**Dr. Moshe Agami Full Publication List**

**A. BOOKS** (in Hebrew)

1. Y. Waisel, M. Litav, M. Agami. **Coastal Plants of Israel**. Tel Aviv, Division of Ecology Ltd., (in Hebrew), 1975(96 pp.).
2. M. Agami, A. Dafni. **Extinct and Endangered Plants and Animals of Israel**. Jerusalem, Ministry of Interior - Environmental Protection Service, (in Hebrew), 1975(53 pp.).
3. Y. Waisel, M. Agami**. Halophytes of Israel**. Tel Aviv, Division of Ecology Ltd., (in Hebrew), 1979(80 pp.).

**B. REFEREED ARTICLES**

1. M. Agami, M. Litav, Y. Waisel. The effects of various components of water pollution on the behavior of some aquatic macrophytes of the coastal rivers of Israel. **Aquatic Botany**, Vol. 2, 1976(pp. 203-213).
2. M. Litav, M. Agami. Relationship between water pollution and the flora of two coastal rivers in Israel**. Aquatic Botany**, Vol. 2, 1976(pp. 23-41).
3. A. Dafni, M. Agami. Extinct plants of Israel. **Biological Conservation**, Vol, 10, 1976(pp.49-52).
4. M. Agami, S. Beer, Y. Waisel. Growth and photosynthesis of *Najas marina* L. as affected by light intensity**. Aqautic Botany**, Vol. 9, 1980(pp. 285-289).
5. Y. Waisel, M. Agami, Z. Shapira. Uptake and transport of Rb86, P32, Cl36 and Na22 by four submerged hydrophytes. **Aquatic Botany**, Vol. 13, 1982(pp. 179-186).
6. M. Agami, A. Eshel, Y. Waisel. *Najas marina* in Israel: Is it a halophyte or a glycophyte? **Physiologia Plantarum**, Vol. 61, 1984(pp. 634-636).
7. M. Agami. Effects of water pollution on plant species compositions along the Amal River, Israel. **Archiv fur Hyrobiologie**, Vol. 100, 1984(pp. 445-454).
8. M. Agami, Y. Waisel. Germination of *Najas marina* L. **Aquatic Botany**, Vol. 19, 1984(pp.37-44).
9. M. Agami, S. Beer, Y. Waisel. Seasonal variations in the growth capacity of *Najas marina* L. as a function of various water depths at the Yarkon Springs, Israel. **Aquatic Botany**, Vol. 19, 1984 (pp. 45-51).
10. M. Agami, Y. Waisel. Inter-relationships between *Najas marina* L. and three other species of aquatic macrophytes. **Hydrobiologia**, Vol.126, 1985(pp.169-173).
11. M. Agami, Y. Waisel. The role of mallard ducks (*Anas platyrhynchos*) in the distribution and germination of seeds of the submerged hydrophyte *Najas marina* L. **Oecologia**, Vol. 68, 1986 (pp. 473-475).
12. Y. Waisel, A. Eshel, M. Agami. Salt balance of leaves of the mangrove *Avicennia marina*. **Physiologia Plantarum**, Vol. 67, 1986(pp. 67-72).
13. M. Agami. The effects of different soil water potentials, temperature and salinity on germination of seeds of the desert shrub *Zygophyllum dumosum*. **Physiologia Plantarum**, Vol. 67, 1986 (pp. 305-309).
14. M. Agami, Y. Waisel. The ecophysiology of roots of submerged vascular plants. **Physiologie Vegetale**, Vol. 24, 1986(pp. 607-624).
15. M. Agami, S. Beer, Y. Waisel. The morphology and physiology of turions in *Najas marina* L. in Israel. **Aquatic Botany**, Vol. 26, 1986(pp. 371-376).
16. D. Porath, M. Agami. An alternative approach to study the avoidance of duckweed (*Lemna gibb*a L. - *L. minor* L. complex) from arid zones**. Archiv fur Hydrobiologie**, Vol. 108, 1986(pp. 45-53).
17. M. Agami. The establishment, growth, phenology and longevity of two species of *Helianthemum* in the Negev Desert Highlands, Israel**. Oecologia**, Vol. 71, 1987(pp. 486-490).
18. Y. Gutterman, M. Agami. A comparative germination study of seeds of *Helanthemum vesicarium* Boiss. and *H. ventosum* Boiss., perennial desert shrub species inhabiting two different neighboring habitats in the Negev desert Highlands, Israel. **Journal of Arid Environments,** Vol. 12, 1987 (pp. 215-221).
19. D. Porath, M. Agami, G. Oron. Compliance of a biennial mullein (*Verbascum sinaiticum* Benth.) to erratic desert floods in the Negev highlands, Israel. **Journal of Arid Environments**, Vol. 13, 1987 (pp. 129-136).
20. Y. Viinikka, M. Agami, L. Triest. A tetraploid cytotype of *Najas marina* L. **Hereditas**, Vol. 106, 1987(pp. 289-291).
21. B. Rorslett, M. Agami. Downslope limits of aquatic macrophytes: A test of transient niche hypothesis. **Aquatic Botany**, Vol. 29, 1987(pp. 83-95).
22. M. Agami, Y. Waisel. The role of fish in distribution and germination of seeds of the submerged macrophytes *Najas marina* L. and *Ruppia maritima* L. **Oecologia**, Vol. 76, 1988(pp. 83-88).
23. L. Triest, Y. Viinikka, M. Agami. Isozymes as molecular markers for diploid and tetraploid individuals of *Najas marina* L. (*Najadaceae*). **Plant Systematics and Evolution**, Vol. 166, 1989(pp. 131-139).
24. A. Golan-Goldhirsh, N. Samish, M. Agami, H. Lips. The relationship between some perennial desert plants originated in different phytogeographical regions and proline concentration. **Journal of Arid Environments**, Vol. 17, 1989(pp. 327-333).
25. M. Agami, K. R. Reddy. Inter-relationships between *Salvinia rotundifolia* and *Spirodela polyrrhiza* at various interaction stages**. Journal of Aquatic Plant Management**, Vol. 27, 1989(pp. 96-102).
26. K. R. Reddy, M. Agami, J.C. Tucker. Influence of nitrogen supply rates on growth and nutrient storage by water hyacinth (*Eichhornia crassipes*) plants. **Aquatic Botany**, Vol. 36, 1989 (pp. 33-43).
27. J.J. Oertli, H. Lips, M. Agami. The strength of sclerophyllous cells to resist collapse due to negative turgor pressure. **Acta Oecologica**, Vol. 11, 1990(pp. 281-289).
28. K. R. Reddy, M. Agami, J. C. Tucker. Influence of phosphorus on growth and nutrient storage by water hyacinth [(*Eichhornia crasspies* (Mart.) Solms] plants. **Aquatic Botany**, Vol. 37, 1990 (pp. 355-365).
29. M. Agami, K. R. Reddy. Competition for space between *Eichhornia crassipes* (Mart.) Solms and *Pistia stratiotes* L. cultured in nutrient-enriched water**. Aquatic Botany**, Vol. 38, 1990(pp. 195-208).
30. M. Agami, K. R. Reddy. Inter-relationships between *Eichhornia crassipes* (Mart.) Solms and *Hydrocotyle umbellata* L. **Aquatic Botany**, Vol. 39, 1991(pp. 147-157).
31. K. R. Reddy, M. Agami, E. M. D'Angelo, J. C. Tucker. Influence of potassium supply on growth and nutrient storage by water hyacinth. **Bioresource Technology**, Vol. 37, 1991(pp. 79-84).
32. I. Noy-Meir, M. Agami, E. Cohen, Y. Anikster. Floristic and ecological differentiation of habitats within a wild wheat population at Ammiad. **Israel Journal of Botany**, Vol. 40, 1991(pp. 363-384).
33. I. Noy-Meir, M. Agami, Y. Anikster. Changes in the population density of wild emmer wheat (*Triticum turgidum*var. *dicoccoides*) in a mediterranean grassland**. Israel Journal of Botany**, Vol. 40, 1991(pp. 385-395).
34. E. Nevo, I. Noy-Meir, A. Beiles, T. Krugman, M. Agami. Natural selection of allozyme polymorphisms: A microgeographic spatial and temporal ecological differentiation in wild emmer wheat (*Triticum dicoccoides*). **Israel Journal of Botany**, Vol. 40, 1991(pp. 419-449).
35. H. Zafrir, Y. Waisel, M. Agami, J. Kornfeld , E. Mazor. Uranium in plants of southern Sinai. **Journal of Arid Environments**, Vol. 22, 1992(pp. 363-368).
36. J. Kronfeld, G. Weinberger, A. Yaniv, H. Zafrir, U. Vulcan, M. Agami, E. Rosenthal. Uranium isotope disequilibrium studies and the geohydrology of the Arava Rift Valley, Israel. **Nuclear Geophysics**, Vol. 6, 1992 (pp. 535-545).
37. A. Singer, A. Eshel, M. Agami, S. Beer. The contribution of aerenchymal CO2 to the photosynthesis of emergent and submerged calms of *Scirpus lacustris* and *Cyperus papyrus*. **Aquatic Botany**, Vol. 49, 1994(pp. 107-116).
38. K. R. Reddy, O. A. Dias, L. J. Scinto, M. Agami. Phosphorous dynamics in selected wetlands and streams of the Lake Okeechobee Basin. **Ecological Engineering**, Vol. 5, 1995(pp. 183-207).
39. M. Green, I. Safray, M. Agami. Constructed wetlands for river reclamation - experimental design and start-up. **Bioresource Technology**, Vol. 55, 1996(pp. 157-162).
40. M. Agami, A. Eshel, Y. Waisel. Plant recolonzation after severe degradation: A case study in the Negev Highlands of Israel. **Journal of Arid Environments**, Vol. 38, 1998(pp. 411-419).
41. A. Neori, K.R. Reddy, H. Cizkova-Koncalova, M. Agami. Bioactive chemicals and biological - biochemical activities and their functions in rhizospheres of wetland plants. **The Botanical Review**, Vol. 66, 2000 (pp. 350-378).
42. M. Agami, Y. Waisel. Competitive relationships between two water plant species: *Najas marina* L. and *Myriophyllum spicatum* L. **Hydrobiologia**, Vol. 482, 2002(pp.197-200).
43. N Ran, M. Agami. G. Oron. A pilot study of constructed wetlands using duckweed (*Lemna gibba* L.) for treatment of domestic primary effluent in Israel. **Water Research**, Vol. 38, 2004(pp. 2241-2248).
44. E. Millet, M. Agami, S. Ezrati, J. Manisterski, Y. Anikster. Distribution of Sharon goatgrass (*Aegilops sharonensis* Eig) in Israel. **Israel Journal of Plant Sciences**, Vol. 54, 2006(pp. 243-248).
45. Kaiser, J., Yassin, M., Prakash, S., Safi, N., Agami, M., Lauw, N.N.S., Ostrojenkova, E., Bacher, A., Rohdich, F., Eisenreich, W., Safi, J.and Golan-Goldhirsh, A. Antimalarial drug targets. Screening for inhibitors of 2C-methyl-D-erythritol 4-phosphate synthase (IspC protein) in Mediterranean plants. **Phytomedicine** Vol. 14, 2007(pp. 242-249).

**C. PAPERS PRESENTED AT SCIENTIFIC MEETINGS PUBLISHED IN PROCEEDINGS**

1. M. Agami, Y. Waisel. The effect of temperature and photoperiod on growth of *Najas marina* L. Proc. Int. Symp. Aquat. Macrophytes, Nijmegen, The Netherlands, 18-23 September, 1983(pp. 16-20).

2. Y. Waisel, M. Agami. Are roots essential for normal growth of *Najas marina* L.? Proc. Int. Symp. Aquat. Macrophytes, Nijmegen, The Netherlands, 18-23 September, 1983(pp. 287-291).

3. M. Agami, Y. Waisel. Regeneration of *Najas marina* L. and of *Potamogeton lucens* L. after selective clipping of an established mixed stand. Proc. 7th Int. Symp. of Aquat. Weeds, Loughborough, England, 15-19 September, 1986(pp. 3-7).

**D. a) CHAPTERS IN BOOKS**

1. Y. Waisel, M. Agami. Ecophysiology of roots of submerged aquatic plants. In**: Plant Roots: The Hidden Half.** (Y. Waisel, A. Eshel, U. Kafkafi, Editors), 1st. Edition, New York, Marcel Dekker, 1991(pp. 887-906).

2. Y. Waisel, M. Agami. Ecophysiology of roots of submerged aquatic plants. In**: Plant Roots: The Hidden Half**. (Y. Waisel, A. Eshel, U. Kafkafi, Editors), 2nd. Edition, Revised and Expanded, New York, Marcel Dekker, 1996(pp. 895-909).

3. E. Papastergiadou, M. Agami, Y. Waisel. Restoration of aquatic vegetation in Mediterranean wetlands. In: **Restoration of Mediterranean Wetlands**. (G. C. Zalidis, T. L. Crisman, P. A. Gerakis, Editors), Hellenic Ministry of the Environment, Physical Planning and Public Works, Athens and Greek Biotope/Wetland Center, Thermi, Greece, 2002(pp. 47-69).

4. R. Hadas. A. Siriota, M. Agami, A. Horoviitz. Managing passport data associated with seeds collections from wild populations: Increasing potential for conservation and use of crop wild relatives in Israel. In: **Crop Wild Relative Conservation and Use**. (N. Maxted, B. V. Ford-Lloyd, S. P. Kell, J. M. Iriondo, M. E. Dullo, J. Turok, Editors), UK, CABI, 2008(pp. 513-520).

**b) CHAPTERS IN BOOKS** (in Hebrew)

1. A. Dafni, M. Agami. Rare plants and endangered species. In: **Ecology, Man and His Environment** (Y. Waisel, L. Fishelson, editors), (in Hebrew). Tel Aviv, Division of Ecology Ltd., 1977(pp. 287-294).

2. Y. Waisel, M. Agami. Salt-marshes and halophytes. In: **Encyclopedia: Plants and Animals of the Land of Israe**l. (A. Alon, editor), (in Hebrew). Israel Ministry of Defence Publishing House and Society for Protection of Nature, Vol. 8, 1984(pp. 88-99).

3. Y. Waisel, M. Agami. Aquatic habitats and aquatic macrophytes. In: **Encyclopedia: Plants and Animals of the Land of Israel**. (A. Alon, Editor), (in Hebrew). Israel Ministry of Defence Publishing House and Society for Protection of Nature, Vol. 8, 1984(pp.103-119).

4. Y. Waisel, M. Agami. Vegetation of the Coastal Plain. In: **Encyclopedia: Plants and Animals of the Land of Israel**. (A. Alon, Editor), (in Hebrew). Israel Ministry of Defence Publishing House and Society for Protection of Nature, Vol. 8, 1984(pp. 194-205).

5. Y. Waisel, M. Agami. Vegetation of the Sharon Plain. In: **Hasharon between Yarkon and Karmel.** (A. Degani, D. Grossman, A. Shmueli, editors), (in Hebrew). Israel Ministry of Defence Publishing House, 1990(pp. 109-121).

6. M. Agami. Plants in the Negev Desert Highland and their adaptations to an arid environment. In: **The Negev Highlands - Landscape and Journeys**. (Z. Meshel, editor), (in Hebrew). Israel, Ministry of Defence Publishing House, 1991(pp. 71-73; 81-107; 209-406).

7. M. Agami. The Yarkon River flora – changes during the last fifty years. In: **The Yarkon Basin – Monuments and Routes.** (R. Bar-Ner, A. Buch, editors), (in Hebrew). Israel, Teva Hadvarim,1995(pp. 13-17).

8. M. Agami. Flora of the Yarkon River – past and present. In: **The Yarkon River**. (D. Pergament, Editor), (In Hebrew). Israel, The Yarkon River Authority, 1995(pp. 62-63).

**E. OTHER PUBLICATIONS (ITEMS IN ENCYCLOPEDIAS, REVIEWS, REPORTS, ABSTRACTS ETC.)**

1.. M. Agami, M. Litav, Y. Waisel. Effects of water pollution on the flora and vegetation of the Alexander and Yarkon rivers. 3rd Scientific Conference, Israel Ecological Society, Tel Aviv, Israel, 1972.

2. M. Agami, M. Litav, Y. Waisel. Effects of water pollution in rivers on their macrophytic vegetation. 1st International Congress on Ecology. International Association for Ecology (INTECOL), The Hague, The Netherlands, 1974.

3. M. Agami, Z. Alkalai. Relationship between water pollution and the flora of Amal river. Ad-Hoc Symposium on Biological Management and Protection of Streams, Jerusalem, Israel, 1977.

4. M. Agami. The mysterious disappearance of the blue water lily. Israel - Land and Nature, Vol. 5, 1980(pp. 154-156).

5. Y. Waisel, M. Agami. Description and structure of *Eichhornia crassipes* (water hyacinth). Workshop on "Problems which can occur in the water bodies of Israel if *Eichhornia crassipes* will be introduced". Ben Gurion University of the Negev, The Jacob Blaustein Institute for Desert Research, Soil-Water-Plant Center, Beer Sheva, Israel, 1983.

6. M. Agami, S. Beer, Y. Waisel. Turion formation and turion characteristics in *Najas marina* L. Proceedings of the International Symposium on Aquatic Macrophytes, Silkeborg, Denmark, 26-30 August, 1985(p. 16).

7. M. Agami. Germination of seeds of *Zygophyllum dumosum* Boiss.: Effects of temperature, NaCl concentrations and soil moisture content. Proceedings of the Workshop on "Control Processes in Seeds", Wageningen, The Netherlands,18-23 August, 1985(p. 1).

8. M. Agami, Y. Waisel. The role of mallard ducks (*Anas platyrhynchos*) in the distribution and germination of seeds of the submerged hydrophyte *Najas marina* L. Proceedings of the Israel Society of Zoology, Sede Boqer, Israel, 1-2 October, 1985, Israel J. Zool. Vol. 33, 1984/85( p. 121).

9. M. Agami, Y. Waisel. The life form of *Najas marina* L.: Is it an annual plant? Abstracts of papers presented at the annual Meeting of the Israel Society of Botany, The Technion Haifa, Israel. 9 May 1985, Israel J. Bot., Vol. 35, 1986(p. 59).

10. M. Agami. The establishment, growth, phenology and longevity of two species of *Helianthemum* in the Negev desert highlands, Israel. Proceedings of the Israel Society of Botany, Rehovot, Israel, 1 May, 1986.

11. M. Agami, J. Friedman. Changes in populations of perennial plants in the Negev Desert, after a period of 17 years (1967-1984). Proceedings of the 4th Int. Congress of Ecology. Syracuse, NY, U.S.A., 10-16 August, 1986(p.74).

12. Y. Waisel, A. Eshel, M. Agami. Salt recreation: What is its physiological significance? Proceedings of the Federation of European Societies of Plant Physiology (FESPP). Hamburg, Federal Republic of Germany, 31st August - 4th September, 1986(p. 17/21).

13. M. Agami, Y. Waisel. The role of fish in distribution and germination of seeds of the submerged macorphytes *Najas marina* L. and *Ruppia maritima* L. 27th Annual Meeting of the Aquatic Plant Management Society, Savannah, GA, U.S.A., 12-15 July, 1987.

14. J. J. Oertli, H. Lips, M. Agami. The resistance of sclererophyllous cells to collapse during periods of negative turgor pressure. Proceedings of the 14th International Botanical Congress, Berlin, 24th July to 1st August, 1987, Vol. 17, (p. 414).

15. Y. Waisel, A. Eshel, M. Agami. Human inteference and vegetation changes in historical times. Proceedings of the 14th International Botanical Congress, Berlin, 24th July to 1st August, 1987, Vol. 17, (p. 348).

16. I. Noy-Meir, M. Agami. Characterization of habitats at sampling points. In: The Biological Structure of Native Populations of Wild Emmer Wheat (*Triticum turgidum* var. *dicoccoides*) in Israel. (Y. Anikster - Head of Program), Final report (May, 1984 - May, 1987), submitted to the USDA, 1988(pp. 14-19).

17. S. Kopper, M. Agami. Development of Wild emmer plants in 3 habitats of the study site in a year of drought. In: The Biological Structure of Native Populations of Wild Emmer Wheat (*Triticum turgidum* var. *dicoccoides*) in Israel. (Y. Anikster - Head of Program), Final report (May, 1984 - May, 1987), submitted to the USDA, 1988(pp. 23-24).

18. M. Agami. Inter-relationships among some aquatic plants. Soil Science Department Seminar, University of Florida, Gainesville, FL, U.S.A. Aquaphyte (Spring 1988), Vol. 8, p. 4.

19. K.R. Reddy, M. Agami. Effect of N, P or K in the culture medium on the biomass and the nutrient uptake and storage of *Eichorinia crassipes*. Proceedings of the 28th annual Meeting of the Aquatic Plant Management Society, New Orleans, U.S.A., 10-13 July, 1988(p. 8).

20. M. Agami, K. R. Reddy. Inter-relationships between *Eichhornia crassipes*, *Pistia stratiotes* and *Hydrocotyle umbellata* during various interaction stages. Proceeding of the International Symposium on Physiological Ecology of Aquatic Plants, Aarhus, Denmark, 29th August to 2nd September, 1988.

21. M Agami, K.R. Reddy. Inter-relationships among some free floating aquatic macrophytes. 12th Annual Meeting of the Florida Aquatic Management Society. Daytona Beach, FL, U.S.A., 25-27 Ocotober, 1988.

22. M. Agami, K. R. Reddy, D. A. Graetz. Phosphorus dynamics in two wetland/ stream systems of the Taylor Creek-Nubbins Slough/Kissimmee River Basin: II. Seasonal variation in nutrient storage/release by aquatic macrophytes. The Tenth Annual Meeting of the Society of Wetland Scientists, Orlando, FL, U.S.A. May 30 - June 2, 1989(p. 35).

23. S. Ezrati, M. Agami, J. Friedman. Long-term responses to perennials exclusion in an *Artemisietum herbae-albae* association, in the Negev Desert, Israel. The Fourth International Conference on Environmental Quality and Ecosystem Stability, Jerusalem, Israel, 4-8 June, 1989.

24. M. Agami, K. R. Reddy, D. A. Graetz, L. J. Scinto. Decomposition of detrital plant tissue in two wetland/stream systems of the Taylor Creek/Nubbins Slough and Kissimmee River Basin. Annual Meetings of the American Society of Agronomy - Crop Science Society of America - Soil Science Society of America, Las Vegas, Nevada, U.S.A., 15-20 Ocotober, 1989.

25. M. Agami, K. R. Reddy, D.A. Graetz. Phosphorus storage/release capacity of aquatic macrophytes in streams and associated wetlands. Final Report, submitted to South Florida Water Management District, 1989(54 pp.).

26. M. Agami, Y. Waisel. The role of mallard ducks and fish in germination and distribution of seeds of the submerged macrophytes *Najas marina* L. and *Ruppia maritima* L. Proceeding of the International Symposium on Environmental Influences on Seeds and Germination Mechanism - Recent Advances in Research and Technology, Jodhpur, India, 27-29 January, 1990(pp. 3-5).

27. M. Agami. Changes in the flora of the eastern section of the Yarkon River during the last 20 years. Proceeding of the 21st Scientific Conference, Israel Ecological Society, Beer Sheva, Israel, 18-19 June, 1990(p. IX-4).

28. M. Agami, K.R. Reddy, D.A. Graetz, L.J. Scinto. Phosphorus and nitrogen storage/release capacity of aquatic macrophytes in two wetland/stream systems of the Taylor Creek/Nubbins Slough and Kissimmee River Basin, Florida. Proc. 8th Int. Symp. of Aquat. Weeds, Uppsala, Sweden, 13-17 August, 1990(pp. 1-2).

29. M. Agami, M. Walczak. Germination, growth and development of two *Nymphaea* species conserved at the Botanic Gardens of Tel Aviv University. Proceeding of the 32nd Annual Meeting and International Symposium on the Biology and Management of Aquatic Plants. Daytona Beach, FL, U.S.A. 12-16 July, 1992(pp.28-29).

30. M. Walczak, M. Agami. Reproductive biology of two *Nymphaea* species (*N. alba* and *N. caerulea*) threatened with extinction in Israel. Proceeding of the 3rd International Botanic Gardens Conservation Congress, Rio de Janeiro, Brasil, 19-25 October, 1992.

31. K.R. Reddy, O.A. Dias, M. Agami, L.J. Scinto, L. LaClaire. Phosphorus dynamics in selected wetlands/stream systems of South Florida. Final Report submitted to the South Florida Water Management District, West Palm Beach, Florida, 1992.

32. A. Singer, A. Eshel, M. Agami, S. Beer. The importance of aerenchymal CO2 for photosynthesis in *Scirpus lacustris* and *Cyperus papyrus* stems during emergence and submergence. Proceeding of the 9th International Symposium on Aquatic Weeds. Dublin, Ireland, 12-16 September, 1994 (pp. 50-51).

33. M. Green, I. Safray, M. Agami. Constructed wetlands for river reclamation - experimental design and Start-up. Proceeding of the International Specialized Conference on Wetlands for Wastewater Treatment. Guangzhou, China, November, 1994.

34. H. Klingbiell, M. Agami, Y. Waisel. Ecotypic differentiation in *Butomus umbellatus* L. Proceedings of the Israel Society of Botany, Haifa, Israel, 2 March, 1995.

35. Y. Waisel, M. Agami, A. Eshel. Competition between *Najas marina* L. and *Myriophyllum spicatum* L. Proceedings of the Israel Society of Botany, Haifa, Israel, 2 March, 1995.

36. M. Brumer, N. Narkis, M. Agami. Uptake of Fenols from sewage by floating water plants. Proceedings of the Scientific Conference, Ecological Society, Tel-Aviv, Israel, June, 1995.

37. J. Kronfeld, E. Ne’eman, V. Butenko, D.I. Godfrey-Smith, A. Yaniv, H. Koral, M. Agami, V. Yanco. Tracing patterns of sedimentation in Haifa Bay and Iskenderun Bay using radiocesium. Abstracts of papers presented at the annual Meeting of the Israel Geological Society, Kefar Gilaadi, Israel. 15-17 April 1997, Israel Geological Society, 1997(p. 64).

38. J. Kronfeld, T. Minster, S. Ilani, E. Ovadia, M. Agami, A. Yaniv, G. Weinberger, J. Penciner. Salinity and radioactivity in the Nizzana-1 water well. Abstracts of papers presented at the annual Meeting of the Israel Geological Society, Mitzpe Ramon, Israel. 22-24 March 1998, Israel Geological Society, 1998(p. 58).

39. M. Agami, A. Morad, Y. Waisel. The changes of the water quality at the Yarkon River and their effects on the aquatic plants. Proceedings of the Israel Society of Plant Sciences, Rehovot, Israel, 23 February, 1999(p. 45).

40. E. Ne’eman, A. Yaniv, N. Lavi, V. Rogojin, M. Agami, S. Ilani, A. Flexer, J. Penciner, J. Kronfeld. Radiocesium in the soiles of Israel and nearby regions. Abstracts of papers presented at the annual Meeting of the Israel Geological Society, Dead Sea, Israel. 8-10 March 1999, Israel Geological Society, 1999(p. 61).

41. V. Rogojin, J. Kronfeld, I. Carmi, A. Yaniv, M. Agami, J. Penciner. Radon as an indicator of porosity in the Judean Group aquifer. Abstracts of papers presented at the annual Meeting of the Israel Geological Society, Ma’alot, Israel. 3-5 April 2000, Israel Geological Society, 2000(p. 107).

42. V. Rogojin, J. Kronfeld, I. Carmi, A. Yaniv, M. Agami, J. Penciner. The isotopic development of nitrogen in the nitrate Galil's ground water during the Holocene. . Abstracts of papers presented at the annual Meeting of the Israel Water Resources Society, Dead Sea, Israel. 16-17 May 2001, Israel Water Resources Society, 2001.

43. D. Avisar, M. Agami, J. Penciner, A. Yaniv, M. Zilberfarb, J. Kronfeld. Monitoring the nitrate source of the sewage pollution in the Judean Group aquifer. Proceedings of the Israel Water Resources Society, Kefar Gilaadi, Israel. 8-9 May 2002, Israel Water Resources Society, 2002(pp.1-4).

44. N. Ran, M. Agami, G. Oron. A pilot study of Constructed Wetlands using duckweed (*Lemna gibba L.*) for treatment of domestic primary effluents in Israel. Lecture presented at "Caress 2003", Weizmann Institute, 11 June, 2003.

45. R. Hadas, M. Agami, A. Horovitz. Managing passport data associated with seed collections: increasing potential for conservation and use of CWR in Israel. Proceedings of the First International Conference on Crop Wild Relative Conservation and Use, Sicily, Italy, 14-17 September 2005 (pp. 93).

46. S. Ezrati, M. Millet, J. Manisterski, P. Ben-Yehuda, M. Agami, Y. Anikster. Molecular and phytopathological characterization of natural populations of *Aegilops sharonensis* in Israel. Proceedings of the First International Conference on Crop Wild Relative Conservation and Use, Sicily, Italy, 14-17 September 2005 (pp. 109).

47. M. Agami, Y. Waisel. The role of mallard ducks and fish in germination and distribution of seeds of the submerged macrophytes *Najas* *marina* L. and *Ruppia* *maritima* L. Proceedings of Robson Meeting, St. Ives, UK, 14-15 February 2011(p 16).

48. M. Agami, A. Neori, K. R. Reddy. Synergism between *Eichhornia crassipes* (Mart.) Solms and *Hydrocotyle umbellata* L. in outdoor ponds. Proceedings of Robson Meeting, St. Ives, UK, 28-29 February 2012 (p.22).

49.M. Agami, A. Neori, K. R. Reddy. Interrelationships between *Eichhornia crassipes* (Mart.) Solms and *Pistia stratiotes* L. in outdoor tanks in nutrient-enriched water. Proceedings of AQUA 2012, Prague, Czech Republic,1-5 September 2012 (p.44).

50. M. Agami, A. Neori, K. R. Reddy. Interrelationships between *Eichhornia crassipes* (Mart.) Solms and *Pistia stratiotes* L. in outdoor tanks in nutrient-enriched water. Proceedings of Robson Meeting, St. Ives, UK, 7-8 March 2013 (p.26).

51. M. Agami, D. Porath, A. Neori. An alternative approach to study the avoidance of duckweed (*Lemna gibba* L. – *L. minor* L. complex) from arid zones. Proceedings of Robson Meeting, Reading, UK, 8-9 April 2014 (p.24).

**F. OTHER PUBLICATIONS** (in Hebrew)

1. M. Agami. Effects of water pollution on the flora and vegetation of the Alexander and Yarkon rivers. Teva va-Aretz, (in Hebrew), Vol. 15, 1973(pp. 242-247).

2. M. Litav, M. Agami. *Quercus boissieri* Rent of the Judean Mountains. Teva va-Aretz, (in Hebrew), Vol. 15, 1973(pp. 94-97).

3. M. Agami. Victims of pollution and development. Teva va-Aretz, (in Hebrew),Vol. 18, 1976(pp. 60-62).

4. M. Agami. The extinction of *Nymphaea caerulea* Sav. Teva va-Aretz, (in Hebrew), Vol. 20,1978(pp. 68-70).

5. M. Agami, N. Yehieli, Z. Alkalai. Amal river fights for survival. Teva va-Aretz, (in Hebrew), Vol. 20, 1978(pp. 204-210).

6. M. Agami. Ecophysiology of *Najas marina* L. in Israel. Rotem, (in Hebrew), Vol. 12, 1984(pp. 33-47).

7. M. Agami. *Helianthemum ventosum* Boiss. Gan Vanof, (in Hebrew), Vol 42, 1987(pp. 186-187).

8. M. Agami. *Zygophyllum dumosum* Boiss. Gan Vanof. , (in Hebrew), Vol. 42, 1987(pp. 329-330).

9. M. Agami. *Helianthemum vesicarium* Boiss. Gan Vanof, (in Hebrew), Vol. 42, 1987(pp. 346-348).

10. M. Agami: Why the Yarkon River has not been yet a main national park? Teva va-Aretz, (in Hebrew), Vol. 33, 1991(pp. 33-35).

11. M. Agami. Along the path of the Black River (Kaligandaki) which is crossing the Himalaya. Teva Hadvarim, (in Hebrew), Vol. 2, 1994(pp. 58-89).

12. M. Agami. Burma - The country in which time has stopped running. Teva Hadvarim, (in Hebrew), Vol. 4, 1994(pp. 118-161).

13. M. Agami. The *Nymphaea caerulea* coming back to the Yarkon River. Teva Hadvarim, (in Hebrew), Vol. 4, 1994(pp. 162-165).

14. I. Marom, M. Agami. Autumn – The eighth wonder. Teva Hadvarim, (in Hebrew), Vol. 7, 1994-95(130-147).

15. M. Agami. Tropical rain forests. Teva Hadvarim, (in Hebrew), Vol. 9, 1995(pp. 62-93).

15. M. Agami. Seychelles Islands - The lost Garden of Eden. Teva Hadvarim, (in Hebrew), Vol. 11, 1995(pp. 4-43).

16. N. Levi, A. Rosenthal, M. Agami. The tree which is standing on its head. Teva Hadvarim, (in Hebrew), Vol. 79, 2002(pp. 92-107).

17. N. Ran, M. Agami, G. Oron. The use of Constructed Wetlands for complementary wastewater treatment by the duckweed plants (*Lemna gibba* L.) for reuse and river rehabilitation in Israel. Water Engineering, (in Hebrew), Vol.21, 2002(pp. 30-35).

18. Y. Zilberman, M. Agami (Scientific editor). **An analytical of wild flowers of Israel for kids and youths**. Modan Publishers, (in Hebrew), 2003(286p.).

19. N. Levi, M. Agami. Giants of the world – the Sequoias trees. Teva Hadvarim, (in Hebrew), Vol. 128, 2006(pp. 32-42).

20. N. Levi, M. Agami. The Mountain Gorillas in Bwindi Impenetrable National Park, Uganda. Teva Hadvarim, (in Hebrew), Vol. 143, 2007(pp. 86-95).

21. O. Agami, M. Agami. Grand Titon and Yellowstone – water, fire and smoke in Yellowstone Park. Teva Hadvarim, (in Hebrew), Vol. 177, 2010(pp. 94-106).

22. O. Agami, M. Agami. Falkland Islands. Teva Hadvarim, (in Hebrew), Vol. 199, 2012(pp. 76-84).

23. O. Agami, M. Agami. From Antarctica to Cape Horn. Teva Hadvarim, (in Hebrew), Vol. 203, 2012(pp. 88-100).

24. N. Levi, M. Agami. The Giant Tortoises of the Galapagos Islands. Teva Hadvarim, (in Hebrew), Vol. 217, 2013(pp. 94-106).

25. M. Agami. South Georgia Islands. Teva Hadvarim, (in Hebrew), Vol. 223, 2014(pp. 78-91).

26. O. Agami, M. Agami. Sailing Voyage from Papua-New Gini to Bougainville Island. Teva Hadvarim, (in Hebrew), Vol. 224, 2014(pp. 52-65).

27. O. Agami, M. Agami**.** Solomon Islands – from Choiseul to Guadalcanal. Teva Hadvarim, (in Hebrew), Vol. 231, 2015(pp. 94-107).