interstitial Tardigrada from the east coast of India. **Proc. Indian Acad. Sci., Sect. B**, 73: 53 - 57
- Chang, C. Y., Kaczmarek, L., Lee, J. M. and Michalczyk, L., 2007.* *Pseudobiotus spinifer*, a new tardigrade species (Eutardigrada: Hypsibiidae) from Nakdong River, South Korea, with a redescription of *P. vladimiri* Biserov, Dudichev & Biserova. **Zoological Science**, 24: 623 - 629
- Chang, C. Y. and Rho, H. S., 1997.* Two new marine tardigrades of genus *Batillipes* (Heterotardigrada: Batillipedidae) from Korea. **Korean J. Syst. Zool.** 13: 24 - 40
- Chang, C. Y. and Rho, H. S., 1997.* Two New Marine Tardigrades from Palawan Island, the Philippines. **Korean J. Biol. Sci** 1: 419 - 423
- Chang, C. Y. and Rho, H. S., 1998.* Three new tardigrade species associated with barnacles from the Thai coast of Andaman Sea. **Korean Journal of Biological Sciences**, 2: 323 - 331

- Chang, C. Y. and Rho, H. S., 1997. *Isohypsibius granditintinus*, a new Psammobenthic tardigrade from an Estuary of South Korea. **The Korean Journal of systematic Zoology**, 12: 245 - 252
- Chitwood, B. G., 1951. A marine Tardigrade from the Gulf of Mexico. **Texas Journal Sci.** 3, no. 1: 111 - 112
- Chitwood, B. G., 1954. Tardigrades of the Gulf of Mexico. **Fish Bull. U. S.**, 55: 325
- Christenberry, D., 1979. On the distribution of *Echiniscus kofordi* and *E. cavagnaroi* (Tardigrada). **Trans. Amer. Micros. Soc.**, 98 (3): 469 - 471
- Christenberry, D. and Higgins, R. P., 1979. A new species of *Pseudodiphascos* (Tardigrada) from Alabama. **Trans. Am. Microsc. Soc.**, 98: 508 - 514
- Christenberry, D. and Mason, W. H., 1979. Redescription of *Echiniscus virginicus* Rigginn with notes on life history, range, and geographic variation. **J. Alabama Acad. Sci.**, 50: 47 - 61
- Christner, B. C., Kvitko II, B. H. and Reeve, J. N., 2003. Molecular identification of Bacteria and Eukarya inhabiting an Antarctic cryoconite hole. **Extremophiles** 7: 177 - 184
- Claps, M. C. and Rossi, G. C., 1981. Contribucion al conocimiento de los tardigrados de Argentina. II. **Rev. Soc. Ent. Argentina**, 40 (1 - 4): 107 - 114
- Claps, M. C. and Rossi, G. C., 1984. Contribucion al conocimiento de los tardigrados de Argentina. IV. **Acta zool. Lilloana** 38: 45 - 50
- Claps, M. C. and Rossi, G. C., 1988. Contribucion al conocimiento de los tardigrados de Argentina. VI. **Iheringia**, 67: 3 - 11
- Claps, M. C. and Rossi, G. C., 1997. Tardigrados de Uruguay, com descripcion de dos nuevas especies (Echiniscidae, Macrobiotidae). **Iheringia, S. Zoologia, Porto Alegre**, 83: 17 - 22
- Claps, M. C., Rossi, G. C. and Ardohain, D. M., 2008. Tardigrada. In: Claps, L. E., Debandi, G. & Roig-Juñent, S. (Dirs.), *Biodiversidad de Artrópodos Argentinos*. Vol. 2. Sociedad Entomológica Argentina, Mendoza, pp. 63 - 77
- Claxton, S. K., 1991. A study of tardigrade populations in mosses and lichens from temperate rainforest and dry sclerophyll forest in New South Wales. MS ythesis, Macquarie University, pp. 77
- Claxton, S. K., 1996. Sexual dimorphism in Australian *Echiniscus* (Tardigrada, Echiniscidae) with description of three new species. **Zoological Journal of the Linnean Society**, 116: 13 - 33
- Claxton, S. K., 1998. A revision of the genus *Minibiotus* (Tardigrada: Macrobiotidae) with descriptions of eleven new species from Australia. **Records of the Australian Museum** 50: 125 - 160
- Claxton, S. K., 1998. *Milnesioides exsertum* gen. n sp. n, a new tardigrade from Australia (Tardigrada: Milnesiidae). In H. Greven (ed.). Proceedings of the seventh internatinal symposium on the Tardigrada, August 1997, Düsseldorf, Germany. **Zool. Anz.**, 238: 183 - 190
- Claxton, S. K., 2001. *Antechiniscus* in Australia: Description of *Antechiniscus moscali* sp. n. and Redescription of *Antechiniscus parvisentus* (Horning & Schuster, 1983) (Heterotardigrada: Echiniscidae). **Zool. Anz.** 240: 281 - 289
- Collin, J. and May, R. M., 1950. Réactions adaptives de Tardigrades à des variations de salinité. **Bull. Soc. Zool. France**, 75: 184 - 187
- Collins, M. and Bateman, L., 2001. The ecological distribution of tardigrades in Newfoundland. **Zool. Anz.** 240: 291 - 297

- Collins, A. G. and Valentine, J. W., 2001. Defining phyla: evolutionary pathways to metazoan body plans. **Evolution & Development**, 3:6, 432 - 442
- Coninck, L. A. P. de, 1939. Wetenschappelijke Resultaten der Studiereis van Prof. Dr. van Oye op Ijsland. VI. Tardigrades. **Biol. Jaarb.** 6: 190 - 218
- Convey, P. and McInnes, S. J., 2005. Exceptional tardigrade-dominated ecosystems in Ellsworth Land, Antarctica. **Ecology**, 86: 519 - 527
- Cooper, K. W., 1964. The first fossil Tardigrade: *Beorn leggi* Cooper from cretaceous amber. **Psyche**, 71: 41 - 48
- Corti, B., 1774. Osservazioni microscopiche sulla Tremella e sulla circolazione del fluido in una Pianta acquajola. Lucca. (Tardigrada, p. 97, 100).
- Crisp, D. J. and Hobart, J., 1954. A note on the habitat of the marine tardigrade *Echiniscoides sigismundi* (Schultze). **Ann. Mag. nat. Hist.**, 12: 554 - 560
- Crisp, M., and R. Kristensen. 1983. A new marine interstitial eutardigrade from East Greenland, with comments on habitat and biology. **Videnskabelige Meddeleser fra Dansk Naturhistorisk Forening** 144: 99 - 114
- Cromer, L., Gibson, J. A. E., McInnes, S. J. and Agius J. T., 2007. Tardigrade remains from lake sediments. **J. Paleolimnol.** DOI 10.1007/s10933-007-9102-5
- Cromer, L., Gibson, J. A. E., Swadling, K. M. and Hodgson, D. A., 2006. Evidence for a lacustrine faunal refuge in the Larsemann hills, East Antarctica, during the Last Glacial Maximum. **J. Biogeogr.**, 33: 1314 - 1323
- Crowe, J. H., 1970. Cryptobiosis in the tardigrade, *Macrobiotus areolatus*: structure and function of the cuticle. **Thesis. Univ. California.** 134 pp
- Crowe, J. H., 1971. Anhydrobiosis: an unsolved problem. **The American Naturalist**, 105: 563 - 574
- Crowe, J. H., 1972. Evaporative water loss by tardigrades under controlled relative humidity. **Biol. Bull.** 142: 407 - 416
- Crowe, J. H., 1975. The physiology of cryptobiosis in tardigrades. In Proceedings of the first international symposium on tardigrades (Ed. R. P. Higgins) **Memoire dell'Istituto Italiano di Idrobiologia** 32 (Suppl.): 37 - 59
- Crowe, J. H. and Cooper, A. F. Jr., 1971. Cryptobiosis. **Scientific American**, 225: 30 - 36
- Crowe, J. H. and Crowe, L. M., 2000. Preservation of mammalian cells - learning nature's tricks. **Nature Biotechnology**, 18: 145 - 145
- Crowe, J. H. and Higgins, B., 1967. The revival of *Macrobiotus aerolatus* (Tardigrada) from the cryptobiotic state. **Trans. Am. Microsc. Soc.** 86: 286 - 294
- Crowe, J. H. and Madin, K. A. C., 1974. Anhydrobiosis in Tardigrades and Nematodes. **Transactions of the American Microscopical Society**, 93: 513 - 524
- Crowe, J. H., Newell, J. M. and Thomson, W. W., 1970. *Echiniscus viridis* Murray (Tardigrada), fine structure of the cuticle. **Transactions of the American Microscopical Society**, 89: 316 - 325
- Crowe, J. H., Newell, J. M. and Thomson, W. W., 1971. Fine structure and chemical composition of the cuticle of the tardigrade, *Macrobiotus areolatus*. **J. Microsc.** 11: 107 - 120
- Crowe, J. H., Newell, J. M. and Thomson, W. W., 1971. Cuticle formation in the tardigrade *Macrobiotus areolatus* Murray. **J. Microsc.** 11: 121 - 132
- Cucek, M., 1982. The fauna of Tardigrada of Ljubljansko Barje (Slovenia). **Bioloski vestnik (Ljubljana)**, 30 (1): 21 - 24
- Cuénot, L., 1892. Tardigrades. In: Commensaux et parasites des Echinodermes, I. **Rev. Biol. Nord France** 5: 1 - 22

- Cuénot, L., 1926. Description d'un tardigrade nouveau de la faune française. **C. R. Acad. Sc. Paris**, 182: 744 - 745
- Cuénot, L., 1929. Description d'un tardigrade nouveau de la faune française. **Arch. Anat. Microsc.**, 25: 121 - 125
- Cuénot, L., 1932. Tardigrades. In: P. Lechevalier, editor. **Faune de France 24**: 1-96
- Cuénot, L., 1949. Les Tardigrades. In: Grassé P. P. (Ed.) *Traité de Zoologie Anatomie, Systematique, Biologie*. Tome VI: Onychophores - Tardigrades - Arthropodes - Trilobitomorphes - Chélicérates. Paris, Masson: 39 - 59
- Cunha, A. X. da, 1941. Tardigrados da Fauna Portuguesa. **Mem. Est. Mus. Zool. Univ. Coimbra, S. I.**, 120: 1 - 39
- Cunha, A. X. da, 1943. Un Tardigrade nouveau du Portugal: *Hypsibius placophorus* sp. n. **Mem. Est. Mus. Zool. Univ. Coimbra**, 143: 1 - 3
- Cunha, A. X. da, 1944. Tardigrados da Fauna portuguesa II. **Mem. Est. Mus. Zool. Univ. Coimbra**, 155: 1 - 12
- Cunha, A. X. da, 1945. *Echiniscus multispinosus* sp. n., un Tardigrade nouveau de la Faune portugaise. **Mem. Est. Mus. Zool. Univ. Coimbra**, 159: 1 - 5
- Cunha, A. X. da, 1947. Tardigrados da Fauna portuguesa III. **Mem. Est. Mus. Zool. Univ. Coimbra**, 177: 1 - 8
- Cunha, A. X. da, 1947. Description d'un Tardigrade nouveau de la faune portugaise: *Parechiniscus unispinosus* sp. n. **Mems. Est. Mus. zool. Univ. Coimbra**, 180: 1 - 5
- Cunha, A. X. da, 1948. Tardigrados da Fauna portuguesa IV. **Mem. Est. Mus. Zool. Univ. Coimbra**, 188: 1 - 5
- Cunha, A. X. da and Nascimento Ribeiro, F., 1962. A fauna de Tardigrados da Ilha Madeira. **Mem. Est. Mus. Zool. Univ. Coimbra**, 279: 1 - 24
- Cunha, A. X. da and Nascimento Ribeiro, F., 1964. Tardigrados de Angola. **Garcia de Orta, Lisboa**, 12: 397 - 406
- Curtin, C. B., 1948. The tardigrade fauna of the District Columbia. **J. Wash. Acad. Sci.**, 38: 251 - 254
- Curtin, C. B., 1957. Studies on Tardigrades. II. Some tardigrades from Maryland. **Pennsylvania Acad. Sci.** 31: 142 - 146

D

- D'Addabbo Gallo, M., D'Addabbo, R. and Grimaldi de Zio, S., 2000. Redescription of *Batillipes dicrocercus* Pollock, 1970 and revision of the genus *Batillipes* (Tardigrada, heterotardigrada). **Zool. Anz.**, 239: 329 - 339
- D'Addabbo Gallo, M., Grimaldi de Zio, S. and D'Addabbo, R., 2000. *Pseudostygarctus apuliae* (Tardigrada, Heterotardigrada): A new species from lower Adriatic Sea. **Ital. J. Zool.**, 67: 125 - 128
- D'Addabbo Gallo, M., Grimaldi de Zio, S. and Morone De Lucia, M. R., 1984. *Styranconyx testudo* n. sp., a new Styraconyxinae of the Mediterranean Sea (Arthrotardigrada: Halechiniscidae). **Oebalia** 10: 95 - 103
- D'Addabbo Gallo, M., Grimaldi de Zio, S. and Morone De Lucia, M. R., 1986. Description of two species of Halechiniscidae belonging to the subfamilies Halechiniscinae and Styraconyxinae (Tardigrada: Heterotardigrada). **Oebalia**, 13: 69 - 75

- D'Addabbo Gallo, M., Grimaldi de Zio, S., Morone De Lucia, M. R., Pietanza, R., D'Addabbo, R. and Todaro, M. A., 1999. Diversity and dynamics of an interstitial Tardigrada population in the Meloria Shoals, Ligurian Sea, with a redescription of *Batillipes similis* (Heterotardigrada, Batillipedidae). **Ital. J. Zool.**, 66: 51 - 61
- D'Addabbo Gallo, M., Grimaldi de Zio, S., Morone De Lucia, M. R. and Troccoli, A., 1992. Halechiniscidae and Echiniscididae from Western Mediterranean Sea (tardigrada: Heterotardigrada). **Cah. Biol. Mar.** 33: 299 - 318
- D'Addabbo Gallo, M., Grimaldi de Zio, S. and Sandulli, R., 2001. Heterotardigrada of two submarine caves in S. Domino Island (Tremi Islands) in the Mediterranean Sea with the description of two species of Stygarstidae. **Zool. Anz.** 240: 361 - 369
- D'Addabbo Gallo, M., Leonardis, C. de, Sandulli, R. and Grimaldi de Zio, S., 2007. Further studies on the marine tardigrada fauna from Sardinia (Italy). Proceedings of the Tenth International Symposium on Tardigrada **J. Limnol.**, 66 (Suppl. 1): 56 - 59
- D'Addabbo Gallo, M., Morone De Lucia, M. R. and Grimaldi de Zio, S., 1987. Heterotardigrada of the Amendolara Shoal, High Ionian Sea. In R. Bertolani (ed.), Biology of Tardigrades. Proceedings of the fourth international symposium on the Tardigrada, September 1985, Modena Italy, Selected Symposia and Monographs, 1: 93 - 101
- D'Addabbo Gallo, M., Morone De Lucia, M. R. and Grimaldi de Zio, S., 1989. Two new species of the genus *Styraconyx* (Tardigrada: Heterotardigrada). **Cah. Biol. Mar.**, 30: 17 - 33
- D'Addabbo Gallo, M., Morone De Lucia, M. R., Grimaldi de Zio, S. and Grimaldi, P., 1978. Nuovi dati sui tardigradi del mesopsammon delle coste pugliesi. **Thalassia salentia** 8: 63 - 66
- D'Addabbo Gallo, M., Pietanza, R., D'Addabbo, R., Morone De Lucia, M. R., and Grimaldi de Zio, S., 1999. A redescription of *Actinarctus doryphorus* (Tardigrada, Heterotardigrada). **Cahiers de Biologie Marine**, 40: 21 - 27
- D'Addabbo Gallo, M., Sandulli, R. and Grimaldi de Zio, S., 2005. A New Batillipedidae (Tardigrada, Heterotardigrada) from the Orosei Gulf, Sardinia, Tyrrhenian sea. **Zool. Anz.**, 243: 219 - 225
- Dartnall, H. J. G., Scott, F. J., and McInnes, S., 2007. Low Life in Low Lake, a freshwater pool Commonwealth Bay, Antarctica. **Quekett Journal of Microscopy**, 40: 389 - 395
- Dastyh, H., 1969. *Macrobotus coronifer* Richt., nowy dla polski niesporczaka (Tardigrada). **Prz. zool., Wroclaw**, 13: 183 - 184
- Dastyh, H., 1970. Materialy do znajomosci niesporczakow (Tardigrada) Tatrzańskiego Parku Narodowego. **Fragmenta Faunistica (Warszawa)**, 16: 77 - 87
- Dastyh, H., 1972. *Isohypsibius weglarskae* sp. n. a New Species of Tardigrada from Poland. **Bull. Acad. Polon. Sc., Ser. Sc. biol. Cl. II**, 20: 271 - 274
- Dastyh, H., 1972. An annotated list of *Tardigrada* from Mts. Elburs, Iran. **Fragmenta Faunistica**, 18: 47 - 54
- Dastyh, H. 1973. Systematic studies on Tardigrada I. Systematic position of some species. **Bull. Soc. AM. Sc. et Lett. Poznan**, 14: 77 - 88

- Dastych, H. 1973. Systematic studies on Tardigrada II. *Echiniscus clavisetosus* Mihelcic 1958 a synonym of *Echiniscus spitsbergensis* Scourfield, 1897. **Bull. Soc. AM. Sc. et Lett. Poznan**, 14: 89 - 99
- Dastych, H., 1973. Redescription of *Macrobiotus spectabilis* Thulin 1928 (Tardigrada). **Bull. Acad. Pol. Sci.**, 21: 823 - 825
- Dastych, H., 1973. Some Tardigrada from Karakorum, Pakistan. **Bull. Acad. Polon. Sci., Sér. Sci. Biol.**, 21: 545 - 549
- Dastych, H. 1974. North Korean Tardigrada. **Acta Zool. Cracoviensia**, 19: 125 - 145
- Dastych, H. 1975. Some Tardigrada from Himalayas (Nepal) with description of *Echiniscus (E.) nepalensis* n. sp. **Mem. Ist. Ital. Idrobiol., Pallanza** 32 Suppl.: 61 - 68
- Dastych, H., 1976. Tardigrada from Himalayas. **Bull. Acad. Pol. Sci.** 24: 521 - 523
- Dastych, H., 1977. *Macrobiotus adelges* sp. nov., a new species of Tardigrada from Poland. **Bull. Acad. Pol. Sc., Warszawa**, 25: 667 - 669
- Dastych, H. 1978. *Parhexapodibius xerophilus* sp. nov., a new species of Tardigrada from Poland. **Bull. Acad. Pol. Sci., Ser. Sci. Biol.** 26: 479 - 481
- Dastych, H. 1979. Niesporczaki (Tardigrada) Ojcowskiego Parku Narodowego. **Badania Fizjogr. Pol. Zach., Poznan**, 32: 97 - 104
- Dastych, H., 1979. Tardigrada from Afghanistan with description of *Pseudechiniscus schrammi* sp. n. **Bull. Amis Sci. Lett. Poznan, Ser. D.** 19: 99 - 108
- Dastych, H., 1980. *Hypsibius szeptycki* sp. nov., a new species of Tardigrada from South Africa. **Bull. Acad. Polonaise Sci. Sér. Sci. Biol.**, 27: 505 - 508
- Dastych, H., 1980. *Macrobiotus kurasi* sp. nov., a New Species of Tardigrada from Mountains of Uganda. **Bull. Acad. Pol. Sci., Ser. Sci. Biol.** 28: 653 - 657
- Dastych, H., 1980. Niesporczaki (Tardigrada) Tatrzańskiego Parku Narodowego. **Monogr. Fauny Polski**, Vol. 9: 1 - 232 PWN, Krakow
- Dastych, H., 1980. Some Tardigrada from Caucasus with a description of *Isohypsibius zierhofferi* sp. nov. **Bull. Acad. Pol. Sc., Warszawa**, 27: 941 - 947
- Dastych, H., 1982. An annotated list of Alaskan Tardigrada. **Polish Polar Research**, 3: 95 - 102
- Dastych, H., 1983. *Apodibius confusus* gen. n. sp. n. a new Water-Bear from Poland (Tardigrada). **Bull. Pol. Acad. Sci. Biol.**, 31: 41 - 46
- Dastych, H., 1983. Two new Eutardigrada species from West Spitsbergen and the Tatra Mts. **Bull. Soc. Amis. Sc. Lettr. Poznan**, 23: 195 - 200.
- Dastych, H., 1984. The Tardigrada from Antarctica with description of several new species. **Acta Zool. Cracov.** 27: 377 - 436
- Dastych, H. 1984. *Isohypsibius jakieli* sp. nov. a new species of Tardigrada from Poland. **Bulletin of the Polish Academy of Sciences**, 32: 133 - 135
- Dastych, H. 1985. West Spitsbergen Tardigrada. **Acta Zool. Cracov.**, 28: 169 - 214
- Dastych, H. 1986. *Echiniscus rackae* sp. n., a New Species of Tardigrada from the Himalayas. **Entomol. Mitt. zool. Mus. Hamburg**, 8: 245 - 250
- Dastych, H. 1987. Altitudinal distribution of Tardigrada in Poland. In: R. Bertolani (Ed.) *Biology of Tardigrades. Selected Symposia and Monographs U. Z. I., 1* **Mucchi Editore**, Modena, Italy: 169 - 176
- Dastych, H. 1987. Two new species of Tardigrada from the Canadian Subarctic with some notes on sexual dimorphism in the family Echiniscidae. **Entomol. Mitt. Zool. Mus. Hamb.** Band 8. 129: 319 - 334
- Dastych, H. 1988. The Tardigrada of Poland, **Monografie Fauny Polski**, 16, 1 - 255 (Plates I - XXXI)

- Dastych, H.* 1989. An annotated list of Tardigrada from Antarctic. **Entomol. Mitt. Zool. Mus. Hamb.** Band 9: 249 - 257
- Dastych, H.*, 1990. *Isohypsibius sattleri* (Richters 1902), a valid species (Tardigrada). **Senckenbergiana biologica**, 71: 181 - 189
- Dastych, H.*, 1991. Redescription of *Hypsibius antarcticus* (Richters, 1904), with some notes on *Hypsibius arcticus* (Murray, 1907) (Tardigrada). **Mitt. Hamb. zool. Mus. Inst.**, 88: 141 - 159
- Dastych, H.*, 1992. *Paradiphascon manningi* gen. n. sp. n., a new water-bear from South Africa, with the erecting of a new subfamily Diphasconinae (Tardigrada). **Mitt. Hamb. Zool. Mus. Inst.**, 89: 125 - 139
- Dastych, H.*, 1993. A new genus and four new species of semiterrestrial water-bears from South Africa (Tardigrada). **Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut** 90: 175 - 186
- Dastych, H.*, 1993. Redescription of the cryoconital tardigrade *Hypsibius klebelsbergi* Mihelcic, 1959, with notes on the microslide collection of the late Dr. F. Michelcic (Tardigrada). **Veröffentlichungen des Museum Ferdinandeum**, 73: 5 - 12
- Dastych, H.*, 1997. Redescription of *Isohypsibius sculptus* Ramazzotti, 1962 (Tardigrada). **Entomol. Mitt. zool. Mus. Hamburg**, 12: 163 - 167
- Dastych, H.*, 1997. Some notes on morphology of *Echiniscus tessellatus* Murray, 1910 (Tardigrada). **Mitt. hamb. zool. Mus. Inst.**, 94: 73 - 79
- Dastych, H.*, 1997. Tardigrada - Niesporczaki. In: Checklist of animals of Poland (ed. J. Razowski), 1997, 4 (1 - 31): 141 - 144, Krakow
- Dastych, H.*, 1997. A new species of the genus *Echiniscus* (Tardigrada) from New Zealand. **Entomol. Mitt. zool. Mus. Hamburg**. 12 (156): 209 - 215
- Dastych, H.*, 1998. Description of eggs in the Antarctic tardigrade *Minibiotus stuckenbergi* (Dastych et al., 1990) (Tardigrada, Macrobiotidae). **Entomol. Mitt. zool. Mus. Hamburg**. 12: 289 - 294
- Dastych, H.*, 1999. Redescription of the Sub-Antarctic tardigrade *Mopsechiniscus imberbis* (Richters, 1908) (Tardigrada). **Mitt. hamb. zool. Mus. Inst.**, 96: 21 - 35
- Dastych, H.*, 1999. *Mopsechiniscus frenoti*, sp. n. a new water-bear (Tardigrada) from Iles Crozet the Sub-Antarctic. **Entomol. Mitt. zool. Mus. Hamburg**, 13 (159): 49 - 57
- Dastych, H.*, 1999. A new species of the genus *Mopsechiniscus* Du Bois-Reymond Marcus, 1944 (Tardigrada) from the Venezuelan Andes. **Acta Biol. Benrodis**, 10: 91 - 101
- Dastych, H.*, 2000. Redescription of the Neotropical tardigrade *Mopsechiniscus granulatus* Mihelcic, 1967 (Tardigrada). **Mitt. hamb. zool. Mus. Inst.**, 97: 45 - 57
- Dastych, H.*, 2001. Notes on the revision of the genus *Mopsechiniscus* (Tardigrada). **Zool. Anz.**, 240: 299 - 308
- Dastych, H.*, 2002. A new species of the genus *Macrobiotus* Schultze, 1834 from Iles Kerguelen, in the sub-Antarctic (Tardigrada). **Mitt. Hamb. Zool. Mus. Inst.**, 99: 11 - 27
- Dastych, H.*, 2002. *Diphascon langhovdense* (Sudzuki, 1964) stat. nov., a new taxonomic status for the semi-terrestrial tardigrade (Tardigrada). **Acta Biol. Benrodis**, 12: 19 - 25
- Dastych, H.*, 2004. Redescription of the glacier tardigrade *Hypsibius janetscheki* Ramazzotti, 1968 (Tardigrada) from Nepal Himalayas. **Entomol. Mitt. zool. Mus. Hamburg**, 14: 181 - 194
- Dastych, H.*, 2004. *Hypsibius thaleri* sp. nov., a new species of a glacier-dwelling tardigrade from the Himalayas, Nepal (Tardigrada). **Mitt. hamb. zool. Mus. Inst.**, 101: 169 - 183

- Dastych, H.*, 2005. *Macrobotus ramoli* sp. nov., a new tardigrade species from the nival zone of the Ötztal Alps, Austria (Tardigrada). **Mitt. hamb. zool. Mus. Inst.**, 102: 21 - 35
- Dastych, H.*, 2006. A new tardigrade species of the genus *Ramazzottius* BINDA & PILATO, 1986 (Tardigrada) from the nival zone of the Mont Blanc Massive (the Western Alps), with some morphometric remarks. **Mitt. hamb. zool. Mus. Inst.**, 103: 33 - 45
- Dastych, H.*, 2009. Tardigrada (Bärtierchen) In: RABITSCH, W. & ESSL, F. (Eds.), (Pp. 383 - 384): Endemiten - Kostbarkeiten in Österreichs Pflanzen- und Tierwelt. - Naturwissenschaftlicher Verein für Kärnten und Umweltbundesamt GmbH, Klagenfurt & Wien, 924 pp.
- Dastych, H.*, 2009. Notes on the African limno-terrestrial tardigrade *Ramazzottius szeptycki* (Dastych, 1980) (Tardigrada). **Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg**, 15: 87 - 91
- Dastych, H.*, 2009. *Thalerius konradi* gen. nov. sp. nov., a new tardigrade from the periglacial area of the Ötztal Alps, Austria (Tardigrada). **Contrib. Nat. Hist.**, 12: 379 - 390
- Dastych, H. and Alberti, G.* 1990. Redescription of *Macrobotus xerophilus* (Dastych, 1978) comb. nov., with some phylogenetic notes (Tardigrada, Macrobiotidae). **Mitt Hamb. zool. Mus. Inst.**, 87: 157 - 169
- Dastych, H. and Drummond, A. E.*, 1996. Notes on limnic water-bears (Tardigrada) from the Robertskollen nunataks, Dronning Maud Land, Antarctica. **Entomol. Mitt. Zool. Mus. Hamburg**, 12: 111 - 117
- Dastych, H. and Harris, J. M.*, 1994. A new species of the genus *Hebesuncus* from the Antarctic nunataks, Dronning Maud Land (Tardigrada). **Entomol. Mitt. zool. Mus. Hamb.** 11: 139 - 145
- Dastych, H. and Harris, J. M.*, 1995. A new species of the genus *Macrobotus* from inland nunataks, Dronning Maud Land (Tardigrada). **Entomol. Mitt. zool. Mus. Hamb.** 11: 176 - 182
- Dastych, H., Kraus, H. J. and Thaler, K.*, 2003. Redescription and notes on the biology of the glacier tardigrade *Hypsibius klebelsbergi* Mihelcic, 1959 (Tardigrada), based on material from Ötztal Alps, Austria. **Mitt. hamb. zool. Mus. Inst.**, 100: 73 - 100
- Dastych, H. and Kristensen, R. M.*, 1995. *Echiniscus ehrenbergi* sp. n., a new water bear from the Himalayas (Tardigrada). **Entomol. Mitt. Zool. Mus. Hamburg** 11: 221 - 230
- Dastych, H. and McInnes, S. J.*, 1994. *Hexapodibius boothi* sp. n., a new species of semi-terrestrial tardigrade from the Maritime Antarctic. **Entomol. Mitt. Zool. Mus. Hamburg** 11: 111 - 117.
- Dastych, H. and McInnes, S. J.*, 1996. A new species of the genus *Diphascon* (Tardigrada) from the Maritime Antarctic. **Entomol. Mitt. zool. Mus. Hamburg**, 12: 35 - 41
- Dastych, H., McInnes, S. and Claxton, S. K.*, 1998. *Oreella mollis* Murray, 1910 (Tardigrada): a redescription and revision of *Oreella*. **Mitt. Hamb. zool. Mus. Inst**, 95: 89 - 113
- Dastych, H. and Moscal, A. M.*, 1992. *Mopsechiniscus tasmanicus* sp. n., a new semiterrestrial tardigrade. **Entomol. Mitt. zool. Mus. Hamburg**, 10: 221 - 228
- Dastych, H., Ryan, P. G. and Watkins, B. P.*, 1990. Notes on Tardigrada from western Dronning Maud Land (Antarctica) with a description of two new species. **Entomol. Mitt. Zool. Mus. Hamburg**, 10: 57 - 66

- Dastych, H. and Thaler, K., 2002.* The tardigrade *Hebesuncus conjungens* (Thulin, 1911) in the Alps, with notes on morphology and distribution (Tardigrada). **Entomol. Mitt. Zool. Mus. Hamb.**, 14: 83 - 94
- Dawydoff, C., 1928.* Tardigrades. Traité d'embryologie comparée des invertébrés, pp. 395 - 397, Paris
- De Fromentel, E., 1877.* Recherches sur la revivifications des rotiferes des anguillules et des tardigrades. **CR. Assoc. Franc. Avanc. Sc.**, 6: ?????
- Degma, P., 1997.* Synopsis of Tardigrada fauna of Slovakia. **Acta Zool. Univ. Comen.**, 41 - 3 - 23
- Degma, P., 2003.* First records of six Hypsibiidae species (Tardigrada, Eutardigrada) in Slovakia. **Biologia, Bratislava**, 58: 1003 - 1005
- Degma, P., 2004.* First records of two freshwater Tardigrada species in Slovakia. **Biologia, Bratislava**, 59: 576, 594
- Degma, P., 2006.* First records of two Heterotardigrada (Tardigrada) species in Slovakia. **Biologia, Bratislava**, 61: 501 - 502
- Degma, P., Bertolani, R. and Guidetti, R., 2009.* Actual checklist of Tardigrada species (ver. 7, 30-06-2009). [http://www.tardigrada.modena.unimo.it/miscellanea/Actual checklist of Tardigrada. pdf](http://www.tardigrada.modena.unimo.it/miscellanea/Actual%20checklist%20of%20Tardigrada.pdf)
- Degma, P. and Guidetti, R., 2007.* Notes on the current checklist of tardigrada. **Zootaxa** 1579: 41 - 53
- Degma, P., Gulánova, S. and Simurka, M., 2004.* First records of three Hypsibiidae species (Tardigrada: Eutardigrada) in Slovakia. **Biologia, Bratislava**, 59, Suppl. 15: 29 - 31
- Degma, P., Gulánova, S. and Simurka, M., 2005.* Water bears (Tardigrada) (in Slovak). In Majzlan, O. (ed.): Fauna Devinskej Kobyly, APOP, Bratislava: 31 - 32
- Degma, P., Michalczyk, L. and Kaczmarek, L., 2008.* *Macrobotus derkai*, a new species of Tardigrada (Eutardigrada, Macrobiotidae, *huzori* group) from the Colombian Andes (South America). **Zootaxa** 1731: 1 - 23
- Degma, P. and Opravilová, V., 2001.* Synopsis of Tardigrada for the Czech Republic. **Scripta Facultatis Scientiarum Naturalium Universitatis Masarykiana Brunensis, Biology**, 27: 13 - 39
- Degma, P. and Pecalkova, M., 2003.* First records of Tardigrada in Slovakia from Stuzica National Nature Reserve (Bukovské vrchy Mts. NE Slovakia). **Biologia Bratislava**, 58: 274, 286
- Degma, P., Simurka, M. and Gulánová, S., 2005.* Community structure and ecological macrodistribution of moss-dwelling water bears (Tardigrada) in central European oak-hornbeam forests (SW Slovakia). **Ekológia (Bratislava)** 24 (Suppl. 2): 59 - 75
- Delamare Deboutville, C. and Renaud-Mornant, J., 1965.* Un remarquable genre de Tardigrades des sables coralliens de Nouvelle-Calédonie. **C. R. Acad. Sc. Paris**, 260: 2581 - 2583
- Delamare Deboutville, C. and Renaud-Mornant, J., 1966.* Un nouveau genre de tardigrades des sables détritiques coralliens de Nouvelle-Calédonie. **Cah. Pacif.**, 9: 149 - 156
- Della Valle, P., 1914.* Tardigrada. Fauna degli Astroni, No. 7. **Ann. Mus. Zool., Napoli, N. ser. 3, Suppl.** (1915): 1 - 36, pl. 8 - 11

- De Smet, W. H. and Bafort, J. M., 1990. Notes on Rotifera and Tardigrada from running waters on Mount Kenya. **Natuurwet. Tijdschr. (Gent)**. 72: 103 - 108*
- De Smet, W. H. and Van Rompu E. A., 1994. Rotifera and Tardigrada from some cryoconite holes on a Spitsbergen (Svalbard) glacier. **Belg. J. Zool.**, 124: 27 - 37*
- De Smet, W. H., Van Rompu, E. A. and Beyens, L. 1987. Rotifera, Gastrotricha en Tardigrada uit Shetland, Faroër en Spitsbergen. **Natuurwet. Tijdschr.** 69: 81 - 102*
- De Smet, W. H., Van Rompu, E. A. and Beyens, L. 1988. Contribution to the rotifers and aquatic Tardigrada of Edgeøya (Svalbard). **Fauna norv. Ser. A**, 9: 19 - 30*
- Dewel, R. A., Budd, G., Castano, D. and Dewel, W. C., 1999. The organization of the subesophageal nervous system in tardigrades: Insights into the evolution of the arthropod hypostome and tritocerebrum. In H. Greven (ed.), *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany.* **Zool. Anz.**, 238: 191 - 203*
- Dewel, R. A. and Clark Jr., W. H., 1973. Studies on the tardigrades, I. Fine structure of the anterior foregut of *Milnesium tardigradum* Doyère. **Tissue and Cell**. 5: 133 - 146*
- Dewel, R. A. and Clark Jr., W. H., 1973. Studies on the tardigrades, II. Fine structure of the pharynx of *Milnesium tardigradum* Doyère. **Tissue and Cell**, 5: 147 - 159*
- Dewel, R. A. and Clark Jr., W. H., 1973. Studies on the tardigrades, III. Fine structure of the esophagus of *Milnesium tardigradum* Doyère. **Tissue and Cell**. 5: 161 - 169*
- Dewel, R. A. and Dewel, W. C., 1979. Studies on the tardigrades, IV. Fine structure of the hindgut of *Milnesium tardigradum* Doyère. **J. Morphol.** 161: 79 - 110*
- Dewel, R. A. and Dewel, W. C., 1996. The brain of *Echiniscus viridissimus* Peterfi 1956 (Heterotardigrada): a key to understanding the phylogenetic position of tardigrades and the evolution of the arthropod head. **Zoological Journal of the Linnean Society**, 116: 35 - 49*
- Dewel, R. A. and Dewel, W. C., 1997. The place of tardigrades in arthropod evolution. In: R. Fortey & R. H. Thomas (Eds.), *Arthropod relationships*. The Systematic Association, 55. Chapman & Hall, New York: 109 - 125*
- Dewel, R. A., Dewel, W. C. and Nelson, D. R., 1992. Cephalic sensory structures of the heterotardigrade *Echiniscus viridissimus*. **American Zoologist**, 32: 122 A*
- Dewel, R. A., Dewel, W. C. and Roush, B.G., 1992. Unusual cuticle-associated organs in the Heterotardigrade, *Echiniscus viridissimus*. **J. Morphol.**, 212: 123 - 140*
- Dewel, R. A., Budd, G. E., Castano, D. F. and Dewel, W. C., 1999. The organisation of the suboesophageal nervous system in tardigrades: insight into the evolution of the arthropod hypostome and tritocerebrum. **Zool. Anz.** 238: 191 - 203*
- Dewel, R. A. and Eibye-Jacobsen, J., 2006. The mouth cone and mouth ring of *Echiniscus viridissimus* Peterfi, 1956 (Heterotardigrada) with comparisons to corresponding structures in other tardigrades. **Hydrobiologia**, 558: 41 - 51*
- Dewel, R. A., Joines, J. D. and Bond, J. J., 1985. A new chytridiomycete parasitizing the tardigrade *Milnesium tardigradum*. **Can. J. Bot.** 63: 1525 - 1534*
- Dewel, R. A., Nelson, D. R. and Dewel, W. C., 1993. Tardigrada. In: F. H. Harrison & M. E. Rice (Eds), *Microscopic Anatomy of Invertebrates: Onychophora, Chilopoda and Lesser Prostomata*, 12. J. Wiley-Liss, Inc, New York: 143 - 183*
- Dewel, R. A., Roush, B. G. and Dewel, W. C., 1988. Fine structure of the midgut cells of the heterotardigrade *Echiniscus viridissimus*. **Am. Zool.**, 28: 149*
- Dewel, W. C. and Dewel, R. A., 1987. Study of a moss community containing *Milnesium tardigradum* parasitized by a chytridiomycetous fungus. In: Bertolani, R. (Ed.).*

- Proceedings of the Fourth International Symposium on the Tardigrada (held in Modena, Italy, 3 - 5 September 1985) Mucchi Editore: 45 - 56
- De Zio, S., 1962. Descrizione di *Batillipes annulatus* n. sp. e note su *Batillipes pennaki* Marcus, nuovo rinvenimento nel Mediterraneo (Heterotardigrada). **Ann. Ist. Mus. Zool. Univ. Napoli**, 14: 1 - 7
- De Zio, S., 1964. Distribuzione dei Tardigradi in spiagge pugliesi. **Ann. Ist. Mus. Zool. Univ. Napoli**, 16: 1 - 8
- De Zio, S. and Grimaldi, P., 1964. Ricerche sulla distribuzione ed ecologia di *Batillipes pennaki* Marcus in una spiaggia pugliese (Heterotardigrada). **Cah. Biol. Mar.**, 5: 271 - 285
- De Zio, S. and Grimaldi, P., 1966. Ecological Aspects of Tardigrada Distribution in South Adriatic Beaches. **Veröff. Inst. Meeresf. Bremerh.**, 2: 87 - 94
- Doncaster, C., C. and Hooper, D. J., 1961. Nematodes attacked by protozoa and tardigrades. **Nematologica** 6: 333 - 335
- Dougherty, E. C., 1964. Cultivation and nutrition of the micrometazoa. II. An Antarctic strain of the tardigrade *Hypsibius arcticus* (Murray, 1907) Marcus 1928. **Transactions of the American Microscopical Society**, 83: 7 - 11
- Dougerthy, E. C., Fernal, D. J. and Solberg, B., 1961. Xenic cultivation of antarctic micrometazoa. I. The tardigrade *Hypsibius arcticus* (Murray, 1907) Marcus, 1928. **Amer. Zool.**, 1: 350 - 351
- Doyère, M. L., 1843. On the revivication of Tardigrades and Rotifers. **Eding new Phil. Journ**, 36: x - y
- Doyère, P. L. N., 1840. Memoire sur les Tardigrades. **Annales des Sciences Naturelles, Zool.**, Paris, Series, 2, 14: 269 - 362
- Doyère, P. L. N., 1842. Mémoires sur les Tardigrades. Sur la faculté que possèdent les Tardigrades, les Rotifers, les Anguillules det toits et quelques autres animalcules, de revenir à la vie après avoir été complètement desséchés. **Ann. Sci. Nat (Ser. 2)** 14: 5 -35
- Drechsler, C., 1951. An entomophthoraceous tardigrade parasite producing small conidia on propulsive cells in spicate heads. **Bull. Torrey Bot. Club** 78: 183 - 200
- Dudichev, A. L. and Biserov, V. I., 2000. Tardigrada from Iturup and Paramushir Islands (The Kuril Islands). **Zool. Zhurn.**, 79: 771 - 778 (In Russian)
- Duditchev, A. L., Golubev, A. I. and Biserov, V. I., 1998. Novye dannye o faune tikhokhodok (Tardigrada) zapadnoi chasti Tatastana (New data about fauna of tardigrada from west Tatarstan) pp. 129 - 133. In: Utkin, N. A. (ed.) *Bespozvonochnye zhivotnye Yuzhnogo Zaural'ya i sopredel'nykh territorii* (Invertebrates of Southern Transuralia and adjacent territories), Kurgan
- Dujardin, F., 1838. Sur les Tardigrades etc. **Ann. Sci. Nat. (Ser. 2)**. 10: 175 - 191
- Dujardin, F., 1851. Sur les Tardigrades et sur une espèce a longs pieds dans l'eau de mer. **Ann. Sci. Nat. (Ser. 3)**. 15: 160 - 166
- Durante Pasa, M. V. and Maucci, W., 1972. Descrizione di *Hypsibius (Isohypsibius) basalovi* sp. nov. e altre notizie su tardigradi del Veronese. **Memorie del Museo Civico di Storia Naturale, Verona** 20: 275 - 281
- Durante Pasa, M. V. and Maucci, W., 1974. Tardigradi muscolari dell'Istria con descrizione di due specie nuove. **Mem. Ist. Ital. Idrobiol.**, 32 (Suppl.): 69 - 91

- Durante Pasa, M. V. and Maucci, W., 1975. Descrizione di tre nuove specie di Tardigradi della Scandinavia. Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano 116 (3-4): 244 - 250*
- Durante Pasa, M. V. and Maucci, W., 1975. Tardigradi muscicoli dell'Istria con descrizione di due specie nuove. Mem. Ist. Ital. Idrobiol., Pallanza, 32 suppl.: 69 - 91*
- Durante Pasa, M. V. and Maucci, W., 1979. Moss Tardigrada from the Scandinavian Peninsula. Second International Symposium on Tardigrada, Krakow, Poland July 28 - 30 1977, Zeszyty Naukowe Uniwersytetu Jagiellockiego, Prace Zoologiczne, Krakow 79 (25): 47 - 85*
- Durante Pasa, M. V. and Maucci, W., 1979. Tardigradi muscicoli della Grecia. Zesz. Nauk. Univ. Jagiellon. Prace Zool. 25: 19 - 45*

E

- Ehrenberg, C. G., 1834. Über Trionychium ursinum. Isis von Oken. p. 710*
- Ehrenberg, C. G., 1848. Fortgesetzte Beobachtungen über jetzt herrschende atmosphärische mikroskopische, etc. mit Nachtrag und Novarum Specierum Diagnosis. Akad. Wiss., Monatsberichte, Berlin pp. 370 - 381*
- Ehrenberg, C. G., 1853. Diagnoses novarum formarum. Verh. K. Ak. Wiss. Berlin, 8, 526 - 533*
- Ehrenberg, C. G., 1854. Das Erden und Felsen schaffende Wirken des unsichtbar kleinen selbständigen Lebens auf der Erde. Mikrogeologie usw., Voss, Atlas (Tardigrada: Table 35B)*
- Ehrenberg, C. G., 1859. Beitrag zur Bestimmung des stationären mikroskopischen Lebens in bis 20,000 Fuss Alpenhöhe. Abhand. K. Akad. Wiss. Berlin. 1858 pp. 429 - 456*
- Ehrenberg, C. G., 1861. Mikroskopisches Leben auf der Insel St. Paul im Süd-Ocean. Mon. Ber. Kgl. Preuss. Ak. Wissensch. Berlin 2 p. 1097*
- Eiby-Jacobsen, J., 1996. On the nature of pharyngeal muscle cells in the Tardigrada. Zool J. Linn Soc., 116: 123 - 138*
- Eiby-Jacobsen, J., 1997. Development, ultrastructure and function of the pharynx of Halobiotus crispae Kristensen, 1982 (Eutardigrada). Acta Zool., 78: 329 - 347*
- Eiby-Jacobsen, J., 1996/97. New observations on the embryology of the Tardigrada. Zool. Anz. 235: 201 - 216*
- Eiby-Jacobsen, J., 2001. A new method for making SEM preparations on the tardigrade buccopharyngeal apparatus. Zool. Anz. 240: 309 - 321*
- Eiby-Jacobsen, J., 2001. Are the supportive structures of the tardigrade pharynx homologous throughout the entire group? J. Zool. Syst. Evol. Res., 39: 1 - 11*
- Eichorn, J. C., 1775. Beyträge zur Natur-Geschichte der kleinsten Wasser Thierchen (8 Kupfer-Tafeln, p. 74, tab. 7, fig. E). Der Wasser-Bar. Danzig*
- Ellsworth, C., Dougherty, E. C., Ferral, D. J. and Solberg, G., 1961. Xenic cultivation of antarctic micrometazoa I. The tardigrade Hypsibius arcticus (Murray, 1907) Marcus 1928. Amer. Zool., 1: 350 - 351*
- English, H., 1936. Über die lateralen Darmanhangsdrüsen (Vasa malpighii) der Tardigraden. Zool. Jahrb., Syst., Jena, 68: 325 - 352*
- Erlanger, R. von, 1894. Zur Morphologie und Embryologie eines Tardigraden, etc. Vorl. Mitt. I. Biol. Ctrl., 14: 582 - 585*

- Erlanger, R. von, 1894. Zur Morphologie und Embryologie eines Tardigraden, etc. Vorl. Mitt. II. **Biol. Ctrl.**, 15: 772 - 777
- Erlanger, R. von, 1895. Beiträge zur Morphologie der Tardigraden. I. Zur Embryologie eines Tardigraden: *Macrobiotus macronyx* Dujardin, **Morphol. Jahrb.**, 22: 491 - 513
- Ettershank, G., Main, B., Williams, W. D., Blower, J. G. and Ghent, R. L., 1972. Phylum Arthropoda: subphylum II tardigrada. In: Marshall A. J., Williams W. D. (eds.) Textbook of zoology: invertebrates. The Mcmillan Press, London, pp 408
- Evans, W. A., 1982. Abundances of micrometazoans in three sandy beaches in the island area of Western Lake Erie. **Ohio J. Sci.**, 82: 246 - 251
- Everitt, D. A. 1981. An ecological study of an Antarctic freshwater pool with particular reference to Tardigrada and Rotifera. **Hydrobiologia**, 83: 225 - 237

F

- Fabiano, M. and Danovaro, R., 1999. Meiofauna distribution and mesoscale variability in two sites of the Ross Sea (Antarctica) with contrasting food supply. **Polar Biology** 22: 115 - 123
- Faurby, S., Jönsson, K. I., Rebecchi, L. and Funch, P., 2008. Variation in anhydrobiotic survival of two eutardigrade morphospecies: a story of cryptic species and their dispersal. **Journal of Zoology**, 275: 139 - 145
- Felföldi, L. and Iharos, G., 1947. A mohaszövetkezetek es a tardigtadumfauna közti összefüggés a Tihanyi-félsziget északi partvonalán. **Borbasia**. 7: 31 - 38
- Fenchel, T., Jansson, B. O. and Thun, W. von, 1967. Vertical and horizontal distribution of the metazoan microfauna and of some physical factors in a sandy beach in the northern part of the Øresund. **Ophelia**, 4: 227 - 243
- Fize, A., 1957. Description d'une espece nouvelle de Tardigrade *Batillipes carnonensis*. **Bull. Soc. Zool. Fr.**, 32: 430 - 433
- Fleeger, J. W. and Hummond W. D., 1975. Distribution and abundance of soil Tardigrada in cultivated and uncultivated plots of an old field pasture. **Mem. Ist. Ital. Idrobiol.** 32 Suppl.: 93 - 112
- Fontoura, P., 1981. Contribution pour l'etude des Tardigrades terrestres du Portugal. Avec la description d'une nouvelle espèce du genre *Macrobiotus*. **Publicacoes do Instituto de Zoologia "Dr. Augusto Nobre", Faculdade Ciencias do Porto**, LXII: 157 - 178
- Fontoura, P., 1982. Deux nouvelles espèces de tardigrades muscicoles du Portugal. **Publicacoes do Instituto de Zoologia "Dr. Augusto Nobre", Faculdade Ciencias do Porto**, 165: 5 - 19
- Fontoura, P., 1985. Primeiro contributo para o conhecimento da fauna de tardigrados dos Acores. **Arquipélago**, 4: 45 - 56
- Fontuora, P. and Pilato, G., 2007. *Diphascon (Diphascon) faialense* sp. nov. a new species of tardigrada (Eutardigrada, Hypsibiidae) from Azores and a key to the species of the D. pingue group. **Zootaxa**, 1589: 47 - 55
- Fontuora, P., Pilato, G., and Lisi, O., 2008. Echiniscidae (Tardigrada, Heterotardigrada) from Faial and Pico islands, the Azores, with the description of two new species. **Zootaxa**, 1693: 49 - 61

- Fontuora, P., Pilato, G., and Lisi, O., 2008. New records of eutardigrades (Tardigrada) from Faial and Pico Islands, the Azores, with the description of two new species. **Zootaxa**, 1778: 37 - 47
- Fontuora, P., Pilato, G., Lisi, O. and Morais, P., 2009. Tardigrades from Portugal: four new records and description of two new species. **Zootaxa** 2030: 21 - 38
- Fontuora, P., Pilato, G., Morais, P. and Lisi, O., 2009. *Minibiotus xavieri*, a new species of tardigrade from Parque Biológico de Gaia, Portugal (Eutardigrada: Macrobiotidae). **Zootaxa**, 2267: 55 - 64
- Forneris, L., 19XX. Über *Hypsibius augusti* (J. Murray, 1907) (Tardigrada). XXXX: 89 - 92
- Fox and Irving, 1961. Tardigrados en las heces fecales du un caracol terrestre de Puerto Rico. **Il Congr. Latinoamer. y I Nac. Microbiol.** p. 59
- Fox, I., 1966. On the significance of tardigrades in the digestive tract of snails. **Proc. First Int. Congr. Parasitol.**, 2: 1064
- Fox, I. and Garcia-Moll, I., 1962. *Echiniscus molluscorum*, new tardigrade from the feces of the land snail, *Bulimulus exilis* (Gmelin) in Puerto Rico (Tardigrada: Scutechiniscidae) **Jour. Parasitol.**, 48: 177 - 181
- Franceschi, T., 1948. Anabiosi nei Tardigradi. **Boll. Mus. Ist. biol. Univ. Genova** 22: 47 - 49
- Franceschi, T., 1951-52. Contributo alla conoscenza dei Tardigradi d'Italia. **Boll. Mus. Ist. Biol. Univ. Genova**, 24: 1 - 15
- Franceschi, T., 1952. Sul ritrovamento in Valcamonica di *Pseudechiniscus novaezeelandiae* f. *marinae* Bartos e di *Pseudechiniscus scortecii* n. sp. (Tardigrada). **Doriana, suppl. agli Ann. Mus. Civ. St. Nat. "G. Doria"**, Genova, I, 30
- Franceschi, T., 1957. Una nuova specie di *Echiniscus*. **Ann. Mus. Civ. St. Nat. Genova**, 69: 223 - 225
- Franceschi, T. and Lattes, A., 1964. Variabilità di alcuni elementi della corazza di *Echiniscus* (*E.*) *merokensis* Richters. **Atti Accad. Sc. Lett**, 21: 13 - 43
- Franceschi-Crippa, T. and Lattes, A. 1967. Analisi della variazione della lunghezza degli esemplari di una popolazione di *Macrobiotus hufelandi* Schultze in rapporto con l'esistenze di mute. **Boll. Mus. Ist. Biol. Univ. Genova, Sez. Biol. Anim.**, 35: 45 - 54
- Franceschi-Crippa, T. and Lattes, A., 1968-69. Ulteriore contributo allo studio della variazione della lunghezza individuale di *Macrobiotus hufelandii* Schultze in rapporto alle mute. **Boll. Mus. Ist. Univ. Genova**, 36: 41 - 45
- Franseschi, T., Loi, M. L. and Pierantoni, R. 1963. Risultati di una prima indagine ecologica condotta su popolazioni di Tardigradi. **Boll. Mus. Ist. Univ. Genova**, 32: 69 - 93
- Franz, H. and Mihelcic, F., 1954. Ordnung: Tardigrada. Pp. 281 - 287 in: Die Nordost-Alpen im Spiegel ihres Landtierwelt. Universitätsverlag Wagner, Innsbruck
- Frenzel, J., 1892. Untersuchungen über die mikroskopische Fauna Argentinien. *Salinella salve* nov. gen. nov. spec., (Phylum: Monoblastozoa) **Arch. f. Naturgesch.**, 1: 66 - 96

- Gabriel, W. N. and Goldstein, B., 2007. Segmental expression of Pax3/7 and engrailed homologs in tardigrade development. **Dev. Genes Evol.**, 217: 421 - 433
- Gabriel, W. N., McNuff, R., Patel, S. K., Ryan Gregory, T., Jeck, W. R., Jones, C. D. and Goldstein, B., 2007. The tardigrade *Hypsibius dujardini*, a new model for studying the evolution of development. **Developmental Biology**, 312: 545 - 559
- Gad, G., 2006. Bärtierchen (Tardigrada) im Grundwasser der Ostfriesischen Insel Norderney. **Mikrokosmos** 95: 98 - 112
- Gallo, M., D'Addabbo, M., De Leonardis, C., Sandulli, R. and De Zio Grimaldi, S., 2007. The diversity of Indian Ocean Heterotardigrada. Proceedings of the Tenth International Symposium on Tardigrada. **J. Limnol.**, 66 (Suppl. 1): 60 - 64
- Gallo D'Addabbo, M., Sandulli, R. and de Zio Grimaldi, S. 2005. A new Batillipedidae (Tardigrada, Heterotardigrada) from Orosei Gulf, Sardinia, Tyrrhenian Sea. **Zool. Anz.** 243 (4): 219 - 225
- Garagna, S., Rebecchi, L. and Guidi A., 1996. Genome size variation in Tardigrada. **Zoological Journal of the Linnean Society**, 116: 115 - 121
- Gardiner, C. E. and Pidgeon, R. W. J., 1987. Structure and function of terrestrial Antarctic communities with special reference to Tardigrada. - **1986 - 87 Australian Antarctic Research Program (Antarctic Division, Kingston, Tasmania)**, 78 - 80
- Garey, J. R., 2001. Ecdysozoa: The Relationship between Cycloneuralia and Panarthropoda. **Zool. Anz.**, 240: 321 - 330
- Garey, J. R., 2006. The biology of tardigrades: and introduction to the 9th international symposium on Tardigrada. **Hydrobiologia** 558: 1 - 3
- Garey, J. R., Krotec, M., Nelson D. R. and Brooks, J., 1996. Molecular analysis supports a tardigrade-arthropod association. **Invertebr. Biol.** 115: 79 - 88
- Garey, McInnes, S. J. and Brent Nichols, P., 2008. Global diversity of tardigrades (Tardigrada) in freshwater. **Hydrobiologia** 595: 101 - 106
- Garey, J. R., Nelson, D. R., Mackey, L. Y. and Li, J., 1999. Tardigrade phylogeny: Congruency of morphological and molecular evidence. **Zool. Anz.** 238: 205 - 210
- Gavaret, J., 1859. Quelques expériences sur les Rotiferes, les Tardigrades et les Anguillules des mousses des toits. **Ann. Sci. Nat.**, 11: 315
- Geddes, D. C., 1968. A note on the marine tardigrade *Hypsibius (Isohypsibius) stenostomus* (Richters) from the Tromsø area, Northern Norway. **Astarte** 33: 1 - 4
- Geus, A., XXXX. Die Anfänge der Tardigradenforschung. ?????: 403 - 410
- Gerlach, S. A., 1965. Über die Fauna in der Gezeitenzone von Spitzbergen. In: *Proceedings of the Fifth Marine Biological Symposium, Göteborg 1965*, **Botanica Gothoburgensia** III: 81 - 92
- Gibson, J. A. E., Cromer, L., Agius, J. T., McInnes, S. J. and Marley, N. J., 2007. Tardigrade eggs and exuviae in Antarctic lake sediments: insights into Holocene dynamics and origins of the fauna. *Proceedings of the Tenth International Symposium on Tardigrada*. **J. Limnol.**, 66 (Suppl. 1): 65 - 71
- Giribet, G., Carranza, S., Baganña, J, Riutort, M. and Ribera, C., 1996. First molecular evidence for the Existence of a Tardigrada + Arthropoda clade. **Mol. Biol. Evol.** 13: 76 - 84
- Goldstein, B. and Blaxter, M., 2002. Tardigrades. **Curr. Biol.**, 12: R475
- Goeze, J. A. E., 1773. Über der Kleinen Wasserbär. Page 67 in: H. K. Bonnet, editor. **Abhandlungen aus der Insectologie**, Übers. Usw, 2. Beobachtg.: 367 - 375

- Grabowski B. 1995. Ökologische Untersuchungen an moos-bewohnenden Bärtierchen (Tardigrada) mit einem Bericht über drei neue Arten für Deutschland. **Acta Biol. Benrodis**, 7: 77 - 98
- Greaves, P. M., 1989. An introduction to the study of tardigrades. **Microscopy**, 36: 230 - 239
- Greaves, P. M., 1991. Notes on the tardigrade fauna of Surrey. **Microscopy** 36: 549 - 556
- Greaves, P. M., 1993. Tardigrades. In Survey of Bookham Common, Progress Report for 1992. **Lond. Nat.**, 72: 107 - 108
- Greaves, P. M., 1996. The ill-fated JAMES MURRAY. **Quekett J. Microsc.**, 37: 606 - 620
- Greaves, P. M. and Marley, N. J., 1994. The tardigrade fauna of Bookham Common. **The London Naturalist**, 73: 185 - 190
- Greiff, R., 1865. Nervensystem der Bärtierchen. **Arch. Mikroskop. Anat.**, 1: 101 - 122
- Greiff, R., 1866. Untersuchungen über den Bau und die Naturgeschichte der Bärtierchen. **Arch. Mikroskop. Anat.**, 2: 102 - 131
- Green, J., 1950. Habits of the marine Tardigrade *Echiniscoides sigismundi*. **Nature**, 166: 153 - 154
- Grell, K. G. von, 1937. Beiträge zur Kenntnis von *Actinarctus doryphorus* E. Schulz nebst Bemerkungen zur Tardigradenfauna des Helgoländer Skitt-Gatts. **Zool. Anz.**, 117: 143 - 154
- Grell, K. G. von, 1938. Bärtierchen des Meeres. **Mikrokosmos Jahrbuch**, 32: 153 - 156
- Greven, H., 1971. Faunistisch-ökologische und funktionmorphologische Untersuchungen an heimischen Tardigraden. Diss. Münster
- Greven, H., 1971. Zur feinstruktur der inneren epicuticula von *Echiniscus testudo*. **Naturwissenschaften**, 58: 367 - 368
- Greven, H., 1971. Zur morphologie der Tardigraden. Rasterelektronenmicroscopische untersuchungen an *Macrobotus hufelandi* und *Echiniscus testudo*. **Forma Functio** 4: 283 - 302
- Greven, H., 1972. Tardigraden des nördlichen Sauerlandes. **Zool. Anz.**, 189: 368 - 381
- Greven, H., 1972. Vergleichende Untersuchungen am Integument von Hetero- und Eutardigraden. **Z. Zellforsch.** 135: 517 - 538
- Greven, H., 1973. Die Kryptobiose der Bärtierchen. **Mikrokosmos**, 3: 65 - 69
- Greven, H., 1975. New results and considerations regarding the fine structure of the cuticle in Tardigrades. In R. P. Higgins, editor, International Symposium on Tardigrades, Pallanza, Italy, June 17 - 19, 1974. **Memoire Ist. ital. Idrobiol. suppl.** 32: 113 - 131
- Greven, H., 1976. Some ultrastructural observations on the midgut epithelium of *Isohypsibius augusti* (Murray, 1907) (Eutardigrada). **Cell Tissue Res.**, 166: 339 - 351
- Greven, H., 1977. *Isohypsibius granulifer* Thulin, 1928 - ein neuer Tardigrade für Deutschland. **Decheniana** (Bonn), 130: 128 - 130
- Greven, H., 1979. Notes on the structure of vasa Malpighii in the eutardigrade *Isohypsibius augusti* (Murray 1907). In Weglarska, B., (ed.) *Second International symposium on tardigrades*, Krakow, Poland, July 28 - 30, 1977. **Zesz. Nauk. Uniw. Jagiellon., Pr. Zool.** 25: 87 - 95
- Greven, H., 1980. Die Bärtierchen. Die Neue Brehm-Bucherei. Vol 537. Ziemsen Verlag. Wittenberg Lutherstadt, G.D.R.
- Greven, H., 1982. Homologues or analogues? A survey of some structural patterns in the Tardigrada. . In: Nelson D.R. ed, **Proceedings of the Third**

International Symposium on Tardigrada. East Tennessee State University Press, Johnson City, Tennessee: 55 - 76

- Greven, H., 1984. Tardigrada. In J. Bereiter-Hahn, A. G. Matolsky and K. S. Richards (eds.): *Biology of the Integument*, Vol. 1 Invertebrates, Berlin: Springer Verlag, pp. 714 - 727
- Greven, H., (ed.) 1999. Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany. **Zool. Anz.**, 238: 133 - 346
- Greven, H., 2007. Tardigrada. Pp. 456 - 462 in: WESTHEIDE, W. & RIEGER, R. (eds.). *Spezielle Zoologie. Teil 1: Einzeller und Wirbellose Tiere* (2. Auflage). Elsevier GmbH. München.
- Greven, H., 2007. Comments on the eyes of tardigrades. **Arthropod Structure & Development**, 36: 401 - 407
- Greven, H. and Blom, H. J., 1977. *Isohypsibius granulifer* Thulin 1928 - ein neuer Tardigrade für Deutschland. **Decheniana** (Bonn), 130: 128 - 130
- Greven, H., Dastych, H. and Kraus, H. J., 2005. Notes on the integument of the glacierdwelling tardigrade *Hypsibius klebelsbergi* Mihelcic, 1959 (Tardigrada). **Mitt. hamb. zool. Mus. Inst.**, 102: 11 - 20
- Greven, H. and Greven, W., 1987. Observations on the permeability of the tardigrade cuticle using lead as an ionic tracer. Pages 35 - 43 in: R. Bertolani, editor. *biology of Tardigrades. Selected Symposia and Monographs U. Zi. I.*, 1. Mucchi, Modena, Italy
- Greven, H. and Grohe, G., 1975. Die Feinstruktur des Integuments und der Muskelansatzscellen von *Echiniscoides sigismundi*. **Helgoländer Wissenschaftliche Meeresuntersuchungen**, 27: 450 - 460
- Greven, H. and Kristensen, R.M., 2001. Some aspects of spermiogenesis and spermatozoa ultrastructure in *Echiniscoides sigismundi* (Heterotardigrada: Echiniscidae). **Zool. Anz.**, 240: 331 - 339
- Greven, H. and Kuhlmann, D., 1972. Die Struktur des Nervengewebes von *Macrobiotus hufelandi* C. A. S. Schultze (Tardigrada). **Z. Zellforsch.** 132: 131 - 146
- Greven, H. and Peters, W., 1986. Localisation of chitin in the cuticle of Tardigrada using wheat germ agglutinin gold conjugate as a specific electron dense marker. **Tissue and Cell**, 18: 297 - 304
- Greven, H. and Robenek, H., 1983. Freeze-fracture studies on tardigrade cuticle. **Tissue Cell**, 15: 329 - 340
- Greven, H. and Schüttler, L., 2001. How to crawl and dehydrate on moss. **Zool. Anz.**, 240: 341 - 344
- Grigarick, A. A., Mihelcic, F. and Schuster, R. O., 1964. New Tardigrada from Western North America I: *Pseudechiniscus*. **Proc. Biol. Soc. Wash.**, 77: 5 - 8
- Grigarick, A.A., Schuster, R. O. and Nelson, D. R., 1983. Heterotardigrada of Venezuela (Tardigrada). **Pan-Pacific Entomol.**, 59: 64 - 77
- Grigarick, A.A., Schuster, R. O. and Toftner, E. C., 1973. Descriptive morphology of eggs of some species in the *Macrobiotus hufelandi* group (Tardigrada: Macrobiotidae). **The Pan-Pacific Entomol.** 49: 258 - 263
- Grigarick, A.A., Schuster, R. O. and Toftner, E. C., 1973. *Macrobiotus montanus* from California (Tardigrada: Macrobiotidae). **Pan Pacific Entomol.**, 43: 229 - 231
- Grigarick, A.A., Schuster, R. O. and Toftner, E.C., 1975. Morphogenesis of two species of *Echiniscus*. **Mem. Ist. Ital. Idrobiol.**, 32, Suppl.: 133 - 151

- Grimaldi de Zio, S., 1986. Evoluzione dei tardigradi marini. **Nova Thalassia**, 8 (Suppl. 3) 449 - 460
- Grimaldi de Zio, S. and D`Addabbo Gallo, M. 1975. Reproductive cycle of *Batillipes pennaki* Marcus (heterotardigrada) and observations on the morphology of the female genital apparatus. **Publ. Sta. zool. Napoli**, 39, Suppl., 212 - 225
- Grimaldi de Zio, S. and D`Addabbo Gallo, M. 1975. Post-embryonal development and moults in *Batillipes pennaki* Marcus (Heterotardigrada). **Riv. Biol.**, 68: 243 - 274
- Grimaldi de Zio, S. and D`Addabbo Gallo, M. 1975. Sviluppo posembryonale e mute in *Batillipes pennaki* Marcus (Heterotardigrada). **Rivista di Biologia** 68: 243 - 274
- Grimaldi de Zio, S. and D`Addabbo Gallo, M. 1987. *Archechiniscus minutus* n. sp. and its systematic position within Arthrotardigrada (Tardigrada: Heterotardigrada) in *Biology of Tardigrades* (Ed. R. Bertolani). **Selected Symposia and Monographs UZI**, 1, **Mucchi, Modena** pp. 253 - 260
- Grimaldi de Zio, S. and D`Addabbo Gallo, M. 2001. Further data on the Mediterranean Sea Tardigrade fauna. **Zool. Anz.**, 240: 345 - 360
- Grimaldi de Zio, S., D`Addabbo Gallo, M. and Morone de Lucia, M.R. 1977. Ciclo biologico di *Batillipes pennaki* Marcus (Heterotardigrada). **Atti. IX Congr. Soc. ital. Biol. Marina.**,: 285 - 292
- Grimaldi de Zio, S., D`Addabbo Gallo, M. and Morone de Lucia, M.R. 1980. Osservazioni sullo sviluppo post-embrionale di *Florarctus hulingsi* Renaud-Mornant (Heterotardigrada). **Mem. Biol.mar Oceanogr. (N.S.)**, 10 (Suppl.): 407
- Grimaldi de Zio, S., D`Addabbo Gallo, M. and Morone de Lucia, M.R. 1980. Adaptive radiation and phylogenesis in marine tardigrada and the establishment of Neostygarctidae, a new family of Heterotardigrada. **Boll. Zool.**, 54: 27 - 33
- Grimaldi de Zio, S., D`Addabbo Gallo, M. and Morone de Lucia, M.R., 1981. Lo sviluppo postembryonale nei Batillipedidae ed Halechiniscidae (Heterotardigrada). **Boll. Zool.**, 48: 64
- Grimaldi de Zio, S., D`Addabbo Gallo, M. and Morone de Lucia, M.R., 1982. Note sull'ecologia dei tardigradi marini (Heterotardigrada). **Boll. Mus. Ist. Biol. Univ. Genova.**, 50: 223 - 227
- Grimaldi de Zio, S., D`Addabbo Gallo, M. and Morone de Lucia, M.R., 1982. *Neostygarctus acanthophorus*, n. gen. n. sp., nuovo Tardigrado marino del Mediterraneo. **Cah. Biol. Mar.**, 23: 319 - 324
- Grimaldi de Zio, S., D`Addabbo Gallo, M. and Morone de Lucia, M.R., 1983. Marine Tardigrades of the "Secca dell'Armeleia" (Ionian sea), and redescription of *Raiarctus colorus* Renaud-Mornant 1981 (Heterotardigrada). **Oebalia**, 9: 33 - 42
- Grimaldi de Zio, S., D`Addabbo Gallo, M. and Morone de Lucia, M.R., 1987. Adaptive radiation and phylogenesis in marine Tardigrada and the establishment of Neostygarctidae, a new family of Heterotardigrada. **Bollettino di Zoologia**, 54: 27 - 33
- Grimaldi de Zio, S., D`Addabbo Gallo, M. and Morone de Lucia, M.R., 1988. Two new Mediterranean species of the genus *Halechiniscus* (Tardigrada: Heterotardigrada). **Bollettino di Zoologia**, 55: 205 - 211
- Grimaldi de Zio, S., D`Addabbo Gallo, M. and Morone de Lucia, M.R., 1990. Revision of the genus *Halechiniscus*. **Cahiers de Biologie Marine**, 31: 271 - 279
- Grimaldi de Zio, S., D`Addabbo Gallo, M. and Morone de Lucia, M. R., 1992. *Neoarctus primigenius* n. g., n. sp., a new Stygarctidae of the Tyrrhenian Sea (Tardigrada, Arthrotardigrada). **Boll. Zool.**, 59: 309 - 313
- Grimaldi de Zio, S., D`Addabbo Gallo, M. and Morone de Lucia, M. R., 1998. A new

- Stygarctidae from South Tyrrhenian Sea (Tardigrada, Heterotardigrada). **Cah. Biol. Mar.**, 39: 83 - 91
- Grimaldi de Zio, S., D'Addabbo Gallo, M., Morone de Lucia, M. R. and D'Addabbo, L., 1987. Marine Arthrotardigrade and Echiniscoidea (Tardigrada, Heterotardigrada) from the Indian Ocean. **Boll. Zool.** 4: 347 - 357
- Grimaldi de Zio, S., D'Addabbo Gallo, M., Morone de Lucia, M.R. and Grimaldi, P., 1980. Ulteriori dati sui Tardigradi del mesopsammon di alcune spiagge pugliesi, **Thalassia Salentina**, 10: 45 - 65
- Grimaldi de Zio, S., D'Addabbo Gallo, M., Morone de Lucia, M.R. and Grimaldi, P., 1980. Osservazioni sullo sviluppo postembrionale di *Florarctus hulingsi* Renaud-Mornant (Heterotardigrada). **Mem. Biol. Mar. Oceanogr.**, Suppl., 10: 407
- Grimaldi de Zio, S., D'Addabbo Gallo, M., Morone de Lucia, M.R. and Grimaldi, P., 1980. Conoscenze attuali sulla distribuzione dei Tardigradi marini nel bacino del Mediterraneo. **Memorie di Biologia Marina e di Oceanografia N. S. - Suppl.** 10: 403 - 405
- Grimaldi de Zio, S., D'Addabbo Gallo, M., Morone de Lucia, M.R. and Grimaldi, P. 1990. Revision of the genus *Halechiniscus* Halechiniscidae Arthrotardigrada. **Cah. Biol. Mar.** 31: 271 - 279
- Grimaldi de Zio, S., D'Addabbo Gallo, M., Morone de Lucia, M.R., Sandulli, M. R., D'Addabbo, R., Faienza, M. G. and Pietanza, R., 1999. First data on subtidal meiofauna of Tremiti Islands. **Biol. Mar. Medit.**, 6: 380 - 382
- Grimaldi de Zio, S., D'Addabbo Gallo, M., Morone de Lucia, M. R. and Troccoli, A., 1990. New description of *Neostygarctus acanthophorus* (Tardigrada, Arthrotardigrada). **Cah. Biol. Mar.**, 31: 409 - 416
- Grimaldi de Zio, S., D'Addabbo Gallo, M., Morone De Lucia, R. M., and Troccoli, A., 1995/1996. *Hemitanarctus chimaera* ng., n. sp., new Halechiniscidae from Ionian Sea (Tardigrada, Heterotardigrada). **Zool. Anz.**, 234: 167 - 174
- Grimaldi de Zio, S., D'Addabbo Gallo, M., Morone de Lucia, M.R., Vaccarella, R. and Grimaldi, P., 1982. Quattro nuove specie di Halechiniscidae rivenute in due grotte sottomarine dell'Italia meridionale (Tardigrada: Heterotardigrada). **Cah. Biol. Mar.** 23: 415 - 426
- Grimaldi de Zio, S., D'Addabbo Gallo, M. and Pietanza, R., 2000. Two new sub-Antarctic Echiniscoididae from Marion Island (Heterotardigrada, Echiniscoidea). **Ital. J. Zool.**, 67: 221 - 228
- Grimaldi de Zio, S., D'Addabbo Gallo, M., Sandulli, R. and D'Addabbo, R., 2003. Checklist of the Italian marine Tardigrada. **Meiofauna Mar.**, 12: 97 - 135
- Grimaldi de Zio, S., Lamarca, A., D'Addabbo Gallo, M. and Pietanza, R., 1999. Florarctinae of Asdhu Island, Maldives, Indian Ocean (Tardigrada, Heterotardigrada). **Ital. J. Zool.**, 66: 383 - 391
- Grimaldi de Zio, S., Morone de Lucia, M. R. and D'Addabbo Gallo, M. 1983. Marine Tardigrades ecology. **Oebalia**, 9: 15 - 31
- Grimaldi de Zio, S., Morone de Lucia, M. R. and D'Addabbo Gallo, M. 1984. Relazione tra morfologia ed ecologia nei Tardigradi marini (Heterotardigrada-Arthrotardigrada). **Cahiers de Biologie Marine** 25: 67 - 73
- Grimaldi de Zio, S., Morone de Lucia, M. R., D'Addabbo Gallo, M. and Grimaldi, P., 1979. Osservazioni su alcuni Tardigradi di una spiaggia pugliese e descrizione di *Batillipes adriaticus* sp. nov. (Heterotardigrada). **Thalassia salentina**, 9: 37 - 50
- Grimaldi de Zio, S. and Villora-Moreno, S., 1995. *Halechiniscus chafarinensis* n. sp. (Halechiniscidae) a new marine tardigrada from Alboran Sea (SW Mediterranean Sea). **Cahiers de Biologie Marine**, 36: 285 - 289

- Grohe, G., 1976. Das marine Bärtierchen *Echiniscoides sigismundi*. Verhalten bei extremen Umwelteinflüssen. **Mikrokosmos**, 5: 129 - 132
- Grohe, G., 1976. Zur Verbreitung der Tardigradenart *Echiniscoides sigismundi* in der *Enteromorpha*-Zone von Helgoland. **Faun. Ökol. Mitt.**, 59 - 64
- Grøngaard, A., Kristensen, R.M. and Petersen, M.K. 1990. Tardigradafaunaen på Disco. **Feltkurs i Arktisk biologi**, Godhavn, 1990: 155 - 179
- Grøngaard, A., Pugh, P. and McInnes, S., 1999. Tardigrades and other cryoconite biota, on Greenland Ice Sheet. In H. Greven (ed.), *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany*. **Zool. Anz.**, 238: 211 - 214
- Guidetti, R., 1998. Two new species of Macrobiotidae (Tardigrada: Eutardigrada) from the United States of America, and some taxonomic considerations of the genus *Murrayon*. **Proceedings of the Biological Society of Washington** 111: 663 - 673
- Guidetti, R., Altiero, T. and Hansen, J. G., 2006. A new species of freshwater tardigrades from Disko Island (Greenland) increases an unsolved paradox in tardigrade systematics. **Hydrobiologia**, 558: 69 - 79
- Guidetti, R. and Bertolani, R. 2001. An evolutionary line of the Macrobiotinae (Tardigrada, Eutardigrada): *Calcarobiotus* and related species. **Ital. J. Zool.**, 68: 229 - 233
- Guidetti, R. and Bertolani, R. 2001. Phylogenetic relationships in the Macrobiotidae (Tardigrada: Eutardigrada: Parachela). **Zool. Anz.** 240: 371 - 376
- Guidetti, R. and Bertolani, R., 2001. The tardigrades of Emilia (Italy). III. Piane di Mocogno (Northern Apennines): **Zool. Anz.**, 240: 377 - 383
- Guidetti, R. and Bertolani, R., 2005. Tardigrade taxonomy: an updated check list of the taxa and a list of characters for their identification. **Zootaxa**, 845: 1 - 46
- Guidetti, R., Bertolani, R. and Degma, P., 2007. New taxonomic position of several Macrobiotus species (Eutardigrada: Macrobiotidae). **Zootaxa**, 1471: 61 - 68
- Guidetti, R., Bertolani, R. and Nelson, D., 2001. Ecological and faunistic studies in Tardigrades in leaf litter of beech forests. *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany*. **Zool. Anz.**, 238: 215 - 223
- Guidetti, R., Boschini, D., Rebecchi, L. and Bertolani, R. 2006. Encystment process and "Matrioshka-like stage" cyst in a moss-dwelling and in a limnic species of eutardigrades (Tardigrada). **Hydrobiologia**, 558: 9 - 21
- Guidetti, R., Colavita, C., Altiero, T., Bertolani, R. and Rebecchi, L., 2007. Energy allocation in two species of Eutardigrada. In: **Pilato, G. and Rebecchi, L. (eds.) Proceedings of the Tenth International Symposium on Tardigrada. J. Limnol. (66 Suppl.)** 1: 111 - 118
- Guidetti, R., Gandolfi, A., Rossi, V. and Bertolani, R., 2005. Phylogenetic analysis of Macrobiotidae (Eutardigrada, Parachela): a combined morphological and molecular approach. **Zool. Scripta**, 34: 235 - 244
- Guidetti, R. and Jönsson, K. I., 2002. Long-term anhydrobiotic survival in semi-terrestrial micrometazoans. **J. Zool.**, 257: 181 - 187
- Guidetti, R., Rebecchi, L. and Bertolani, R., 2000. Cuticle structure and systematics of Macrobiotidae (Tardigrada: Eutardigrada). **Acta Zool.**, 81: 27 - 36
- Guidetti, R., Nelson, D.R. and Bertolani, R. 1999. Ecological and faunistic studies on tardigrades in leaf litter beech forests. **Zool. Anz.**, 238: 215 - 223

- Guidetti, R. and Pilato, G., 2002. Revision of the genus *Pseudodiphascon* (Tardigrada: Macrobiotidae) with the erection of three new genera. **J. Nat. Hist.**, 37: 1679 - 1690
- Guidetti, R., Rebecchi, L. and Bertolani, R., 2000. Cuticule structure and systematics of Macrobiotidae (Tardigrada: Eutardigrada). **Acta Zool.**, 81: 27 - 36
- Guidetti, R., Schill, R. O., Bertolani, R., Dandekar, T. and Wolf, M., 2009. New molecular data for tardigrade phylogeny, with erection of *Paramacrobiotus* gen. n. **Journal of Zoological Systematics and evolutionary Research**, 47: 315 - 321
- Guidi, A. and Grabowski, B., 1996. A new species of *Isohypsibius* (Tardigrada, Eutardigrada, Hypsibiidae) from Germany. **Acta. Biol. Benrodis**, 8: 145 - 148
- Guidi, A. and Rebecchi, L., 1996. Spermatozoon morphology as a character for tardigrade systematics: Comparison with sclerified parts of animals and eggs in eutardigrades. In S. McInnes and D. Norman (eds.), *Tardigrade biology. Proceedings of the sixth International symposium on Tardigrada, August 1994, Cambridge, England.* **Zoological Journal of the Linnean Society** 116: 101 - 113
- Guil, N., 2002. Diversity and distribution of Tardigrades (Bilateria, Tardigrada) from the Iberian Peninsula, Balearic Islands and Chafarinas Islands. **Graellsia**, 58: 75 - 94
- Guil, N., 2004. Los tardigrados terrestres de la Sierra de Guadarrama: diversidad, taxonomía y filogenia. PhD, Universidad Complutense de Madrid, Madrid
- Guil, N., 2008. New records and within-species variability of Iberian tardigrades (Tardigrada), with comments on the species from the *Echiniscus-blumi-canadensis* series. **Zootaxa**, 1757: 1 - 30
- Guil, N. and Cabrero-Sanudo, F. J., 2007. Analysis of the species description process for a little known invertebrate group: the limnoterrestrial tardigrades (Bilateria, Tardigrada). **Biodivers. Conservat.** 16: 1063 - 1086
- Guil, N. and Guidetti, R., 2005. A new species of Tardigrada (Eutardigrada: Macrobiotidae) from Iberian Peninsula and Canary Islands (Spain). **Zootaxa**, 889: 1 - 11
- Guil, N., Guidetti, R. and Machordóm, A., 2007. Observations on the *tenuis* group (Eutardigrada, Macrobiotidae) and description of a new *Macrobiotus* species. **Journal of Natural History**, 41: 2741 - 2755
- Guil, N., Hortal, J., Sánchez-Moreno, S. and Marchordon, A., 2008. Effects of macro and micro-environmental factors on the species richness of terrestrial tardigrade assemblages in an Iberian mountain environment. **Landscape Ecol.** ???????
- Guoth, S., 1986. Tardigrada of mosses in the little Carpathians. In Nosek, J. (ed.): The soil fauna of the little Carpathians. Ústav experimentálnej biológie a ekológie SAV, Bratislava: 355 - 358
- Gustavson, T. C., 1963. A report on collecting, preparing and mounting tardigrades from central eastern North Dakota. **Proc. N. Dak. Acad. Sci.**, 17: 28 - 31

H

- Hallas, T. E., 1969. Danmarks Tardigrader. **Natur og Museum** 13: 1 - 18
- Hallas, T. E., 1969. *Echiniscus testudo* (Doy.) En ny tardigrad for den danske fauna. (Arthropoda, Tardigrada). **Flora og Fauna**, 75: 23 - 24

- Hallas, T. E., 1971. Notes on the marine *Hypsibius stenostomus* complex, with a description of a new species (Tardigrada, Macrobiotidae). **Stenenstrupia** 1: 201 - 206
- Hallas, T. E., 1972. Some consequences of varying egg-size in Eutardigrada. **Vidensk. Meddr. dansk naturh. Foren.**, 135: 21 - 31
- Hallas, T. E., 1975. A mechanical method for the extraction of Tardigrada. *Memorie dell'Istituto Italiano di Idrobiol* 32 (Suppl.): 153 - 158
- Hallas, T. E., 1975. Interstitial water and Tardigrada in a moss cushion. **Ann. Zool. Fenn.**, 12: 255 - 259
- Hallas, T. E., 1977. Survey of the Tardigrada of Finland. **Ann. Zool. Fennici**, 14: 173 - 183
- Hallas, T. E., 1978. Habitat preference in terrestrial Tardigrades. **Ann. Zool. Fenn.**, 15: 66 - 68
- Hallas, T. E. and Kristensen, R. M., 1982. Two new species of the tidal genus *Echiniscoides* from Rhode Island, USA (Echiniscoididae, Heterotardigrada). **Proc. International Symposium on the Tardigrada. East state University Press, Johnson City**: 179 - 192
- Hallas, T. E. and Yeates, G. W., 1972. Tardigrades of the soil and litter of a Danish beech forest. **Pedobiologia** 12: 287 - 304
- Hansen, J. G., 2005. The ongoing investigation of the Faroe Bank Tardigrade fauna. *Frodskaparrit supplementum: Proceedings from the BIOFAR Symposium, Tórshavn, Faroe Islands, 24. - 26. April 2003, North-East Atlantic marine benthic organisms in the Faroes - taxonomy, distribution and ecology*: 220 - 223
- Hansen, J. G., 2007. The deep sea elements of the Faroe Bank tardigrade fauna with a description of two new species. *Proceedings of the Tenth International Symposium on Tardigrada* **J. Limnol.**, 66 (Suppl. 1): 12 - 20
- Hansen, J. G., D'Addabbo Gallo, M. and Grimaldi de Zio, S., 2003. A comparison of morphological characters within the genus *Rhomboarctus* (Tardigrada, Heterotardigrada) with the description of two new species. **Zool Anz.**, 242: 83 - 96
- Hansen, J. G., Jørgensen, A. and Kristensen R. M., 2001. Preliminary studies of the Tardigrade fauna of the Faroe Bank. **Zool. Anz.**, 240: 385 - 393
- Hansen, J. G. and Katholm, A. K., 2002. A study of the genus *Amphibolus* from Disko Island with special attention on the life cycle of *Amphibolus nebulosus* (Eutardigrada: Eohypsibiidae). In: J. G. Hansen (ed.), **Arctic Biology Field Course Quqertarsuaq, 2002. Zoological Museum, University of Copenhagen, H C. Ø. Tryk, Copenhagen**: 129 - 163
- Hansen, J. G. and Kristensen R. M., 2006. The "hyena female" of tardigrades and descriptions of two new species of *Megastygartides* (Arthrotardigrada: Stygarctidae) from Saudi Arabia. **Hydrobiologia** 558: 81 - 101
- Harada, H. and Ito, M. T., 2006. Soil-inhabiting tardigrade communities in forests of Central Japan. **Hydrobiologia**, 558: 119 - 127
- Harzsch, S., 2004. The tricerebrum of Euarthropoda: a "non-drosophilocentric perspective". **Evolution & Development** 6:5, 303 - 309
- Haspelslagh, G., 1958. Bijdrage tot de kennis der Tardigradenfauna in België. **Naturwet. Tijdschr.**, 40: 200 - 211
- Haspelslagh, G., 1961. Tardigrada, Beerdiertjes of Mosbeertjes. *Belgische Nationale Vereniging der XXX und Biologie* 7: 73 - 87
- Haspelslagh, G., 1982. Tardigrada from Mount Kenya. Scientific report of the Belgian Mt. Kenya Bio-Expedition, 1975. n° 21. **Rev. Zool. Afr.**, 96: 905 - 911

- Hatai, S.* 1956. On the Japanese *Tardigrada*. **Sci. Rep. of Yokosuka City Museum** 1: 1 - 12
- Hatai, S.* 1959. The distribution of *Milnesium tardigradum* Doy. in Japan. **Sci. Rep. of Yokosuka City Museum** 4: 5 - 12
- Hay, W. P.*, 1907. A Bear-Animal renamed. **Proc. Biol. Wash.**, 19: 46 - 47
- Hay, W. P.*, 1917. A new species of bear-animalcule from the coast of North Carolina. **Proc. U. S. Nat. Mus.**, 53: 251 - 254
- Heciak, S.*, 1976. Niesporczaki (Tardigrada) Gor Swietokryskich. **Bad. Fizjogr. Pol. Zach. Poznan**, 29: 111 - 128
- Heinis, F.*, 1908. Tardigraden der Schweiz. **Zool. Anz.**, 32: 633 - 638
- Heinis, F.*, 1908. Beitrag zur Kenntnis der Moosfauna der Kanarischen Inseln. **Zool. Anz.**, 33: 711 - 720
- Heinis, F.*, 1908. Zur Metamorphose einiger *Echiniscus*-Arten. **Zool. Anz.**, 33: 60 - 71
- Heinis, F.*, 1910. Systematik und Biologie der moosbewohnenden Rhizopoden, Rotatorien und Tardigraden der Umgebung von Basel mit Berücksichtigung der übrigen Schweiz. **Arch. Hydrobiol. und Planktonkunde**, 5: 89 - 166
- Heinis, F.*, 1910. Systematik und Biologie der moosbewohnenden Rhizopoden, Rotatorien und Tardigraden der Umgebung von Basel. **Arch. Hydrobiol. und Planktonkunde**, 5: 217 - 256
- Heinis, F.*, 1911. Beitrag zur Kenntnis der zentralamerikanischen Moosfauna. **Rev. Suisse Zool.**, 19: 253 - 266
- Heinis, F.*, 1912. Die Tardigraden des Rhätikon. **Rev. Suisse Zool.** 20: 775 - 779
- Heinis, F.*, 1914. Tardigrada. in Mossfauna Columbiens. **Mem. Soc. neuchât. scienc. nat., Neuchâtel**, 5: 713 - 724
- Heinis, F.*, 1917. Tardigraden aus der Umgebung von Triest. **Zool. Anz.**, 49: 94 - 96
- Hejnal, A. and Snabel, R.*, 2005. The eutardigrade *Thulinia stephanie* has an intermediate development and the potential to regulate early blastomere ablations. **Development**, 132: 1349 - 1361
- Hengherr, S., Brümmer, F. and Schill, R. O.*, 2008. Anhydrobiosis in tardigrades and its effects on longevity traits. **Journal of Zoology**, XXX: 1 - 5
- Hengherr, S., Heyer, A. G., Köhler, H. R. and Schill, R. O.*, 2008. Trehalose and anhydrobiosis in tardigrades - evidence for divergence in response to dehydration. **FEBS J** 275: 281 - 288
- Henneke, J.*, 1911. Beiträge zur Kenntnis der Biologie und Anatomie der Tardigraden (*Macrobiotus macronyx* Duj.). **Zeitschrift für Wissenschaftliche Zoologie** 97: 721 - 752
- Henriksen, K. L.*, 1917. Grønlands Landarthropoder. Tardigrada. **Medd. om Grønland.**, 22: 790 - 793
- Herrera-Vasquez, J.*, 2003. Diversidad y densidad de tardigrados (Tardigrada) en cuatro zonas de vida de Costa Rica. **Brenesia** 59 - 60: 77 - 82
- Herrera-Vasquez, J. and Vargas, M.*, 2003. Tardigrades (Tardigrada) from the western part of the Central valley, Costa Rica with some ecological annotations. **Brenesia** 59 - 60: 69 - 76
- Hidalgo, H. and Coombs, D.*, 1985. Tardigrada from Missouri. **Transactions of the Kansas Academy of Science**, 88: 121 - 134
- Higgins, R. P.*, 1959. Life history of *Macrobiotus islandicus* Richters with notes on other Tardigrades from Colorado. **Transactions of the American Microscopical Society** 78: 137 - 154

- Higgins, R. P., 1960. Some tardigrades from Piedmont of North Carolina. **J. Elisha Mitchell Sci. Soc.** 76: 29 - 35
- Higgins, R. P., (ed.) 1975. International Symposium on tardigrades, Pallanza, Italy, June 17 - 19, 1974. **Mem. Ist. Ital. Idrobiol.** 32 (Suppl.) pp 1 - 469
- Hinton, J. G. and Meyer, H. A., 2006. Tardigrada from Mississippi. **Proc. Louisiana Acad. Sci.**, ??????
- Hinton, J. G. and Meyer, H. A., 2007. Distribution of limnoterrestrial Tardigrada in Georgia and the Gulf Coast states of the United States of America with ecological remarks. *Proceedings of the Tenth International Symposium on Tardigrada*. **J. Limnol.**, 66 (Suppl. 1): 72 - 76
- Hiruta, S., 1983. Marine interstitial Tardigrada from Kushiro, Hokkaido. **Zool. Mag.**, 92: 660 (In Japanese)
- Hiruta, S., 1985. A new species of marine interstitial tardigrada of the genus *Stygarctus* Schulz from Hokkaido, Japan. **Spec. Publ. Mukaishima Mar. Biol. Stat.**, 245: 127 - 129
- Hoek, P. P. C., 1876. Mededeling over *Echiniscus Sigismundi*. **Tijdschr. Nederl. Dierk. Ver.**, Bd. 2 p. 76
- Hoffmann, A. and Jiménez, M. L., 1994. Tardigrados en México. **An. Inst. Biol. Univ. Nac. Auton. Mex Ser. Zool.**, 65: 297 - 301
- Hofmann, I., 1987. Habitat preference of the most frequent moss-living Tardigrada in the area of Giessen (Hessen). In: R. Bertolani (Ed.), *Biology of Tardigrades. Selected Symposia and Monographs U.Z.I.* 1. **Mucchi Editore Modena**, Italy: 211 - 216
- Hofmann, I. and Eichelberg, D., 1987. Faunistisch-ökologische Untersuchungen zur Habitat-präferenz moosbewohnender Tardigraden. **Zoologische Beiträge**, 31: 61 - 76
- Hohberg, K., 2006. Tardigrade species composition in young soils and some aspects on life history of *Macrobiotus richtersi* J. Murray, 1911. *Pedobiologia*, 50: 267 - 274
- Hohberg, K. and Greven, H., 2005. Retention of embryonated eggs in parthenogenetic *Macrobiotus richtersi* J. Murray, 1911 (Eutardigrada). **Zool. Anz.**, 243: 211 - 213
- Hohberg, K. and Traunspurger, W., 2005. Predator-prey interaction in soil food web: functional response, size-dependent foraging efficiency, and the influence of soil texture. **Biol. Fertil Soils**, 41: 419 - 427
- Hohl, A. M., Miller, W. R. and Nelson, D., 2001. The Distribution of Tardigrades Upwind and Downwind of a Missouri Coal-Burning Power Plant. **Zoologischer Anzeiger** 240: 395 - 401
- Hondt, J. L., d' 1970. Inventaire de la faune Marine de Roscoff. Gastrotiches - Kinorhynques - Rotifères - Tardigrades. **Cahiers de Biologie Marine**, 9: 211 - 251
- Horikawa, D. D. and Higashi, S., 2004. Desiccation tolerance of the tardigrade *Milnesium tardigradum* collected in Sapporo, Japan and Bogor, Indonesia. **Zool. Sci.** 21: 813 - 816
- Horikawa, D. D., Sakashita, T., Katagiri, C., Watanabe, M., Kikawada, T., Nakahara, Y. et al. 2006. Radiation tolerance in the tardigrade *Milnesium tardigradum*. **Int. J. Radiation Biol.** 82: 843 - 848
- Horne, P. A., 1984. Terrestrial Invertebrates from McDonald Island and Heard Island, Sub-Antarctic. **J. Aust. ent. Soc.**, 23. 38

- Horning, D. and Schuster, R. O.*, 1983. Three new species of New Zealand Tardigrades (Tardigrada: Echiniscidae). **Pan-Pacific Entomol.**, 59: 108 - 112
- Horning D., Schuster R., Grigarick A.*, 1978 Tardigrada of New Zealand. **New Zeal. J. Zool.**, 5: 185 - 280
- Howard, C. Y.*, 1980. Tardigrades from Rattlesnake Spring. Bradley County, Tennessee. Unpublished Master's Thesis. East Tennessee State University, Johnson City
- Hummon, W. D.*, 1987. Meiobenthos of the Mississippi headwaters. In R. Bertolani, ed., Biology of Tardigrades, Mucchi Editore, Modena, Italy, pp. 125 - 140
- Hummon, W. D. and Wainberg, R. H.*, 1979. Tardigrada. In H. V. Danks (Ed.), **Canada and its insect fauna. Mem. ent. Soc. Can.** 108: 245 - 246
- Hunter, M. E.*, 1977. A study of the Tardigrada from a farm in Montgomery County, Tennessee. Unpublished Master's Thesis. Austin Peay State University, Clarksville, 61 pp
- Hutchinson, M. T. and Streu, M. T.*, 1960. Tardigrades attacking nematodes. **Nematologica** 5: 149
- Hyvönen, R. and Persson, T.* 1996. Effects of fungivorous and predatory arthropods on nematodes and tardigrades in microcosms with coniferous soil. **Biol. Fertil. Soils**, 21: 121 - 127

I

- Iharos, A.*, 1936. Zwei neue Tardigraden-Arten. **Zool. Anz.**, 115: 219 - 220
- Iharos, A.*, 1937. A Magyarországi Medveállatocskák. (Hungarian Tardigrades) **Mayyar Tudományos Akadémia Matematikai és Természettudományi Értésítője**, 56: 982 - 1041
- Iharos, A.*, 1937. Medveállatocskák Köszgen vidékérol. **A Köszegi Múzeum Közleményei**, 1: 260 - 262
- Iharos, A.*, 1938. Beiträge zur Tardigradenfauna des Komitates. **Bars. Fragmenta Faunistica Hungarica**, 1: 50 - 52
- Iharos, A.*, 1940. Adatok Magyarország Tardigrada Faunájához. **A Keszthelyi Prem. Gimn. Évkönyve, Keszthely**: 15 - 32
- Iharos, A.*, 1945. A medveállatocskák gyűitése és konzerválása. **Fragm. fauna hung.**, 8: 24 - 30
- Iharos, A.*, 1947. A mohaszövetkezetek és a Tardigradum-fauna közti összefüggés a Tihanyifélsziget északi partvonalán. **Borbasia**, 7: 31 - 38
- Iharos, A.*, 1947. The Tardigrada fauna of the Tihany Peninsula. **Archiva Biol. Hung.** 17: 38 - 43
- Iharos, A.*, 1956. Féreglábuak I., Medveállatkák/ Archipodiata I., Tardigrada. In: Székessy: **Fauna Hung.**, 3: 1 - 42
- Iharos, G.*, 1958. Neuere Beiträge zur Kenntnis der Tardigraden-Fauna Ungarns. I. **Opuscula Zoologica Instituti Zoosystematici Universitatis Budapestinensis**, 2: 37 - 38
- Iharos, G.*, 1959. A Balaton Vizterületének és parti övének Tardigradáiról. **Ann Biol. Tihany**, 26: 247 - 264
- Iharos, G.*, 1959. Neuere Beiträge zur Kenntnis der Tardigraden-Fauna Ungarns. II. **Opuscula Zoologica Instituti Zoosystematici Universitatis Budapestinensis**, 3: 61 - 62

- Iharos, G., 1960. Neuere Beiträge zur Kenntnis der Tardigraden-Fauna Ungarns. III. **Opuscula Zoologica Instituti Zoosystematici Universitatis Budapestinensis**, 3: 137 - 144
- Iharos, G., 1961. Grundlage der Tardigradenfauna Bulgariens. **Acta Zool. Acad. Sc. Hungaricae**, 7: 111 - 118
- Iharos, G., 1962. A Tihany-Félsziget Tardigrada Faunája. **Különlenyomat az Allattani Közlemények**, 49: 55 - 61
- Iharos, G., 1962. Neuere Beiträge zur Kenntnis der Tardigraden-Fauna Ungarns. IV. **Opusc. Zool. Budapest**, 4: 85 - 87
- Iharos, G., 1963. A Bakony-Hegység Tardigrada-Faunája. I. **Különlenyomat az Allattani Közlemények**, 50: 59 - 67
- Iharos, G., 1963. The zoological results of Gy. Topal's collections in South Argentina, 3. Tardigrada. **Ann. Hist. Natur. Ms. Nat. Hung., Budapest**, 55: 293 - 299
- Iharos, G., 1963. A Mecsek-hegység Tardigrada-faunájának vizsgálata. **Különnyomat a Janus Pannonius Múzeum, évi Evkönyvéből**,: 53 - 73
- Iharos, G., 1964. A balatoni bevonatok Tardigradái. **Különlenyomat az Allattani Közlemények**, 51: 49 - 53
- Iharos, G., 1964. Neuere Beiträge zur Kenntnis der Tardigraden- Fauna Ungarns. V. **Opusc. Zool. Budapest**, 5: 57 - 67
- Iharos, G., 1965. Ergebnisse der zoologischen Forschungen von Dr. Z. Kaszab in der Mongolei 28. Tardigrada. **Folia Entomol. Hung.** 18: 179 - 183
- Iharos, G., 1965. A Bakony-Hegység Tardigrada-Faunája II. **Allatt. Közl.**, (Budapest) 52: 47 - 56
- Iharos, G., 1966. Neue Tardigraden-arten aus Ungarn. **Acta Zool. Acad. Sci. Hung.**, 12: 111 - 122
- Iharos, G., 1966. Beiträge zur Kenntnis der Tardigraden-Fauna Österreichs. **Acta Zool Hungaricae**, 12: 123 - 127
- Iharos, G., 1966. A Bakony-Hegység Tardigrada-faunája III. **Állatt. Közl.**, 53: 69 - 78
- Iharos, G., 1967. Liste der Tardigraden Ungarns. **Acta Zool. Acad. Sci. Hung.**, 13: 125 - 138
- Iharos, G., 1967. Beiträge zur Kenntnis der Tardigradenfauna von Neuguinea. **Opusc. Zool. Budapest**, 7: 113 - 116
- Iharos, G., 1968. Ergebnisse der zoologischen Forschungen von Dr. Z. Kaszab in der Mongolei. 162. Tardigrada, II. **Opusc. Zool. Budapest**, 8: 31 - 35
- Iharos, G., 1968. The scientific results of the Hungarian soil zoological expeditions to South America: 6. Ein neue Tardigraden-Gattung von mariner Verwandtschaft aus dem chilenischen Altiplano. **Opusc. Zool. Budapest**, 7: 357 - 361
- Iharos, G., 1968. A Bakony-Hegység Tardigrada Faunája IV. **Mitteilung der Mussen des Komitates Veszprem**, 7: 327 - 338
- Iharos, G., 1969. Tardigraden aus Mittelwestafrika. **Opusc. Zool.** (Budap.). 9: 115 - 120
- Iharos, G., 1969. Einige Angaben zur Tardigradenfauna Vietnams. **Opuscula Zoologica, Budapest** 9: 273 - 277
- Iharos, G., 1969. Beiträge zur Kenntnis der Tardigraden Indiens. **Opusc. Zool. Budapest.** 9: 107 - 113

- Iharos, G.*, 1969. The scientific results of the Hungarian soil zoological expeditions to South America: 15. Tardigraden aus den Sammlungen der ersten und zweiten Expedition. **Opusc. Zool.**, 9: 279 - 289
- Iharos, G.*, 1970. Eine neue Tardigraden-Art aus dem Bakony-Gebirge. **Opusc. Zool. Budapest**, 10: 115 - 116
- Iharos, G.*, 1971. Zoological collectings of the Hungarian Natural History Museum in Korea. 5. Tardigraden aus der Koreanischen Volksdemokratischen Republik. **Ann. Nat. Hist. Nat. Mus. Nat. Hung.**, 63: 159 - 164
- Iharos, G.*, 1973. Neuere Daten zur Kenntnis der Tardigraden-Fauna von Neuguinea. **Opusc. Zool., Budapest**, 11: 65 - 73
- Iharos, G.*, 1973. Angaben Zur Geographischen Verbreitung der Tardigraden. **Opusc. Zool. Budapest**. 12: 73 - 86
- Iharos, G.*, 1975. Summary of the results of forty years of research on Tardigrada. **Mem. Ist. Ital. Idrobiol. Pallanza**, 32. Suppl.: 159 - 169
- Iharos, G.*, 1978. Data to the knowledge of the Tardigrada fauna of Tunisia. **Folia entomologica Hungarica** 21: 175 - 177
- Iharos, G.*, 1978. Tardigradák a Szigligeti Arborétum területén. Die Tardigrada Arten vom Gebiet des Arboretum von Szigliget. **A Vesz. Neg. Muz. Közleményi**, 13: 95 - 98
- Iharos, G.*, 1981. Vorläufige Angaben über die Tardigrada-Fauna des Wacholder Naturschutzgebietes bei Barcs ((Ungarisch). **Dunántuli Dolg. Term. tud. sor., Pécs**, 2: 43 - 44
- Iharos, G.*, 1982. Tardigradologische Notizen, I. **Misc. Zool. Hungarica**, 1: 85 - 90
- Iharos, G.*, 1985. Tardigrada-Fauna des Wacholder-Gestrüppes bei Barcs (Ungarisch). **Dunántuli Dolg. Term. tud. sor., Pécs**, 5: 71 - 84
- Iharos, G.*, 1985. Über taxonomische Probleme der gattung *Itaquascon* Barros, 1939 (Tardigrada). **Miscellanea Zoologica Hungarica**, 3: 15 - 18
- Iharos, G.*, 1985. Reviderter Katalog der Tardigraden Ungarns. **Miscellanea Zoologica Hungarica**, 3: 19 - 30
- Iharos, G. and Vargha, B.*, 1995. Tardigradák a Zselic területén. **Janus Pannonius Múz. Évk.**, 39: 33 - 38
- Immelmann, K.*, 1959. Versuch zur Deutung der Zellkonstanz bei Rotatorien, Gastrotrichen und Tardigraden. **Zschr. naturforsch. Ges. Zürich** 104: 300 - 306
- Ito, M.*, 1986. Genus *Diphascos* (Eutardigrada: Hypsibiidae) from Mt. Fuji, Central Japan. **Zool. Sci.** 3: 1110
- Ito, M.*, 1988. A new species of the genus *Eohypsibius* (Eutardigrada: Eohypsibiidae) from Japan. **Edaphologia**, 39: 11 - 15
- Ito, M.*, 1990. A new species of the genus *Itaquascon* (Eutardigrada: Hypsibiidae) from Taiwan. **Edaphologia**, 43: 1 - 4
- Ito, M.* 1991. Taxonomic study on the Eutardigrada from the northern slope of Mt. Fuji, Central Japan. I. Families Calohypsibiidae and Eohypsibiidae. **Proceedings of the Japanese Society of Systematic Zoology** 45: 30 - 43
- Ito, M.* 1993. Taxonomic study of the class Heterotardigrada (Tardigrada) from the Northern Slope of Mt. Fuji, Central Japan. **Edaphologia**, 50: 1 - 13
- Ito, M.* 1995. Taxonomic study on the Eutardigrada from the northern slope of Mt. Fuji, Central Japan. II. Family Hypsibiidae. **Proceedings of the Japanese Society of Systematic Zoology** 53: 18 - 39

- Ito, M., 1997. Taxonomic study on the Eutardigrada from the northern slope of Mt. Fuji, central Japan. III. Families Macrobiotidae and Milnesiidae. **Spec. Div.** 2: 167 - 178
- Ito, M., 1999. Ecological distribution, abundance and habitat preference of terrestrial tardigrades in various forests on the Northern slope of Mt. Fuji, Central Japan. In H. Greven (ed.) *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany*. **Zool. Anz.**, 238: 225 - 234
- Ito, M. and Abe, W., 2001. Micro-distribution of soil inhabiting tardigrades (Tardigrada) in a sub-alpine coniferous forest of Japan. **Zool. Anz.** 240: 403 - 407
- Ito, M. and Tagami, K., 1993. A new species of the genus *Isohypsibius* (Eutardigrada: Hypsibiidae) collected from municipal water supply in Japan. **Jap. J. Limn.**, 54 (1): 81 - 83
- Ito, M. and Utsugi, K., 1992. Genus *Diphascon* (Tardigrada) from Japan. **Zool. Sci.** 9: 1297
- Ivarsson, H. and Jönsson, K. I., 2004. Aggregation effects on anhydrobiotic survival in the tardigrade *Richtersius coronifer*. **J. Exp. Zool.** 301: 195 - 199

I

- Jakubski, A., 1926. *Tardigrada* - Niesporczaki, Podrecznik do zbierania i konserwowania zwierzat, 6 p. 47 - 50. Warszawa
- Jankovska, V., 1991. Unbekannte Objekte in Pollenpräparaten - Tardigrada. In: J. Kovar-Eder (Ed.), *Paleovegetational development in Europe and regions relevant to its paleofloristic evolution*. **Naturhistorisches Museum**, Wien: 19 - 23
- Jenner, R. A., 2004. The scientific status of metazoan cladistics: why current research practice must change. **Zoologica Scripta**, 33: 293 - 310
- Jennings, P. G. 1975. The Signy Island terrestrial reference sites: V. Oxygen uptake of *Macrobiotus furciger*, J. Murray (Tardigrada). **Brit. Antarct. Surv. Bull., Cambridge**, 41 and 42: 161 - 168
- Jennings, P. G. 1976. Antarctic tardigrades and rotifers, unpublished Ph.D. Thesis. University of Leicester. 100pp
- Jennings, P. G. 1976. The Tardigrada of Signy Island, South Orkney Islands, with a note on the Rotifera. **British Antarctic Survey Bulletin**. 44: 1 - 25
- Jennings, P. G. 1976. Tardigrada from the Antarctic Peninsula and Scotia Ridge region. **British Antarctic Survey Bulletin**. 44: 77 - 95
- Jennings, P. G. 1979. The Signy Island terrestrial reference sites: X. Population dynamics of Tardigrada and Rotifera. **British Antarctic Survey Bulletin**. 47: 89 - 105
- Jerez Jaimes, J. H. and Narváez Parra, E. J., 2001. Tardigrados (Animalia, tardigrada) de la Reserva El Diviso - Santander, Colombia, **Biota Colombiana**, 2: 145 - 151
- Jeuniaux, C. H., 1975. Principes de systématique biochimique et application a quelques problemes particulieres concernant les Aschelminthes, les Polychetes et les Tardigrades. **Cah. Biol. Mar.** 16: 597 - 612
- Jobson, R. W. and Morris, E. C., 2001. Feeding ecology of a carnivorous bladderwort (*Utricularia uliginosa*, Lentibulariaceae). **Austral Ecology**, 26: 680 - 691
- Jones, M. and Blaxter, M., 2005. Animal roots and shoots. **Nature**, 434: 1076 - 1077

- Joseph, G., 1882. Systematisches Verzeichnis der in den Tropstein-Grotten von Krain einheimischen Arthropoden. Tardigrada. **Berliner Entom. Zeitschr.**, 26: p. 17
- Jönsson, K.I. 2001. The nature of selection on anhydrobiotic capacity in tardigrades. **Zool. Anz.** 240: 409 - 417
- Jönsson, K. I. 2003. Causes and Consequences of Excess Resistance in Cryptobiotic Metazoans. **Physiological and Biochemical Zoology**, 76: 429 - 435
- Jönsson, K. I. 2003. Population density and species composition of moss-living tardigrades in a boreo-nemoral forest. **Ecography**, 26: 356 - 364
- Jönsson, K. I. 2005. The evolution of life histories in holo-anhydrobiotic animal: A first approach. **Integr. Comp. Biol.**, 45: 764 - 770
- Jönsson, K. I. 2007. Long-term experimental manipulation of moisture conditions and its impact on moss-living tardigrades. *Proceedings of the Tenth International Symposium on Tardigrada*. **J. Limnol.**, 66 (Suppl. 1): 119 - 125
- Jönsson, K. I. and Bertolani, R. 2001: Facts and fiction about long-term survival in tardigrades. **J. Zool.**, 255: 121 - 123
- Jönsson, K. I., Borsari, S. and Rebecchi, L. 2001. Anhydrobiotic survival in populations of the tardigrades *Richtersius coronifer* and *Ramazzottius oberhaeuseri* from Italy and Sweden. **Zool. Anz.** 240: 419 - 423
- Jönsson, K. I. and Guidetti, R., 2001. Effects of Methyl Bromide Fumigation on Anhydrobiotic Micrometazoans. **Ecotoxicology and Environmental Safety**, 50: 72 - 755
- Jönsson, K. I., Harms-Ringdhal, M. and Torudd, J., 2005. Radiation tolerance in the eutardigrade *Richtersius coronifer*. **Int. J. Radiation Biol.** 81: 649 - 656
- Jönsson, K. I. and Rebecchi, L., 2002. Experimentally induces anhydrobiosis in the tardigrade *Richtersius coronifer*: Phenotypic factors affecting survival. **J. Exp. Zool.** 293: 578 - 584
- Jönsson, K. I. and Schill, R. O., 2007. Induction of Hsp70 by desiccation, ionizing radiation and heat-shock in the eutardigrade *Richtersius coronifer*. **Comp. Biochem. Physiol.** 146: 456 - 460
- Jørgensen, A., 2000. Cladistic analysis of the Echiniscidae Thulin, 1928 (Tardigrada: Heterotardigrada: Echiniscoidea). **Steenstrupia**, 25: 11 - 23
- Jørgensen, A., 2001. Graphical presentation of the African tardigrade fauna using GIS with the description of *Isohypsibius malawiensis* sp. n. (Eutardigrada: Hypsibiidae) from lake Malawi. **Zool. Anz.**, 240: 441 - 449
- Jørgensen, A. and Kristensen, R. M., 2001. A new tanarctid arthrotardigrade with buoyant bodies. **Zool. Anz.**, 240: 425 - 439
- Jørgensen, A. and Kristensen, R. M., 2004. Molecular phylogeny of Tardigrada - investigation of the monophyly of Heterotardigrada. **Mol. Phyl. Evol.** 32: 666 - 670
- Jørgensen, A, Møbjerg, N. and Kristensen, R. M., 1999. Ultrastructural studies on spermiogenesis and postcopulatory modifications of spermatozoa of *Actinarctus doryphorus* Schultz, 1935 (Arthrotardigrada: Halechiniscidae). In H. Greven (ed.) *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany*. **Zool. Anz.**, 238: 235 - 257
- Jørgensen, A, Møbjerg, N. and Kristensen, R. M., 2007. A molecular study of the tardigrade *Echiniscus testudo* (Echiniscidae) reveals low DNA sequence diversity over a large geographic area. *Proceedings of the Tenth International Symposium on Tardigrada*, **Journal of Limnology**, 66: 77 - 83

K

- Kaczmarek, L., 2003. New records of and key to Tardigrada from Costa Rica. **Zootaxa**, 177: 1 - 4
- Kaczmarek, L. and Beasley, C. W., 2002. Water bears (Tardigrada) of China. **Fauna of China** 4: 65 - 76
- Kaczmarek, L., Beasley, C. W. and Michalczyk, L., 2006. The first record of the genus *Haplohexapodibius* Pilato & Beasley, 1987 in Africa, with notes on synonymy of *Hexapodibius beasleyi* Maucci, 1988, with *Haplohexapodibius seductor* Pilato & Beasley, 1987. **African Zoology** 41: 290 - 293
- Kaczmarek, L. and Michalczyk, L. 2002. *Calohypsibius schusteri* Nelson & McGlothlin, 1996 i *Macrobiotus crenulatus* Richters, 1904 - gatunki niesporczaków (Tardigrada) nowe dla fauny Polski. **Przegląd Zoologiczny**, 46: 67 - 69
- Kaczmarek, L. and Michalczyk, L. 2002. *Macrobiotus macrocalix* Bertolani et. Rebecchi, 1993 - nowy gatunek niesporczaka (Tardigrada) dla fauny Polski. **Badania Fizjograficzne nad Polsk Zachodnia**, XX; X - Y
- Kaczmarek, L. and Michalczyk, L. 2002. *Echiniscus barbarae*, a new species of tardigrade from Cuba Island (Tardigrada: Heterotardigrada, Echiniscidae, "arctomys group"). **Zootaxa**, 53: 1 - 4
- Kaczmarek, L. and Michalczyk, L. 2003. *Platicrista horribilis*, a new species of Tardigrada (Eutardigrada: Hypsibiidae) from Mongolia. **Zootaxa**, 132: 1 - 8
- Kaczmarek, L. and Michalczyk, L. 2003. Water bears (Tardigrada) of the Bieszczady Mountains (Poland, West Carpathians). **Zootaxa**, 242: 1 - 24
- Kaczmarek, L. and Michalczyk, L. 2003. *Minibiotus constellatus*, a new species of Tardigrada from Peru (Eutardigrada: Macrobiotidae). **Genus**, 14: 295 - 305
- Kaczmarek, L. and Michalczyk, L. 2004. Notes on some tardigrades from South Africa, with the description of *Diphascion* (*Diphascion*) *zaniewi* sp. nov. (Eutardigrada: Hypsibiidae). **Zootaxa**, 576: 1 - 6
- Kaczmarek, L. and Michalczyk, L. 2004. First record of the genus *Doryphoribius* Pilato, 1969 from Costa Rica (Central America) and description of a new species *Doryphoribius quadrituberculatus* (Tardigrada: Hypsibiidae). **Genus**, 15: 447 - 453
- Kaczmarek, L. and Michalczyk, L. 2004. A new species *Bryodelphax asiaticus* sp. nov. (Tardigrada: Heterotardigrada: Echiniscidae) from Mongolia (Central Asia) **Raffles B. Zool.** 52: 599 - 602
- Kaczmarek, L. and Michalczyk, L. 2004. *Isohypsibius archangajensis*, a new species of Eutardigrada (Hypsibiidae) from Mongolia. **Ann. Zool.** 54: 467 - 470
- Kaczmarek, L. and Michalczyk, L. 2004. New records of Tardigrada from Cyprus with a description of the new species *Macrobiotus marlenae* (*hufelandi* group) (Eutardigrada: Macrobiotidae). **Genus** 15: 141 - 152
- Kaczmarek, L. and Michalczyk, L. 2006. The Tardigrada fauna of Mongolia (Central Asia) with a description of *Isohypsibius altai* sp. nov. (Eutardigrada: Hypsibiidae). **Zoological Studies**: 45 (1): 11 - 23
- Kaczmarek, L. and Michalczyk, L. 2006. Redescription of *Macrobious tridigitus* Schuster, 1983 and erection of a new genus of Tardigrada (Eutardigrada, Macrobiotidae) **Journal of Natural History**, 40: 1223 - 1229
- Kaczmarek, L. and Michalczyk, L. 2006. *Thulinius itoi* comb. nov. a new systematic position for *Isohypsibius itoi* (Tsurusaki, 1980) (Tardigrada: Eutardigrada: hypsibiidae). **Zootaxa**, 1373: 65 - 68

- Kaczmarek, L. and Michalczyk, L. 2007. A new species of Tardigrada (Eutardigrada: Milnesidae) *Milnesium krzysztofi* from Costa Rica (Central America). **N. Z. J. Zool.**, 34: 297 - 302
- Kaczmarek, L. and Michalczyk, L. 2009. Two new species of Macrobiotidae, *Macrobiotus szepteykii* (harmsworthi group) and *Macrobiotus kazmierskii* (hufelandi group) from Argentina. **Acta zoologica cracoviensia**, 52B: 87 - 99
- Kaczmarek, L. and Michalczyk, L. 2009. Redescription of *Hypsibius microps* Thulin, 1928 and *H. pallidus* Thulin, 1911 (Eutardigrada: Hypsibiidae) based on the type material from the Thulin collection. **Zootaxa**, 2275: 60 - 68
- Kaczmarek, L., Michalczyk, L. and Beasley, C. W., 2002. *Milnesium katarzynae* sp. nov., a new species of eutardigrade (Milnesiidae) from China. **Zootaxa** 743: 1 - 5
- Kaczmarek, L., Michalczyk, L. and Beasley, C. W., 2002. Water bears (Tardigrada) of China. Z.-Q. Zhang (ed.) **Fauna of China**, Vol. 4: 65 - 76
- Kaczmarek, L., Michalczyk, L. and Degma, P., 2005. A new species of Tardigrada *Bryodelphax brevidentatus* sp. nov. (Heterotardigrada: Echiniscidae) from China (Asia). **Zootaxa**, 1080: 33 - 38
- Kaczmarek, L., Michalczyk, L. and Degma, P., 2007. Description of a new Tardigrade, *Macrobiotus barbarae* (Eutardigrada: Macrobiotidae) from the Dominican republic. **Annales Zoologici** (Warszawa), 2007: 363 - 369
- Kaczmarek, L., Michalczyk, L. and Diduszko, D. 2005. Some tardigrades from Siberia (Russia, Baikal region) with a description of *Macrobiotus garynahi* sp. nov. (Eutardigrada: Macrobiotidae: richtersi group). **Zootaxa** 1053: 35 - 45
- Kaczmarek, L., Michalczyk, L. and Diduszko, D. 2006. *Ramazzottius bunikowskiae*, a new species of Tardigrada (Eutardigrada, Hypsibiidae) from Russia. **Zootaxa**, 1229: 49 - 57
- Kaczmarek, L., Michalczyk, L. and Eggermont, H., 2008. *Dactylobiotus luci*, a new freshwater tardigrade (Eutardigrada: Macrobiotidae) from the Rwenzori Mountains, Uganda. **African Zoology** 43: 150 - 155
- Kaczmarek, L., Michalczyk, L. and Guidetti, R., 2006. Description of the new species *Calcarobiotus* (C.) *longinoi* sp. nov. (Eutardigrada, Macrobiotidae) from Costa Rica with the diagnostic key to the genus *Calcarobiotus*. **Italian Journal of Zoology**, 73: 247 - 253
- Kaczmarek, L., Michalczyk, L. and Weglarska, B., 2002. *Itaquascon mongolicus*, a new species of Eutardigrada from Mongolia (Eutardigrada: Hypsibiidae). **Genus** 13: 1 - 3
- Kathman, R. D., 1989. Studies on the Tardigrada of Vancouver Island, British Columbia. Ph.D. dissertation, University of Victoria, Victoria, B. C. 296 pp.
- Kathman, R. D., 1990. Eutardigrada from Vancouver Island, British Columbia, Canada, including a description of *Platicrista cheleusis* n. sp. **Can. J. Zool.** 68: 1880 - 1895
- Kathman, R. D., 1990. Some tardigrades from Colorado, with description of a new species of *Macrobiotus* (Macrobiotidae: Eutardigrada). **Proc. Biol. Soc. Wash.**, 103 (2): 300 - 303
- Kathman, R. D., 1990. *Isohypsibius woodsae*, a new species of Eutardigrada (Tardigrada) from British Columbia. **Can. Field Naturalist**. 104 (2): 293 - 294
- Kathman, R. D. and Beasley C. W., 1997. Synonymy of *Platicrista cheleusis* (Tardigrada: Eutardigrada: Hypsibiidae). **Proceedings of the Biological Society of Washington** 110: 558 - 559

- Kathman, R. D. and Cross, S. F.*, 1991. Ecological distribution of moss-dwelling tardigrades on Vancouver Island, British Columbia, Canada. **Canadian Journal of Zoology** 69: 122 - 129
- Kathman, R. D. and Dastych, H.* 1990. Some Echiniscidae (Tardigrada: Heterotardigrada) from Vancouver Island, British Columbia, **Can. J. Zool.** 68: 699-706
- Kathman, R. D. and Nelson, D. R.*, 1987. Population trends in the aquatic tardigrade *Pseudobiotus augusti* (Murray) In: **Biology of Tardigrades**. R. Bertolani (Ed.) Selected Symposia and Monographs U.Z.I., 1 Mucchi, Modena: 155 - 168
- Kathman, R. D., and Nelson, D. R.* 1989. *Pseudodiphascon arrowsmithi*, a new species of tardigrade from British Columbia, Canada (Macrobiotidae: Eutardigrada: Tardigrada). **J. Entomol. Soc. B.C.** 86: 66-70
- Kaufmann, J.*, 1851. Ueber die Entwicklung und Systematische Stellung der Tardigraden. **Z. wiss. Zool.**, 3: 327 - 336
- Keilin, D.*, 1959. The problem of anabiosis of latent life: history and current concept. **Proc. R. Soc. London B.** 150: 149 - 191
- Kendall-Fite, K.*, 1993. Tardigrades from Short Mountain, Cannon County, Tennessee. Unpublished Master's Thesis. Middle Tennessee State University. Murfreesboro 113 pp.
- Kendall-Fite, K. and Nelson, D. R.*, 1996. Two new species of tardigrades from Short Mountain, Tennessee, U.S.A. **Zoological Journal of the Linnean Society**, 116: 205 - 214
- Kennel, J. von*, 1891. Die Verwandtschaftsbeziehungen und die Abstammung der Tardigraden. **Sitzber. Dorpat. Naturforsch. Ges.**, 9: 504 - 512
- Kiehl, E., Dastych, H., D'Haese, J. and Greven, H.*, 2007. The 18S rDNA sequences support polyphyly of the Hypsibiidae (Eutardigrada). Proceedings of The tenth International Symposium on Tardigrada. **J. Limnol.**, 66 (Suppl. 1): 21 - 25
- Kiehl, E., Dastych, H., D'Haese, J. and Greven, H.*, 2007. A cDNA library of the eutardigrade *Hypsibius klebelsbergi* Mihelcic, 1959 and analysis of the actin gene. Proceedings of the Tenth International Symposium on Tardigrada. **J. Limnol.**, 66 (Suppl. 1): 152 - 157
- Kim, H. and Moon, S.*, 1998: Terrestrial Heterotardigrada (Tardigrada) from Korea. **Kor. Jour. Syst. Zool.** 4: 47 - 56
- Kimmel, R. G. and Meglitsch, P. A.*, 1969. Notes on Iowa tardigrades. **Proc. Iowa Acad. Sci.**, 76: 454 - 462
- Kincer, C. J.*, 1989. Effect of habitat disturbance on tardigrade populations from Brush Creek Tributary Washington County, Tennessee. Unpublished Master's Thesis, East Tennessee State University, Johnson City
- Kinchin, I. M.*, 1985. Notes on the population dynamics of *Macrobiotus hufelandii* (Tardigrada). **Microscopy Bulletin**, 7: 4 - 6
- Kinchin, I. M.*, 1987. The moss fauna 1: Tardigrades. **Journal of Biological Education**, 21: 288 - 290
- Kinchin, I. M.*, 1989. *Hypsibius anomalus* Ramazzotti (Tardigrada) from gutter sediment. **Microscopy (London)** 36: 240 - 244
- Kinchin, I. M.*, 1990. The cosmopolitan tardigrade *Milnesium tardigradum* Doyere: an observation from Northern Ireland, **Microscopy** 36: 412 - 414
- Kinchin, I. M.*, 1990. Observations on the structure of *Ramazzottius* (With a checklist of British Eutardigrada). **Microscopy**, 36: 475 - 482

- Kinchin, I. M., 1992. What is a tardigrade? **Microscopy**, 36: 628 - 634
- Kinchin, I. M., 1992. An Introduction to the Invertebrate Microfauna associated with Mosses and Lichens with Observations from Maritime Lichens on the West Coast of the British Isles. **Microscopy** 36: 721 - 731
- Kinchin, I. M., 1993. An observation on the body cavity cells of *Ramazzottius* (Hypsibiidae, Eutardigrada). **The Quekett Journal of Microscopy** 37: 52 - 55
- Kinchin, I. M., 1994. The Biology of Tardigrades. **London, Portland Press**: 1 - 186
- Kinchin, I. M., 1995. Evolutionary trends in the tardigrades. **Quekett Journal of Microscopy**, 37: 493 - 498
- Kinchin, I. M., 1995. The taxonomic status of some British tardigrades. **Quekett Journal of Microscopy**, 37: 499 - 504
- Kinchin, I. M., 1996. Morphometric analysis of *Ramazzottius varieornatus* (Hypsibiidae: Eutardigrada). **Zoological Journal of the Linnean Society**. 116: 51 - 60
- Kinchin, I. M., 1996. Tardigrade illustration and species identification from the literature. 1. *Echiniscus* spp. **Quekett Journal of Microscopy** 37: 546 - 551
- King, C. E., 1962. The occurrence of *Batillipes mirus* Richter (Tardigrada) in the Gulf of Mexico. **Bull. Mar. Sci. Gulf Carib.**, 12: 201 - 203
- King, P. E., Fordy, M. R. and Morgan, C. I., 1981. The marine flora and fauna of the Isles of Scilly - Tardigrada. **Journal of Natural History**, 15: 145 - 150
- Kofler, A., 1978. Biographie und Bibliographie des Acarinologen und Tardigradologen Pfarrer Dr. Franz Mihelcic (1898 - 1977). **Ber. nat. -med. Ver. Innsbruck**, 65: 213 - 224
- Kovalchuk, N. E., 1985. On the fauna and ecology of Tardigrades of the Dniester river basin reservoirs. **XX**, 298 - 301
- Krantz, S., Benoit, T. G. and Beasley, C. W., 1999. Phytopathogenic bacteria associated with Tardigrada. In H. Greven (ed.) *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany*. **Zool. Anz.**, 238: 259 - 260
- Kraus, H., 1977. *Hypsibius (Hypsibius) klebelsbergi* Mihelcic, 1959 (Tardigrada) aus dem Kryokonit des Rotmoosfernes. Institut für Zoologie der Universität Innsbruck, Unpubl. PhD Thesis, p. 1 - 189
- Kristensen, R. M., 1976. On the fine structure of *Batillipes noerrevangi* Kristensen, 1976. 1. Tegument and moulting cycle. **Zool. Anz.** 197: 129 - 150
- Kristensen, R. M., 1977. On the marine genus *Styraconyx* (Tardigrada, Heterotardigrada, Halechiniscidae) with description of a new species from warm spring on Disco Island. **Astarte**, 10: 87 - 91
- Kristensen, R. M., 1978. Notes on marine Heterotardigrades. 1. Description of two new *Batillipes* species, using the electron microscope. **Zool. Anz.** 200: 1 - 17
- Kristensen, R. M., 1978. On the fine structure of *Batillipes noerrevangi* Kristensen, 1976. 2. The muscle-attachments and the true cross-striated muscles. **Zool. Anz.**, 200: 173 - 184
- Kristensen, R. M., 1979. On the fine structure of *Batillipes noerrevangi* Kristensen 1978. (Heterotardigrada), 3. Spermiogenesis. **Zesz. Nauk, Uniw. Jagiellon., Pr. Zool.**, 25: 97 - 105
- Kristensen, R. M., 1979. The morphology and ultrastructure of Tardigrada, with notes on the phylogenetic relationship of the Tardigrada. Unpublished PhD thesis

- Kristensen, R. M., 1980. Zur Biologie des marinen Heterotardigraden *Tetrakentron synaptae*. **Helgoländer Meeresuntersuchungen** 34: 165 - 177
- Kristensen, R. M., 1981. Sense organs of two marine Arthrotardigrades (Heterotardigrada, Tardigrada). **Acta. Zool.** (Stockh.) 62: 27 - 41
- Kristensen, R. M., 1982. The first record of cyclomorphosis in Tardigrada based on a new genus and species from arctic meiobenthos. **Z. Zool. Syst. Evolut.-forsch.**, 20: 249 - 270
- Kristensen, R. M., 1982. New abbarant Eutardigrades from homothermic springs on Disko Island, West Greenland. In: Nelson D.R. ed, **Proceedings of the Third International Symposium on Tardigrada**. East Tennessee State University Press, Johnson City, Tennessee: 221 - 236
- Kristensen, R. M., 1984. On the biology of *Wingstrandarctus corallinus* nov. gen. et spec., with notes on the symbiotic bacteria in the subfamily Florarctinae (Arthrotardigrada). **Vidensk. Meddr. dansk Naturh. Foren.** 145: 201 - 218
- Kristensen, R. M., 1987. Generic revision of the Echiniscidae (Heterotardigrada), with a discussion of the origin of the family. In: Biology of Tardigrada. Bertolani R. ed., Selected Symposia and Monographs, U.Z.I., Mucci Modena pp 261 - 335
- Kristensen, R. M., (ed.) 2001. Eighth International Symposium on Tardigrada, Copenhagen, 30 July - 5 August 2000. **Zool. Anz.** 240 (3/4)
- Kristensen, R. M., 2001. Foreword. 8th International Symposium on tardigrada. Copenhagen 30 July - 5 August 2000. **Zoologischer Anzeiger**, 240: 213 - 215
- Kristensen, R. M., 2003. Comparative morphology: do the ultrastructural investigations of Loricifera and Tardigrada support the clade Ecdysozoa? In: Legakis A, Sfenthourakis S, Polymeni R, Thessalou-Legaki M (eds) *The New Panorama of Animal Evolution: Proceedings XVIII International Congress of Zoology*, Pensoft, Sofia, pp 467 - 477
- Kristensen, R. M. and Hallas, T. E., 1980. The tidal genus *Echiniscoides* and its variability, with erection of Echiniscoididae fam. n. (Tardigrada). **Zool. Scr.**, 9: 113 - 127
- Kristensen, R. M. and Higgins, R. P., 1984. Revision of *Styraconyx* (Tardigrada: Halechinescidae) with description of two new species from Disko Bay, West Greenland. **Smithson. Contrib. Zool.** 391: 1 - 40
- Kristensen, R. M. and Higgins, R. P., 1984. A new family of Arthrotardigrada (Tardigrada: Heterotardigrada) from the Atlantic coast of Florida, U.S.A. **Trans. Am. Microsc. Soc.** 103: 295 - 311
- Kristensen, R. M. and Higgins, R. P. 1989. Marine Tardigrada from the southeastern United States coastal waters. **Trans. Am. Microsc. Soc.** 108: 262 - 282
- Kristensen, R. M. and Higgins, R.P. 1989. Marine Tardigrada from the Southeastern United States Coastal waters. I. *Paradoxipus orzeliscoides* n. gen., n. sp. (Arthrotardigrada: Halechinescidae). **Trans. Am. Microsc. Soc.** 108: 262 - 282
- Kristensen, R. M. and Mackness, B. S., 2000. First record of the marine Tardigrade genus *Batillipes* (Arthrotardigrada: Batillipedidae) from South Australia with a description of a new species. **Records of the South Australian Museum**, 33: 73 - 87
- Kristensen, R. M. and Neuhaus, B., 1999. The ultrastructure of the tardigrade cuticle with special attention to marine species. In H. Greven (ed.), *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany*. **Zool. Anz.**, 238: 261 - 281

- Kristensen, R. M. and Renaud-Mornant, J.* 1983. Existence d'Arthrotardigrades semi-benthiques de genres nouveaux de la sous-famille des Styraconyxinae subfam. nov. **Cah. Biol. Mar.** 24: 337 - 353
- Kristensen, R. M. and Sterrer, W.,* 1986. Phylum Tardigrada (Water bears). In Marine fauna and flora of Bermuda Dr. Wolfgang Sterrer (ed.). JOHN Wiley & sons, Inc. pp 265 - 268
- Krumbach, Th.,* 1926. Tardigrada. In **Handbuch der Zoologie**, volume 3
- Krumbach, Th.,* 1930. Tardigrada. In **JUNK'S Tabulae Biologicas**, 6: 416 - 432

L

- Lameere, Aug.,* 1931. VIII Tardigrades. Précis de Zoologie. T. II, pp. 142 - 145. Paris
- Lance, D.,* 1896. Contribution a l'etude anatomique et biologique des Tardigrades. (Genre *Macrobiotus* Schultze), These, Paris. 229 pp
- Land, J. van der,* 1963. The Tardigrada of the Netherlands. A review of records from literature and a revision of the LOMAN collection. **Zool. Meded.**, 38: 195 - 206
- Land, J. van der,* 1964. A new peritrichous ciliate as a symphoriont on a tardigrade. **Zool. Mededel.**, 39: 85 - 88
- Land, J. van der,* 1966. The Tardigrada of the Scottish Lake Survey described as new species by James Murray. **Proceedings of the Royal Society of Edinburgh, Section B** 69: 298 - 320
- Land, J. van der,* 1968. *Florarctus antillensis*, a new tardigrade from the coral sand of Curacao. **Studies on the Fauna of Curacao and other Carribean Islands.** 25: 140 - 156
- Land, J. van der,* 1975. The parasitic marine tardigrade *Tetrakentron synaptae*. **Memorie Ist. ital. Idrobiol.** 32 (Suppl.): 413 - 423
- Landreth, K. Jr., and Thomas B. O.,* 1970. Studies of the egg laying process in Tardigrada [*Hypsibius (Isohypsibius) augusti*] in Weld County. **Journal of the Colorado - Wyoming Academy of Science**, 7: 9
- Lameere, A.,* 1930. Précis de zoologie. Paris (Tardigrades; 2: 142 - 145)
- Lattes, A.,* 1964. Studio della serie di *Echiniscus: blumi - canadensis*. **Atti dell'Accademia Ligure di Scienze e Lettere.** 21: 1 - 8
- Lattes, A.,* 1970. Sulla distinzione tra *Echiniscus (E.) merokensis* Richters ed *Echiniscus (E.) merokensis* Richters *suecicus* Thulin (Tardigrada). **Boll. Zool.**, 37: 501
- Lattes, A.,* 1975. Differences in the sculpture between adults and juveniles of *Echiniscus quadrispinosus*. A note on the importance of quantitative parameters in the systematics of the Echiniscidae. **Mem. Ist. Ital Idrobiol., Pallanza**, 32 suppl.: 69 - 91
- Lattes, A. and Tobia Gallelli, F.,* 1972. Variabilità intraspecifica di *Echiniscus (E.) quadrispinosus* Richters e differenziazione di questa specie da *Echiniscus (E.) merokensis* Richters. **Boll. Mus. Ital. Ist. Biol. Univ. Genova**, 40: 137 - 152
- Lauterborn, R.,* 1906. Encystierung von *Macrobiotus macronyx* Duj. **Verh. D. Zool. Ges.**, 16: X - XX
- Lee, L. and Woolever, P.,* 1983. Occurrence of tardigrades in Adair County, Oklahoma. **Proc. Okla. Acad. Sci.**, 63: 102

- Leatham, J. W., McNary, T. J., Dodd, J. L. and Lauenroth, W. K., 1982. Response of soil Nematodes, Rotifers and tardigrades to three levels of season-long sulfur dioxide exposures. **Water, Air and Soil Pollution**, 17: 343 - 356
- Le Gros, A. E., 1956. Some notes on the Tardigrada or Water Bears. **Northwest Naturalist**, 3: 281 - 290
- Le Gros, A. E., 1957. Tardigrades from Southern Warwickshire. **Rep. Warwick nat. Hist. Soc.**, 1957: 10 - 12
- Le Gros, A. E., 1958. How to begin the study of Tardigrades. **Countryside**, 18: 322 - 330
- Lewin Osorio, M., 1984. Nota sobre los tardigrados muscicolos de Cataluna. **Publicaciones del Departamento de Zoologia (Barcelona)**, 10: 39 - 49
- Li, H. and Li, X. C., 2008. Two new species of Hypsibiidae (Tardigrada: Eutardigrada) from China. **Proceedings of the Biological Society of Washington**, 121: 41 - 48
- Li, X. C., 2007. A new species and a newly recorded species of tardigrade (Eutardigrada: Hypsibiidae) from China (Asia). **Proceedings of the Biological Society of Washington**, 120: 189 - 196
- Li, X. C., 2009. Revision of *Biserovus xiae* Li, Su and Yu, 2004 (Tardigrada: Macrobiotidae). **Zootaxa**, 2076: 63 - 68
- Li, X. C. and Li, H., 2008. Tardigrades from Taiwan, with the Description of a New Species of *Doryphoribius* (Tardigrada, Hypsibiidae). **Zoological Science**, 25: 554 - 559
- Li, X. C. and Liu, Y., 2005. A new subspecies of the genus *Diphascion* and two new records of Tardigrada (Eutardigrada, Hypsibiidae, Macrobiotidae) from China. **A. Zootaxon. Sin.** 30: 309 - 313
- Li, X. C., Su, L. N. and Yu, D. 2004. *Biserovus xiae* sp. n. and *Doryphoribius qinlingense* sp. n., new species of eutardigrades from China. **Zootaxa**, 660: 1 - 7
- Li, X. C. and Wang, L. Z., 2005. *Isohypsibius taibaiensis* sp. nov. (Tardigrada, Hypsibiidae) from China. **Zootaxa**, 1036: 55 - 60
- Li, X. C. and Wang, L. Z., 2005. Effect of thermal acclimation on preferred temperature, avoidance temperature and lethal thermal maximum of *Macrobiotus harmsworthi* Murray (Tardigrada, Macrobiotidae). **Journal of Thermal Biology**, 30: 443 - 448
- Li, X. C. and Wang, L. Z., 2005. Effect of temperature and thermal acclimation on locomotion performance of *Macrobiotus harmsworthi* Murray (Tardigrada, Macrobiotidae). **J. Therm. Biol.**, 30: 588 - 594
- Li, X. C. and Wang, L. Z., 2005. Two new records of Tardigrada (Echiniscidae) from China. **Acta Zootaxa Sinica**, 30: 591 - 596
- Li, X. C. and Wang, L. Z., 2006. Two new species and a new record species of the genus *Isohypsibius* (Tardigrada, Hypsibiidae) from China. **Acta Zootaxa Sinica**, 31: 113 - 119
- Li, X. C., Wang, L. Z. Liu, Y. and Su, L. N. 2005. A new species and five new records of the family Echiniscidae (Tardigrada) from China. **Zootaxa**, 1093: 25 - 33
- Li, X. C., Wang, D. Y. and Wang L. Z., 2008. The Tardigrada fauna of Hainan Island (Asia: China) with description of two new species. **Raffles Bulletin of Zoology** 56: 293 - 305
- Li, X. C., Wang, L. Z. and Yu, D. 2005. *Isohypsibius qinlingensis* sp. nov. (Tardigrada, Hypsibiidae) from China. **Zootaxa**, 980: 1 - 4
- Li, X. C., Wang, L. Z. and Yu, D. 2007. The Tardigrada fauna of China with descriptions of three new species of Echiniscidae. **Zoological Studies**. 46: 135 - 147

- Lindgren, E. W.*, 1971. Psammolittoral marine Tardigrades from North Carolina and their conformity to worldwide zonation patterns. **Cah. Biol. Mar.**, 12: 481 - 496
- Loman, J. C. C.*, 1919. De verwantschap der Tardigraden. **Bijdr. Dierk.**, 21: 73 - 79
- Loman, J. C. C.*, 1920. *Macrobotus Hufelandii* S. Sch. **Tijdschr. Dierk. Ver.**, ser. 2 vol. 18. p. 13
- Loman, J. C. C.*, 1920. Bijdrage tot de kennis der Tardigraden-fauna van Nederland. **Tijdschr. Dierk. Ver.**, ser. 2 vol. 18. p. 15
- Loman, J. C. C.*, 1922. Over de voorplanting der Tardigrade. **Bijdragen tot de Dierkunde**. 22 (feestnummer): 43 - 45
- Loman, J. C. C.*, 1924. *Echiniscus sigismundi*. **Tijdschr. Nederl. Dierk. Ver.**, ser 2 vil. 19, p. 18
- Loman, J. C. C.*, 1927. Nomenclature zoologique appliquée au petit groupe des Tardigrades. **Ann. Sc. Nat. Zool.**, 10: 151 - 168
- Loman, J. C. C.*, 1928. Tardigrada. In J. E. W. IHLE & H. F. NIERSTRASZ, Leerboek der Bijzondere Dierkunde, pp. 215 - 217 (Utrecht).

M

- Maas, A. and Waloszek, D.*, 2001. Cambrian derivatives of the early Arthropod stem lineage, Pentastomids, Tardigrades and Lobopodians - an "Orsten" perspective. **Zool. Anz.** 240: 451 - 459
- Majer, J. D., Recher, H. F., Graham, R. and Gupta, R.*, 2003. Trunk invertebrate faunas of western Australian forests and woodlands: Influence of tree species and season. **Austral Ecology**, 28: 629 - 641
- Manicardi, G. C.*, 1989. Two new species of soil moss eutardigrades (Tardigrada) from Canada. **Can. J. Zool.**, 67: 2282 - 2285
- Manicardi G. C. and Bertolani, R.*, 1987. First contribution to the knowledge of alpine grassland tardigrades. In R. Bertolani (ed.), *Biology of tardigrades. Proceedings of the fourth international symposium on the Tardigrada, September 1985, Modena, Italy. Selected Symposia and Monographs U.Z.I.*, Vol. 1. pp. 177 - 185.
- Marcus, E.*, 1927. Zur Anatomie und Ökologie mariner Tardigraden. **Zool. Jahrb. Syst.** 53: 487 - 558
- Marcus, E.*, 1927. Zur Ökologie und Physiologie der Tardigraden, **Zool. Jahrb. Phys.**, 44: 323 - 370
- Marcus, E.* 1928. Spinnentiere oder Arachoides. IV Bärtierchen (Tardigrada). **Tierwelt Deutschlands und der angrenzenden Meeresteile Jena** 12: 1 - 230
- Marcus, E.*, 1928. Zur vergleichenden Anatomie und Histologie der Tardigraden. **Zool. Jb. Physiol.**, 45: 99 - 158
- Marcus, E.*, 1928. Zur Embryologie der Tardigraden. **Verh. Dtsch. Zool. Ges.**, 32: 134 - 146
- Marcus, E.*, 1929. Zur Embryologie der Tardigraden. **Zool. Jb (II)** 50: 333 - 383
- Marcus, E.* 1929. Tardigrada. **Bronn's Klassen und Ordnungen des Tierreichs**. 5: 1 - 608. D. de Gruyter, Berlin und Leipzig.
- Marcus, E.*, 1930. Beiträge zur Tardigradensystematik. **Zool. Jb. Syst.** 59: 363 - 386
- Marcus, E.*, 1930. Materialbeschaffung, Lebendbeobachtung und Haltung von Tardigraden. In: "Abderhaldens handbuch der biologischen Arbeitsmethoden", Abt. IX, Teil 7.
- Marcus, E.*, 1931. Tardigraden aus Sumatra. **Arch. Hydrobiol.**, 8: 608 - 613

- Marcus, E., 1934. Tardigrada. **Arch. Hydrobiol.**, 26: 91 - 100
- Marcus, E., 1934. Tardigrada. in **Hand. Naturw.**, 2nd ed., 9: 859 - 864
- Marcus, E., 1935. Tardigrada. In: "Mission Scientifique de L'omo". **Mus. d'Hist. nat. Paris** 2 (14): 249 - 253
- Marcus, E., 1936. Tardigrada. **Das Tierreichs** 66: 1 - 340
- Marcus, E., 1937. Sobre a anabiose dos tardigrados, com descricao duma nova especie. **Bol. Biol. S. Paulo**, 3: 7 - 13
- Marcus, E., 1939. Tardigrada. The Percy Sladen Trust Exped. to Lake Titicaca in 1937. **Trans Linn. Soc. Lond. ser 3**, 1: 45 - 59
- Marcus, E., 1940. VIII Tardigrades. Croisière Bouganville aux îles Australes Françaises. **Mémoires du Muséum National d'Histoire Naturelle, nouvelle série**, T. XIV: 285 - 292
- Marcus, E., 1946. *Batillipes pennaki* a new marine Tardigrade from the North and South American Atlantic Coasts. **Com. Zool. Mus. Hist. Nat. Montevideo** 2: 1 - 3
- Marcus, E., 1959. Tardigrada. In: Freshwater Biology. Edited by Edmonson. Wiley and Sons, New York: 508 - 521
- Marley, N. J., 2006. A new species of Tardigrada, *Platicrista ramsayi* sp. nov. from the páramo of Volcán Chiles, Ecuador. **Zootaxa** 1166: 35 - 48
- Marley, N. J., Bertolani, R. and Nelson, D. R., 2008. Designation of *Pseudobiotus kathmanae* Nelson, Marley & Bertolani, 1999 as the type species for the genus *Pseudobiotus* Nelson, 1980 (Tardigrada). **Zootaxa** 1940: 41 - 47
- Marley, N. J. and Wright, D. E., 1996. *Amphibolus weglarskae* (Dastych), a new addition to the Tardigrada of Iceland, with an updated checklist of Icelandic species (Eohypsibiidae, Eutardigrada). **Quekktet J. Microsc.**, 37: 541 - 545
- Martin, N. A. and Yeates, G. W., 1975. Effect of four insecticides on the pasture ecosystem. III. Nematodes, rotifers and tardigrades. **N. Z. Journal of Agricultural Research**, 18: 307 - 312
- Martinez, E. A., 1975. Marine Meiofauna of a New Yourk City Beach, with Particular Reference to Tardigrada. **Estuarine and Coastal Marine Science**, 3: 337 - 348
- Mass, A. and Waloszek, D., 2001. Cambrian derivatives of the early arthropod stem lineage, pentastomids, tardigrades and lobopodians - An 'Orsten' perspective. **Zool. Anz.**, 240: 451 - 459
- Massoneau, J. and May, R. M., 1950. Le pigment des Echinisciens. **Bull. Soc. Zoo. Fra.**, 75: 187 - 195
- Mathews, G. B., 1936 - 1937. Tardigrada from Japan. **Pek. Nat. Hist. Bull.** 2: 411 - 412
- Mathews, G. B., 1937. The Tardigrada or water bears. **China J.** 26: 97 - 105
- Mathews, G. B., 1937. More tardigrades from the Far East. **China J.** 27: 32 - 35
- Mathews, G. B., 1938. Tardigrada from North America. **Amer. Mid. Natur.** 19: 619 - 627
- Maucci, W., 1951 - 52. Contributo alla conoscenza dei Tardigradi d'Italia. **Boll. Soc. Adriatica Sci. Nat.**, 46: 99 - 110
- Maucci, W., 1952. Un nuovo *Pseudechiniscus* del Carso Triestino (Tardigrada, Scutechiniscidae). **Atti. Soc. Ital. Sc. Nat.**, XCI; 127 - 130
- Maucci, W., 1954. Tardigradi nuovi della fauna Italiana. **Atti Soc. Ital. Sc. Nat., Milano**, 93: 576 - 585
- Maucci, W., 1972. Due nuove specie di tardigradi muscicoli dell'Istria. **Mem. Mus. Civ. St. Nat. Verona**, 20: 1 - 8

- Maucci, W.*, 1972. Tardigradi muscicoli della Turchia. **Mem. Mus. Civ. St. Nat. Verona**, 20: 161 - 221
- Maucci, W.*, 1973. *Macrobiotus spallanzanii* sp. nov. and redescription of *Macrobiotus tenuis* Binda and Pilato. **Boll. Zool.**, 40: 261 - 267
- Maucci, W.*, 1973. Descrizione di *Hypsibius (Isohypsibius) basalovi* sp. nov. e altre notizie su Tardigradi del veronese. **Mem. Mus. Civ. St. Nat. Verona**, 20: 275 - 281
- Maucci, W.*, 1973 - 1974. Tardigradi muscicoli del Carso Triestino. **Boll. Soc. Adriat. Sc., Trieste**, 59: 107 - 150
- Maucci, W.*, 1974. *Hypsibius (H.) cataphractus* (Tardigrada: Macrobiotidae) und weitere Nachrichten über Tardigraden aus Österreich. **Bericht des Naturwissenschaftlich-Medizinischen Vereins in Innsbruck** 61: 83 - 86
- Maucci, W.*, 1974. Tardigradi muscicoli della Turchia (secondo contributo). **Boll. Mus. Civ. St. nat. Verona**, 1: 255 - 275
- Maucci, W.*, 1978. Tardigradi muscicoli della Turchia (terzo contributo). **Boll. Mus. Civ. St. Nat. Verona** 5: 111 - 140
- Maucci, W.*, 1978. Una nuova specie di *Echiniscus* Dall'Afganistan (Tardigrada, Echiniscoidea). **Mem. Ist. Ital. Idrobiol.**, 36: 117 - 120
- Maucci, W.*, 1979. Osservazioni sul valore tassonomico di *Macrobiotus recens* Cuénot, 1932 (Tardigrada, Macrobiotidae). **Natura**, Milano, 70: 258 - 264
- Maucci, W.*, 1979. I *Pseudechiniscus* del gruppo *cornutus*, con descrizione di una nuova specie (Tardigrada, Echiniscidae). **Zeszt. Nauk. Uniw. Jagiell., Pr. Zool.** Krakow. 25: 107 - 124
- Maucci, W.*, 1980. Analisi preliminare di alcune dati statistici sulla ecologia dei Tardigrada muscicoli. **Bollettino del Museo Civico di Storia Naturale, Verona** 7: 1 - 47
- Maucci, W.*, 1980. *Dactylobiotus haplonyx* sp. nov., nuova specie di tardigrado della fauna interstiziale dei fiumi padani. **Boll. Mus. Civ. St. nat. Verona** 7: 495 - 499
- Maucci, W.*, 1981. *Hexapodibius castrii*, nuova posizione sistematica per *Hypsibius (Calohypsibius) castrii* Ramazzotti, e considerazioni sul genere *Hexapodibius* Pilato (Eutardigrada, Hypsibiidae). **Atti Soc. Ital. Sci. Nat. Museo Civ. Stor. Nat. Milano**, 122: 32 - 36
- Maucci, W.*, 1981. Analisi di alcune biocenosi relative a Tardigradi muscicoli. **Boll. Mus. Civ. St. Nat. Verona** 8: 67 - 83
- Maucci, W.*, 1982. Sulla presenza in Italia di *Cornechiniscus holmeni* (Petersen, 1951), e descrizione di *Macrobiotus hyperonyx* sp. nov. **Boll. Mus. Civ. St. Nat. Verona** 9: 175 - 179
- Maucci, W.*, 1983. *Echiniscus biscalptus* n. sp., del Marocco, ed *E. lichenorum* n. sp., del Portogallo. **Atti Soc. ital. Sci. Mus. civ. Stor. Nat. Milano** 124: 257 - 261
- Maucci, W.*, 1985. Materiali per una revisione del genere *Echiniscus* Schultze, 1840. I. Il complesso *blumi* (Heterotardigrada, Echiniscidae). **Bollettino del Museo Civico di Storia Naturale, Verona** 12: 109 - 139
- Maucci, W.*, 1986. Tardigrada. **Fauna d'Italia, vol 24: Bologna: Calderini**, 1 - 388
- Maucci, W.*, 1987. A contribution to the knowledge of the North American Tardigrada with emphasis on the fauna of Yellowstone National Park (Wyoming). In: *Biology of Tardigrada*. Bertolani R. ed., Selected Symposia and Monographs, U.Z.I., Mucci Modena pp 187 - 210
- Maucci, W.*, 1988. Tardigrada from Patagonia (Southern South America) with description of three new species. **Rev. Chilena Entomol.** 16: 5 - 13

- Maucci, W.*, 1988. Tardigradi della Mongolia Esterna, con Descrizione di *Macrobotus mongolicus* sp. nov. **Boll. Mus. Civ. St. Nat. Verona** 14: 339 - 349
- Maucci, W.*, 1988 (1991). Tre nuove specie di Eutardigradi della Groenlandia meridionale. **Bollettino del Museo Civico di Storia Naturale, Verona** 15: 279 - 289
- Maucci, W.*, 1989. Alcune considerazioni nello proposito della posizione sistematica del genere *Haplomacrobotus* May, 1948 (Eutardigrada; Macrobiotidae). **Boll. Mus. civ. St. nat. Verona**, 16: 389 - 398
- Maucci, W.*, 1990. Prime notizie su Tardigradi "Terrestri" del Madagascar con descrizione di tre specie nuove. **Boll. Mus. civ. St. nat. Verona**, 17: 381 - 392
- Maucci, W.*, 1991. Due nuove specie di tardigradi muscicoli della Spagna. **Boll. Mus. Civ. St. nat. Verona**, 15: 257 - 264
- Maucci, W.*, 1993. Prime notizie su Tardigradi "terrestri" del Madagascar con descrizione di tre specie nuove. **Boll. Mus. Civ. St. nat. Verona**, 17: 381 - 392
- Maucci, W.*, 1996. Tardigrada of the Arctic tundra with description of two new species. **Zoological Journal of the Linnean Society**, 116: 185 - 204
- Maucci, W. and Durante Pasa, M. V.*, 1980. Tardigradi muscicoli delle Isole Andamane. **Bollettino Museo Civico di Storia Naturale di Verona** 7: 281 - 291
- Maucci, W. and Durante Pasa, M. V.*, 1982. Tardigradi della Grecia (secondo contributo), con particolare riferimento alla fauna dell'Isola di Creta. **Boll. Mus. Civ. St. Nat. Verona**, 9: 479 - 488
- Maucci, W. and Durante Pasa, M. V.*, 1984. I Tardigradi della Penisola Iberica. **Miscellanea Zoologica**, 8: 67 - 80
- Maucci, W. and Durante Pasa, M. V.*, 1984. *Macrobotus lusitanicus* sp. nov., nuova species di Eutardigrado del Portogallo nord-occidentale (Tardigrada, Macrobiotidae). **Boll. Mus. Civ. St. Nat.**, Verona, 11: 319 - 326
- Maucci, W. and Durante Pasa, M. V.*, 1985. Il Tardigradi della fauna Portoghese. **Anais da Faculdade de Ciencias, Universidade do Porto**, 65: 127 - 174
- Maucci, W. and Pilato, G.*, 1974. *Macrobotus spectabilis* Thulin, 1928 e *Macrobotus grandis* Richters, 1911: due buone species di Eutardigradi. **Animalia** 1: 245 - 255
- Maucci, W. and Ramazzotti, G.*, 1981. *Cornechiniscus* gen. nov.: nuova posizione sistematica per i cosiddetti "*Pseudechiniscus* gruppo *cornutus*" con descrizione di una nuova specie (Tardigrada, Echiniscidae). **Mem. Ist. ital. Idrobiol.**, 39: 147 - 151
- Maucci, W. and Ramazzotti, G.*, 1981. *Adorybiotus* gen. nov.: nuova posizione sistematica per *Macrobotus granulatus* Richters, 1903 e per *Macrobotus coronifer* Richters, 1903 (Tardigrada, Macrobiotidae). **Mem. Ist. Ital. Idrobiol., Pallanza**, 39: 153 - 159
- May, R. M.*, 1946. Cytologie des globules cavitaires actifs et dormants chez le tardigrade *Macrobotus hufelandi* Schultze. **Arch. Anat. Microsc. Morphol. Exp.** 36: 136 - 150
- May, R. M.*, 1948. La vie des Tardigrades. **Gallimard, éd., Paris**, 133 p.
- May, R. M.*, 1948. Nouveau genre et espèce de Tardigrade du Mexique: *Haplomacrobotus hermosillensis*. **Bull. Soc. Zool. Fr.**, 73: 95 - 97
- May, R. M.*, 1950. La suspension de la vie et la reviviscence cellulaire. **Atomes-Juin** 1950: 189 - 192
- May, R. M.*, 1951. L'évolution des tardigrades de la vie aquatique à la vie terrestre. **Bull. Franc. de Pisc.**, 168: 93 - 100

- May, R. M., 1953. L'evolution des tardigrades de la vie aquatique et la vie terrestre. **Bull. Fran. Pisciculture** 25: 93 - 100
- May, R. M., 19XX. Avec les Tardigrades aux confins de la vie et de la mort. **Alternances Biologiques**: 36 - 40
- May, R. M., Maria, M. and Guimard, J., 1964. Actions différentielles des rayons x et ultraviolets sur le tardigrade *Macrobiotus areolatus*, à l'état et desséché. **Bull. Biol. France Belgique** 98: 349 - 367
- McFatter, M. M., Meyer, H. A. and Hinton, J. G., 2007. Nearctic freshwater tardigrades: a review. In G. Pilato L. Rebecchi (eds.) *Proceedings of the Tenth International Symposium on Tardigrada*. **J. Limnol**, 66 (Suppl. 1): 84 - 89
- McGinty, M. 1969. *Batillipes gilmartini*, a new Marine Tardigrade from a California Beach. **Pac. Sci.**, 23: 394 - 396
- McGinty, M. and Higgins, R., 1968. Ontogenic variation of taxonomic characters of two marine Tardigrades with the description of *Batillipes bullacaudatus* n. sp. **Trans. Amer. Microsc. Soc.** 87: 252 - 262
- McGlothlin, K. L., 1990. Long-term stability in Tardigrade populations on Roan Mountain, Tennessee. Unpublished Master's Thesis, East Tennessee State University, Johnson City, 84 pp
- McInnes, S. J., 1991. Notes on tardigrades from the Pyrenees, including one new species. **Pedobiologia** 35: 11 - 26
- McInnes, S. J., 1994. Zoogeographic distribution of terrestrial /freshwater tardigrades from current literature. **Journal of Natural History**, 28: 257 - 352
- McInnes, S. J., 1994. Rediscovery of the species *Echiniscus macronyx* Richters, 1907 on South Georgia, South Atlantic, its new systematic position and redescription within the genus *Testechiniscus*. **Bollettino di Zoologia**, 61: 83 - 87
- McInnes, S. J., 1995. Tardigrades from Signy Island, South Orkney Islands, with particular reference to freshwater species. **J. Nat. Hist.**, 29: 1419 - 1445
- McInnes, S. J., 1995. Taxonomy and ecology of tardigrades from Antarctic lakes. M. Sc. Thesis for the Open University. BAS. Cambridge 248 pp
- McInnes, S. J., 2001. Is It Real? **Zool. Anz.**, 240: 467 - 469
- McInnes, S. J., 2003. A predatory fungus (Hyphomycetes: *Lecophagus*) attacking Rotifera and tardigrada in maritime Antarctic lakes. **Polar biol.**, 26: 79 - 82
- McInnes, S. J., 2010. *Echiniscus corrugicaudatus* (Heterotardigrada; Echiniscidae) a new species from Ellsworth Land, Antarctica. **Polar Biol.**, 33: 59 - 70
- McInnes, S. J., Chown, S. L., Dartnall, J. G. and Pugh, P. J. A., 2001. *Milnesium* cfr. *tardigradum* (Milnesiidae, Apochela, Tardigrada): a monitor high altitude meiofauna on sub-Antarctic Marion Island. **Zool. Anz.**, 240: 461 - 465
- McInnes, S. J. and Convey, P., 2005. Tardigrade fauna of the South Sandwich Islands, maritime Antarctic. **Zootaxa**, 1058: 43 - 49
- McInnes, S. J. and Ellis-Evans, J. C. 1987. Tardigrades from maritime Antarctic freshwater lakes. In R. Bertolani (ed.) *Biology of Tardigrades, Selected Symposia and Monographs Unione Zoologica Italiana*, Vol. 1 (Modena, Italy: Modena Mucchi): 111 - 124
- McInnes, S. J. and Ellis-Evans, J. C. 1990. Micro-invertebrate community structure within a maritime Antarctic lake. *Proc. N.I.P.R. Symp.* **Polar Biol**, 3: 179 - 189
- McInnes, S. and Norman, D. (eds.), 1996. Tardigrade biology. *Proceedings of the sixth international symposium on Tardigrada, August 1994, Cambridge, England*. **Zool. J. Linn. Soc.**, 116: 1 - 243

- McInnes, S. J. and Pugh, P. J. A., 1998. Biogeography of limnoterrestrial Tardigrada, with particular reference to the Antarctic fauna. **J. Biogeogr.**, 25: 31 - 36
- McInnes, S. J. and Pugh, P. J. A., 1999. Zonation in Antarctic lake-dwelling benthic meiofauna, with emphasis on the Tardigrada. In H. Greven (ed.) *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany*. **Zool. Anz.**, 238: 283 - 288
- McInnes, S. J. and Pugh, P. J. A., 2007. An attempt to revisit the global biogeography of limno-terrestrial Tardigrada. In G. Pilato and L. Rebecchi (eds.) *Proceedings of the Tenth International Symposium on Tardigrada*. **J. Limnol.**, 66 (Suppl. 1): 90 - 96
- McKirdy, D. J. 1975. *Batillipes* (Heterotardigrada): Comparison of six species from Florida (USA) and a discussion of taxonomic characters within the genus. **Mem. Ist. Ital. Idrobiol.** 32, Suppl.: 177 - 223
- McKirdy, D., Schmidt, P. and Mc-Ginty-Bayly, M. 1976. Interstitielle Fauna von Galapagos XVI. Tardigrada. **Mikrof. Meeresb.** 58: 409 - 449
- Mehlen, R. H., 1967. Tardigrada from Brazos County, Texas. M. S. Thesis. Texas A & M. Univ., College Station, Texas
- Mehlen, R. H., 1969. New Tardigrada from Texas. **Am. Midl. Nat.**, 81: 395 - 404
- Mehlen, R. H., 1969. Tardigrada: taxonomy and distribution in Costa Rica. **Trans. Amer. Microsc. Soc.**, 88: 498 - 505
- Meininger, C. A., 1981. The influence of urban climate on the tardigrade species inhabiting mosses and lichens. M. S. Thesis, University of Cincinnati, Cincinnati, Ohio, 109 pp.
- Meininger, C. A. and Spatt, P. D., 1988. Variation of tardigrade assemblages in dust-impacted arctic mosses. **Arctic Alpine Res.**, 20: 24 - 30
- Meininger, C. A., Uetz, G. W. and Snider, J. A., 1985. Variation in epiphyte-communities (tardigrade-lichen-bryophyte assemblages) of the Cincinnati, Ohio area. **Urban Ecology**, 9: 45 - 61
- Meyer, H. A., 2001. Tardigrada of Louisiana and Arkansas, United States of America. **Zool. Anz.**, 240: 471 - 474
- Meyer, H. A., 2006. Interspecific association and substrate specificity in tardigrades from Florida, southeastern United States. **Hydrobiologica**, 558: 129 - 132
- Meyer, H. A., 2006. Small-scale spatial distribution variability in terrestrial tardigrade populations. **Hydrobiologia**, 558: 133 - 139
- Meyer, H. A. and Hinton, J., 2007. Limno-terrestrial Tardigrada of the Nearctic Realm. In G. pilato and L. Rebecchi (Eds.), *Proceedings of the Tenth Internatinal Symposium on Tardigrada*. **J. Limnol.**, (Suppl. 1) 66: 97 - 103
- Michalczyk, L. and Kaczmarek, L., 2003. *Minibiotus constellatus*, new species of Tardigrada (Eutardigrada, Macrobiotidae) from Peru. **Genus**, 14: 295 - 305
- Michalczyk, L. and Kaczmarek, L., 2003. Water bears (Tardigrada) of the Bieszczady Mountains (Poland, West Carpathians). **Zootaxa** 242: 1 - 24
- Michalczyk, L. and Kaczmarek, L., 2003. A description of the new tardigrade *Macrobiotus reinhardti* (Eutardigrada: Macrobiotidae, *harmsworthi* group) with some remarks on the oral cavity armature within the genus *Macrobiotus* Schultze. **Zootaxa**, 331: 1 - 24
- Michalczyk, L. and Kaczmarek, L., 2004. *Minibiotus eichhorni* sp. nov., a new species of eutardigrade (Eutardigrada: Macrobiotidae) from Peru. **Ann. Zool.** 54: 673 - 676
- Michalczyk, L. and Kaczmarek, L., 2005. The first record of the genus *Calohypsibius* Thulin, 1928 (Eutardigrada: Calohypsibiidae) from Chile (South America) with

- description of a new species *Calohypsibius maliki*. **New Zealand Journal of Zoology**, 32: 287 - 292
- Michalczyk, L. and Kaczmarek, L., 2006. A new species *Macrobiotus magdalenae* (Tardigrada: Eutardigrada: Macrobiotidae, *richtersi* group) from Costa Rican rain forest (Central America). **New Zealand Journal of Zoology**, 33: 189 - 196
- Michalczyk, L. and Kaczmarek, L., 2006. Revision of the *Echiniscus bigranulatus* group with a description of a new species *Echiniscus madonnae* (Tardigrada: Heterotardigrada: Echiniscidae) from South America. **Zootaxa**, 1154: 1 - 26
- Michalczyk, L. and Kaczmarek, L., 2006. *Macrobiotus huziori*, a new species of Tardigrada (Eutardigrada: Macrobiotidae) from Costa Rica (Central America). **Zootaxa**, 1169: 47 - 59
- Michalczyk, L. and Kaczmarek, L., 2007. *Echiniscus ganczareki*, a new species of Tardigrada (Heterotardigrada: Echiniscidae, *bigranulatus* group) from Costa Rica. **Zootaxa**, 1471: 15 - 25
- Michalczyk, L. Kaczmarek, L. and Claxton, S. K. 2005. *Minibiotus weglarskae*, a new species of Tardigrada (Eutardigrada: Macrobiotidae) from Mongolia. **Zootaxa**, 1008: 47 - 56
- Michalczyk, L. Kaczmarek, L. and Weglarskae, B., 2006. *Macrobiotus sklodowskae* sp. nov. (Tardigrada: Eutardigrada: Macrobiotidae, *richtersi* group) from Cyprus, **Zootaxa** 1371: 45 - 46
- Middleton, R. C., 2003. Tardigrades in southern Africa. **African Journal of Ecology**, 41: 280 - 282
- Mihelcic, F., 1938. Beitrage zur Kenntnis der Tardigraden Jugoslawiens IV. **Zool. Anz.**, 121: 95 - 96
- Mihelcic, F., 1938. Beitrage zur Kenntnis der Tardigraden Jugoslawiens. **Zool. Anz.**, 121: 349 - 350
- Mihelcic, F., 1938. Beitrage zur Kenntnis der Tardigraden Jugoslawiens III. **Zool. Anz.**, 122: 318 - 321
- Mihelcic, F., 1938. Beitrage zur Kenntnis der Tardigraden Jugoslawiens IV. **Zool. Anz.**, 123: 316 - 318
- Mihelcic, F., 1938. Beitrage zur Kenntnis der Tardigraden Jugoslawiens V. Die tardigraden der Hölen und grotten des Karstes. **Zool. Anz.**, 123: 318 - 319
- Mihelcic, F., 1938. Einige Fälle abnormalen Baues der krallen bei *Hypsibius* (Tardigr.). **Zool. Anz.**, 122: 159 - 160
- Mihelcic, F., 1938. Asymmetrische Formen der Anhänge bei *Echiniscus granulatus*. **Zool. Anz.**, 123: 59 - 60
- Mihelcic, F., 1939. Beitrage zur Kenntnis der Tardigrada Jugoslawiens (VI) *Echiniscus loxophthalmus* Richters, 1911. **Prirodoslovne razprave**, 3: 331 - 336
- Mihelcic, F., 1939. Tardigrada der Sanntaler Alpen (Savinjske Alpe). **Prirodoslovne razprave**, 3: 337 - 345
- Mihelcic, F., 1941. Prinosi k poznavanju Tardigrada Slovenije. **Inauguraldissertation Laibach** pp. 1 - 4
- Mihelcic, F., 1949. Nuevos biotopos de Tardigrados. **An. de Edafologia y Fisiologia vegetal**, 8: 511 - 520
- Mihelcic, F., 1950. Zur Physiologie und Ökologie der Tardigraden. **Arch. Zool. Ital.**, 35: 1 - 11
- Mihelcic, F., 1951. Beitrag zur Systematik der Tardigraden. **Archivio Zool. Italiano**, 36: 57 - 103

- Mihelcic, F.*, 1952. Contribución al estudio de la ecología de los Tardigrados que habitan suelos de humus (I). **Anales de Edafología y Fisiología Vegetal**, 11: 407 - 446
- Mihelcic, F.*, 1952. Contribución al estudio de la ecología de los Tardigrados que habitan suelos de humus (II). **Anales de Edafología y Fisiología Vegetal**, 11: 651 - 680
- Mihelcic, F.*, 1953. Contribution al conocimiento de los Tardigrados, con especial consideracion de los Tardigrados de Ostirol I. **Anales de Edafología y Fisiología Vegetal**, 12: 243 - 274
- Mihelcic, F.*, 1953. Contribution al conocimiento de los Tardigrados, con especial consideracion de los Tardigrados de Ostirol II. **Anales de Edafología y Fisiología Vegetal**, 12: 431 - 479
- Mihelcic, F.*, 1953. Vorläufiger Bericht über die in den Wäldern um Gölttschach (maria Rain, Kärnten) festgestellten Tardigraden und Nematoden. **Carinthia II**, 63/143: 115 - 117
- Mihelcic, F.*, 1954. Contribución al conociemiento de los tardigrados en Espana; estudio sistemático-ecológico. **Anales de Edafología y Fisiología Vegetal**, 13: 103 - 109
- Mihelcic, F.*, 1954. Zur Ökologie der Tardigraden. **Zool. Anz.**, 153: 250 - 257
- Mihelcic, F.*, 1954. Zur Ökologie und Verbreitung der Gattung *Hypsibius* (Tardigrada). **Bonner Zool. Beitr.**, 6: 240 - 244
- Mihelcic, F.*, 1955. Zwei neue Tardigradenarten aus Spanien. **Zool. Anz.**, 155: 309 - 311
- Mihelcic, F.*, 1955. Krankheits- und Degenerationserscheinungen bei Tardigraden. **Zool. Anz.**, 154: 309 - 312
- Mihelcic, F.*, 1955. Zur Ökologie und Verbreitung der gattung *Hypsibius* (Tardigrada). **Bonner Zool. Beitr.**, 6: 240 - 244
- Mihelcic, F.*, 1957. Contribución a la ecología de los tardigrados de suelos húmedos. **An. de Edafología y Fisiología Vegetal** 16: 651 - 671
- Mihelcic, F.*, 1957. El problema de las bioformas de los Tardigrados. **Anal. Edaf. Fisiol. Vegetal, Madrid**. 16: 1197 - 1200
- Mihelcic, F.*, 1958. Sobre la geofilia de los Tardigrados. **Anal. Edaf. Fisiol. Vegetal, Madrid**, 17: 397 - 405
- Mihelcic, F.*, 1958. El problema de las bioformas de los Tardigrados. **Anal. Edaf. Fisiol. Veget.**, 16: 1197 - 1200
- Mihelcic, F.*, 1958. Ein neue Tardigradenart feuchter Standorte. **Zool. Anz.**, 160. 105 - 108
- Mihelcic, F.*, 1959. Zwei neue Tardigraden aus der Gattung *Hypsibius* Thulin aus Osttirol (Österreich). Systematisches zur Gattung *Hypsibius* Thulin. **Zol. Anz.** 163: 254-261
- Mihelcic, F.*, 1960. Ein beitrage zur kenntnis der Süßwasser-Tardigraden Europas (Frankreich). **Verh. Zool.-Bot. Gesellsch.** Wien 100: 88 - 95
- Mihelcic, F.*, 1962. Eine neue *Hypsibius* (*Isohypsibius*)-Art (Tardigrada) aus Osttirol (Tirol). **Zool. Anz.** 168: 239 - 241
- Mihelcic, F.*, 1962. Tardigrada. In: **Catalogus Faunae Austriae**, Teil VI: 1 - 11
- Mihelcic, F.*, 1963. Bärtierchen, die auf Gletschern leben. **Mikrokosmos, Stuttgart**, 52: 44 - 46
- Michelcic, F.*, 1963. Dachmoose als Lebensstätten für Tardigraden. **Zool. Anz.** 170: 80 - 89
- Mihelcic, F.*, 1963. Beobachtungen an Tardigraden eines zerfallenden Baumstrunkes in Osttirol (Tirol). **Zool. Anz.**, 170: 149 - 153

- Mihelcic, F., 1963. Können Tardigraden im Boden leben? **Pedobiologia**, 2: 96 - 101
- Mihelcic, F., 1964. Eine neue Subspecies der Tardigradenart *Hypsibius (Diphascon) oculatus* John Murray, 1906. **Zool. Anz.**, 172: 137 - 139
- Mihelcic, F., 1964. Eine neue *Echiniscus*-Art (Tardigrada) aus Karst (*Echiniscus (E.) inocellatus* n. sp.) . **Zool. Anz.**, 172: 239 - 242
- Mihelcic, F., 1964. Ein Beitrag zur Systematik der gattung *Pseudechiniscus* Thulin, 1911. **Zool. Anz.**, 173: 163 - 168
- Mihelcic, F., 1964. Tardigraden einiger Felsenmoose in Osttirol. **Verh. zool.-bot. Ges. Wien.** 103/104: 94 - 100
- Mihelcic, F., 1964. Bärtierchen I: Körperform und Körperbau der Tardigraden. **Mikrokosmos.** 53: 267 - 272
- Mihelcic, F., 1964. Bärtierchen II: Die Lebensweise der Tardigraden. **Mikrokosmos.** 53: 375 - 377
- Mihelcic, F., 1964. Beiträge zur Kenntnis der in einigen Seen Südtirols festgestellten Tardigraden. **Der Schlern. Bozen.** 35: 354 - 355
- Mihelcic, F., 1965. Zur Kenntnis der Entwicklung der Tardigradenzönosen während der Verrottung der Streu. **Zool. Anz.**, 174: 150 - 156
- Mihelcic, F., 1965. Schneetälchen als Lebensstätten für Tardigraden. **Veröff. Haus d. Natur Salzburg.** 7 (2), Abt. 1 (N.F.): 1 - 7
- Mihelcic, F., 1965. Tardigraden einiger Auwälder in Osttirol. **Veröff. Haus d. Natur Salzburg.** 7 (2), Abt. 1 (N.F.): 1 - 10
- Mihelcic, F., 1966. Tardigradi del carso Triestino e Goriziano. **Boll. Soc. Adr. Sc.**, 54: 1 - 13
- Mihelcic, F., 1967. Ein Beitrag zur Kenntnis der Süßwassertardigraden Kärntens. **Mitt. Naturwiss. Ver. Kärnten**, 77 / 157: 222 - 227
- Mihelcic, F., 1967. Ein Beitrag zur Kenntnis der Tardigraden Argentiniens. **Verh. Zool. - Bot. Ges. Wien**, 107: 43 - 56
- Mihelcic, F., 1967. Ein Beitrag zur Kenntnis der Tardigraden der Steiermark. **Mitt. Naturwiss. Ver. Steiermark**, 97: 67 - 76
- Mihelcic, F., 1967. Der Boden als Wohnraum für Tardigraden. **An. Edafol. Agrobiol.**, 26: 145 - 157
- Mihelcic, F., 1967. Baummoose und Flechten als Lebensstätten für Tardigraden. **Carinthia II. Mitteilungen des Naturwissenschaftlichen Vereines für Kärnten.** 77/157: 227 - 236
- Mihelcic, F., 1969. Zur Kenntnis der Tardigraden Osttirols. **Veröff. Mus. Ferdinandeum Innsbruck**, 49: 113 - 119
- Mihelcic, F., 1969. Tardigraden des Grasheidengürtels der Zentralalpen Osttirols. **Veröff. Mus. Ferdinandeum Innsbruck**, 49: 119 - 124
- Mihelcic, F., 1969. Ein Beitrag zur Kenntnis der Tardigraden einiger Bäche Osttirols. **Veröff. Mus. Ferdinandeum Innsbruck**, 49: 124 - 130
- Mihelcic, F., 1969. Ein Beitrag zur Kenntnis der Tardigraden des Gölttschacher Moores bei Maria Rain (Kärnten). **Carinthia II**, 79/159: 138 - 144
- Mihelcic, F., 1969. Kurzbericht über Tardigraden einiger Böden Kärntens. **Carinthia II**, 81/161: 75 - 85
- Mihelcic, F., 1969. Ein Beitrag zur Kenntnis der Tardigraden des Süßwassers Italiens. **Arch. Oceanogr. Limnol.**, 17: 95 - 103
- Mihelcic, F., 1970. Beitrag zur gattung *Pseudechiniscus* Thulin (Phylum Tardigrada). **Carinthia, Klagenfurt**, 160: 105 - 110
- Mihelcic, F., 1971. Süßwassertardigraden aus Nordeuropa. **Ent. Scand.**, 2: 205 - 214

- Mihelcic, F.*, 1971. Beobachtungen an Tardigraden Osttirols (I). **Veröff. Mus. Ferdinandeum** 51: 110 - 140
- Mihelcic, F.*, 1971. Beitrag zur gattung *Pseudechiniscus* Thulin (Phylum Tardigrada). **Carinthia** II, 80/160: 105 - 110
- Mihelcic, F.*, 1971/1972. Ein Beitrag zur Kenntnis der Süßwassertardigraden Nordeuropas. **Verh. zool. bot. Ges. Wien**, 110/111: 37 - 45
- Mihelcic, F.*, 1971/1972. Ein weiterer Beitrag zur Kenntnis der Tardigraden Argentinens. **Verh. Zool.-Botan. Ges. Wien**, 110/111: 47 - 52
- Mihelcic, F.*, 1972. Zur Kenntnis der tardigraden der Steiermark. **Mitt. naturwiss. Ver. Steiermark**, 102: 157 - 167
- Miller, J. D.*, 1981. Ecological relationships of tardigrades and other microfauna from sub-antarctic islands and selected areas of the Antarctic, ANARE News, suppl. 1. ANARE Field Reports 1982 - 83 season: 81
- Miller, J. D., Horne, P., Heatwole, H., Miller, W. R. and Bridges, L.*, 1988. A survey of the terrestrial micrometazoa of the Vestfold Hills, Antarctica. I. Tardigrada. **Hydrobiologia** 165: 197 - 208
- Miller, W. R.*, 1975. The taxonomy and distribution of the phylum Tardigrada in Montana west of the continental divide. M. A. Thesis, Univ. of Montana, Missoula, Montana.
- Miller, W. R.*, 1995. Tardigrades of the Australian Antarctic. Ph. D. Thesis, the University of New England, 1 - 340. Armidale
- Miller, W. R.*, 1997. Tardigrades: Bears of the moss (About Tardigrades). **The Kansas School Naturalist.**, 43: 1 - 16
- Miller, W. R.*, 2004. Tardigrades as a teaching and research tool. **J. Pennsylvania Acad. Sci.**, 77: 142 - 143
- Miller, W. R., Claxton, S. K. and Heatwole, H. F.*, 1999. Tardigrades of the Australian Antarctic territories: males in the genus *Echiniscus* (Tardigrada: Heterotardigrada). In H. Greven (ed.) *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany.* **Zool. Anz.**, 238: 303 - 309
- Miller, W. R. and Heatwole, H.*, 1995. Tardigrades of the Australian Antarctic territories: the Mawson Coast, East Antarctica. **Invertebrate Biology**, 114: 27 - 38
- Miller, W. R. and Heatwole, H.*, 1996. Tardigrades of the Australian Antarctic Territories: the Northern Prince Charles Mountains, East Antarctica. **Proc. Linn. Soc. N. S. W.**, 116: 245 - 260
- Miller, W. R. and Heatwole, H.*, 2003. Tardigrades of the sub-antarctic: 5000 year old eggs from Marion Island. 9th International Symposium on Tardigrada, Florida, USA.
- Miller, W. R., Heatwole, H., Pidgeon, R. W. J. and Gardiner, G. R.*, 1994. Tardigrades of the Australian Antarctic Territories. The Larsmann Hills, East Antarctica. **Transactions of the American Microscopical Society**, 113: 142 - 160
- Miller, W. R., Horning, D. S. and Dastych, H.*, 1995. Tardigrades of the Australian Antarctic: description of two new species from Macquarie Island, Subantarctica. **Entomol. Mitt. zool. Mus. Hamburg**, 11: 231 - 239
- Miller, W. R., Horning, D. S. and Heatwole, H. F.*, 2001. Tardigrades of the Australian Antarctic: Macquarie island, sub-Antarctica. **Zool. Anz.**, 240: 475 - 492
- Miller, W. R. and Kristensen R. M.*, 1999. Tardigrades of the Australian Antarctic: A new species of the marine genus *Echiniscoides* from Macquarie Island,

- Subantarctica. In H. Greven (ed.), *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany*. **Zool. Anz.**, 238: 289 - 294
- Miller, W. R., McInnes, S. J. and Bergström, D. M., 2005. Tardigrades of the Australian Antarctic: *Hypsibius heardensis* (Eutardigrada: Hypsibiidae: *dujardini* group) a new species from sub-Antarctic Heard Island. **Zootaxa**, 1022: 57 - 64
- Miller, W.R. and Mehlen, R. H., 2007. Tardigrades of North America: re-description of *Echiniscus tamus* Mehlen, 1969 (Tardigrada: Heterotardigrada: Echiniscoidea: Echiniscidae). **Proceedings of the Biological Society of Washington**, 120: 184 - 188
- Miller, W. R. and Miller, J. D., 1999. Giant Tardigrades of Terra Incognita, In H. Greven (ed.) *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany*. **Zool. Anz.**, 238: 295 - 302
- Miller, W. R., Miller, J. D. and Heatwole, H., 1994. Tardigrades of the Australian Antarctic Territories: assessing diversity within a sample. **Memoirs of the Queensland Museum** 36: 137 - 145
- Miller, W. R., Miller, J. D. and Heatwole, H., 1996. Tardigrades of the Australian Antarctic Territories: the Windmill Islands, East Antarctica. **Zoological Journal of the Linnean Society**, 116: 175 - 184
- Mitchell, C. R. and Romano, F. A., 2007. Sexual dimorphism, population dynamics and some aspects of life history of *Echiniscus maucci* (Tardigrada; Heterotardigrada). *Proceedings of the Tenth International Symposium of Tardigrada*. **J. Limnol.**, 66 (Suppl. 1): 126 - 131
- Mitchell, D. W., 1973. *Hypsibius (Diphascon) pinguis* Marcus, a tardigrade new to the British Isles, **Ir. Nat. J.**, 17: 395
- Mitchell, D. W., 1982. Some south eastern tardigrades. **Trans. Kent Fld Club** 9: 9 - 12
- Moly de Peluffo, M. C., Peluffo, J. R., Rocha, A. M. and Doma, I. L., 2006. Tardigrada distribution in a medium-sized city of the central Argentina. **Hydrobiologia**, 558: 141 - 150
- Moon, S. N. and Kim, H. S., 1988. Eutardigrada (Tardigrada) from Korea. **Korean J. Syst. Zool.** (special issue) 2: 87 - 96
- Moon, S. N., Kim, H. S. and Kim, W., 1992. New records of two tardigrade species from Korea. **Korean J. Syst. Zool.** (special issue) 3: 39 - 44
- Moon, S. Y., 1992. Systematic study on Korean tardigrades and phylogenetic position of tardigrades based on 18 rDNA sequences **P.h.D. thesis of Seoul National University**, 190 pp.
- Moon, S. Y. and Kim, W., 1991. Systematic study on the tardigrades from Korea: new records of five tardigrade species from Korea. **Korean J. Syst. Zool.**, 7: 225 - 232
- Moon, S. Y. and Kim, W., 1994. New species of *Echiniscus* (Heterotardigrada: Echiniscoidea: Echiniscidae) from Korea. **Proc. Biol. Soc. Wash.**, 107: 511 - 513
- Moon, S. Y. and Kim, W., 1996. Phylogenetic position of the Tardigrada based on 18S ribosomal RNA gene sequences. In S. McInnes and D. Norman (eds.), *Tardigrade biology. Proceedings of the sixth international symposium on Tardigrada, August 1994, Cambridge, England*. **Zool. J. Linn. Soc.**, 116: 61 - 69
- Moon, S. Y., Kim, W. and Bertolani, R., 1994. *Doryphoribius koreanus*, a new species of Tardigrada from Korea. **Proc. Biol. Soc. Wash.**, 107: 514 - 516
- Moon, S.Y., Kim, W. and Chang, C. Y., 1989. Freshwater tardigrades from Korea. **Kor. J. Syst. Zool.**, 5 (2): 159 - 171
- Moon, S. Y., Kim, H. S. and Won, K., 1992. New records of two Tardigrade Species from Korea. **The Korean Journal of Systematic Zoology**, 3: 39 - 44

- Morgan, C. I. 1974. Studies on the biology of Tardigrades. **Ph.D. thesis, University College, Swansea**, 220 pp
- Morgan, C. I. 1975. Some notes on the Tardigrada of the Mullet peninsula, including four additions to the Irish fauna, and a key to the Irish species. **Irish Naturalists' J.**, 18: 165 - 177
- Morgan, C. I. 1976. Studies on the British tardigrade fauna. Some zoogeographical and ecological notes. **J. Nat. Hist.** 10: 607 - 632
- Morgan, C. I. 1977. Population dynamics of two species of Tardigrada, *Macribiotus hufelandii* (Schultze) and *Echiniscus (Echiniscus) testudo* (Doyère), in roof moss from Swansea. **J. Anim. Ecol.**, 46: 263 - 279
- Morgan, C. I. 1977. An annotated Catalogue of Tardigrada in the collections of the Royal Scottish Museum, Edinburgh. **R. Scott. Mus. Inform. Series, Nat. Hist.**, 5: 1 - 29
- Morgan, C. I., 1980. A systematic survey of Tardigrada from Iceland. **Acta Naturalia Islandica** 27: 1 - 25
- Morgan, C. I., 1980. Notes on the distribution and abundance of the Irish marine Tardigrada, including two additions to the Irish fauna. **Irish Naturalists Journal**, 20: 129 - 172
- Morgan, C. I. and King, P. E., 1976. Tardigrada of Jersey. **Annual Bulletin of the Société Jersiaise**. 21: 497 - 500
- Morgan, C. I. and King, P. E., 1976. British Tardigrades. **Synopses of the British Fauna (NS) No. 9. The Linnean Society/Academic Press**: 1 - 133
- Morgan, C. I. and Lampard, D. J., 1986. Supralittoral lichens as a habitat for tardigrades. **Glasgow Naturalist**, 21: 127 - 138
- Morgan, C. I. and Lampard, D. J., 1986. A wealth of water bears. **The Arran Naturalist**, 9: 24 - 30
- Morgan, C. I. and Nicholls, C. A., 1986. *Apodibius serventyi* sp. nov., a new clawless water-bear (Invertebrata: Tardigrada) from Western Australia. **J. R. Soc. West. Australia**, 69: 1 - 4
- Morgan, C. I. and O'Reilly, M., 1988: Additions to the Scottish tardigrade fauna, including a description of *Megastygarctides setoloso* new species, with a revised key for identification of Scottish marine species. **Glasgow Naturalist**, 21: 445 - 454
- Morikawa, K. 1951. Notes on marine water-bear (Tardigrada). **Saishu Shiiku** 13: 170 - 172 (In Japanese)
- Morikawa, K. 1951. Notes on four interesting *Echiniscus* (Tardigrada) from Japan. **Ann. Zool. Jap.**, 24: 108 - 110
- Morikawa, K., 1962. Notes on some Tardigrada from Antarctic Region. **Biol. Results Jap. Antarct. Res. Exp. (JARE)**, 17: 3 - 7
- Morikawa, K., 1965. Tardigrada. pp. 329 - 331. In Okada, Y. K., S. Uchida & T. Uchida (eds.), *New Illustrated Encyclopedia of the Fauna of Japan*, 2, 803 pp., Hokuryu-kan. Tokyo. (In Japanese).
- Morikawa, K., 1967. Tardigrada. pp. 295 - 333. In Uchida, T. (ed.), *Dobutsu Keito Bunruigaku*, 6, 359 pp., Nakayama-shoten, Tokyo. (In Japanese)
- Morone de Lucia, M. R., D'Addabbo Gallo, M., Grimaldi De Zio, S., 1988. Descrizione di due nuove specie di Batillipedidae (Tardigrada: Heterotardigrada). **Cahiers de Biologie Marine**, 29: 361 - 373

- Morone de Lucia, M. R., Grimaldi de Zio, S. and D'Addabbo gallo, M., 1984. Description of *Parastygarctus biungulatus* n. sp. and hypothesis of phylogeny in the Stygarctidae family (Heterotardigrada: Arthrotardigrada). **Oealia**, 10: 85 - 94
- Mullen, L., 2006. Extreme Animals. **NASA Astrobiology Institute**, 1 - 5
- Müller, J., 1936. Zur vergleichenden Myologie der Tardigraden. **Z. Wiss. Zool.** 147: 171 - 204
- Müller, O. F., 1785. Von den Bärthierchen. **Fuessly Arch d. Insectengesch.** 6: 25 - 31
- Murray, J., 1905. The Tardigrada of the Scottish Lochs. **Trans. R. Soc. Edinb.** 41: 677 - 698
- Murray, J., 1905. Microscopic life of St. Kilda. **Ann. Scott. Nat. Hist.**, 54: 94 - 96
- Murray, J., 1905. The Tardigrada of the Forth Valley. **Ann. Scott. Nat. Hist.**, 55: 160 - 164
- Murray, J., 1906. The Tardigrada of the Forth Valley. Part II. **Ann. Scott. Nat. Hist.**, 60: 214 - 217
- Murray, J., 1906. Scottish National Antarctic Expedition: Tardigrada of the South Orkneys. **Trans. Roy. Soc. Edinb.**, 45: 323 - 339
- Murray, J., 1906. Scottish Alpine Tardigrada. **Ann. Scott. Nat. Hist.**, 57: 25 - 30
- Murray, J., 1906. Scottish Alpine Tardigrada. **Ann. Scott. Nat. Hist.**, 60: 214 - 217
- Murray, J., 1907. Water-bears or Tardigrada. **Quekett Micr. Club**, 10: 55 - 70
- Murray, J., 1907. Arctic Tardigrada, collected by Wm. S. Bruce. **Transactions of the Royal Society of Edinburgh** 45: 669 - 681
- Murray, J., 1907. Some Tardigrada of the Sikkim Himalaya. **J. Roy. Microsc. Soc.** 1907: 269 - 273
- Murray, J., 1907. Encystment of Tardigrada. **Trans. R. Soc. Edinb.** 45: 837 - 854
- Murray, J., 1907. Some South African Tardigrada. **J. R. Micr. Soc. London**, 5: 515 - 524
- Murray, J., 1907. Some Tardigrada from the Sikkim Himalaya, **Journ. R. Micr. Soc.**, pt. 3: 269 - 273, pl. 14
- Murray, J., 1907. The encystment of *Macrobotus*. **The Zoologist**, 11: 4 - 11
- Murray, J., 1907. Scottish Tardigrada collected by the Lake Survey. **Trans. Roy. Soc. Edinburgh**, 45: 641 - 668
- Murray, J., 1910. Tardigrada. *British Antarctic Expedition 1907 - 1909. Reports on the Scientific Investigations. Vol. 1 Biology (Part V):* 83 - 187 (plates 14 - 21)
- Murray, J., 1910. Canadian Tardigrada. In Report for the Scientific Investigation of the British Antarctic Expedition 1907 - 1909. Volume I. London: 158 - 178
- Murray, J., 1911. Water-bears or Tardigrada. **J. Quekett Micr. Club.**, 11: 181 - 198
- Murray, J., 1911. Arctiscoidea. **Proc. R. Ir. Acad.**, 31: 1 - 16
- Murray, J., 1911. Scottish Tardigrada, a review of our present knowledge. **Ann. Scott. Nat. Hist.** 78: 88 - 95
- Murray, J., 1911. Clare Island Survey: Arctiscoidea. **Proc. Roy. Irish Acad.**, Dublin, 31: 1 - 16
- Murray, J., 1913. African Tardigrada. **J. R. Micr. Soc. London** pt. 2: 136 - 144
- Murray, J., 1913. Notes on the Natural History of Bolivia and Peru. Scottish Oceanogr. Lab., Edinburgh: 1 - 45 (Tardigrada, pp. 28 - 30)
- Møbjerg, N. and Dahl, C., 1996. Studies on the morphology and ultrastructure of the Malpighian tubules of *Halobiotus crispae* Kristensen, 1982 (Eutardigrada). In S. McInnes and D. Norman (eds.), *Tardigrade biology. Proceedings of the sixth international symposium on Tardigrada, August 1994. Cambridge, England.* **Zool. J. Linn. Soc.**, 116: 85 - 99

Møbjerg, N., Jørgensen, A., Eibye-Jacobsen, J., Agerlin Halberg, K., Persson, D. and Møbjerg Kristensen, R., 2007. New records on cyclomorphosis in the marine eutardigrade *Halobiotus crispae* (Eutardigrada: Hypsibiidae). In G. Pilato and L. Rebecchi (Guest Editors) *Proceedings of the Tenth International Symposium on Tardigrada*. **J. Limnol.**, 66 (Suppl. 1): 132 - 140

N

- Nederström, P., 1919. Die bis jetzt aus Finland bekannten Tardigraden. **Acta Soc. Fauna Flora Fenn.**, 46 (8): 1 - 25
- Nelson, D. R. 1973. Distribution of tardigrades on Roan Mountain, Tennessee - North Carolina. Ph.D. Dissertation, University of Tennessee, Knoxville, 168 pp
- Nelson, D. R. 1975. Ecological distribution of Tardigrades on Roan Mountain, Tennessee - North Carolina. In R. P. Higgins (ed.). *Proceedings of the first international symposium on Tardigrades*. **Mem. Ist. ital. Idrobiol.**, 32 Suppl.: 225 - 276
- Nelson, D. R. 1975. The hundred-year hibernation of the water bear. **Natural History**, 84 (7): 62 - 65
- Nelson, D. R. 1979. First identification and SEM analysis of *Echiniscus viridissimus* (Phylum Tardigrada) outside its type locality. **J. Tennessee Acad. Sci.**, 54: 71
- Nelson, D. R., (ed) 1982. *Proceedings of the Third International Symposium on the Tardigrada, August 3 - 6, 1980, Johnson City, Tennessee*: East Tennessee State University press, pp. 1 - 236
- Nelson, D. R., 1982. Developmental biology of the Tardigrada. In. Harrison F. W., Cowden R. R. , eds. **Developmental Biology of Freshwater Invertebrates**. Alan R. Liss, New York: 363 - 398
- Nelson, D. R., 1982. Tardigrada. In: Aquatic Biota of Mexico. Central America and the West Indies, S. H. Hurlbert and A. Villabos-Figueroa, eds. San Diego State University, San Diego. California, pp. 154 - 158
- Nelson, D. R., 1991. A new species of *Diphascoen* from new Brunswick, Canada (Tardigrada). **Can. J. Zool.** 69: 1911 - 1915
- Nelson, D. R., 1991. Tardigrada. In: Thorp, J. H. and Covich, A. P. (Eds.) **Ecology and Classification of North American freshwater Invertebrates**, Academic Press: 501 - 521
- Nelson, D. R., 1995. The hundred-year hibernation of the waterbear. **Nat. Hist.** 84: 62 - 65
- Nelson, D. R., 2001. Tardigrada. In: Thorp, J. H. and Covich, A. P. (Eds.) **Ecology and Classification of North American freshwater Invertebrates**, 2nd edition. Academic Press: 527 - 550
- Nelson, D. R., 2002. Current Status of the Tardigrada: Evolution and Ecology. **Integ. and Comp. Biol.**, 42: 652 - 659
- Nelson, D. R. and Adkins, R. G., 2001. Distribution of tardigrades within a moss cushion: Do tardigrades migrate in response to changing moisture conditions? **Zool. Anz.**, 240: 493 - 500
- Nelson, D. R. and Bartels, P. J., 2007. "Smoky Bears" - Tardigrades of the Great Smoky Mountains National Park. **S. Nat.** 6 (special issue 1): 229 - 238
- Nelson, D. R. and Higgins, R. P., 1990. 15 Tardigrada. In: Dindal, D. L. (Ed.). **Soil Biology Guide**. John Wiley and Sons Inc.: 393 - 419

- Nelson, D. R. and Horning, D. S., 1979. Tardigrada of the Kowhai Bush, Kaikoura, New Zealand. **Zesc. nauk. Univ. Jagiell.**, 25: 125 - 142
- Nelson, D. R., Kincer, C. J. and Williams, T. C., 1987. Effects on habitat disturbances on aquatic tardigrade populations: 141 - 153. In: **Biology of Tardigrades. Selected Symposia and Monographs No. 1** (R. Bertolani, ed). Mucchi, Modena
- Nelson, D. R. and Marley, N. J., 2000. The biology and ecology of lotic Tardigrada. **Freshwater Biology**, 44: 93 - 108
- Nelson, D. R., Marley, N. J. and Bertolani, R., 1999. Re-description of the genus *Pseudobiotus* (Eutardigrada, Hypsibiidae) and of the new type species *Pseudobiotus kathmanae* sp. n. In H. Greven (ed.) *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany*. **Zool. Anz.**, 238: 311 - 317
- Nelson, D. R. and McGlothlin, K. L., 1993. A new species of *Hypsibius* (phylum Tardigrada) from Roan Mountain, Tennessee, USA. **Trans. Am. Microsc. Soc.**, 112: 140 - 144
- Nelson, D. R. and McGlothlin, K. L., 1996. A new species of *Calohypsibius* (Phylum Tardigrada, Eutardigrada) from Roan Mountain, Tennessee-North Carolina, USA. **Zoological Journal of the Linnean Society**, 116: 167 - 174
- Nelson, D. R. and McInnes, S. J., 2002. Tardigrada. In S. Rundle, D. A. L. Robertson & J. M. Schmid-Araya (Eds.), *Freshwater Meiofauna*. Backhuys Publishers, Leiden: 175 - 215
- Nelson, D. R. and Schuster, R. O., 1982. Tardigrada. In: S. H. Hurlbert and Villalobos-Figueroa, A. (eds.) *Aquatic Biota of Mexico, Central America and the West Indies*. San Diego State University Press, San Diego, pp. 154 - 158
- Nelson, D. R. and Schuster, R. O., 1982. Tardigrada. In: S. H. Hurlbert, G. Rodriguez and N. D. Santos, eds. *Aquatic Biota of Tropical South America, Part 2: Anarthropoda*. San Diego State University, San Diego, California, 161 - 166
- Nemoto, T., Kin, T., Nakano, M., Shimamoto, A., Nogata, F. and Matsuura, H., 2007. Cell Preservation by Application of Tardigrada's Adaptation to Extreme Circumstances. **XXXX**, 1 - 3
- Nemoto, T., Shimamoto, A., Nogata, F., Matsuura, H., Noda, N. and Nakano, M., 2005. Change of structure into tun state of Tardigrada. **J. Biomedical** 7: 1 - 6
- Neumann, Y., 2005. Cryptobiosis. A new theoretical perspective. **Progress in Biophysics and Molecular Biology**, X: XX - XX
- Newsham, K. K., Maslen, N. R. and McInnes, S. J., 2006. Survival of Antarctic soil Metazoans at - 80 °C for six years. **CryoLetters**, 27: 296 - 280
- Nichols, P. B., 1999. The ecological distribution of the Tardigrada on Dugger Mountain (NE Alabama) with respect to seasonal and altitudinal variation., MSc. Thesis. Jacksonville State University, Jacksonville, Alabama, USA, 140 pp.
- Nichols, P. B., Nelson, D. R. and Garey, J. R., 2006. A family level analysis of tardigrade phylogeny. **Hydrobiologia** 558: 53 - 60
- Nichols, P. B., Romano, F. A. III and Nelson, D. R., 2001. Seasonal and altitudinal variation In the distribution and abundance of Tardigrada on Dugger Mountain, Alabama, **Zool. Anz.** 240: 501 - 504
- Nickel, K., Miller, W. R. and Marley, N., 2001. Tardigrades of South America: Machu Picchu and Ollantayambo, Peru. **Zool. Anz.**, 240: 505 - 509

- Nielsen, C., 2003. Defining phyla: morphological and molecular clues to metazoan evolution. **Evolution & Development**, 5: 386 - 393
- Nitzsch, C. L., 1820. *Arctiscon tardigradum*, dass Wasserbärchen. **Allg. Encycl. Wissensch. u. Künste**, Leipzig, 5
- Nkem, J. N., Wall, D. H., Virginia, R. A., Barrett, J. E., Broos, E. J., Porazinska, D. L. and Adams, B. J., 2005. Wind dispersal of soil invertebrates in the McMurdo Dry Valleys, Antarctica. **Polar Biol.**, 1 - 6
- Noda, H., 1985. Description of a new subspecies of *Angursa biscopis* Pollock (Heterotardigrada, Halechiniscidae) from Tanabe Bay, Japan. **Publ. Seto Marine Biol. Lab.** 30: 269 - 276
- Noda, H., 1987. A new species of marine Tardigrada of the genus *Florarctus* (Heterotardigrada, Halechiniscidae) from Japan. **Publ. Seto Mar. Biol. Lab.** 32: 323 - 328

O

- Okuniewska, I., 1977. A new station of *Macrobiotus spectabilis* Thulin, 1928, a rare species of Tardigrada. **Przegląd Zoologiczny** 21: 143 - 144 (in polish)
- Oppenheimer, C. and Pincussen, L., 1930. Tardigrada. **Tabulae Biologicae**. Ed. W. Junk. 6 (Supplementum II): 416 - 432
- O'Reilly, M. G., 1999. Notes on the marine tardigrade *Megastygartides seteloso* Morgan and O'Reilly, 1989. **Glasgow Naturalist**, 23: 67 - 69
- Ottesen, P. and Meier, T., 1990. Tardigrada from the Husvik area, South Georgia, Sub-Antarctic, **Polar Research**, 8: 291- 294

P

- Pacard, A. S., 1873. Discovery of a Tardigrade (*Macrobiotus americanus*). **Amer. Natur.**, 7: 740 - 741
- Pagitz, K, Huemer, P. and Jedinger, A., 2005. GEO-Tag der Artenvielfalt 2005 in Tirol - Erhebungen im Naturpark Kaunergrat. (Bärtierchen (Eutardigrada) - 3 Arten von Hieronymus Dastych, pp. 255 - 256). **Ber. nat.-med. Verein Innsbruck**, 92: 243 - 348
- Pape, T., 1986. Bjørnedyr, mider og insekter fra en humlebirede i Grønland. **Entomol. Meddr., Copenhagen**, 53: 75 - 81
- Papi, F., 1952. Su alcuni Tardigradi raccolti nell'Italia centrale. **Atti Soc. Tosc. Sc. Nat.**, 69: 3 - 5
- Pardi, L., 1941. Tardigrada. **Miss. Biol. Sagan-Omo Roma Zool.**, 6: 221 - 232
- Peluffo, J. R., Moly de Peluffo, M. C. and Rocha, A. M., 2002. Rediscovery of *Echiniscus rufoviridis* du Bois-Reymond Marcus, 1944. (Heterotardigrada, Echiniscidae). New contributions to the knowledge of its morphology, bioecology and distribution. **Gayana**, 66: 97 - 101
- Peluffo, J. R., Rocha, A. M. and Moly de Peluffo, M. C., 2007. Species diversity and morphometrics of tardigrades in a medium-sized city in the Neotropical Region: Santa Rosa (La Pampa, Argentina). **Animal Biodiversity and Conservation**, 30: 43 - 51
- Pelzer, B., Dastych, H. and Greven, H., 2007. The osmoregulatory/excretory organs of the glacierdwelling eutardigrade *Hypsibius klebelsbergi* Michelcic, 1959 (Tardigrada). **Mitt. hamb. zool. Mus. Inst.**, 104: 61 - 72
- Pennak, R. W., 1953. Tardigrada. In Fresh-water invertebrates of the United States. New York: Ronald Press Co. 769 pp

- Pennak, R. W., 1961. Tardigrada in The Encyclopedia of the Biological Sciences. Reinhold Publishing Corp., New York.
- Pennak, R. W., 1978. Fresh-water invertebrates of the United States. Second edition. Wiley and sons, New York. Tardigrada p. 239 - 253
- Pennak, R. W., 1979. Tardigrada. Fresh-water invertebrates of the United States, 2nd Edition. Wiley, New York. pp. 239 - 253
- Pennak, R. W., 1989. Tardigrada (Water Bears). Freshwater Invertebrates of the United States, 3rd edn. New York: John Wiley and sons, 254 - 268
- Petelina, O. Y. and Tchesunov, A. V., 1983. A new representative of fauna of the White Sea, *Hypsibius apelloefi* (Tardigrada). **Zoologicheskii Zhurnal**, 62: 117 - 120 (in Russian)
- Peterfi, F., 1956. Contribuțiuni la cunoașterea Tardigradelor din R. P. R. **Studii și Ceretări de Biologie** 7: 149 - 155
- Peters, T. and Dumjahn, P., 1999. Ecological aspects of tardigrade distribution on Disko Island, West Greenland. **Ber. Polarforsch.**, 330: 64 - 75
- Petersen, B., 1951. The Tardigrade fauna of Greenland. A faunistic study with some few ecological remarks. **Meddelser om Grønland, København** 150 (5): 5 - 94
- Peterson, K. I. and Eernisse, D. J., 2001. Animal phylogeny and ancestry of bilaterians: inferences from morphology and 18S rDNA gene sequences. **Evolution & Development**, 3:3 170 - 205
- Petrov, N. B. and Vladychenskaya, N. S., 2005. Phylogeny of Molting Protostomes (Ecdysozoa) as Inferred from 18S and 28S rRNA gene Sequences. **Molecular Biology**, 39: 503 - 513
- Petz, W., 1997. Ecology of the active soil microfauna (Protozoa, Metazoa) of Wilkes Land, East Antarctica. **Polar Biology**, 18: 33 - 44
- Pfannkuchen, M., Brümmer, F. and Schill, R. O., 2007. 3-Dimensional reconstruction of fluorescent structures in tardigrades. *Proceedings of the Tenth International Symposium on Tardigrada*. **J. Limnol.**, 66 (Suppl. 1): 158 - 163
- Philippe, H., Lartillot, N. and Brinkmann, H., 2005. Multigene Analysis of Bilaterian Animals Corroborate the Monophyly of Ecdysozoa, Lophotrochozoa and Protostomia. **Mol. Biol. Evol.** 22: 1246 - 1253
- Pigèon, A. and Weglarska, B., 1953. The respiration of Tardigrada: a study in animal anabiosis. **Bull. Acad. Pol. Sci.**, 1: 69 - 72
- Pigèon, A. and Weglarska, B., 1955. Anabiosis in Tardigrada: Metabolism and humidity. **Bull. Acad. Pol. Sci. Bull.**, Cl. II, 3: 31 - 34
- Pigèon, A. and Weglarska, B., 1955. The rate of Metabolism in tardigrada during active life and anabiosis. **Nature**, 176: 121 - 122
- Pilato, G., 1969. Su un interessante Tardigrado esapodo delle dune costiere siciliane: *Hexapodibius micronyx* n. gen. n. sp. **Boll. Accad. Gioenia Sci. nat., Catania**, 9: 619 - 622
- Pilato, G., 1969. Tardigradi muscicoli dell'Isola di Ustica (Sicilia), con descrizione di due specie nuove. **Boll. Sed. Accad. Gioen. Sc. Nat. Catania**, 10: 171 - 180
- Pilato, G., 1969. Schema per una nuova sistemazione delle famiglie e dei generi degli *Eutardigrada*. **Boll. Sed. Accad. Gioen. Sc. Nat. Catania**, 10: 181 - 193
- Pilato, G., 1969. Evoluzione e nuova sistemazione degli *Eutardigrada*. **Boll. Zool.**, 36: 327 - 345
- Pilato, G., 1969. Su alcuni tardigradi muscicoli delle Alpi Apuane. **Boll. sed. Acc. Gioenia Sci. Nat. Catania, Ser. IV**, 10: 194 - 204

- Pilato, G., 1970. Osservazioni sui Tardigradi delle Alpi Apuane. **Lav. Soc. Ital. Biogeogr.**, N.S., I: 336 - 348
- Pilato, G., 1971. Tardigradi delle acque dolci siciliane. Nota prima. **Boll. Accad. Gioenia Sci. Nat. Catania**, S. IV, IX, 1-2: 126 - 134
- Pilato, G., 1971. Su una nuova specie di *Doryphoribius* (Eutardigrada, Hypsibiidae) e considerazioni sulla posizione filogenetica del genere. **Boll. Zool.**, 38: 145 - 149
- Pilato, G., 1971. *Necopinatum mirabile* n. gen. n. sp., interessantissimo Eutardigrado incertae sedis. **Boll. Sed. Accad. Gioenia Sc. Nat.**, Catania, 10: 861 - 867
- Pilato, G., 1971. Nuovo contributo alla conoscenza dei Tardigradi di Sicilia. **Boll. sed. Acad. Gioenia Sc. Nat. Catania**, 10: 896 - 909
- Pilato, G., 1972. Prime osservazioni sui Tardigradi delle Isole Egadi. **Boll. sed. Acc. Gioenia Sc. Nat. Catania**, Ser IV, 11, 5: 111 - 124
- Pilato, G. 1972. Structure, intraspecific variability and systematic value of the buccal armature of eutardigrades. **Zeitschrift für Zoologische Systematik und Evolutionsforschung**, 10: 65 - 78
- Pilato, G. 1973. Tardigradi delle acque dolci siciliane. Nota seconda. **Boll. Accad. Gioenia Sci. nat. Catania**, S. IV, XII, 1-2: 177 - 186
- Pilato, G., 1973. L'armatura boccale di alcune specie di *Macrobotus* (Eutardigrada). **Boll. Accad. Gioenia Sci. nat. Catania Ser. 4** 12: 187 - 202
- Pilato, G., 1973. Precisazioni e rettifiche alla descrizione di alcune specie di Tardigradi e considerazioni su alcuni problemi inerenti al loro studio. **Boll. Sed. Accad. Gioenia Sc. Nat., Catania**, 21: 157 - 175
- Pilato, G., 1973. Redescription of *Haplomacrobotus hermosillensis* May, 1948, and consideration on the genus *Haplomacrobotus*. **Z. Zool. Syst. Evol.-forsch.**, 11: 283 - 286
- Pilato, G. 1974. Struttura dell'armatura boccale di alcune specie di *Isohypsibius* (Eutardigrada). **Animalia** 1: 43 - 58
- Pilato, G., 1974. Studio su *Diphascon scoticum* J. Murr., 1905 (Eutardigrada) e alcune altre specie ritenute ad esso affini. **Animalia**, 1: 73 - 88
- Pilato, G., 1974. Tardigradi delle acque dolci siciliane - Terza Nota. **Animalia**, 1: 235 - 244
- Pilato, G., 1974. Tre nuove specie di Tardigradi muscolari di Cina. **Animalia, Catania**, 1: 59 - 68
- Pilato, G. 1975. On the taxonomic criteria of the Eutardigrada. **Mem. Ist. Ital Idrobiol., Pallanza**, 32 suppl.: 277 - 303
- Pilato, G. 1975. Tardigradi muscolari di Sardegna. **Animalia, Catania**, 2: 79 - 90
- Pilato, G. 1976. *Macrobotus willardi* a new species of Tardigrada from Canada. **Can. J. Zool.** Ottawa, 55: 628 - 630
- Pilato, G., 1977. Variabilità in *Echiniscus militaris* Murray, 1911 (Heterotardigrada) e valore sue sottospecie. **Animalia** 4: 5 - 21
- Pilato, G., 1979. Correlation between cryptobiosis and other biological characteristics in some soil animals. **Boll. Zool.** 46: 319 - 332
- Pilato, G., 1981. Analisi di nuovi caratteri nello studio degli Eutardigradi. **Animalia**, 8: 51 - 57
- Pilato, G., 1982. The systematics of Eutardigrada. A comment. **Z. f. zool. Syst und Evolutionsforsch.** 20: 271 - 284
- Pilato, G., 1982. Descrizione di *Hexapodibius bindae* n. sp. e discussione sulla famiglia Calohypsibiidae (Eutardigrada). **Animalia** 9: 213 - 236

- Pilato, G., 1984. Sul valore di buona specie di *Macrobiotus mandalae* Pilato, 1974 (Eutardigrada). **Animalia**, 11: 17 - 21
- Pilato, G., 1987. Revision of the genus *Diphascos* Plate, 1889, with remarks on the subfamily *Itaquasconinae* (Eutardigra, Hypsibiidae). In *Biology of Tardigrades*, R. Bertolani (ed), Selected Symposia and Monographs U.Z.I., 1, Mucchi, Modena: 337 - 357
- Pilato, G., 1989. Phylogenesis and systematic arrangement of the family Calohypsibiidae Pilato, 1969 (Eutardigrada). **Z. zool. Syst. Evolut.-forsch.**, 27: 8 - 13
- Pilato, G., 1990. Tardigradi di terra Fuoco e Magallanes. II. Descrizione di *Hypsibius marcelli* n. sp. (Hypsibiidae). **Animalia** 17: 95 - 98
- Pilato, G., 1992. *Mixibius*, nuovo genere di Hypsibiidae (Eutardigrada). **Animalia** 19: 121 - 125
- Pilato, G., 1993. Nuove considerazioni sulla posizione sistematica del genere *Haplomacrobiotus* May, 1948 (Eutardigrada). **Animalia**, 20: 13 - 21
- Pilato, G., 1996. Redescription of *Isohypsibius wilsoni* and description of two new species of *Isohypsibius* (Eutardigrada) from New Zealand. **New Zealand Journal of Zoology**, 23: 67 - 71
- Pilato, G., 1997. *Astatumen*, a new genus of the Eutardigrada (Hypsibiidae, Itaquasconinae). **Entomol. Mitt. zool. Mus. Hamburg**. 12: 205 - 208
- Pilato, G. 1998. Microhypsibiidae, new family of eutardigrades, and description of the new genus *Fractonotus*. **Spixiana**, 21: 129 - 134
- Pilato, G., 2000. *Macrobiotus centesimus*, new species of eutardigrade from the South America. **Boll. Acc. Gioenia Sci. Nat.**, 33: 97 - 101
- Pilato, G., 2006. Remarks on the *Macrobiotus polyopus* group, with description of two new species (Eutardigrada, Macrobiotidae). **Zootaxa**, 1298: 37 - 47
- Pilato, G., 2007. *Echiniscus quitensis*, a new species of tardigrade from Ecuador (heterotardigrada: Echiniscidae). **Zootaxa** 1389: 55 - 60
- Pilato, G., 2009. *Bindius triquetrus* gen. nov. sp. nov. (Eutardigrada, Hypsibiidae) from Sicily (Italy). **Zootaxa** 2058: 62 - 68
- Pilato, G. and Beasley, C. W., 1987. *Haplohexapodibius seductor* n. gen. n. sp. (Eutardigrada Calohypsibiidae) with remarks on the systematic position of the new genus. **Animalia** 14: 65 - 71
- Pilato, G. and Beasley, C. 2005. *Haplomacrobiotus utahensis* new species of Calohypsibiidae (Eutardigrada) from North America. **Zootaxa**, 879: 1 - 7
- Pilato, G. and Bertolani, R., 2004. *Macrobiotus dariae* sp. n., a new species of eutardigrade (Eutardigrada, Macrobiotidae) from Cyprus, **Zootaxa**, 638: 1 - 7
- Pilato, G. and Bertolani, R. 2005. *Diphascos (Diphascos) dolomiticum*, a new species of Hypsibiidae (Eutardigrada) from Italy. **Zootaxa**, 914: 1 - 5
- Pilato, G., Bertolani, R. Binda, M. G., 1982. Studio degli *Isohypsibius* del gruppo *elegans* (Eutardigrada, Hypsibiidae) con descrizione di due nuove specie. **Animalia**, 9: 185 - 198
- Pilato, G. and Binda, M. G., 1977. Preciazioni e rettifiche alla descrizione di alcune specie di Tardigradi (Seconda nota). **Animalia** 4: 35 - 51
- Pilato, G. and Binda, M. G., 1983. Descrizione du una nuova specie di Eutardigrado d`Australia *Macrobiotus joannae* n. sp. **Animalia** 10: 262 - 272
- Pilato, G. and Binda, M. G., 1983. Precisazioni sull'apparato buccofaringeo di tipo *Diphascos* (Eutardigrada). **Animalia**. 10: 291 - 302

- Pilato, G. and Binda, M. G., 1987. *Parascon schusteri* n. gen. n. sp. (Eutardigrada, Hypsibiidae, Itaquasconinae). **Animalia**, 14: 91 - 97
- Pilato, G. and Binda, M. G., 1987. *Richtersia*, nuovo genere di Macrobiotidae e nuova definizione di *Adorybiotus* Maucci e Ramazzotti 1981 (Eutardigrada). **Animalia**, 14: 147 - 152
- Pilato, G. and Binda, M. G., 1987. *Isohypsibius ceciliae*, nuova specie di Eutardigrado (Hypsibiidae) dello Spitsbergen. **Animalia**, 14: 125 - 129
- Pilato, G. and Binda, M. G., 1988. Precisazioni e rettifiche alla descrizione di alcune specie di Tardigradi (Terza nota). **Animalia** 15: 45 - 55
- Pilato, G. and Binda, M. G., 1989. *Richtersius*, nuovo nome generico in sostituzione di *Richtersia* Pilato e Binda 1987 (Eutardigrada). **Animalia**, 16: 147 - 148
- Pilato, G. and Binda, M. G., 1990. Tardigradi dell'Antartide. I. *Ramajendas*, nuovo genere di Eutardigrado. Nuova posizione sistematica di *Hypsibius renaudi* Ramazzotti, 1972 e descrizione di *Ramajendas frigidus* n. sp. **Animalia**, 17: 61 - 71
- Pilato, G. and Binda, M. G. 1990. Notizie sui Tardigradi muscicoli di Bali (Indonesia). **Animalia**, 17: 209 - 218
- Pilato, G. and Binda, M. G., 1991. *Milnesium tetralamellatum*, new species of Milnesiidae from Africa (Eutardigrada). **Tropical Zoology**, 4: 103 - 106
- Pilato, G. and Binda, M. G., 1994. *Dactylobiotus caldarellai*, nuova specie di eutardigrado della terra del Fuoco, **Animalia** 21: 87 - 91
- Pilato, G. and Binda, M. G., 1996. *Mixibius fueginus*, nuova specie di eutardigrado della Terra del Fuoco. **Boll. Accad. Gioenia Sci. Nat.**, 29 (351): 27 - 32
- Pilato, G. and Binda, M. G., 1996. Two new species and new records of *Macrobiotus* (Eutardigrada) from New Zealand. **N. Zeal. J. Zool.**, 23: 375 - 379
- Pilato, G. and Binda, M. G., 1996. Additional remarks to the description of some eutardigrades. **Bollettino dell'Accademia Gioenia di Scienze Naturali, Catania**, 29: 33 - 40
- Pilato, G. and Binda, M. G. 1997. *Acutuncus*, a new genus of Hypsibiidae (Eutardigrada). **Entomol. Mitt. Zool. Mus. Hamburg**, 12: 159 - 162
- Pilato, G. and Binda, M. G. 1997. Remarks on some tardigrades of New Zealand with the description of *Hypsibius novaezeelandiae* n. sp. (Eutardigrada). **N. Zeal. J. Zool.**, 24: 65 - 67
- Pilato, G. and Binda, M. G. 1997/1998. A comparison of *Diphascon* (*D.*) *alpinum* Murray, 1906, *D. (D.) chilense* Plate, 1889 and *D. (D.) pingue* Marcus, 1936 (Tardigrada), and description of a new species. **Zool. Anz.**, 236: 181 - 185
- Pilato, G. and Binda, M. G. 1998. Two new species of *Diphascon* (Eutardigrada) from New South Wales (Australia). **N. Z. J. Zool.**, 25: 171 - 174
- Pilato, G. and Binda, M. G. 1999. Three new species of *Diphascon* of the *pingue* group (Eutardigrada, Hypsibiidae) from Antarctica. **Polar Biol.**, 21: 335 - 342
- Pilato, G. and Binda, M. G., 2001. Biogeography and limno-terrestrial tardigrades: are they truly incompatible binomials? **Zool. Anz.**, 240: 511 - 516
- Pilato, G. and Binda, M. G. 2002. *Isohypsibius barbarae*, a new species of eutardigrado from Vietnam. **Bollettino dell'Accademia Gioenia di Scienze Naturali, Catania** 35, 361: 637 - 642
- Pilato, G. and Binda, M. G. 2003. An opinion on the genus *Fujiscon* Ito, 1991 (Eutardigrada, Hypsibiidae). **Zootaxa**, 306: 1 - 6
- Pilato, G. and Binda, M. G., 2003 *Hexapodibius christenberryae*, a new species of tardigrado from North America (Eutardigrada, Calohypsibiidae). **Zootaxa**, 140: 1 - 6

- Pilato, G., Binda, M. G. and Azzaro, M., 1990. Tardigradi di Terra del Fuoco e Magallanes. III. *Macrobiotus punctillus*, nuova specie di Macrobiotidae del gruppo *hufelandi*. **Animalia**. 17: 123 - 129
- Pilato, G., Binda, M. G., Bertolani, R. and Lisi, O. 2005. Four new species of the *Diphascon nobilei* group (Eutardigrada, Hypsibiidae). **J. Nat. History**, 39: 1029 - 1041
- Pilato, G., Binda, M. G., Biondi, O., D'Urso, V., Lisi, O., Marletta, A., Maugeri, S., Nobile, V., Rappazzo, G., Sabella, G., Sammartano, F., Turrisi, G. and Viglianisi, F., 2005. The clade Ecdysozoa, perplexities and questions. **Zool. Anz.** 244: 43 - 50
- Pilato, G., Binda, M. G. and Catanzaro, R., 1991. Remarks on some tardigrades of the African fauna with the description of three new species of *Macrobiotus* Schultze 1834. **Tropical Zoology** 4: 167 - 178
- Pilato, G., Binda, M. G. and Claxton, S., 2002. *Itaquascon unguiculum* and *Itaquascon cambewarrense*: two new species of eutardigrades from Australia. **New Zealand Journal of Zoology**. 29: 87 - 93
- Pilato, G., Binda, M. G. and Lisi, O. 2002. Notes on tardigrades of the Seychelles with the description of two new species. **Bollettino delle sedute dell'Accademia Gioenia di Scienze Natutrali, Catania**, 35: 503 - 517
- Pilato, G., Binda, M. G. and Lisi, O. 2003. Remarks on some species of tardigrades from South America with description of *Minibiotus sidereus* n. sp. **Zootaxa**, 195: 1 - 8
- Pilato, G., Binda, M. G. and Lisi, O. 2003. Notes on some tardigrades from Central Africa, with the description of a new species of Hypsibiidae. **Zootaxa**, 241: 1 - 7
- Pilato, G., Binda, M. G. and Lisi, O. 2004. *Famelobiotus scalicii*, n gen. n. sp., a new eutardigrade from Borneo. **New Zealand Journal of Zoology** 31: 57 - 60
- Pilato, G., Binda, M. G. and Lisi, O. 2004. Notes on tardigrades of the Seychelles with the description of three new species. **Italian Journal of Zoology** 71: 171 - 178
- Pilato, G., Binda, M. G. and Lisi, O. 2004. Notes on some tardigrades from Thailand, with the description of two new species. **New Zealand Journal of Zoology** 31: 319 - 325
- Pilato, G., Binda, M. G. and Lisi, O. 2005. Remarks on some Echiniscidae (Heterotardigrada) from New Zealand with description of two new species. **Zootaxa**, 1027: 27 - 45
- Pilato, G., Binda, M. G. and Lisi, O. 2006. Three new species of eutardigrades from Seychelles. **New Zealand Journal of Zoology**, 33: 39 - 48
- Pilato, G., Binda, M. G. and Lisi, O. 2006. Eutardigrada from New Zealand, with descriptions of two new species. **New Zealand Journal of Zoology**, 33: 49 - 63
- Pilato, G., Binda, M. G. and Moncada, E., 1999. *Itaquascon biserovi*, new species of eutardigrade from central Africa. **Boll. Acc. Gioenia Sci. Nat.**, 32: 171 - 176
- Pilato, G., Binda, M. G., Napolitano, A. and Moncada, E., 2000. The specific value of *Macrobiotus coronatus* DeBarros 1942, and description of two new species of the *harmsworthi* group (Eutardigrada). **Boll. Acc. Gioenia Sci. Nat.**, 33: 103 - 120
- Pilato, G., Binda, M. G., Napolitano, A. and Moncada, E., 2001. Notes on South American tardigrades with the description of two new species: *Pseudechiniscus spinirectus* and *Macrobiotus danielae*. **Tropical Zoology** 14: 223 - 231
- Pilato, G., Binda, M. G., Napolitano, A. and Moncada, E., 2002. Tardigrades from Ecuador, with the description of two new species: *Mixibius ornatus* n. sp. and *Diphascon (Adropion) onorei* n. sp. (Eutardigrada, Hypsibiidae). **Studies on Neotropical Fauna and Environment** 37: 175 - 179

- Pilato, G., Binda, M. G., Napolitano, A. and Moncada, E., 2004. Remarks on some species of tardigrades from South America with description of two new species. **Journal of Natural History** 38: 1081 - 1086
- Pilato, G., Binda, M. G. and Quattieri, F., 1998. *Diphascon* (*Diphascon*) *mitrense*, new species of eutardigrade from Tierra del Fuego. **Boll. Acc. Gioenia Sci. Nat.**, 31: 101 - 105
- Pilato, G. and Catanzaro R., 1989. *Macroversum mirum* n.gen. n. sp. Nuovo Eutardigrado dei Monti Nebrodi (Sicilia). **Animalia**, 15: 175 - 180
- Pilato, G. and Catanzaro, R., 1989: Tardigradi delle acque dolci Siciliane. IV. *Isohypsibius tuberciculatus* e *Isohypsibius verae*, due nuove specie di Eutardigradi dulcacquicoli di Sicilia. **Animalia**, 16: 81 - 88
- Pilato, G., R. Catanzaro and M. G. Binda, 1989. Tardigradi delle acque dolci Siciliane. V. Nota. **Animalia**, 16: 121 - 130
- Pilato, G. and Claxton, S. K., 1988: Tardigrades from Australia. 1. *Macrobotus hieronimi* and *Minibiotus maculartus*, two new species of eutardigrades. **Animalia, Catania**, 15: 83 - 89
- Pilato, G., Claxton, S. and Binda, M.G., 1989. Tardigrades from Australia. II. The evaluation of *Calohypsibius ornatus* (Richters, 1990) *caelatus* (Marcus, 1928) as a valid species and description of *Minibiotus fallax* n. sp. (Eutardigrada). **Animalia** 16: 21 - 27
- Pilato, G., Claxton, S. and Binda, M.G., 1989. Tardigrades from Australia. III. *Echiniscus marcus* and *Macrobotus peteri*, new species of Tardigrades from New South Wales. **Animalia**, 16: 43 - 48
- Pilato, G., Claxton, S. and Horning, D. S., Jr., 1991. Tardigrades from Australia. IV. *Diphascon* (*Adropion*) *gordonense*, a new species from new South Wales (Tardigrada: Eutardigrada: Hypsibiidae). **Animalia** 18: 157 - 161
- Pilato, G., Costa, G., Conti, E., Binda, M. G. and Lisi, O., 2007. Morphometric analysis of some metric characters of two *Macrobotus* species (Eutardigrada, Macrobiotidae). In G. Pilato and L. Rebecchi (Guest Editors) *Proceedings of the Tenth International Symposium on Tardigrada*. **J. Limnol.**, 66 (Suppl. 1): 26 - 32
- Pilato, G. and Dastych, H., 1974. *Diphascon montigenum* sp. n., a new species of Tardigrada from Poland. **Acad. pol. Sci.**, Cl. II, XXII, 5: 325 - 327
- Pilato, G. and D'Urso, V. 1976. Contributo alla conoscenza dei Tardigradi d'Australia. **Animalia** 3: 135 - 145
- Pilato, G., Fontoura, P. and Lisi, O., 2007. Remarks on the *Echiniscus viridis* group, with the description of a new species (Tardigrada, Echiniscidae). In G. Pilato and L. Rebecchi (Guest Editors) *Proceedings of the Tenth International Symposium on Tardigrada*. **J. Limnol.**, 66 (Suppl. 1): 33 - 39
- Pilato, G., Fontoura, P. and Lisi, O., 2008. New description of *Echiniscus viridis* Murray, 1910 and remarks on the *viridis* group. **New Zealand Journal of Zoology**, 35: 85 - 92
- Pilato, G., Fontoura, P., Lisi, O. and Beasley, C., 2008. New description of *Echiniscus scabrospinosus* Fontoura, 1982, and description of a new species of *Echiniscus* (Heterotardigrada) from China, **Zootaxa**, 1856: 41 - 54 and **Zootaxa**, 1931: 68
- Pilato, G., Guidetti, R., Rebecchi, L., Lisi, O., Hansen, J. G. and Beretolani, R. 2006. Geonemy, ecology, reproductive biology and morphology of the tardigrade *Hypsibius zetlandicus* (Eutardigrada: Hypsibiidae) with erection of *Borealibius* gen. n. **Polar Biol.**, 29: 595 - 603

- Pilato, G. and Kaczmarek, L., 2007. *Macrobotus alvaroi*, a new species of eutardigrade (Tardigrada, Macrobiotidae) of the *polyopus* group from Costa Rica (Central America). **Zootaxa**, 1479: 1 - 7
- Pilato, G., Kaczmarek, L., Michalczyk, L. and Lisi, O., 2003. *Macrobotus polonicus*, a new species of Tardigrada from Polan (Eutardigrada: Macrobiotidae, "hufelandi group"). **Zootaxa**, 258: 1 - 8
- Pilato, G. and Lisi, O. 2003. *Echiniscus walteri*, new species of tardigrade from Madagascar. **Bollettino Museo Civico di Storia Naturale di Verona**, 27: 65 - 70
- Pilato, G. and Lisi, O. 2004. *Doryphoribius neglectus* sp. n. and *Parascon nichollsae* sp. n., a new species of eutardigrades from Australia. **Zootaxa**, 545: 1 - 7
- Pilato, G. and Lisi, O. 2006. *Macrobotus rigidus* sp. nov., new species of eutardigrade from New Zealand. **Zootaxa**, 1109: 49 - 55
- Pilato, G. and Lisi, O. 2006. Notes on some tardigrades from southern Mexico with description of three new species. **Zootaxa**, 1236: 53 - 68
- Pilato, G. and Lisi, O. 2009. Description of three new species of Tardigrada from Seychelles. **Zootaxa**, 2005: 24 - 34
- Pilato, G., Napolitano, A and Manicardi, E., 2000. The specific value of *Macrobotus coronatus* de Barros, 1942, and description of two new species of the *harmsworthi* group (Eutardigrada). **Boll. Acc. Gioenia Sci. Nat., Catania**, 33: 103 - 120
- Pilato, G. and Patanè, M., 1998. *Macrobotus ovostratus*, a new species of eutardigrade from Tierra del Fuego. **Boll. Accad. Gioenia. Sci. Nat.**, 30, 353: 263 - 268
- Pilato, G. and Pennisi, G., 1976. Prime notizie sui Tardigradi della Cirenaica. **Animalia**, 3: 243 - 258
- Pilato, G. and Rebecchi, L., 1992. *Ramazzottius semisculptus*, nuova specie di Hypsibiidae (Eutardigrada). **Animalia** 19: 227 - 234
- Pilato, G. and Sperlinga, G. 1975. Tardigradi muscicoli di Sardegna. **Animalia, Catania**, 3: 243 - 258
- Pirch, J. and Greven, H., 1994. Fine structure of the midgut and hingut in *Echiniscus testudo* Doyere (Heterotardigrada). **Zool. Anz.**, 232: 161 - 175
- Plate, L., 1888. Beiträge zur Naturgeschichte der Tardigraden. **Zool. Jahrb. (Anat.)**, 3: 487 - 550
- Pohlad, B. R. and Bernard, E. C., 1978. A new species of *Entomophthorales* parasiting Tardigrades. **Mycologia** 70: 130 - 139
- Pollock, L. W., 1970. Distribution and dynamics of interstitial Tardigrada at Woods Hole, Massachusetts, U.S.A. **Ophelia**, 7: 145 - 166
- Pollock, L. W., 1970. *Batillipes dicrocercus* n. sp., *Stygarctus granulatus* n. sp. and other Tardigrada from Woods Hole, Massachusetts, USA. **Trans. Amer. Micr. Soc.** 89: 38 - 52
- Pollock, L. W., 1970. Reproductive anatomy of some marine Heterotardigrada. **Trans. Am. Microsc. Soc.**, 89: 308 - 316
- Pollock, L. W., 1971. On some British marine Tardigrada including two new species of *Batillipes*. **J. mar. biol. Ass. U. K.** 51: 93 - 103
- Pollock, L. W., 1975. Tardigrada. In: Reproduction of marine Invertebrates, Vol. 2, (A. C. Giese and J. S. Pearse eds.), **Academic Press, New York**: 43 - 54
- Pollock, L. W., 1975. Observations on marine Heterotardigrada, including a new genus from western Atlantic Ocean. **Cah. Biol. Mar.**, 16: 121 - 132

- Pollock, L. W., 1975. The role of three environmental factors in the distribution of the interstitial Tardigrade *Batillipes mirus* Richters. *International Symposium on Tardigrades Pallanza, Italy, June 17 - 19, 1974. Mem. Ist. Ital. Idrobiol.*, 32 Suppl.: 305 - 324
- Pollock, L. W., 1976. Marine flora and fauna of the northeastern United States. Tardigrada. NOAA Technical report NMFS CIRC-394: 1 - 25
- Pollock, L. W., 1979. *Angursa bicuspis* n. g., n. sp., a new marine Arthrotardigrada from the western North Atlantic. *Trans Amer. Microsc. Soc.*, 98: 558 - 562
- Pollock, L. W., 1979. A tabular key to the species of marine Heterotardigrada. *Zeszyty Naukowe Uniwersytetu Jagiellonskiego*, 79: 143 - 160
- Pollock, L. W., 1982. Closer look at some marine Heterotardigrada. I. The morphology and taxonomy of *Orzeliscus*. *Proc. Third int. Symp. Tardigrada 1980. Tenn. USA, East Tenn. Univ., Press.*: 193 - 202
- Pollock, L. W., 1983. A Closer look at Some marine Heterotardigrada, II: The Morphology and taxonomy of *Bathyechiniscus*, with a description of *B. craticulus* n. sp. from Caribbean. *Bull. Mar. Sc.*, 33: 109 - 117
- Pollock, L. W., 1989. Marine interstitial Heterotardigrada from the Pacific coast of the U.S.A. including a description of *Batillipes tridentatus* n. sp. *Trans. Am. Microsc. Soc.* 108: 169 - 189
- Pollock, L. W., 1995. New marine tardigrades from Hawaiian beach sand and phylogeny of the family Halechiniscidae. *Invertebrate Biology*, 114: 220 - 235
- Poprawa, I., 2005. The structure and the formation of egg shells in the parthenogenetic species *Dactylobiotus dispar* Murray, 1907 (Tardigrada: Eutardigrada). *Folia Biol* 53: 173 - 177
- Poprawa, I., 2005. The ovary structure, previtellogenic and vitellogenic stages in parthenogenetic species *Dactylobiotus dispar* (Murray, 1907) (Tardigrada: Eutardigrada). *Tissue and Cell*, 37: 385 - 392
- Porazinska, D. L., Fountain, A. G., Nylén, T. H., Tranter, M., Virginia, R. A., and Wall, D. H., 2004. The biodiversity and biogeochemistry of cryoconite holes from McMurdo dry valley glaciers, Antarctica. *Arctic, Antarctic and Alpine Research*, 36: 84 - 91
- Pugh, P. J. A. and Convey, P., 2008. Surviving out in the cold: Antarctic endemic invertebrates and their refugia. *Journal of Biogeography* 35: 2176 - 2186
- Pugh, P. J. A. and McInnes, S. J., 1998. The origin of Arctic terrestrial and freshwater tardigrades. *Polar Biology*, 19: 177 - 182
- Puglia, C. R., 1959. Some aspects of the taxonomy, ecology and distribution of the tardigrades, with emphasis on the tardigrades of East Central Colorado. Unpublished Ph. D. Thesis, University of Illinois, Zoology, Urbana: 125 pp
- Puglia, C. R., 1964. Some tardigrades from Illinois. *Trans Amer. Microsc. Soc.*, 83: 300 - 311

Q

R

- Rahm, G., 1921. Biologische und physiologische Beiträge zur Kenntnis der Moosfauna. *Zeitschrift für Allgemeine Physiologie*, 20: 1 - 35

- Rahm, G., 1924. Vorläufige Mitteilungen über die Anabiose der Wasserbewohnender Tardigraden und Rotatorien. **Verh. Intern. Vereinig. Limnologie**, 2: 177 - 178
- Rahm, G., 1925. Beitrag zur Kenntnis der Moostierwelt der preussischen Rheinlande. 2. Tardigrada. **Arch. f. Naturgeschichte**, Jg. 90, Abt. A.: 187 - 193
- Rahm, G., 1925. Tardigrada, Bärtierchen. In: Fauna von Deutschland (P. Brohmer, editor), **Quelle & Meyer, Leipzig**: 431 - 434
- Rahm, G., 1925. Die Cystenbildung bei den wasserbewohnenden Tardigraden. **Verh. int. Verein. theor.-angew. Limnol.**, 3: 364 - 371
- Rahm, G., 1927. Tardigrada. Bärtierchen. In: Schultze, P. (Ed.) **Biologie der Tiere Deutschlands**, 22: 1 - 56
- Rahm, G., 1927. Bärtierchen und Moosschweinchen. **Mikrokosmos**, 20: 77 - 83
- Rahm, G., 1928. Bärtierchen, Tardigrada. **Die Tierwelt Mitteleuropas**, 3: 1 - 21
- Rahm, G., 1928. Wie überwintern die in Moos- und Flechtenrasen der alpinen region eingefrorenen bryophilen Tiere (Tardigraden, Nematoden und Rotatorien). **Rev. Suisse Zool.**, 35: 271 - 275
- Rahm, G., 1928. Tardigrada. In Tierwelt der Nord- und Ostsee. **Grimpe & Wagler**, XI, b1: 1 - 25
- Rahm, G., 1929. Zur geographischen Verbreitung der Bärtierchen (Tardigraden) in der Schweiz (III. Mittlg.). **Bull. Soc. Fribourg Scienc. Natur.**, Séance du 7 mars 1928, 29: 168 - 174
- Rahm, G., 1931. Tardigrada of the South of America. **Revista Chilena de Historia Natural**, 35: 118 - 141
- Rahm, G., 1932. Tardigrada, Bärtierchen. In: Fauna von Deutschland (P. Brohmer, editor), **Quelle & Meyer, Leipzig**: 454 - 459
- Rahm, G., 1932. Freilebende Nematoden, Rotatorien und Tardigraden aus Südamerika (besonders aus Chile). **Zool. Anz.**, 98: 94 - 112 and 113 - 128
- Rahm, G., 1936. Tardigraden aus Palästina. **Zool. Anz.**, 115: 65 - 76
- Rahm, G., 1936. Tardigraden der Osterinsel (Rapa-Nui). ? : 27 - 28
- Rahm, G., 1936 - 1937. Vorläufige erste Mitteilung ueber Tardigraden Chinas. **Pek. Nat. Hist. Bull.** 2: 157 - 160
- Rahm, G., 1936 - 1937. Oekologische und biologische Bemerkungen zur anabiotischen fauna Chinas (Nematoden und Tardigraden). **Pek. Nat. Hist. Bull.** 2: 233 - 248
- Rahm, G., 1937. A new ordo of Tardigrades from the hot springs of Japan (Furu-Yu section, Unzen). **Annotationes Zoologicae Japonenses**, 16: 345 - 352
- Rahm, G., 1937. Eine neue Tardigraden-ordnung aus den heissen Quellen von Unzen, Insel Kyushu, Japan, **Zool. Anz.**, 121: 65 - 71
- Rahm, G., 1937. Tardigraden vom Yan-Chia-Ping-Tal (Nordchina). **Zool. Anz.** 119: 105 - 111
- Rahm, G., 1944. Tardigrada, Bärtierchen. In: Fauna von Deutschland (P. Brohmer, editor), **Quelle & Meyer, Leipzig**: 475 - 479
- Raineri, M., 1982. Histochemical investigations of Tardigrada. I. Localization of cholinesterase activity. **Monitore Zoologico Italiano N. S.** 16: 219 - 230
- Raineri, M., 1983. Variazioni di attività di fosfatasi alcalina (ALP) e di aminopeptidasi (AP) in *Macrobotus* sp. (Eutardigrada). In Atti del XIX Congresso della Società Italiana d'Istochimica, p. 17, c/o Istituto di Patologia Generale, Perugia

- Raineri, M., 1985. Histochemical investigations of Tardigrada. II. Alkaline Phosphatase (ALP), Aminopeptidase (AMP) in the alimentary apparatus of Eutardigrada. **Monitore Zool. Ital.** 19: 47 - 67
- Raineri, M., 1987. Histochemical investigations of Tardigrada. III. First evinence of neurosecretory cells in the cerebral ganglion of eutardigrades. In R. Bertolani (ed.): Biology of Tardigrades. Selected Symposia and Monographs U. Z. I. Modena: Mucchi pp. 57 - 72
- Raineri, M., 1987. Histochemical investigations of Tardigrada. IV. Alkaline Phosphatase (ALP), Aminopeptidase (AMP) and Gonade Development in Eutardigrades. **Acta Zoologica.** 68: 267 - 280
- Ramazzotti, G., 1942. Tardigradi presso le sorgenti termali di Abano (Padova). **Natura**, Milano, 33: 93 - 98
- Ramazzotti, G., 1943. Di alcuni tardigradi italiani con descrizione di una nuova specie. **Atti Soc. ital. Sci. nat. Mus. civ. St. nat.**, Milano, 82: 27 - 35
- Ramazzotti, G., 1943. Nuova varietà del Tardigrado *Pseudechinsicus cornutus*. **Riv. Sci. Nat. "Natura"** 34: 89 - 90
- Ramazzotti, G., 1944. Presenza in Italia del Tardigrado *Echiniscus viridis* John Murray. **Natura**, 35: 32 - 32
- Ramazzotti, G., 1945. I Tardigradi d'Italia. **Mem. Ist. Ital. Idrobiol.**, 2: 29 - 166
- Ramazzotti, G., 1945. Tardigradi di Tovel. Prime osservazioni sui Tardigradi acquatici e descrizione di una nuova specie di *Hypsibius*. **Mem. Ist. Ital. Idrobiol.**, 2: 293 - 297
- Ramazzotti, G., 1945. Nuovi Tardigradi della fauna italiana. **Atti Soc. ital. Sci. nat., ecc.**, 84: 98 - 104
- Ramazzotti, G., 1954. Nuove tabelle di determinazione dei generi *Pseudechiniscus* ed *Echiniscus*. (Tardigrada). **Mem Ist Ital. Idrobiol.**, 8: 177 - 204
- Ramazzotti, G., 1956. Di alcuni Tardigradi nuovi per l'Europa o per l'Italia. **Atti Soc. ital. Sci. nat., ecc.**, 95: 27 - 32
- Ramazzotti, G., 1956. Tre nuove specie di Tardigradi ed altre specie poco comuni. **Atti Soc. nat., Milano**, 95: 284 - 291
- Ramazzotti, G., 1956. I Tardigradi delle Alpi. **Mem. Ist. Ital. Idrobiol.**, 9: 273 - 290
- Ramazzotti, G., 1957. Due Nuove specie di Tardigradi extra-europei. **Atti Soc. Ital. Sci. Nat.** 96: 188 - 191
- Ramazzotti, G., 1958. Nuove Tabelle di Determinazione dei generi *Macrobotus* e *Hypsibius* (Tardigradi). **Mem. Ist. Ital. Idrobiol.**, 10: 69 - 120
- Ramazzotti, G., 1958. *Echiniscus merokensis* con spine piastra scapolare e variabilità di questa specie, anche nei confronti di *E. quadrispinosus* f. *cribrosa* (Tardigrada). **Atti Soc. ital. Sci. nat., ecc.**, 97: 58 - 64
- Ramazzotti, G., 1959. Tardigradi in terreni prativi. **Atti Soc. Ital. Sci. Nat. Milano** 98: 199 - 210
- Ramazzotti, G., 1959. Il gruppo dell' *Echiniscus viridis* con la nuova species *E. pervoidis* e *Macrobotus pustulatus* altra nuova specie (Tardigrada). **Atti. Soc. Ital. Sci. Nat. Mus. Civ. Storia Nat. Milano**, 98: 303 - 309
- Ramazzotti, G., 1960. I Tardigradi. **Natura**, 51: 33 - 64
- Ramazzotti, G., 1961. Tardigradi del Lago di Mergozzo e descrizione della nuova specie *Macrobotus nocentini*. **Mem. Ist ital. Idrobiol.**, 13: 45 - 49
- Ramazzotti, G., 1962. Tardigradi del Cile, con descrizione di quattro nuove specie e di una varietà. **Atti Soc. Ital. Sc. Nat.**, 101: 275 - 287

- Ramazzotti, G., 1962. Il Phylum Tardigrada. **Mem. Ist. Ital. Idrobiol.** 14: 1 - 395
- Ramazzotti, G., 1964. Tardigradi del Cile II, con descrizione di due nuove specie e note sulla scultura degli Echiniscidae. **Atti Soc. ital. Sci. nat., ecc.**, 103: 89 - 100
- Ramazzotti, G., 1964. Tardigradi del Chile, III, con descrizione delle nuove specie *Orella minor* e *Pseudechiniscus lateromamillatus*, **Atti della Società Italiana di Scienze Naturale**, 103: 347 - 355
- Ramazzotti, G., 1965. Il phylum Tardigrada (1° supplemento). **Mem Ist. Ital. Idrobiol.**, 19: 101 - 212
- Ramazzotti, G., 1966. Tardigradi del Lago Baikal e descrizione di *Hypsibius (I.) granulifer baikalensis* var. nov. **Memorie dell'Istituto Italiano di Idrobiologia Marco De Marchi** 20: 201 - 207
- Ramazzotti, G., 1967. Tardigrada. In: J. Illies (ed.), *Limnofauna Europaea*, Gustav Fischer Verlag, Stuttgart, pp 121 - 123
- Ramazzotti, G., 1967. Note per una revisione della sistematica dei Tardigradi. **Mem. Ist. ital. Idrobiol.**, 21: 117 - 128
- Ramazzotti, G., 1968. Tardigradi dei pozzetti glaciali di fusione (Kryokonitlöcher) dell'Himalaya. **Khumbu Himal** (Universitätsverlag, Wagner, Innsbrück, München), 3: 1 - 3
- Ramazzotti, G., 1969. Il Phylum tardigrada (2° supplemento) con la nuova tabella per la determinazione dei generi. **Mem. Ist. ital. Idrobiol.**, 25: 65 - 80
- Ramazzotti, G., 1972. Il phylum Tardigrada. **Mem. Ist. Ital. Idrobiol. Pallanza**, 28: 1 - 732
- Ramazzotti, G., 1972. Tardigrada delle isole Kerguelen e descrizione della nuova species *Hypsibius (I.) renaudi*. **Memorie Ist. ital. Idrobiol.**, 29: 141 - 144
- Ramazzotti, G., 1974. Il phylum Tardigrada, Supplemento A. **Mem. Ist. Ital. Idrobiol., Pallanza**, 31: 69 - 179
- Ramazzotti, G., 1975. Epilogue: notes on speciation of Tardigrades. In: *Int. Symp. Tardigrades*. **Mem. Ist. ital. Idrobiol.**, 32 suppl.: 465 - 469
- Ramazzotti, G., 1977. Note statistiche su una popolazione du *Macrobotus areolatus* (Tardigrada). **Memorie dell'Istituto Italiano di Idrobiologia**, 34: 239 - 245
- Ramazzotti, G., 1978. Tardigrada. In: J. Illies (ed.), *Limnofauna Europaea*, Gustav Fischer Verlag, Stuttgart: 151 - 153
- Ramazzotti, G. and Maucci, W. 1982. A history of tardigrade taxonomy., **East Tennessee State University Press**, 11 - 30 In: Nelson, D. R., ed. **Proceedings of the third international symposium on the Tardigrada, August 3 - 6, 1980, Johnson City, Tennessee, USA**
- Ramazzotti, G. and Maucci, W. 1983. Il Phylum Tardigrada. **Mem. Ist. Ital. Idrobiol.**, 41: 1-1012
- Ramløv, H., 1989. Fænomenet cryptobiose specielt med henblik på tardigraden *Adorybiotus coronifer*. (The Phenomenon of Cryptobiosis, Especially with regard to the Tardigrade *Adorybiotus coronifer*). **MSc Thesis, University of Copenhagen**, 160 pp.
- Ramløv, H. and Westh, P. 1992. Survival of the cryptobiotic eutardigrade *Adorybiotus coronifer* during cooling to - 196 °C: Effect of cooling rate, trehalose level, and short-term acclimation. **Cryobiology** 29: 125 - 130
- Ramløv, H. and Westh, P., 2001. Cryptobiosis in the eutardigrade *Adorybiotus (Richtersius) coronifer*: tolerance to alcohols, temperature and *de novo* protein synthesis. **Zool. Anz.** 240: 517 - 523

- Rao, G. C., 1971. On two species of marine interstitial Tardigrada from the east coast of India. **Proceedings of the Indian Academy of Science**, 73: 53 - 57
- Rao, G. C., 1972. Occurrence of the interstitial tardigrade *Parastygarcus higginsi* Renaud-Debyser, in the intertidal sands on Andaman Islands. **Curr. Sci.**, 41: 845 - 846
- Rebecchi, L., 1991. Karyological analysis on *Macrobotus pseudohufelandi* (Tardigrada, Macrobiotidae) and a new finding of a tetraploid population. **Caryologia**, 44: 301 - 307
- Rebecchi, L., 1997. Ultrastructural Study of Spermiogenesis and testicular and Spermathecal Spermatozoon on the Gonochoristic Tardigrade *Xerobiotus pseudohufelandi* (Eutardigrada, Macrobiotidae). **Journal of Morphology**, 234: 11 - 24
- Rebecchi, L., 2001. The spermatozoon in tardigrades: evolution and relationships with the environment. **Zool. Anz.**, 240: 525 - 533
- Rebecchi, L., Altiero, T. and Bertolani, R. 2002. Banding techniques on tardigrade chromosomes: the karyotype of *Macrobotus richtersi* (Eutardigrada, Macrobiotidae). **Chromosome Res.** 10: 437 - 443
- Rebecchi, L., Altiero, T. Eiby-Jacobsen, J., Bertolani, R. and Kristensen, R. M., 2008. A new discovery of *Novechiniscus armadilloides* (Schuster, 1975) (Tardigrada, Echiniscidae) from Utah, USA with considerations on non-marine Heterotardigrada phylogeny and biogeography. **Organisms, Diversity & Evolution**, 8: 58 - 65
- Rebecchi, L., Altiero, T. and Guidetti, R. 2007. Anhydrobiosis: the extreme limit of desiccation tolerance. **Invertebr. Surv. J.**, 4: 65 - 81
- Rebecchi, L. and Bertolani, R., 1988. New cases of parthenogenesis and polyploidy in the genus *Ramazzottius* (Tardigrada, Hypsibiidae) and a hypothesis concerning their origin. **Invertebr. Reprod. Dev.** 14: 187 - 196
- Rebecchi, L. and Bertolani, R., 1994. Maturative pattern of ovary and testis in eutardigrades of freshwater and terrestrial habitats. **Invertebrate reproduction and Develoepment** 26: 107 - 117
- Rebecchi, L. and Bertolani, R., 1999. Spermatozoon Morphology of Three Species of Hypsibiidae (Tardigrada, Eutardigrada), and Phylogenetic Evaluation. In H. Greven (ed.) *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany.* **Zool. Anz.**, 238: 319 - 328
- Rebecchi, L., Boschini, D., Cesari, M., Lencioni, V. Bertolani, R. and Guidetti, R., 2009. Stress response of a boreo-alpine species of tardigrade, *Borealibilis zetlandicus* (Eutardigrada, Hypsibiidae). **J. Limnol.**, 81: 64 - 70
- Rebecchi, L., Guidetti, R., Borsari, S., Altiero, T. and Bertolani, R. 2006. Dynamics of long-term anhydrobiotic survival of lichen-dwelling tardigrades. **Hydrobiologia**, 558: 23 - 30
- Rebecchi, L. and Guidi, A., 1991. First SEM studies on tardigrade spermatozoa. **Invertebrate reproduction and Development**, 19: 151 - 156
- Rebecchi, L. and Guidi, A., 1995. Spermatozoon Ultrastructure in Two Species of *Amphibolus* (Eutardigrada, Eohypsibiidae). **Acta Zoologica**, 76: 171 - 176
- Rebecchi, L., Guidi, A. And Bertolani R., 2000. Maturative pattern of ovotestis in two hermaphroditic species of tardigrades. **Invertebrate Reproduction and Develoepment.**, 37: 25 - 34
- Rebecchi, L. Guidi, A. and Bertolani, R. 2000. Tardigrada. In: Reproductive Biology of Invertebrates. Progress in Male Gamete Ultrastructure and Phylogeny. Series Edited by K. G. and R. G. Adiyodi. B. G. M. Jamieson (Ed.), J. Wiley & Sons, Chichester, New York, vol. IX, Part B: 267 - 291

- Rebecchi, L., Guidi, A. and Bertolani, R. 2003. The spermatozoon of the Echiniscidae (Tardigrada, Heterotardigrada) and its phylogenetic significance. **Zoomorphology**, 122: 3 - 9
- Rebecchi, L., Guidetti, R., Borsari, S., Altiero, T. and Bertolani, R., 2006. Dynamics of long-term anhydrobiotic survival of lichen-dwelling tardigrades. **Hydrobiologica**. 558: 23 - 30
- Rebecchi, L. and Nelson, D. R., 1998. Evaluation of a secondary sex character in eutardigrades. **Invert. Biol.**, 117: 194 - 198
- Rebecchi, L., Rossi, V., Altiero, T., Bertolani, R. and Menozzi, P., 2003. Reproductive modes and genetic polymorphism in the tardigrade *Richtersius coronifer* (Eutardigrada, Macrobiotidae). **Invertebr. Biol.**, 122: 19 - 27
- Redi, C. A. and Garagna, S., 1987. Cytochemical evaluation of the nuclear DNA content as a tool for taxonomical studies in eutardigrades. In: R. Bertolani (ed.) **Biology of Tardigrades, Sel. Symp. Monogr. U.Z.I. 1, Mucchi, Modena:** 73 - 80
- Regier, J. C. and Shultz, J. W., 2001. Elongation factor-2: A Useful gene for Arthropod Phylogenetics. **Molecular Phylogenetics and Evolution**, 20: 136 - 148
- Regier, J. C., Shultz, J. W., Kambic, R. E. and Nelson, D. R., 2004. Robust support for tardigrade clades and their ages from three protein-coding nuclear genes. **Invertebr. Biol.**, 123: 93 - 100
- Renaud-Debyser, J., 1956. Repartition de deux Tardigrades *Batillipes mirus* Richters et *Stygarctus bradypus* Schultz dans un segment de plage du Bassin d'Archachon. **C. R. Acad. Sci. Paris** 243: 1365 - 1369
- Renaud-Debyser, J., 1959. Sur quelques Tardigrades du Bassin d'Arcachon. **Vie et Milieu**, 10: 135 - 146
- Renaud-Debyser, J., 1959. Etudes sur la faune interstitielle des Iles Bahamas. III. Tardigrades. **Vie et Milieu**, 10: 297 - 302
- Renaud-Debyser, J., 1965. Étude sur un Stygarctidé (Tardigrada) nouveau de Madagascar. **Bull. Soc. Zool. Fr.** 90: 31 - 38
- Renaud-Debyser, J., 1965. *Parastygarctus higginsi* n. g., n. sp., Tardigrade marin Interstitiel de Madagascar. **C. R. Acad. Sci., Paris**, 260: 955 - 957
- Renaud-Mornant, J., 1967. *Parastygarctus higginsi* Renaud-Debyser, 1965, sur la côte orientale de Malaisie. Description de la femelle. **Bull. Mus. nat. Hist. natur. Paris 2nd Ser.**, 39: 205 - 208
- Renaud-Mornant, J., 1967. Tardigrades de la Baie Saint-Vincent, Nouvelle-Calédonie. **Exp. Fr. Récifs Coral. Nouvelle Calédonie**, 2: 103 - 118
- Renaud-Mornant, J., 1970. *Parastygarctus sterreri* n. sp., Tardigrade marine nouveau de l'Adriatique. **Cah. Biol. Mar.** 11: 355 - 360
- Renaud-Mornant, J., 1970. Tardigrades marins des Bermudes. **Bull. Mus. Nat. Hist. Natur.**, 2^e Série, Tome 42, No. 6: 1268 - 1276
- Renaud-Mornant, J., 1971. Campagne d'essais du "Jean Charcot" (3 - 8 Décembre 1968) 8. Méiobenthos. II. Tardigrades. **Bull. Mus. Nat. Hist. Nat., Paris 2nd series**, 42: 957 - 969
- Renaud-Mornant, J. 1974. Occurrence of the genus *Tanarctus* Renaud-Debyser 1959 in north eastern Atlantic waters with a description of *T. ramazzotti* n. sp. (Arthrotardigrada). *International Symposium on Tardigrades Pallanza, Italy, June 17 - 19, 1974.* **Mem. Ist. Ital Idrobiol.** 32 Suppl.: 325 - 332

- Renaud-Mornant, J., 1974. Une nouvelle famille de Tardigrades marins abyssaux: les Coronarctidae fam. nov. (Heterotardigrada). **C. R. Acad. Sc. Paris, D.**, 278: 3087 - 3090
- Renaud-Mornant, J., 1975. Deep-sea Tardigrada from the "Meteor" Indian Ocean Expedition. **"Meteor" Foesch.-Ergebnisse, D. Nc.** 21: 54 - 61
- Renaud-Mornant, J., 1975. Occurrence of the genus *Tanarctus* Renaud-Debyser, 1959 in north eastern Atlantic waters with a description of *T. ramazzotti* n. sp. (Arthrotardigrada). **Mem. Ist. Ital. Idrobiol.**, 32 Suppl.: 325 - 332
- Renaud-Mornant, J., 1976. Tardigrades marins de Polynésie. **Cah. Pacifique** 19: 289 - 297
- Renaud-Mornant, J., 1976. Le genre *Florarctus* Delamare Debutteville et Renaud-Mornant, 1965 en Méditerranée; description de deux espèces nouvelles (Arthrotardigrada). **Bull. Mus. nat. Hist. natur. Paris, 3rd Ser., Zool.**, 257: 325 - 333
- Renaud-Mornant, J., 1979. Tardigrades marins de Madagascar. I. Halechiniscidae et Batillipedidae. **Bull. Mus. Natl. Hist. Nat., Paris**, ser 4, 1: 257 - 277
- Renaud-Mornant, J., 1979. Tardigrades marins de Madagascar. II. *Stygarctidae* et *Orellidae*, III. Considérations écologiques générales. **Bull. Mus. natn. Hist. Nat.**, Paris ser 4^e 1A (2): 339 - 351
- Renaud-Mornant, J., 1980. Description de trois espèces nouvelles du genre *Tanarctus* Renaud-Debyser, 1959 et création de la sous-famille des Tanarctinae, subfam. nov. (Tardigrada, Heterotardigrada). **Bull. Mus. natn. Hist. nat., Paris** 4^e Sér 2. Sect. A 1: 129 - 141
- Renaud-Mornant, J. 1981. Deux nouveaux *Angursa* Pollock, 1979, du domaine abyssal (Tardigrada, Arthrotardigrada). **Tethys** 10: 161 - 164
- Renaud-Mornant, J. 1981. Tardigrades marins (Arthrotardigrada) du Pacifique Sud. **Bull. Mus. Nat. Hist. Nat.**, Paris 4th séries, 3 (section A, no. 3): 799 - 813
- Renaud-Mornant, J. 1981. *Raiarctus colurus* n. g., n. sp., et *R. aureolatus* n. sp., Tardigrades (Arthrotardigrada) marins nouveaux de sédiments calcaires. **Bull. Mus. natn. Hist. nat. Paris**, 3: 512 - 522
- Renaud-Mornant, J. 1981. *Stygarctus goubaltae* n. sp. un nouveau Tardigrade marin (Arthrotardigrada) del la Guadeloupe. **Bull. Nus. natn. Hist. nat.** Paris 4^e ser., 3 A (1): 175 - 180
- Renaud-Mornant, J. 1982. Sous-famille et genre nouveaux de Tardigrades marins (Arthrotardigrada) **Bull. Mus. Nat. Hist. Nat.**, Paris 4th séries, 4 (section A, no. 1 - 2): 89 - 94
- Renaud-Mornant, J. 1982. Species diversity in marine Tardigrada. In. Proc. Third Int. Symp. Tardigrada. Nelson DR, ed., pp 149 - 178. East Tennessee State Univ. Press, Johnson City, Tennessee.
- Renaud-Mornant, J. 1983. Tardigrades abyssaux nouveaux de la sous-famille des Euclavarctinae n. subfam. (Arthrotardigrada, Halechiniscidae) **Bull. Mus. Nat. Hist. Nat.**, Paris 4th séries, 5 (section A, no. 1): 201 - 219
- Renaud-Mornant, J. 1984. Halechiniscidae (Heterotardigrada) de la campagne Benthedi, canal du Mozambique. **Bull. Mus. Nat. Hist. Nat.**, Paris 4th séries, 6 (section A, no. 1): 67 - 88
- Renaud-Mornant, J. 1984. Nouveaux Arthrotardigrades des Antilles. **Bull. Mus. Nat. Hist. Nat.**, Paris 4th séries, 6 (section A, no. 4): 975 - 988
- Renaud-Mornant, J. 1986. Tardigrada. In Botosaneanu, L. ed., *Stygofauna mundi*, Brill, Leiden, The Netherlands, pp. 254 - 262

- Renaud-Mornant, J. 1987. Bathyal and abyssal Coronarctidae (Tardigrada), descriptions of new species and phylogenetical significance. In: **Biology of Tardigrades, Vol. 1**, R. Bertolani ed., Sel Symp. Monogr. U.Z.I., Mucchi, Modena: 229 - 252
- Renaud-Mornant, J. 1987. Halechiniscidae nouveaux de sables coralliens tropicaux (Tardigrada, Arthrotardigrada). **Bull. Mus. Nat. Hist. Nat.**, Paris 4th séries, 9 (section A, no. 2): 353 - 373
- Renaud-Mornant, J. 1988. Development postembryonnaire du Tardigrade abyssal *Coronarctus laubieri* Renaud-Mornant, 1987 (Tardigrada, Heterotardigrada). **Bull. Mus. Natl. Hist. Nat.**, Paris, ser 4, 10: 327 - 345
- Renaud-Mornant, J., 1988. Tardigrada. In R. Higgins and J. Thiel (eds.), Introduction to the study of meiofauna, pp. 357 - 364. Smithsonian Institution Press, Washington, D. C.
- Renaud-Mornant, J., 1989. Espèces nouvelles de Florarctinae de l'Atlantique Nord-Est et du Pacifique Sud (Tardigrada, Arthrotardigrada). **Bull. Mus. Nat. Hist. Nat.**, Paris 4th séries, 11 (section A, no. 3): 571 - 592
- Renaud-Mornant, J. 1989. *Opydorscus*, un nouveau genre d'Orzeliscinae et sa signification phylogénique (Tardigrada, Arthrotardigrada) **Bull. Mus. Nat. Hist. Nat.**, Paris 4th séries, 11 (section A, no. 4): 763 - 771
- Renaud-Mornant, J., and Anselme-Moizan, M. N., 1969. Stadies larvaires du Tardigrade marin *Stygarctus bradypus* Schulz et position systématique des Stygarctidae. **Bull. Mus. natn. Hist. nat.**, Paris 2^o ser., 41: 883 - 892
- Renaud-Mornant, J. and Deroux, G., 1976. *Halechiniscus greveni* n. sp. Tardigrade marin nouveau de Roscoff (Arthrotardigrada): **Cahiers Biol. Mar.**, 17: 131 - 137
- Renaud-Mornant, J. and Goubalt, N., 1984. Premières prospections meiofaunistiques en Guadeloupe. **Hydrobiologia**, 18: 113 - 118
- Renaud-Mornant, J. and Pollock, L. W., 1971. A review of the Systematics and Ecology of Marine Tardigrada. **Smithsonian Contr. Zool.**, 76: 109 - 117
- Reukauf, E. W., von, 1912. Zur Entwicklung des kleinen Wasserbären. **Prometheus**, 16: ?
- Reukauf, E. W. von, 1912. Ein neuer Wasserbär *Macrobotus fernandi* Reukauf. **Zool. Anz., Leipzig**, 39: 352 - 353
- Reukauf, E. W. von, 1912. Über das Simplexstadium und die Mundwerkzeuge der Macroboten. **Zool. Anz.**, 39: 369 - 372
- Reukauf, E. W. von, 1912. Ein Verderber des Wasserbaren *Macrobotus lacustris* Doy., *Macrobotophthora vimariensis* (Reukauf). **Centralbl. Bakt. Parasit. Infekt.** 63: 390 - 393
- Reukauf, E. W. von, 1924. Bilder zur Lebensgeschichte des Wasserbären *Macrobotus dispar* Murray. **Mikrosk. f. Naturfr.**, 2: 11
- Rho, H. S., Moon, S. Y. Chang, C. Y. and Kim, W., 1997. Four freshwater Eutardigrades from Korea with description of *Isohypsibius brevitubulatus* n. sp. **Korean J. Biol. Sci.** 1: 271 - 279
- Richardson, M., 1970. *Ballocephala verrucospora* sp. nov., parasitizing tardigrades. **Trans. Brit. Mycol. Soc.** 55: 307 - 309
- Richters, F., 1900. Beiträge zur Kenntnis der fauna der Umgebung von Frankfurt a. M. **Ber. Senckenberg. Naturf. Ges. Frankfurt a. M.** pp. 21 - 44
- Richters, F., 1902. Beiträge zur Kenntnis der fauna der Umgebung von Frankfurt a. M. **Ber. Senckenberg. Naturf. Ges. Frankfurt a. M.** p. 8
- Richters, F., 1902. Neue Moosbewohner. **Bericht der Senckenbergischen Naturforschenden gesellschaft in Frankfurt am Main**: 3 - 21
- Richters, F., 1903. Arktische Tardigraden. **Fauna Arct.**, 3: 494 - 508

- Richters, F., 1903. Die Eier und Eiablage der tardigraden. **Verhandl. deutsch. Zool. Ges. Jahrsam.**, 13
- Richters, F., 1903. Nordische Tardigraden. **Zool. Anz.** 27: 168 - 172
- Richters, F., 1904. Isländische Tardigraden. **Zoologischer Anzeiger** 28: 373 - 377
- Richters, F., 1904. Arktische Tardigraden. **Fauna Arctica** 3: 495 - 508
- Richters, F., 1904. Beitrag zur Verbreitungen der Tardigraden im südlichen Scandinavien und an der mecklenburgischen Küste. **Zool. Anz.**, 28: 347 - 352
- Richters, F., 1904. Vorläufiger Bericht über die antarktische Moosfauna. **Verhandl. Deutsch. zool. Ges.**; 236 - 239
- Richters, F., 1904. Die Eier der Tardigraden. **Ber. Senckenbeg. Naturf. Ges. Frankfurt**, 59 - 72
- Richters, F., 1904. *Echiniscus conifer*. **Ber. Senckenbeg. Naturf. Ges. Frankfurt**, p. 73
- Richters, F., 1904. Verbreitung der Tardigraden. **Zool. Anz.**, 28: p. 347
- Richters, F., 1906. Wiederbelebungsversuche mit Tardigraden. **Zool. Anz.**, 30: 125 - 127
- Richters, F., 1906. Demonstration einiger Tardigraden und Copepoden, *In: Verh. Deutsch. Zool. Ges.*, Leipzig
- Richters, F., 1906. Zwei neue *Echiniscus*-Arten. **Zool. Anz.**, 31: 197 - 202
- Richters, F., 1907. Antarktische Tardigraden. **Zool. Anz.**, 31: 915 - 916
- Richters, F., 1908. Beitrag zur Kenntnis der Moosfauna Australiens und der Inseln des Pazifischen Ozeans. **Zool. Jahrb. Abt. Syst. Oekol. Geogr. Tiere**, 26: 196 - 213
- Richters, F., 1908. Die Fauna der Moosrasen des Gaussbergs und einiger südlicher Inseln. **Deut. Südp. Exped.** 1901 - 1903, 9: 259 - 302. Berlin
- Richters, F., 1908. Moosbewohner. **Wiss. Ergebn. Schwed. Südp.-Exped.**, 6: 1 - 16. Stockholm
- Richters, F., 1908. Die Bärtierchen (Tardigraden). **Mikrokosmos**, 1: 53 - 57
- Richters, F., 1908. Marine Tardigraden. **Zool. Anz.**, 33: 77 - 85
- Richters, F., 1908. Moosfauna-Studien. **Ber. Senckenbergischen Naturforsch. Gesellschaft Frankfurt** p. 14
- Richters, F., 1908. Rotatoria, Tardigrada und andere Moosbewohner. **Fauna Südwest Australiens**. Bd. 2
- Richters, F., 1909. Tardigraden-Studien. **Ber. Senckenbergischen Naturforsch. Gesellschaft Frankfurt** 40: 28 - 45
- Richters, F., 1909. Marine Tardigraden. **Verh. dtsch. zool. Ges.**, 19: 84 - 95
- Richters, F., 1909. Tardigraden unter 77°S Br. **Zool. Anz.**, 34: 604 - 606
- Richters, F., 1910. Tardigraden aus den Karpathen. **Zool. Anz.**, 36: 7 - 10
- Richters, F., 1911. Faune des mousses. Tardigrades. **Duc d'Orleans. Campagne arctique de 1907. Impr. Sci. C. Buelens**, Bruxelles: 1 - 20, pl. I - III
- Richters, F., 1911. Moosfauna, Tardigrada. *In* **A. Koenig. Avifauna Spitzbergensis**, 283 - 286
- Richters, F., 1911. Fauna der Moosrasen der Aru- und Kei-Inseln. **Abh. Senckenb. Naturf. Ges.** Bd. 33
- Richters, F., 1911. Südamerikanische Tardigraden. **Zool. Anz.** 38: 273 - 277
- Richters, F., 1913. Tardigrada, *in Handwörterbuch der Naturwissenschaften* (Eds. E. Horshelt et al.). Gustav Fischer, Jena: 1015 - 1020
- Richters, F. and Krumbach, T. H., 1926. Tardigrada *in* W. Kükenthal und T. Krumbach. **Hdb. Zool.** 3: 1 - 68

- Riggin, G. T., 1962. Tardigrada of Southwest Virginia: with the addition of a new marine tardigrade species from Florida. **Virginia Agricultural Experiment Station Technical Bulletin** 152: 1 - 145
- Riggin, G. T., 1963. Tardigrada from Costa Rica. **Proc. Louisiana Acad. Sci.**, 26: 15 - 17
- Riggin, G. T., 1964. Tardigrades from the Southern Appalachian Mountains. **Transactions of the American Microscopical Society** 83: 277 - 282
- Robotti, C., 1970. *Hypsibius (D.) ramazzotti* sp. nov. e *Macrobotus aviglianae* sp. nov. Primo contributo alla conoscenza dei Tardigradi del Piemonte. **Atti Soc. It. Sc Nat. e Museo Civ. St. Nat. Milano** 110: 251 - 255
- Robotti, C., 1971. Nuova specie di tardigrado marino: *Styraconyx paulae* (Heterotardigrada). **Annali Mus. civ. Stor. nat. Giacomo Doria** 4: 1 - 3
- Robotti, C., 1972. Secondo contributo alla conoscenza dei Tardigradi del Piemonte, con la descrizione di *Echiniscus (Hyp.) papillifer* sp. nov. e di *Hexapodibius psedomiconyx* sp. nov. **Atti Soc. It. Nat. e Museo Civ. St. Nat. Milano**, 113: 153 - 162
- Rocha, A. M., Izaguirre, M. F., Moly de Peluffo, M. C., Peluffo, J. R. and Casco, V. H., 2002. Ultraestructura de la cuticula de *Echiniscus rufoviridis* du Bois-Raymond Marcus, 1944 (Tardigrada). In: **VIII Jornadas Pameanas de Ciencias Naturales**: 195 - 197. Consejo Profesional de Ciencias naturales de la Pampa (Argentina).
- Rocha, A. M., Izaguirre, M. F., Moly de Peluffo, M. C., Peluffo, J. R. and Casco, V. H., 2007. Ultrastructure of the cuticule of *Echiniscus rufoviridis* (Du Bois Raymond Marcus, (1944) Heterotardigrada). **Acta Microscopica**, 16: 16 - 21
- Rodewald, K., 1936. Beitrag zur Kenntnis der Systematic und Ökologie der Tardigraden Rumäniens, mit besonder Berücksichtigung der Buvovina. **Bulet. Facult. de Stiinte din Cernauti**, 10: 362 - 382
- Rodewald, K., 1939. Systematische und Ökologische Beiträge zur Tardigradenfauna Rumäniens, nebst Betrachtungen über die Glazialreliktnatur einiger Tardigraden in allgemeinen und über den Ausdruck Glazialrelikt im besonderen. **Zool. Jahrb., Syst.** 72: 225 - 254
- Rodriguez-Roda, J. 1946. Contribución al estudio de los Tardigrados de Espana. Nota previa sobre los de Aralar. In: R. Margalef (ed.). Aportacion al estudio de la fauna y flora vasco-navarra, Sierra de Aralar. CSIC. Estación de Estudios Pirenaicos. Zaragoza: 67 - 82
- Rodriguez-Roda, J. 1947. Contribución al estudio de los Tardigrados de Espana (II). **Inst. biol. Aplic.**, 2: 111 - 115
- Rodriguez-Roda, J., 1947. Contribución al estudio de los Tardigrados de Espana (III). **Inst. Biol. Aplicada**, 4: 101 - 106, 1 pl
- Rodriguez-Roda, J., 1947. Algunos Tardigrados de Fernando Poo. **Inst. Biol. Aplicada**, 4: 149 - 159
- Rodriguez-Roda, J. 1949. Tardigrados del centro de Espana. **Inst. biol. Aplic.**, 6: 27 - 40
- Rodriguez-Roda, J. 1951. Algunos datos sobre la distribución de los tardigrados espanoles. **Boletin de la Real Sociedad Espanola de Historia Natural**, 49: 75 - 83
- Rodriguez-Roda, J. 1952. Tardigrados de la Fauna Espanola. **Trab. Mus. Science Nat., Barcelona**, 1: 1 - 87, pl. 1 - 24
- Romano, F. A. III, 2003. On water bears. **Florida Entomologist**, 86: 134 - 137

- Romano, F. A. III, Barreras-Borrero, B. and Nelson, D. R., 2001. Ecological distribution and community analysis of Tardigrada from Choccolocco Creek, Alabama. **Zool. Anz.** 240: 535 - 541
- Rosati, F., 1968. Ricerche di microscopia elettronica sui Tardigradi, 2. I globuli cavitari. **Atti dell'Accademie dei Fisiocritici, Sienna (Serie 13)** 17: 1439 - 1452
- Rossi, G. C. and Claps, M. C., 1980. Contribucion al conocimiento de los tardigrados de Argentina. I. **Rev. Soc. Ent. Argentina**, 39: 243 - 250
- Rossi, G. C. and Claps, M. C., 1989. Contribucion al conocimiento de los Tardigrados de la Argentina V. **Rev. Soc. ent. argent.**, 47: 133 - 142
- Rossi, G. C. and Claps, M. C., 1989. Tardigrados dulceacuicolas de la Argentina. **Fauna de aqua dulce de la Republica Argentina**, 19: 1 - 70
- Rossi, G., Claps, M. and Ardohain, D., 2009. Tardigrades from northwestern Patagonia (Neuquén Province, Argentina) with the description of three new species. **Zootaxa**, 2095: 21 - 36
- Rudescu, L. 1964. Tardigrada. **Fauna Rep. Pop. Romine, Bucuresti**, 4: 1 - 398
- Rudescu, L. 1969. Die Tardigraden des Schwartzen Meeres. **Hydrobiologia**, 10: 3 - 12
- Russell, D. J., Dastych, H., Zeller, U., Kratzmann, M. and Alberti, G., 1994. Zur Mesofauna des Bodens der Sandhausener Dünen. **Beih. veröff. naturschutz Landschaftsplege Bad.-Württ.**, 80: 325 - 348
- Russell, P. M., Marley, N. J. and Hockings, M. E., 2001. Do confocal microscopy and tardigrades have a future together? **Zool. Anz.**, 240: 543 - 548
- Ryan, P. G., Watkins, B. P., Lewis Smith, R. I., Dastych, H., Eicker, A., Foissner, W., Heatwole, H., Miller, W. R. and Thompson, G., 1989. Biological survey of Robertskollen, western Dronning Maud Land: area description and preliminary species list. **S. Afr. J. Antarct. Res.** 19: 10 - 20
- Ryu, S. H., Lee, L. M., Jang, K. H., Choi, E. H., Park, S. J., Chang, C. Y., Kim, W. and Hwang, U. W., 2007. Partial mitochondrial gene arrangements support a close relationship between Tardigrada and Arthropoda. **Mol. Cells.**, 24: 351 - 357
- Rywosch, D., 1896. Zur Biologie der Tardigraden. **Biol. Ctrbl.**, Bd. 16
- Rywosch, D., 1897. Ueber das Pigment und die Entstehung desselben bei einigen Tardigraden, **Biol. Ctrbl.**, Bd. 17

S

- Saikawa, M., 1989. Ultrastructure of the septum in *Ballocephala verrucospora* (Entomophthorales, Zygomycetes). **Canadian Journal of Botany.** 67: 2484 - 2488
- Saikawa, M. and Oyama, M., 1992. Electron microscopy on infection of tardigrades by *Ballocephala sphaerospora* and *B. verrucospora* conidia. **Trans. Mycol. Soc. Japan.** 33: 305 - 311
- Saikawa, M., Oyama, M. and Yamaguchi, K., 1991. *Harposporium anguillulae* and *Haptoglossa intermedia* parasitizing tardigrades. **Trans. Mycol. Soc. Japan.** 32: 501 - 508
- Sands, C. J., Convey, P., Linse, K. and McInnes, S., 2008. Assessing meiofaunal variation among individuals utilising morphological and molecular approaches: an example using the Tardigrada. **BMC Ecology** 8: 7, doi: 10.1186/1472-6785-8-70

- Sands, C. J., McInnes, S. J., Marley, N. J., Goodall-Copestake, W. P., Convey, P. and Linse, K., 2008. Phylum Tardigrada: an "individual" approach. **Cladistics**, 24: 861 - 871
- Sandulli, R., D'Addabbo, M. G., Morone De Lucia, M. R., D'Addabbo, R., Pietanza, R. and Grimaldi de Zio, S., 1999. Preliminary investigations on meiofauna of two caves in San Domino Island (Tremi Archipelago). **Biol. Mar. Medit.**, 6: 437 - 440
- Sayre, R. M., 1969. A method for culturing a predaceous tardigrade on the nematode *Paragrellus redivivus*. **Trans. Am. microsc. Soc.**, 88: 266 - 274
- Sayre R. M. and Hwang, S. W., 1975. Freezing and storing a tardigrade (*Hypsibius myrops*) in liquid nitrogen. **Cryobiology**, 12: 568 - 569
- Schaudinn, F. 1901. Die Tardigraden. **Fauna Arctica, Jena**, 22: 186 - 195
- Schill, R. O., 2007. Comparison of different protocols for DNA preparation and PCR amplification of mitochondrial genes of tardigrades. Proceedings of the Tenth International Symposium on tardigrada, **Journal of Limnology** 66: 164 - 170
- Schill, R. O. and Steinbrück, G., 2007. Identification and differentiation of Heterotardigrada and Eutardigrada species by riboprinting. **J. Zoolog. Syst. Evol. Res.** 45: 184 - 190
- Schill, R. O., Steinbrück, G. H. B. and Köhler, H.-R., 2004. Stress gene (hsp70) sequences and quantitative expression in *Milnesium tardigradum* (Tardigrada) during active and cryptobiotic stages. **J. Exp. Biol.** 207: 1607 - 1613
- Schmidt, P., 1971. Organisation und Fortpflanzung von Tardigraden. Film C 1062/1971, Encyclopaedia Cinematographica. Göttingen: Institut für Wissenschaftlichen Film, pp. 1 - 20
- Schmidt, P., 1971. *Hypsibius dujardini* (Tardigrada), Organisation und Fortpflanzung von Tardigraden. Film C 1658/1971, Encyclopaedia Cinematographica. Göttingen: Institut für Wissenschaftlichen Film, pp. 1 - 26
- Schmidt, P., 1971. *Milnesium tardigradum* (Tardigrada), Organisation und Fortpflanzung von Tardigraden. Film C 1659/1971, Encyclopaedia Cinematographica. Göttingen: Institut für Wissenschaftlichen Film, pp. 1 - 13
- Schmidt-Rhasa, A., 2001. Tardigrades - are they really miniaturized dwarfs? **Zool. Anz.**, 240: 549 - 555
- Schmidt-Rhasa, A. and Kulesa, J., 2007. Muscular architecture of *Milnesium tardigradum* and *Hypsibius* sp. (Eutardigrada, Tardigrada) with some data on *Ramazzottius oberhauseri*. **Zoomorphology**, 126: 265 - 281
- Schranck, F. v. Paula, 1803. Wasserbärchen. **Fauna Boica.**, 3: 178 & 196
- Schuetz, G., 1987. A one year study on the population dynamics of *Milnesium tardigradum* Doyere in the lichen *Xanthoria parietina* (L.) Th. FR. In: *Biologi of Tardigrades*: R. Bertolani (Ed.). Selected Symposia and Monographs U.Z.I., 1, Mucchi, Modena: 217 - 228
- Schultze, C. A. S., 1834. *Macrobotus Hufelandii* animal e crustaceorum classe novum, reviviscendi post diuturnam asphixiam et aridiatem potens, etc. 8, 1 tab. C. Curths, Berlin.
- Schultze, C. A. S., 1834. Über *Macrobotus Hufelandii*. In **Isis von Oken** 6: 708 - 714
- Schultze, C. A. S., 1840. *Echiniscus bellermanni*; animal crustaceum. Berlin, 1 - 8
- Schultze, C. A. S., 1861. *Echiniscus creplini*, animalculum e familia Arctiscoidum etc., Greifswald

- Schultze, M., 1865. *Echiniscus sigismundi*, ein Arctiscoide der Nordsee. **Arch. Mikr. Anat.**, 1: 428 - 436
- Schulz, E., 1935. *Actinarctus doryphorus*, nov. gen. nov. spec. ein merkwürdiger Tardigrad aus der Nordsee. **Zool. Anz.**, 111: 285 - 288
- Schulz, E., 1951. Über *Stygarctus bradypus* n. g. n. sp., einen Tardigraden aus Küstengrundwasser und seine phylogenetische Bedeutung. **Kiel. Meeresf.** 8: 86 - 97
- Schulz, E., 1953. Eine neue Tardigraden-Gattung von der pazifischen Küste. **Zool. Anz.** 151: 306 - 310
- Schulz, E., 1953. *Orzeliscus septentrionalis* nov. spec., ein neuer mariner Tardigrad an der deutschen Nordseeküste. **Kiel. Meeresf.**, 9: 288 - 292
- Schulz, E., 1955. Studien an marinen Tardigraden. **Kieler Meeresforschung** 11: 73 - 79
- Schulz, E., 1963. Über die Tardigraden. **Zool. Anz.**, 171: 3 - 12
- Schuster, R., 1999. A new species of the genus *Diphascon* (Tardigrada) from Germany. **Acta Biol. Benrodis** 10: 21 - 25
- Schuster, R., 2003. Faunistische und Ökologische Untersuchungen an Tardigraden des Schwarzwalds (Deutschland). **Acta Biol. Benrodis**, 12: 147 - 192
- Schuster, R. and Greven, H. 2007. A long-term study of population dynamics of tardigrades in the moss *Rhytidiadelphus squarrosus* (Hedw.) Warnst. In G. Pilato and L. Rebecchi (Guest Editors) *Proceedings of the Tenth International Symposium on Tardigrada*. **J. Limnol.**, 66 (Suppl. 1): 141 - 151
- Schuster, R. O., 1971. Tardigrada from Barranca del Cobre, Sinaloa and Chihuahua, Mexico. **Proc. Biol. Soc. Wash.**, 84: 213 - 224
- Schuster, R. O., 1975. A new species of *Parechiniscus* from Utah (Tardigrada: Echiniscidae). **Mem. Ist. ital. Idrobiol.** 32 Suppl.: 333 - 336
- Schuster, R. O., 1977. Tardigrada, pp. 94 - 96. In: S. H. Hurlbert (ed.), *Biota Acuática de Sudamérica Austral*. San Diego State Univ., San Diego, California.
- Schuster, R. O., 1983. A new species of *Macrobiotus* from Tierra del Fuego (Tardigrada: Macrobiotidae). **Pan-Pacific Entomologist**, 59: 254 - 255
- Schuster, R. O. and Grigarick, A. A., 1965. Tardigrada from western North America 'with emphasis on the fauna of California. **Univ. Calif. Publ. Zool., Berkeley**, 76: 1 - 67
- Schuster, R. O. and Grigarick, A. A., 1966. New Tardigrada from Western North America: II. *Echiniscus*. **Proc. Biol. Soc. Wash.**, 79: 127 - 130
- Schuster, R. O. and Grigarick, A. A., 1966. Tardigrada from the Galápagos and Cocos Islands. **Proc. Calif. Acad. Sci.**, 34: 315 - 328
- Schuster, R. O. and Grigarick, A.A., 1970. Tardigrada of Santa Cruz Islands, California. **The Pan-Pacific Entomologist** 46: 184 - 193
- Schuster, R. O. and Grigarick, A.A., 1971. Two new species of *Echiniscus* from the Pacific Northwest (Tardigrada: Echiniscidae). **Proc. Entomol. Soc. Wash**, 73: 105 - 110
- Schuster, R. O., Grigarick, A. A. and Toftner, E. C., 1975. Ultrastructure of Tardigrade cuticle. **Mem. Ist. ital. Idrobiol.**, 32, Suppl.: 337 - 375
- Schuster, R. O., Grigarick, A. A. and Toftner, E. C., 1980. A new species of *Echiniscus* from California (Tardigrada: Echiniscidae). **Pan-Pacific Entomologist** 56: 265 - 267
- Schuster, R. O., Nelson D.R., Grigarick A.A., Christenberry D. 1980. Systematic criteria of Eutardigrada. **Trans. Am. Microsc. Soc.**, 99: 284 - 303

- Schuster, R. O. and Toftner, E. C., 1982. Dominican Republic Tardigrada. In: D.R. Nelson (ed.) **Proc. Hird Int. Symp. Tardigrada, East Tennessee state Univ. Press, Johnson City, Tennessee**, pp. 221 - 236
- Schuster R. O., Toftner, E.C. and Grigarick, A., 1977. Tardigrada of Pope Beach, Lake Tahoe, California. **The Washmann Journal of Biology**, 35: 115 - 136
- Schüttler, L. and Greven, H., 2000. Beobachtungen zur Lokomotion von Tardigraden. **Acta. Biol. Benrodis** 11: 33 - 52
- Scourfield, D. J., 1897. Contributions to the Non-Marine Fauna of Spitsbergen. Part I. Preliminary notes, and report on the Rhizopoda, Tardigrada, Entomostraca, & C. **Proc. Zool. Soc., London**, 784 - 792
- Seki, K. and Toyoshima, M. 1998. Preserving tardigrades under pressure. **Nature** 395: 853 - 854
- Sellnick, M. 1908. Beitrag zur Moosfauna der Faröer. **Zool. Anz.** 33: 208 - 212
- Séméria, Y. 1981. Recherches sur la faune urbaine et sub-urbaine des Tardigrades muscicoles et lichénicoles. I. Nice-Ville. **Bull. Soc. Linn. Lyon.** 7: 231 - 237
- Séméria, Y. 1982. Trois espèces nouvelles de tardigrades pour la faune de France: *Echiniscus militaris* Murray, *Pseudechiniscus cornutus* Richters, *Pseudechiniscus loabatus* Ramazzotti (Heterotardigrada, Echiniscoides, Echiniscidae). **Bulletin mensuel de la Société de Lyon**,. 51: 101 - 104
- Séméria, Y. 1982. Recherches sur la faune urbaine et sub-urbaine des tardigrades muscicoles et lichénicoles. 2. L'espace sub-urbain: les hautes orientales de Nice-Ville. **Bulletin mensuel de la Société de Lyon**, 51: 315 - 328
- Séméria, Y. 1984. *Itaquascon ramazzottii* G. Iharos, 1966 et *Doryphoribius citrinus* Maucci, 1972 (Hypsibiidae), Tardigrades nouveaux pour la faune de France (Eutardigrada, Parachela), **Bull., Mens. Soc. Linn. Lyon**, 54: 182 - 185
- Séméria, Y. 1984. Inventaire faunistique des Tardigrades hydrobiontes de la Corse du sud. **Redia**. LXVII: 185 - 194
- Séméria, Y. 1985. Les Tardigrades du mont Vinaigrier. **Biocosme mésogéen, Nice** 2: 65 - 69
- Séméria, Y. 1985. Deux nouvelles formes de Tardigrades du Nicaragua: *Echiniscus maesi* n. sp. (Heterotardigrada, Echiniscidae) et *Macrobotus islandicus nicaraguensis* n. ssp. (Eutardigrada, Macrobiotidae). **C. R. Acad. Sc. Paris**, 300 (ser. 3): 9 - 11
- Séméria, Y. 1985. New tardigrades from Nicaragua. **C. R. Acad. Sci. Paris** 300, Sér. 3, 1: 9 - 11
- Séméria, Y. 1986. Notes sur les Tardigrades du Maroc. **Biocosme mésogéen, Nice** 3: 117 - 119
- Séméria, Y., 1990. Les tardigrades de la côte orientale du Groenland. Résultats de la 3e expedition du G.E.C.R.P. au Scoresbysund. **Bull. Mens. Soc. Linn. Lyon**, 59: 325 - 332
- Séméria, Y., 1993. Description d'une nouvelle de Tardigrade du Vénézuéla, *Ramazzottius edmondabouti* n. sp. (Eutardigrada, Hypsibiidae). **Bulletin mensuel de la Société Linnéenne de Lyon**, 62: 215 - 216
- Séméria, Y. 1994. Liste révisée des Tardigrades de France. **Bulletin mensuel de la Société de Lyon**, 63: 366 - 378
- Séméria, Y. 1994. Une espèce nouvelle de Tardigrade de Taïwan: *Echiniscus pseudelegans*, n. sp. (Heterotardigrada Echiniscidae). **Bull. Mens. Soc. Linn. Lyon**, 63: 28 - 30
- Séméria, Y. 1990. Les tardigrades de la côte orientale du Groenland. Résultats de la troisième expédition du G.E.C.R.P. au Scorebysund (1987). **Bulletin Mensuel de la Société Linnéenne, Lyon** 59 (8): 325 - 332
- Séméria, Y. 2003. Tardigrades des cryoconites du Groenland. Exploration de l'inlandsis et des abords immédiats. **Bull. Mens. Soc. Linn. Lyon**, 73: 191 - 192
- Séméria, Y. 2003. Tardigrades. Faune de France 87. Fédération Française des Sociétés de Sciences Naturelles. 294 pp

- Séméria, Y.* 2003. Une espece nouvelle de tardigrade pour l'Ile de La Reunion: *Cornechiniscus madagascariensis* Maucci. **Bulletin Mensuel de la Societe Linneene de Lyon**, 72: 233 - 234
- Séméria, Y. and Elin, D.*, 1990. Les tardigrades du Groenland. Résultats de la 2eme expédition du G.E.C.R.P. au Scoresbysund (côte orientale - 1985). **Bulletin Mensuel de la Société Linnéenne, Lyon** 58 (4): 124 - 134
- Shaw, K.*, 1974. The fine structure of muscle cells and their attachments in the tardigrade *Macrobotus hufelandi*. **Tissue and Cell**, 6: 431 - 445
- Shipley, A. E.*, 1909. Tardigrada. **Cambridge Natural History**, 4: 477 - 487
- Sinclair, B. J.*, 2001. On the distribution of terrestrial invertebrates at Cape Bird, Ross Island, Antarctica. **Polar Biol.**, 24: 394 - 400
- Sohlenius, B.*, 1977. Numbers, biomass and respiration of Nematoda, Rotatoria and Tardigrada in a 120-year-old Scots pine forest at Ivantjärnsheden, Central Sweden. Swed. Con. For. Proj. Tech. Rep. 9, 40 pp.
- Sohlenius, B.*, 1979. A carbon budget for nematodes, rotifers and tardigrades in a Swedish coniferous forest soil. **Holarctic Ecology** 2: 30 - 40
- Sohlenius, B.*, 1982. Short-term influence of clear-cutting on abundance of soil-microfauna (Nematoda, Rotifera and Tardigrada) in a Swedish pine forest soil. **J. Appl. Ecol.**, 19: 349 - 359
- Sohlenius, B. and Boström, S.*, 1999. Effects of climate change on soil factors and metazoan microfauna (nematodes, tardigrades and rotifers) in a Swedish tundra soil - a soil transplantation experiment. **Applied Soil Ecology**, 12: 113 - 128
- Sohlenius, B. and Boström, S.*, 2005. The geographic distribution of metazoan microfauna on East Antarctic nunataks. **Polar Biol.**, 28: 439 - 448
- Sohlenius, B., Boström, S. and Hirschfelder, A.*, 1995. Nematodes, rotifers and tardigrades from nunataks in Dronning Maud Land, East Antarctica, **Polar Biol.**, 15: 51 - 56
- Sohlenius, B., Boström, S. and Hirschfelder, A.*, 1996. Distribution patterns of microfauna (nematodes, rotifers and tardigrades) on nunataks in Dronning Maud Land, East Antarctica. **Polar Biol.**, 16: 191 - 200
- Sohlenius, B., Boström, S. and Jönsson, K. I.*, 2004. Occurrence of nematodes, tardigrades and rotifers on ice-free areas in East Antarctica. **Pedobiologia (Jena)** 48: 395 - 408
- Spallanzani, L.*, 1776. Opuscoli di fisica animale, e vegetabile, Vol. 2, Il Tardigrado etc., Opusc. 4, sez, spec., pp. 181 - 253, Modena, Italy
- Stark, S. and Kristensen, R. M.*, 1999. Tardigrades in the soil of Greenland. **Ber. Polarforsch.** 330: 44 - 63
- Steele, W. K., Balfour, D. A., Harris, J. M., Dastych, H., Heyns, J. and Eicker, A.*, 1994. Preliminary biological survey of Vesleskaret, northern Ahlmannryggen, western Queen Maud Land: site of South Africa's new Antarctic base. **S. Afr. J. Antarct. Res.** 24: 57 - 65
- Steinböck, O.*, 1975. Über die fauna der Kryokonitlöcher alpiner Gletscher. **Der Schlern, Bozen**, 31: 65 - 70
- Steiner, G.*, 1926. *Bathyechiniscus tetronyx* n. g., n. sp., Ein neuer mariner Tardigrade. **Deutsche Sudpolar Exp., 1901 - 1903**, 18: Zool. (10): 479 - 481
- Steiner, W. A.*, 1994. The influence of air pollution on moss-dwelling animals: 2. Aquatic fauna with emphasis on Nematoda and Tardigrada. **Rev. Suisse Zool.**, 101: 699 - 724
- Steiner, W. A.*, 1994. The influence of air pollution on moss-dwelling animals: 4. Sesonal and long-term fluctuations of rotifer, nematode and tardigrade populations. **Rev. Suisse Zool.**, 101: 1017 - 1031

- Strayer, D., Nelson, D. R. and O'Donnell, E. B., 1994. Tardigrades from shallow groundwaters in southeastern New York, with the first record of *Thulinia* from North America. **Trans. Am. Microsc. Soc.**, 113: 325 - 332
- Sudzuki, M., 1964. On the microfauna of the Antarctic Region. I. Moss-water community at Langhovde. **JARE sci. Rep., ser. E.**, 19: 1 - 41, Tokyo
- Sudzuki, M., 1974. Lotic Tardigrada from the Tama River with special reference to water saprobity. **Mem. Ist. ital. Idrobiol.**, 32 Suppl.: 377 - 391
- Sudzuki, M., 1979. On the microfauna of the Antarctic Region. III. Microbiota of the terrestrial interstices. **Natn. Inst. polar Res. Memoirs., Spec. Iss.:** 104 - 126
- Sugawara, H., Tanno, K., Ohyama, Y. and Fukada, H., 1990. Freezing tolerance of *Macrobiotus harmsworthi* (Tardigrada) and *Plectus antarcticus* (Nematoda) in the Antarctic region. **Antarct. Rec.**, 34: 292 - 302
- Suren, A., 1990. Microfauna Associated with Algal Mats in Melt Ponds of the Ross Ice Shelf. **Polar Biology**, 329 - 335
- Suren, A., 1992. Meiofaunal communities associated with bryophytes and gravels in shaded and unshaded alpine streams in New Zealand. **New Zealand Journal of Marine and Freshwater Research**, 26: 115 - 125
- Suzuki, A. C., 2003. Life history of *Milnesium tardigradum* Doyère (Tardigrada) under rearing environment. **Zool. Sci.**, 20: 49 - 57
- Suzuki, A. C., 2006. Ovarian structure in *Milnesium tardigradum* (Tardigrada, Milnesiidae) during early vitellogenesis. **Hydrobiologia**, 558: 61 - 66
- Szymanska, B., 1994. Interdependence between storage bodies and egg developmental stages in *Macrobiotus richtersi* Murray, 1911 (Tardigrada). **Acta Biol. Cracov.**, 36: 41 - 48
- Szymanska, B., 1994. The Tardigrada from Axel Heiberg Island and the associate bryophyte species. **Folia Entom. Hung.**, 55: 359 - 368
- Szymanska, B., 1995. Encystment in the tardigrade *Dactylobiotus dispar* (Murray 1907) (Tardigrada: Eutardigrada). **Zool. Pol.** 40: 91 - 102
- Sømme, L. 1966. Anhydrobiosis and cold tolerance in tardigrades. **Eur. J. Entomol.** 93: 349 - 357.
- Sømme, L. and Meier, T. 1995. Cold tolerance in tardigrada from Dronning Maud Land, Antarctica. **Polar Biology**, 15: 221 - 224

T

- Tambs-Lyche, H., 1940. Marine Tardigraden bei Bergen. **Bergens Mus. Årb. 1939 - 40. Naturvit. rekke** (5): 1 - 5
- Tappi, M., 1952. Tardigradi del Piemonte. **Boll. Ist. Mus. Zool. Univ. Torino**, 3: 103 - 117
- Tarter, D. and Nelson, D., 1993. First records of tardigrades (Phylum: Tardigrada) from mosses in the Cranberry Glades Botanical Area in the Monongahela National Forest, Pocahontas County, West Virginia. **Proc. W. Va. Acad. Sci.**, 65: 36
- Tarter, D. and Nelson, D., 1994. Preliminary list of tardigrades (Phylum: Tardigrada) from mosses and liverworts in the Mononghela National Forest. **Proc. W. Va. Acad. Sci.**, 66: 34

- Tarter, D., Ruggles, K., Gillenwater, S. and Nelson, D., 1992. First records of water bears (Phylum: Tardigrada) from west Virginia. **Proc. W. Va. Acad. Sci.**, 61: 96 - 99
- Tchesunov, A. V. and Mokievsky, V. O., 1995. A new marine tardigrade, *Batillipes crassipes* sp. nov., from the Japan Sea (Tardigrada, Arthrotardigrada, Batillipedidae). **Cah. Biol. Mar.** 36: 153 - 257
- Teodoro, G., 1926. Rotiferi, Gastrotrichi e Tardigradi di Romagna. **Atti Acc. Scient. Veneto-Trent.-Istr.**, 17: XXX
- Teodoro, G., 1926. Sulla presenza del *Macrobotus ursellus* nelle acque dolci di Padova. **Boll. Pesca Piscic. Idrobiol.**, 2: 80 - 82
- Teunissen, R. J. H., 1938. Tardigraden. **Exploration du Parc National Albert, Mission de Witte** 16: 1 - 21 (Inst. Parcs Nat. Congo Belge)
- Thaler, K., 1999. Nival invertebrate animals in the East Alps: a faunistic overview (2.5. Tardigrada). In: MARGESIN, R. & SCHINNER, F. (eds.): Coldadapted organisms. Springer-Verlag, Berlin, Heidelberg, New York, pp. 165 - 179
- Thulin, G., 1911. Beitrag zur Kenntnis der Tardigradenfauna Schwedens. **Ark. Zool., Stockholm**, 7: 1 - 60
- Thulin, G., 1928. Über die Phylogenie und das System der Tardigraden. **Hereditas, Lund**, 11: 207 - 266
- Thulin, G., 1942. Ein neuer mariner Tardigrad. **Meddel. Göteborgs Mus. Zool.**, 99: 1 - 10
- Toftner, E.C., Grigarick, A. A., Schuster, R.O. 1975. Analysis of scanning electron microscope images of *Macrobotus* eggs. In R. P. Higgins (ed.): International Symposium on the Tardigrades, Pallanza, Italy, June 17 - 19, 1974 **Mem. Ist. Ital. Idrobiol.**, 32, Suppl. , 393 - 411
- Tsurusaki, N. 1980. A new species of marine interstitial Tardigrada of the genus *Hypsibius* from Hokkaido Northern Japan. **Annot. Zool. Japon.**, 53: 280 - 284
- Tumanov, D.V. 1997. *Hypsibius iskandarovi* sp.n a new species of Tardigrada from fresh waters of North-West Russia (Tardigrada: Hypsibiidae). **Zoosystematica Rossica**, 5: 219 - 220
- Tumanov, D.V., 1996. Tikhokhodki v bentosnykh soobshchestvakh presnovodnykh vodoemov severozapada Rossi (Tardigrades in freshwater benthic communities in northwestern Russia) **Tr. Zool. Inst. RAN** (Proc. Zool. Inst. St-Petersburg) 272: 330 - 333
- Tumanov, D.V. 2003. *Isohypsibius borkini*, a new species of Tardigrada from Tien Shan (Kirghizia) (Eutardigrada: Hypsibiidae). **Genus**, 14: 439 - 441
- Tumanov, D.V. 2003. Four new *Isohypsibius* species from Russian fresh waters (Tardigrada, Hypsibiidae). **Bulletin de l'Institut Royal des Sciences Naturelles de Belgique Biologie**, 73: 183 - 189
- Tumanov, D. V. 2004. *Macrobotus kovalevi*, a new species of Tardigrada from New Zealand (Eutardigrada, Macrobiotidae). **Zootaxa**, 406: 1 - 8
- Tumanov, D. V. 2005. *Isohypsibius panovi*, a new species of Tardigrada from Ireland (Eutardigrada, Hypsibiidae). **Zootaxa**, 812: 1 - 4
- Tumanov, D. V. 2005. Notes on the Tardigrada of Thailand, with description of *Macrobotus alekseevi* sp. nov. (Eutardigrada, Macrobiotidae). **Zootaxa**, 999: 1 - 16
- Tumanov, D. V. 2005. Two new species of *Macrobotus* (Eutardigrada, Macrobiotidae) from Tien Shan (Kirghizia) with notes on *Macrobotus tenuis* group. **Zootaxa**, 1043: 33 - 46

- Tumanov, D. V., 2006. Five new species of the genus *Milnesium* (Tardigrada, Eutardigrada, Milnesiidae). **Zootaxa**, 1122: 1 - 23
- Tumanov, D. V., 2006. *Macrobotus siamensis*, sp. n. (Eutardigrada, Macrobiotidae) from Thailand (Asia). **Zootaxa**, 1202: 53 - 59
- Tumanov, D. V., 2007. Three new species of *Macrobotus* (Eutardigrada, Macrobiotidae, *tenuis*-group) from Tien Shan (Kirghizia) and Spitsbergen. In: G. Pilato and L. Rebecchi (Guest Editors) *Proceedings of the Tenth International Symposium on Tardigrada*. **J. Limnol.**, 66 (Suppl. 1): 40 - 48
- Tuxen, S. L., 1941. Tardigrada. **The Zoology of Iceland**, 3: 1 -11
- Tuxen, S. L., 1941. Tardigrada. **Zoology of the Faroes**, 21: 1 - 9

U

- Urbanowiczowna, K., 1924. O zmiennosci *Macrobotus oberhaeuseri* Doyère. **Prace Tow. Przyj. Nauk, Wilno**, 11: 1 - 17
- Urbanowicz, C., 1925. Sur la variabilité de *Macrobotus oberhaeuseri*. **Bulletin biologique de la France et de la Belgique (Paris)**, 59: 124 - 142
- Usher, M. B. and Dastyh, H. 1987. Tardigrada from the Maritime Antarctic, **British Antarctic Survey Bulletin**, 77: 163 - 166
- Utsugi, K., 1986. Urban tardigrades in Kyushu. **Zool. Sci.** 3: 1110
- Utsugi, K., 1987. Urban tardigrades in Hokuriku area. **Zool. Sci.** 4: 1111
- Utsugi, K., 1988. Tardigrades in Hokkaido area. **Zool. Sci.**, 5: 1335
- Utsugi, K., 1990. Heterotardigrades in Japan. **Zool. Sci.** 7: 1183
- Utsugi, K., 1991. Tardigrada. In: Pictorial keys to soil animals of Japan (AOKI, J. ed.), pp. 16 - 20. Tokai Univ. Press, Tokyo (In Japanese)
- Utsugi, K., 1996. Study on terrestrial tardigrades in Japan. II. Summary of urban tardigrades in Japan. **Natl. Environm. Sci. Res.**, 9: 33 - 46 (in Japanese with English summary)
- Utsugi, K., Hiraoka, T., and Nunomura, N., 1997. On the realtions between tardigrade fauna and bryophyte flora in Toyama Prefecture. **Bull. Toyama Sci. Mus.**, 20: 57 - 71
- Utsugi, K. and Ohyama, Y., 1989. Antarctic Tardigrada. **Proc. NIPR Symp. Polar Biol.**, 2: 190 - 197
- Utsugi, K. and Ohyama, Y., 1991. Antarctic Tardigrada II. Molodezhnaya and Mount Riiser-Larsen areas. **Proceedings of the National Institute of Polar Research Symposium of Polar Biology** 4: 161 - 170
- Utsugi, K. and Ohyama, Y., 1993. Antarctic Tardigrada III. Fildes Peninsula of King George Island. **Proceedings of the National Institute of Polar Research Symposium of Polar Biology** 6: 139 151

V

- Vaj, M. T., 1956. Alcuni Tardigradi della regione Bergamasca. **Monit. zool. ital.**, 64: 16 - 17
- Valentine, J. W. and Collins, A. G., 2000. The significance of moulting in Ecdysozoan evolution. **Evolution and Development**, 2:3, 152 - 156

- Valkanov, A., 1950. *Echiniscoides sigismundi* (M. Schultze) vom Schwarzen Meer. **Arb. Biol. Meeresst. Varna** (Bulgarien), 15: 181 - 186
- Valkanov, A., 1954. Czernomorskyte Tardigradi. Die Tardigraden des Schwarzen Meeres. **Arb. Biol. Meeresst. Varna** (Bulgarien), 18: 59 - 61
- Van Rompu, E.A. and De Smet, W. H., 1988. Some aquatic Tardigrada from Bjørnøya (Svalbard). **Fauna Norvegica, Serie A**, 9: 31 - 36
- Van Rompu, E. A. and De Smet, W. H. 1991. Contribution to the freshwater Tardigrada from Barentsøya, Svalbard (78° 30'N). **Fauna norv. Ser. A** 12: 29 - 39
- Van Rompu, E. A. and De Smet, W. H., 1994. Freshwater tardigrades from Hopen, Svalbard (76°31'N). **Fauna norv. Ser. A**, 17: 1 - 9
- Van Rompu, E. A. and De Smet, W. H., 1996. Additions to the tardigrade fauna of Belgium. **Biol. Jaarb. Dodonea**, 63: 76 - 91
- Van Rompu, E. A. and De Smet, W. H., 1998. Records of Tardigrada new for the Belgian fauna. **Naturwetenschappelijk Tijdschrift**, 72: 12 - 19
- Van Rompu, E. A., De Smet, W. H. and Bafort, J. M., 1991. Some freshwater tardigrades from the Kilimanjaro. **Naturwetenschappelijk Tijdschrift**, 73: 55 - 62
- Van Rompu, E. A., De Smet, W. H. and Bafort, J. M., 1991. Contributions to the Tardigrada of the Canadian High Arctic. 2. Freshwater tardigrades from Little Cornwallis Island, Northwest territories, Canada. **Biol. Jaarb. Dodonea**, 59: 132 - 140
- Van Rompu, E. A., De Smet, W. H. and Beyens, L., 1992. Contributions to the Tardigrada of the Canadian High-Arctic 1. Freshwater tardigrades from Devon Island, Northwest Territories. **Can. Field-Nat.** 106: 303 - 310
- Van Rompu, E. A., De Smet, W. H. and Coomans, A., 1995. Some terrestrial tardigrades from Zimbabwe. **Biologisch Jaarboek Dodonea**, 62: 48 - 55
- Van Rompu, E. A., De Smet, W. H. and Coomans, A., 1996. Tardigrada from the Galapagos and Solomon Islands. **Biologisch jaarboek Dodonea**, 63: 152 - 160
- Vargha, B., 1995. Three new tardigrade species from Hungary. **Acta Zoologica Academiae Scientiarum Hungaricae**, 41: 301 - 313
- Vargha, B., 1996. New data to the Hungarian tardigrade fauna with a revised list of species. **Fol. Ent. Hung.**, 57: 285 - 290
- Vargha, B., 1997. Környezetszennyező anyagok hatásának ökotoxikológiai bioindikációs vizsgálata. II. rész. Nematoda-teszt, bioindikáció mohalakó Tardigradákkal. **Egészségtudomány** 41: 152 - 164 (in Hungarian)
- Vargha, B., 1998. Effect on the environmental change during a half century to the Tardigrada fauna of Tihany Peninsula, central Hungary. **Dunántúli Dolg Term tud Sor.** 9: 73 - 80 (in Hungarian)
- Vargha, B., 2000. Adatok a Villanyi-hegység medveállatka (Tardigrada) faunájához. Data to the water bear (Tardigrada) fauna of the Villany Hills, Hungary. **Dunantuli Dolgozatok (A) Termesztudományi Sorozat** 10: 121 - 125
- Vargha, B., 2003. Adatok a Látrányi Pusztai Természetvédelmi Terület medveállatka (Tardigrada) faunájához. **Natura Somogyiensis**, 5: 53 - 58 (in Hungarian)
- Vargha, B. and Iharos, G., 2001. Medveállatka (Tardigrada) fajok előfordulása Somogy megyében. **Natura Somogyiensis**, 1: 41 - 48
- Vargha, B., Ötvös, E. and Tuba, Z., 2002. Investigations on ecological effects of heavy metal pollution in Hungary by moss-dwelling water bears (Tardigrada), as bioindicators. **Ann. Agric. Environ. Med.**, 9: 141 - 146

- Vasquez, J. H. and Vargas, M. V., 2003. Tardigrades (Tardigrada) from the western part of the central valley, Costa Rica with some ecological annotations. **Brenesia**, 59/60: 69 - 76
- Vetter, J., 1990. The "little bears" that evolutionary theory can't bear!. **Creation ex Nihilo**, 12: 16 - 18
- Villora- Moreno, S., 1996. A new genus and species of the deep-sea family Coronarctidae (Tardigrada) from a sub-marine cave with a deep-sea like condition. **Sarsia** 81: 275 - 283
- Villora-Moreno, S., 1998. Deep-sea Tardigrada from South Shetland Islands (Antarctica) with description of *Angursa antarctica* sp. nov. (Arthrotardigrada, Halechiniscidae). **Polar. Biol.**, 19: 336 - 341
- Villora-Moreno, S. and Grimaldi de Zio, S., 1993. Redescription and ecology of *Batillipes phreaticus* Renaud-Debyser, 1959 (Arthrotardigrada, Batillipedidae) in the gulf of Valencia (western Mediterranean). **Cahiers de Biologie Marine**, 34: 387 - 399
- Villora-Moreno, S. and Grimaldi de Zio, S., 1996. New records of marine Tardigrada in the Mediterranean Sea. In S. McInnes and D. Normann (eds.), *Tardigrade biology. Proceedings of the sixth International symposium on Tardigrada, August 1994, Cambridge, England*. **Zool. J. Linn. Soc.** 116: 149 - 166
- Vitkova, M., Král, J., Traut, W., Zrzavý and Marec, F., 2005. The evolutionary origin of insect telomeric repeats, (TTAGG)*n*. **Chromosome Research**, 13: 145 - 156
- Volkman, A. and Greven, H., 1993. Ultrastructural localization of tyrosinase in the Tardigrade cuticle. **Tissue and Cell**, 25: 435 - 438
- Von Erlanger, R., 1894. Zur Morphologie und Embryologie eines Tardigraden (*Macrobiotus macronyx* Duj.)Vorl. Mitt. I. **Biol. Ctrbl.** 14: 582 - 585
- Von Erlanger, R., 1895. Zur Morphologie und Embryologie eines Tardigraden (*Macrobiotus macronyx* Duj.)Vorl. Mitt. II. **Biol. Ctrbl.**, 22: 491 - 513
- Von Erlanger, R., 1895. Beiträge zur Morphologie der Tardigraden. I. Zur Embryologie eines Tardigraden: *Macrobiotus macronyx* Dujardin. **Morphol. Jahrb.** 22: 491 - 513
- Von Goes, A., 1862. Om tardigrader, Anguillulae m.m. från Spetsbergen. **Öfvers K. Vet. Akad. Förh.**, 18
- Von Wenck, W., 1914. Entwicklungsgeschichtliche Untersuchungen an Tardigraden (*Macrobiotus lacustris* Duj.). **Zool. Jahrb., Abt. Anat.**, 37: 465 - 514

W

- Wägele, J. W., 1999. Major Sources of errors in Phylogenetic Systematics. In H. Greven (ed.) *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany*. **Zool. Anz.**, 238: 329 - 337
- Wainberg, R. H. and Hummon W. D., 1981. Morphological variability of the tardigrade *Isohypsibius saltursus*. **Transactions of the American Microscopical Society**, 100: 21 - 33
- Walkanov, A., 1954. Die Tardigraden des Schwarzen Meeres. **Arbeiten aus der Biologischen Meeresstation In Varna (Bulgarien)**, 18: 59 - 61
- Walkanov, A., 1955. Katalog unserer Schwarzmeerfauna. **Arbeiten aus der Biologischen Meeresstation In Varna (Bulgarien)**, 18: 59 - 61
- Walossek, D., Müller, K. J. and Kristensen, R. M., 1994. A more than half a billion years old stem-group tardigrade from Siberia. ????

- Walz, B., 1973. Zur feinstruktur der Muskelzellen des Pharynx-bulbus von Tardigraden. **Z. Zellforsch.** 140: 389 - 399
- Walz, B., 1974. The fine structure of somatic muscles of Tardigrada. **Cell Tissue Res.**, 149: 81 - 89
- Walz, B., 1975. Ultrastructure of muscle cells in *Macrobiotus hufelandi*. In R. P. Higgins (ed.): International Symposium on the Tardigrades, Pallanza, Italy, June 17 - 19, 1974. **Mem. Ist. ital. Idrobiol.**, 32: 425 - 443
- Walz, B., 1975. Modified ciliary structures in receptor cells of *Macrobiotus hufelandi* (Tardigrada). **Cytobiology** 11: 181 - 185
- Walz, B., 1978. Electron microscopic investigation of cephalic sense organs of the tardigrade *Macrobiotus hufelandi* C. A. S. Schultze. **Zoomorphology**, 89: 1 - 19
- Walz, B., 1979. The morphology of cells and cell organelles in the anhydrobiotic tardigrade, *Macrobiotus hufelandi*. **Protoplasma** 99: 19 - 30
- Walz, B., 1979. Cephalic sense organs of Tardigrada. Current results and problems. In B. Weglarska (ed.): Second International Symposium on Tardigrades, Krakow, Poland, July 28 - 30, 1977. **Zeszyt Naukowe Uniwersytetu Jagiellonskiego, Prace Zoologiczne**, 25: 161 - 168
- Walz, B., 1982. Molting in Tardigrada. A review including new results in cuticle formation in *Macrobiotus hufelandi*, In: Nelson, D. R., (ed). *Proceedings of the third international symposium on the Tardigrada, August 3 - 6, 1980, Johnson City, Tennessee, USA, East Tennessee State University Press*, 129 - 142
- Wang, L., 2009. Three newly recorded species of the genus *Diphascon* (Tardigrada: Hypsibiidae) from China. **Journal of Forestry Research** 20: 87 - 90
- Wang, L. and Li, X., 2005. *Echiniscus taibaiensis* sp. nov. and a new record of *Echiniscus bisetosus* Heinis (Tardigrada, Echiniscidae) from China. **Zootaxa**, 1092: 39 - 45
- Wang, L. and Lian, Z., 2007. Newly recorded species of the genus *Isohypsibius* (Tardigrada: Hypsibiidae) from China. **Journal of Forestry Research**, 18: 322 - 324
- Wang, H., Wang, L. and Li, X., 2007. Tardigrades from Guizhou Province (China) with description of a new species of genus *Doryphoribius* (Tardigrada: Hypsibiidae). **Zootaxa**, 1626: 59 - 67
- Watanabe, M., 2006. Anhydrobiosis in invertebrates. **Appl. Entomol. Zool.**, 41: 15 - 31
- Watanabe, Y., Sasaki, K. and Taira., K., 1961. Preliminary survey of tardigrades on dead bamboo-leaves from Chiba Prefecture. **Sci. Rep. Yokosuka City Mus.**, 6: 93 - 96
- Wataru, A., XXXX. *Insuetifurca austronipponica*, a new Tardigrade (Eutardigrada: Macrobiotidae) from Kagoshima, Southern Japan. **Zoological Science**, 22: 1295 - 1299
- Weglarska, B., 1957. On the encystation in Tardigrada. **Zoologica Poloniae**, 8: 315 - 325
- Weglarska, B., 1959. Die Tardigraden (Tardigrada) Polens. I. Tardigraden der Woiwodschaft Kraków. **Acta Zoologica Cracoviensia**, 4: 699 - 745
- Weglarska, B., 1959. Tardigraden Polens II. **Vest. Csl. spol. zool., Praha**, 23: 354 - 357
- Weglarska, B., 1962. Die Tardigraden Vietnams. **Acta Societatis Zoologicae Bohemoslovenicae** 26: 300 - 307
- Weglarska, B., 1965. Die Tardigraden (Tardigrada) Spitzbergens. **Acta zool. Cracov.**, 11: 43 - 51

- Weglarska, B., 1968. Bodentardigraden des Hohen Hindukusch (Tardigrada). **Zakland Zoologii Systematycezi**, 13: 441 - 446
- Weglarska, B., 1968. Tardigrada of the high mountains of Hindu Kush. **Sci. Res. Polish Hindu Kush Exp.**: 159 - 163
- Weglarska, B., 1970. *Hypsibius (Isohypsibius) smreczynskii* spec. nov., a new species of freshwater tardigrade. **Prace Zoologiczne**, 16: 107 - 114
- Weglarska, B., 1973. Tardigrada in High Tatra Localities bare of snow with a description of *Itaquascon pawlowskii* sp. nov. **Vest. Cs. spol. zool.**, 37: 150 - 154
- Weglarska, B., 1975. Studies on the morphology of *Macrobotus richtersi* Murray, 1911. **Mem. Ist. Ital. Idrobiol.**, 32 **Suppl.**: 425 - 443
- Weglarska, B., (ed.) 1979. Second International Symposium on Tardigrades, Krakow, Poland, July 28 - 30, 1977. **Zeszyty Naukowe Uniwersytetu Jagiellonskiego, Prace Zoologiczne**, 25: 1 - 197
- Weglarska, B., 1979. Electron microscope study on previtellogenesis and vitellogenesis in *Macrobotus richtersi* J. Murr. (Eutardigrada) In B. Weglarska (ed.): Second International Symposium on Tardigrades, Krakow, Poland, July 28 - 30, 1977. **Zesz. Nauk., Uniw. Jagiellon., Pr. Zool.**, 25: 169 - 189
- Weglarska, B., 1980. Light and electron microscope studies on the excretory system of *Macrobotus richtersi* Murray, 1911 (Eutardigrada). **Cell Tissue Res.**, 207: 171 - 182
- Weglarska, B., 1982. Ultrastructural study of the formation of egg envelopes in *Macrobotus richtersi* (Eutardigrada). **Proc. III Symp. Tardigrada, Johnson City**, 115 - 127
- Weglarska, B., 1987. Yolk formation in *Isohypsibius* (Eutardigrada). **Zoomorphology**, 107: 287 - 292
- Weglarska, B., 1987. Studies on the excretory system of *Isohypsibius granulifer* Thulin (Eutardigrada). In R. Bertolani (ed.). *Biology of Tardigrades. Selected Symposia and Monographs U. Z. I.*, Modena, Italy: Mucchi, pp. 15 - 24
- Weglarska, B., 1987. Morphology and ultrastructure of the excretory system in *Dactylobiotus dispar* (Murray) (Eutardigrada). In R. Bertolani (ed.). *Biology of Tardigrades. Selected Symposia and Monographs U. Z. I.*, Modena, Italy: Mucchi, pp. 25 - 33
- Weglarska, B., 1989. Ultrastructure of tardigrade *Dactylobiotus dispar* (Murray 1907) cuticle. **Acta Biol. Cracoviensia** 31: 57 - 62
- Weglarska, B., 1989. Morphology of excretory organs in Eutardigrada. **Acta Biologica Cracoviensia**, 31: 63 - 70
- Weglarska, B and Korecka, T., 1983. Tardigrada from Dobczyce area (Poland). **Zesc. nauk. Univ. Jagiell.**, 29: 83 - 92
- Weglarska, B. and Kuc, M., 1980. Heterotardigrada from Axel Heiberg Island. **Zesz. Uniw. Jaiellonsk., Prace Zool.**, 26: 53 - 66
- Westh, P. and Hvidt, A., 1990. Freeze tolerance in the tardigrade *Adorybiotus coronifer*, ice content and evidence of ice-nucleating agents. **Cryobiology**, 27: 679
- Westh, P. and Kristensen, R.M. 1992. Ice formation in the freeze-tolerant eutardigrades *Adorybiotus coronifer* and *Amphibolus nebulosus* studied by differential scanning calorimetry. **Polar Biol.**, 12: 693 - 699
- Westh, P., Kristensen, R. M. and Hvidt, A., 1991. Ice-nucleating activity in the freeze-tolerant tardigrade *Adorybiotus coronifer*. **Comparative Biochemistry and Physiology (A)**, 73: 621 - 626

- Westh, P. and Ramløv, H., 1988. Cryptobiosis in Arctic tardigrades with special attention to the appearance of trehalose. Pp. 227 - 245 in: Greenland Excursion (ed. Høpner, Petersen, G.). Institute of polar Ecology. Kiel University.
- Westh, P. and Ramløv, H., 1991. Trehalose accumulation in the tardigrade *Adorybiotus coronifer* during anhydrobiosis. **J. Exp. Zool.** 258: 303 - 311
- Wharton, Jr., R. A., McKay, C. P., Simmons, Jr. and Parker, B. C., 1985. Cryoconite Holes on Glaciers. **BioScience**, 35: 499 - 503
- Wiederhöft, H. and Greven, H., 1989. Computergestützte Rekonstruktion des Oberschlundganglions von *Milnesium tardigradum* Doyère 1840 (Apochela, tardigrada). **Verhandlungen der Deutschen Zoologischen Gesellschaft**, 82: 267
- Wiederhöft, H. and Greven, H., 1996. The cerebral ganglia of *Milnesium tardigradum* Doyère (Apochela, Tardigrada): Three dimensional reconstruction and notes on their ultrastructure. In S. McInnes and D. Norman (eds.). *Tardigrade biology. Proceedings of the sixth international symposium on Tardigrada, August 1994, Cambridge, England.* **Zool. J. Linn. Soc.**, 116: 71 - 84
- Wiederhöft, H. and Greven, H., 1999. Notes on head sensory organs of *Milnesium tardigradum* Doyère, 1840 (Apochela, Eutardigrada). In H. Greven (ed.), *Proceedings of the seventh international symposium on the Tardigrada, August 1997, Düsseldorf, Germany.* **Zool. Anz.**, 238: 338 - 346
- Williams, T.C., 1982. A study of Tardigrade populations from Brush Creek Tributary. Washington County, Tennessee. Unpublished Master's Thesis. East Tennessee State University, Johnson City
- Wolburg-Buchholz, K. and Greven, H., 1979. On the fine structure of the spermatozoon in *Isohypsibius granulifer* Thulin, 1928 (Eutardigrada) with reference to its differentiation. **Zeszyty Naukowe Uniwersytetu Jagiellońskiego, Prace Zoologiczne** 25: 191 - 197
- Word, D. H., 1976. A survey of Alabama tardigrades. M. S. Thesis, Auburn University, Auburn, Alabama, U. S. A.: 77 pp.
- Wright, J. C. 1988. Structural correlates of permeability and tun formation in tardigrade cuticle: and image analysis study. **J. Exp. Ultrastruct. Mol. Res.** 101: 23 - 29
- Wright, J. C., 1988. Anhydrobiosis in Tardigrada. **Ph. D. Thesis, University of Oxford**
- Wright, J. C. 1988. The tardigrade cuticle I. Fine structure and the distribution of lipids. **Tissue and Cell**, 20: 745 - 758
- Wright, J. C. 1989. The tardigrade cuticle II. Evidence for a dehydration-dependent permeability barrier in the cuticle. **Tissue and Cell** 21: 263 - 279
- Wright, J. C. 1989. Desiccation tolerance and water-retentive mechanisms in tardigrades. **J. Exp. Biol.** 142: 267 - 292
- Wright, J. C. 1991. The significance of four xeric parameters in the ecology of terrestrial Tardigrada. **J. Zool. Lond.**, 224: 59 - 77
- Wright, J. C., 2001. Cryptobiosis 300 years on from van Leeuwenhoek: what have we learned about tardigrades? **Zool. Anz.** 240: 563 - 582
- Wright, J. C., Westh, P. and Ramløv, H. 1992. Cryptobiosis in Tardigrada. **Biol. Rev.** 67: 1 - 29

- Yang, T., 1999. Three new species and six new records of the class Eutardigrada (Tardigrada) from China (Parachela: Macrobiotidae: Hypsibiidae). **Acta Zootaxonomica Sinica** 24: 444 - 453 (in Chinese with English abstract)
- Yang, T., 2002. Three new species and one new record of the Tardigrada from China. **Acta Hydrobiologica Sinica** 26, 5: 505 - 508
- Yang, T., 2002. The tardigrades from some mosses of Lijiang County in Yunnan province (Heterotardigrada: Echiniscidae: Eutardigrada: Parachela: Macrobiotidae, Hypsibiidae). **Acta Zootaxonomica Sinica** 27: 53 - 64 (in Chinese with English abstract)
- Yang, T., 2003. Two new species and three new records of Tardigrada (Heterotardigrada, Echiniscidae: Eutardigrada, Milnesiidae, Macrobiotidae, Hypsibiidae). **A. Zootaxon. Sin.** 28: 235 - 240 (in Chinese with English abstract)
- Yang, T., 2007. One new species and four newly recorded species of the class Eutardigrada from China (Apochela: Milnesiidae; Parachela: Macrobiotidae, Hypsibiidae). **A. Zootaxon. Sin.** 32: 84 - 91 (in Chinese with English abstract)
- Yang, T., 2007. Tardigrades from some mosses of Shennong frame state forest park in China.). **A. Zootaxon. Sin.** 32: 186 - 189 (in Chinese with English abstract)
- Yang, T., 2008. Tardigrades from some mosses of Wuyi mountain sceneries in east China. **Acta Zootaxonomica Sinica.** 33: 348 - 353

Z

- Zacharias, O., 1886 - 1887. Können die Rotatorien und Tardigraden nach vollständiger Austrocknung wieder aufleben oder nicht? **Biol. Ctrbl.**, 6: x - y
- Zantke, J. Wolff, C. and Scholtz, G., 2008. Three-dimensional reconstruction of the central nervous system of *Macrobiotus hufelandi* (Eutardigrada, Parachela): implications for the phylogenetic position of tardigrada. **Zoomorphology** 127: 21 - 36
- Zhang, Z-Q., 2006. Tardigrada nova: a bibliographic analysis and catalogue of new species described in Zootaxa before 2006. **Zootaxa** 1369: 63 - 68

Ø

- Özdikmen, H., 2008. *Bertolanius* nom. nov., a replacement name for the genus *Amphibolus* Bertolani, 1981 (Tardigrada: Parachela) with type species designation. **Mun. Ent. Zool.** 3: 330 - 332