

REFERENCES

- ABUGROUN, N.A.M** (1988). Studies on the biology and population dynamics of mosquitoes of Khartoum. Ph.D., Department of Zoology, Faculty of Science, U.of K..336 pp.
- AKOOD, M.A.S** (1980). The use of serology and tests for dry and insecticides resistance in studying problems of malaria control in the Sudan. Ph.D. thesis. University of London. U.K.
- ALHUSSAINI, A.H., AND E.S. DEMIAN** (1962). Practical animal biology, Volume 11, fourteen edition. Darelmaaref
- ALIERO, B.L** (2003). Larvicidal effect of aqueous extracts of *Azadirachta indica* on the larvae of Anopheles mosquito. African J. biotechnology, 2 (9): 325-327.
- ALI, O.E** (1987). Larvicidal activity of some plant extracts against three mosquito species. M.Sc. thesis. U.of K..98 pp.
- ALMAGBOUL, Z.I.A** (1981). Monoterpenes and metabolic fate of epoxides. M.Sc. thesis, University of Khartoum.
- ANDREWS, F.W** (1958). The flowering plants of the Sudan. Published for the Sudan Government. T. Banck. LTD. Arbroath, Scotland. 220 pp.
- ANONYMOUS**, (1992). Neem : a tree for solving global problems. Report of an ADHOC. Panel of the Bord on Science and Technology for International Development, National Research Council. Washington, 1-39 pp.
- ANONYMOUS** (2000). Relevance of allelochemicals in disease control- Features. 1-6 pp.
- ANONYMOUS** (2005). Malathion for mosquito control. U.S Enviornmental Protection Agency.Septemper 27.
- ASCHER, K.R.S** (1993). Non conventional, insecicidal effects of pesticides from neem tree *Azadirachta indica*. Arch. Insect Biochem. Physiol. 22: 433-449.

- ASIMENGARD, E.J., AND M.J. MUTINGA** (1993). Effect of rice husbandry on mosquito breeding at Mwea rice irrigation scheme with reference to biocontrol strategies. *J. Am. Mos. Control Assoc.* 9: 17-22.
- BABIKER, H.A, et.al** (1991). Genetic diversity of *plasmodium falciparum* in a village in Eastern Sudan. *Transactions of the Royal Society of Tropical Medicine and Hygiene.*
- BAILEY, L.H.** (1961). *Manual of Cultivated Plants.* 6th edition, New York. MacMillan CO. 867 pp.
- BALKEW, M.; V., GEBRMICHAEL; AND A., HARILU** (2003). Insecticide susceptibility level of *Anopheles arabiensis* in two agrodevelopment localities in Eastern Ethiopia. *Parassitologia*, 45 (1): 1-3.
- BARBAZAN, P., et.al** (1998). Impact of treatment with B.s. on *Anopheles* populations and the transmission of malaria in Maroua, a large city in the savannah region of Cameroon. *J. Am. Mos. Control Assoc.*14: 33-39.
- BARNARD, D.R.** (1999). Repellency of essential oils to mosquitoes (Diptera: Culicidae). *J. Medical Entomology.* 36: 625-629.
- BARON, R.L.** (1991). Carbamate insecticides. In *Handbook of pesticide toxicology.* Hayes and Laws Eds. Academic press, New York, 3-6
- BATES, M.** (1949). *The natural history of mosquitoes.* Macmillan CO. New York. 378 pp.
- BATRA, C.P.; P.K., MITTAL; T., ADAK; AND V.P., SHARMA** (1998). Efficacy of neem water emulsion against mosquito immatures. *Indian Journal of Malariology*, 35: 15.
- BAUM, J.A.; T.B., JOHNSON; AND B.C., CARLTON** (1999). B.t.: Natural and recombinant bioinsecticide products. In: *Biopesticides use and delivery*, Hall and Menn Eds. Humana press, Totowa, 189-210.
- BECKER, N., AND J. MARGALIT** (1993). Use of *Bacillus thuringiensis israelensis* against mosquitoes and black flies. In *Bacillus thuringiensis and*

environmental biopesticide, theory and practices, John Wiley and Sons, United Kingdom, 147 pp.

BOWERS, W.S., AND R., NASHIDA (1980). Juvocimenes: potent juvenile hormone mimics from sweet basil. *Entomological science*, 209: 1030-1032.

BOWN, D. (1995). *Encyclopedia of herbs and their uses*. Dorling Kindersley press. London.

BROPHY, J.J., AND M.K. JOGIA (1986). Essential oil from Fijian *Ocimum basilicum*. *Flavour and Fragrance J.*, 1: 53-55.

BRYAN, J.H. (1983). *Anopheles gambiae* and *Anopheles melas* at brief at the Gambia and role in malaria transmission. *Annals of tropical Medicine and Parasitology*. 77, 1-12.

BURFIELD, T., & S.L. REEKIE (2005). Mosquitoes, malaria and essential oils. *International J. Aromatherapy*. 15 (1): 30-41.

BURGES, H.D. (1981). *Microbial control of pests and plant diseases*. Academic press. New York, Chap. 10-11.

BURGESS, L. AND W.O., HAUFE (1966). Stratification of some prairie and forest mosquitoes in lower air. *Mosquito News*. 20: 241-246.

CASIMINO, S.; M., COLARAO; J., HAMINGWAY; AND B., SHARP (2006). Insecticidal resistance in *Anopheles arabiensis* and *Anopheles gambiae* from Mozambique. *Journal of Medical Entomology*, 43 (2): 276-282.

CHAUHAN, B.R.S., AND J.P.S., BIST (1987). Plywood from Indian timbers *Azadirachta indica*. *Timber Dev. Assoc.*, 33 : 47-55.

CHOKECHAIJAROENPORN, O.; N., BUNYAPARA; AND S., KONGCHUENSIN (1994). Mosquito repellent activities of *Ocimum* volatiles oils. *Phytomedicine*. 1: 135-139.

CHOPRA, R.N.; D.N., ROY; AND S.M., GHOSTTO (1942). The insecticidal and larvicidal action of the essential oils of *Ocimum basilicum* and *Ocimum sanctum*. *J. Malaria Inst., India*, 4 (1): 109-112.

- CHRISTOPHERS, S.R.** (1960). *Aedes aegyptii* L. The yellow fever mosquito: Its life history, bionomics and structure. Cambridge University press. London.
- CLEMENTS, A.N.** (1963). The physiology of mosquitoes. Pergamon press LTD. Oxford.
- CLEMENTS, A.N.** (1992). The biology of mosquitoes. Chapman Vol.1, London. 509 pp.
- COBLEY, L.S.** (1956). An introduction to the botany of tropical crops. 4th edition, Western printing services LTD., Bristol, 336-337pp.
- COBLEY, L.S., AND W.M., STEEL** (1976). An introduction to the botany of tropical crops. 2nd edition. Long man group LTD., London, 330 pp.
- CORBET, S.A., et.al** (1995). Surfactant enhanced essential oils as a mosquito larvicides. *Entomologia Experimentalis et Applicata*, 75 (3): 229-236.
- CURTIS, C.F.** (1996). Control of malaria vectors in Africa and Asia. London School of Hygiene and Tropical Medicine. U.K.
- DAKSHINAMURTHY, A.** (1988). Effect of certain plant products on storage pests of paddy fruit. *Tropical Science*, 28 (1): 119-122.
- DALZEIL, J.M.** (1937). The useful plants of west tropical Africa. The crown agent for colonies 4, Millbark, Westminster, London, 72-75 pp.
- DAS, P.K., AND D.D., AMALIAJ** (1997). Biological control of malarial vectors. *Indian J. Med. Res.* 106: 174-197.
- DESHPANDAE, R.S., AND H.P. TIPNIS** (1977). Insecticidal activity of *Ocimum basilicum* L. *Pesticides science*, 11 (5): 11-12.
- DHER, R.; H., DAWAR; S.S., GARG; F., BASIR; AND G.P. TALWAR** (1996). Effect of volatiles from neem oil and other natural products on gonotrophic cycle and oviposition of *Anopheles stephensi* and *Anopheles culicifacies*. *Journal of Medical Entomology*, 33: 257-259.
- DOMINIC, A., et al.** (2000). Efficacy of aqueous suspension and granular formulations of *Bacillus thuringiensis* (Vactobac) against mosquito vectors. *Acta Tropica*, 75 (2): 243-246.

- DUKE, J.A.** (1983). The gene revolution: in office of technology assement, innovative biological technologies for lesser developed countries.USGPO, Washington. Paper 1, 89-150.
- DUKE, J.A. AND K.K. WAIN** (1981). Medicinal plants of the World. Computer Index with more than 85.000 entries. 3 volumes.
- DUKEEN, M.Y.H.** (1981). Ecology of *Anopheles arabiensis* pattorn. in Northern Sudan. M.Sc. thesis. U.of K. 184 pp.
- ELRAYAH, E.A.** (1976). Some aspects of the biology of *Anopheles gambiae* Giles. and *Anopheles phoroensis* Theo. in the Gezira area of the Sudan, with special reference to insect predators. Ph.d. thesis. U. of K. 203 pp.
- ELSIDDIG, I.F.** (1998). Effect of different neem preparations on *Microtermes thoracalis* Sjost. (Isoptera: termitidae) infesting *Arachis hypogaea* L. MSc. Thesis. Sinnar university, 79 pp.
- ENCKE, F.; G., BUCHHEIM; and S., SEYBOLD** (1984). In ZANDER, R (Ed.) Handwörterbuch der pflanzennamen. Eugen Ulmer, Stuttgart, Germany, 844 pp.
- EUSSA, N.; J., MOUCHST; F., RIVIERE; AND W., MOUNIER** (1994). Susceptibility of *Anopheles gambiae* to insecticides in the Ivory Coast. Sante, 4 (2): 95-99.
- FEITELSON, J.S.; J., PAYNE; AND L., KIM** (1992). *Bacillus thuringiensis* : insect and beyond. Biotechnology, 10: 271-275.
- FEVERHAKE, K.J.** (1984). Effectiveness and selectivity of technical solvents for the extraction of neem seed components with insecticidal activity. International neem conference, 103-114.
- FILLINGER, U.; B.G., KNOLS; AND N., BECKER** (2003). Efficacy and efficiency of new *Bacillus thuringiensis* var. *israelensis* and *Bacillus sphaericus* formulations against Afrotropical anophelines in western Kenya. Tropical Medical International Health, 8 (1): 37-47.

- FILLINGER, U., AND S.W., LINDSAY** (2006). Suppression of exposure to malaria vectors by an order of magnitude using microbial larvicides in rural Kenya. *Tropical Medical International Health*, 11 (11): 1629-1642.
- FINNEY, D.J.** (1971). Probit analysis. Cambridge University Press.
- FLOORE, T.** (2000). Mosquito informations. American Mosquito Control Association, USA.
- FRUTOS, R.; C., RANG; AND M., ROYER** (1999). Managing insect resistance to plants producing B.t. toxins. *Critical reviews in biotechnology*, 19: 227-276.
- GEORGR, M.A.** (1990). Washing soap from neem oils. *Khadigramodyog-India*. pp. 105-109.
- GILDEMEISTER, E., AND F. HOFMANN** (1961). *Die Aetherischen Oele* Vol. 7, 5th edi., Akademische Verlag, Berlin, Germany. 478-516 pp.
- GILLES, H.M. & D.A. WARRELL** (1993). *Essential malariology*. Third Edition, London, 340 pp.
- GILL, S.S.; E.A., COWLES; AND P.V., PIETRANTOMO** (1992). The mode of action of B.t. endotoxins. *Annu. Rev. Entomol.* 37: 615-636.
- GOMA, L.K.H.** (1959). Periodic pupation in *Anopheles gambiae* Giles. *Journal of Entomological and Social Science Affairs*. 22: 257-276.
- GOVERE, D.; N., DURRHEIM; L., BABEKR; R., HUNT; AND I., COETZEE** (2000). Efficacy of three insect repellents against the malaria vectors *Anopheles arabiensis*. *Medical and Veterinary Entomology*, 14: 441-444.
- GRAY, A.J.; T.A., CONNORS; AND J., RICKARD** (1980). Mammalian toxicity of the pyrethroids. Littaner (Eds.) "Neurotransmitters and their receptors" New York, 565-568.
- GRUNEWALD, j.; C., BOSCHITZ; AND E. CLAUDIA** (1992). Possibilities of vector control. Proceeding of the first workshop on the use and production of neem ingredients., Wetzlar, Germany, 91-93.

- GUBARA, A.F.A.** (1983). A comparative study on the insecticidal potentialities of neem *Azadirachta indica* and rehan *Ocimum spp.* MSc. Thesis. U. of K.
- GUENTHER, E.** (1961). The essential oils. Van Nostrand Company, 433 pp.
- GUPTA, K.C., AND R. WISWANATHAN** (1956). Anti-tuberculous substances from plants. *Antibiotics Chemotherapy*. 6: 194-205.
- HALLENBECK, W.H., AND K.M., CUNNINGHAM** (1985). Pesticides and Human Health. Springer-verlag, New York, 3-47.
- HAMINGWAY, J.** (1983). Biochemical studies on malathion resistance in *Anopheles arabiensis* from Sudan. *Trans. R. Society of Tropical and Medical Hygiene*, 77 (4): 477-480.
- HANIF, G.; T., CHAUDHRY; M., FAROOG; AND J., RAHMATULLAH** (1988). Preliminary studies on antitermetic properties of common woods of Pakistan and their extractives. *Pakistan Journal of Forestry*, 38: (3) 167-173.
- HARGREAVES, K., et al.** (2003). *Anopheles arabiensis* and *Anopheles quadriannulatus* resistance to DDT in South Africa. *Medical and Veterinary Entomology*, 17 (4): 417-422.
- HARIDI, A.M.** (1972). Partial exophily of *Anopheles gambiae* species(B), in Kashm Elgirba area- eastern Sudan. *WHO Bulletin*, 47: 39-46.
- HARFALL, W.R.** (1955). Mosquitoes: their bionomics and relation to diseases. London Constable and CO. LTD. 342 pp.
- HARTZELL, A., AND F. WILCIXON** (1941). A survey of plant products for insecticide properties. *Contr, Boyce. Thomson Inst.*, 12: 127-141.
- HARWOOD, F.R, AND T.M., JAMES** (1969). Entomolgy in human and animal health. 7th edition. Macmillan publishing CO., 548 pp.
- HASSAN, M.** (1988). Screening of the potential active chemical control agents extracted from *Ocimum basilicum* L. (rehan) on selected crop pests. MSc. Thesis, U. of K.

- HIMEDAN, Y.E.** (2000). Studies on the biological and behavior of the mosquito (*Anopheles arabiensis* Patton.) (Diptera: Culicidae) in Eastern Sudan. Msc. Thesis.
- HIMEDAN, Y.E.; M.M., DAKEEN;A., ELRAYAH; AND S., ADAM** (2004). *Anopheles arabiensis*: abundance and insecticide resistance in irrigated area of eastern Sudan. East Mediterranean Health Journal, 10 (1-2): 167-174.
- HOFTE, H., AND H.R., WHITELY** (1989). Insecticidal crystal proteins of B.t. Microbial Rev. 53: 242-255.
- IBRAHIM, I.K.A.; W.I., SHAHDA; AND O.I, DAWOOD.** (1998). Reaction of egg plant and papper cultivars to *Meloidogyne arenaria* and its biological control on egg plant. Alexandria Journal of Agric. Research, 43: (3) 151-157.
- JACOBSON, M.** (Eds.) (1989). Focus on phytochemical pesticides vol.1, The neem tree. CRC press, BocaRaton, 178 pp.
- JAIN, S.R., AND M.L., JAIN** (1973). Investigation on the essential oil of *Ocimum basilicum*. Planta Med. 24 (3): 286-289.
- KABBASHI, I.B.M** (2005). Investigation and criticism into the Abbott' s formula. AlbuHuth- Sudan Journal of Scientific Research, Volume (8) NO. 2, 102-111.
- KAMAU, L., AND J.M., VULULE** (2006). Status of insecticidal susceptibility in *Anopheles arabiensis* from Mwea rice irrigation scheme, central Kenya. Malaria Journal, 5: 46-49.
- KARCH, S.; Z.A., MANZAMBI; AND J.J., SALAUN** (1991). Field trials with Vectolex^R (B.s) and Vectobac^R (Bt.i H-4) against *Anopheles gambiae* and *Culex quinquefasciatus* breeding in Zaire. J. Am. Mos. Control Assoc., 7: 176-179.
- KARCH, S.; N., ASIDI; Z.M., MANZAMBI; AND J.J., SALAUN** (1992). Efficacy of B.s. against the malaria vector *Anopheles gambiae* and other mosquitoes in swamps and rice fields in Zaire. J. Am. Mos. Control Assoc. 8: 376-380.

- KELANY, I. M.** (2001). Plant extracts and utilization of their products for safe agricultural production and for reducing environmental pollution. Proceedings of the workshop on practice oriented results on use of plant extracts and pheromones in integrated and biological pest control, Cairo, Egypt.
- KETKAR, C.M.** (1976). Utilization of neem *Azadirachta indica* and its by-products. Final technical report directorate of non edible oils and soap industry. Khadi and village industries commission, Bombay, India, 234 pp.
- KETKAR, C.M., AND M.S. KETKAR** (1992). Different uses of neem. Proceedings of the 2nd workshop on “practice oriented results on use and production of neem ingredients and pheromones”. Trifolio M GmbH, 1-12.
- KHAN, M.F., AND S.M., AHMED** (2000). Toxicity of crude neem leaf extract against housefly *Musca domestica* L. adult as compared with DDVP, Dichlorvis. Turk. J. Zool., 4: 219-233.
- KIDD, H., AND D.R. JAMES** (1991). The Agrochemicals Handbook, Third Edition, Royal society of chemistry, information service Cambridge, U.K., 3-11.
- KLEEBOURG, H.** (1992). The neem Azal conception: test of systemic activity, Kleeberg (Eds) “Practice oriented results on use and production of neem ingredients”. Proceeding of the 1st workshop, Wetzler, 5-16.
- KLOCKE, J.A.; M.V., DARLINGTON; AND M.F., BALANDRIN** (1987). 1,8-cineole (eucalyptol), a mosquito feeding and ovipositional repellent from volatile oil of *Hemizania fitchii* (Asteraceae). Journal of Chemical Ecology, 13 (12): 2131-2141.
- KOUL, O.; M.B. ISMAN; AND C.M. KETKAR** (1990). Properties and uses of neem *Azadirachta indica*. Can. J. Bot. 68: 1-11.
- KRAMER, W.L. & M.S., MULLA** (1979). Oviposition attractants and repellents of Mosquitoes: oviposition responses of *Culex* mosquitoes to organic infusions. Environ. Ent. 8: 1111-1117.

- KRISTAN, M., et al.** (2003). Pyrethroid resistance/ susceptibility and differential urban/rural distribution of *Anopheles arabiensis* and *Anopheles gambiae* s.s. malaria vectors in Nigeria and Ghana. *Med. Vet. Entomology*, 17: 326-332.
- KROGER, A.; O., HORSTICK; C. RIEDL; A., KAISER; AND N., BECKER** (1995). The potential for malaria control with the biological larvicide (B.t.i) in Peru and Ecuador. *Acta. Tropica*, 60: 47-57.
- KUMAR, A., et al** (1994). Malaria control utilizing B.s. against *Anopheles stephensi* in Panaji, Goa, India. *J. Am. Mos. Control Assoc.* 10: 534-539.
- KUMAR, A.; V.P., SHARMA; P.K., SUMODAN; AND D. THAVASELVAM** (1995). Control of *Anopheles stephensi* breeding in construction sites of abandoned overhead tanks with *Bacillus thuringiensis israelensis*. *J. American Mosquito Control Association*, 11: 86-89.
- KUMER, A., AND G.P., DUTA** (1987). Indigenous plant oils as larvicidal agent against *Anopheles stephensi* mosquitoes. *Current Science –India*, 56 (18): 959-960.
- LACEY, L.A., AND C.M., LACEY** (1990). The medical importance of rice land mosquitoes and their control using alternatives to chemical insecticides. *J. Am. Mos. Control Assoc.* 6: 1-93.
- LEAHEY, J.P.** (1985). The pyrethroid insecticide. Francis L.T.D, London, pp. 440.
- LEONARD, J. & EHERMAN** (1970). The potentials of pesticides from plants. Dryx press, Arizona, 431 pp.
- LINES, J.D.** (1988). Do agricultural insecticide select for insecticide resistance in mosquitoes. *Parasitology Today*, 4: 517-520.
- LITTLE, E.L.JR.** (1983). Common fuel wood crops. Handbook for their identification. McClain printing Co., Parsons.
- MABASO, M.L.; B., SHARP; AND C., LENGELER** (2004). Historical review of malarial control in southern Africa with emphasis on the use of indoor residual house spraying. *Tropical Med. Int. Health*, 9: 846-856.

- MAHAMOUD, A.A.** (2003). Studies in the insecticidal properties of *Eucalyptus camaldulensis* Dehn. (cafure) against some insect pests. MSc. Thesis University of Khartoum.
- MAHARAJ, A.; D.J., MTHEMBU; AND B.L., SHARP** (2005). Impact of DDT re-introduction on malaria transmission in Kwazulu, Natal. South Africa Medical Journal, 95 (11): 871-874.
- MALAKA, S.L.O.** (1972). Some measures applied in the control of termites in parts of Nigeria. Nigerian Entomologist Magazine, 2: 137-141.
- MANSOUR, F.; U. RAVID; AND E. PUTIEVKY** (1986). Studies of the effect of essential oils isolated from 14 species of Labiatae on the carmine spider mites (*Tetranychus cinabarinus*).Phytoparasitica, 14 (2): 137-142.
- MANSOUR, M.H., AND H.A. SALEM** (2001). Efficiency of two neem formulations in controlling pallid scale *Insulaspis palidula* Green., infesting mango trees in Egypt.Workshop on “Practice oriented results on use of plant extracts and pheromones in integrated and biological pests control”. Cairo-Egypt, 39-40.
- MARIANI, E.D.; C.E., MARIANI; AND S.B.,LIPINSKY** (1981). Tropical eucalyptus In: Handbook of biosolar resources (resource materials), 2: 373-386.
- MITTAL, P.K.; T. ADAK; C.P., BATRA; AND V.P., SHARMA** (1993). Laboratory and field evaluation of spherix, a formulation of B.s. (B-101) to control breeding of *Anopheles stephensi* and *Culex quinquefasciatus*. Indian j. malarial. 30: 81-89.
- MITTAL, P.K.; T. ADAK; AND V.P., SHARMA** (1995). Bio-efficacy of six neem *Azadirachta indica* products against mosquito larvae. Pesticide Research Journal, 7: 35
- MOHAGIR, M.M.A.** (2000). Comarative study between neem *Azadirachta indica* seed kernels oil, and *Eucalyptus camaldulensis* leaves oil as insecticide against

the tree locust *Anacridium melanorhodon melanorhodon* Walker. MSc. Thesis, U.of K.

MONZON, R.B., et al. (1994). Larvicidal potential of five Philippines plants against *Aedes aegyptii* L. and *Culex quinquefasciatus* Say. Southeast Asian Journal of Tropical and Medical Helath, 25: 755.

MOORE, S.A.; A., LENGLET; AND N., HILL (2003). Field evaluation of three plant based insect repellents against malaria vectors in Province of the Bollivian Amazon. Journal of American Mosquito Control Association, 9: 202-215

MOUDEHIROU, M., et al. (1999). Chemical composition of essential oils of eucalyptus from Benin : (*E. citriodora* and *E. camaldulensis*). Influence of location, harvest time, storage of plant and time of steam distillation. J. Essential Oil Research, 11 (1): 109-118.

MULLA, M.S. (1999). Activity and biological effects of neem products against arthropods of medical and veterinary importance. J. Americ. Mosq. Control Assoc., 15 (2): 133-152.

MUSTAPHA, S. (1990). Naturally parasitizing mosquitoes of Khartoum as possible larviciding agents. Ph.D. Thesis U.of K.

NAGPAL, B.N.; A., SRIVASTAVA; AND V.P., SHARMA (1995). Control of mosquito preeding using wood scrappings treated with neem oil. Indian Journal of Malariology, 32: 64.

NAGPAL, B.N.; A., SRIVASTAVA; AND V.P., SHARMA (2001). Repellent action of neem cream against *Anopheles culicifacies* and *Culex quinquefasciatus*. Society of Tropical and Medical Hygiene, 87: 626.

NUGUD, A.D.; R.A., ELTAYEB; AND O.M. ABDELNOUR (1977). Vectors of malaria in the Sudan. National Health Laboratory. Minstry of health, 4-5

OMER, S.M. (1968). Studies on the dry season biology of *Anopheles gambiae* (B). MSc. Thesis U.of K.

- ORDUZ, S.; N., RESTREPO; M.M., PATINO; AND W., ROJAS** (1995). Transfer of toxin genes to alternate bacterial host for mosquito control. Mem. Inst. Oswaldo Cruz, 90: 97-107.
- OSMAN, N.A.** (1986). Survey of some cereal grains and legumes for the presence of Aflatoxin in the Sudan . MSc. Thesis. University of Khartoum
- PAMPANA, F.J.** (1963). Text book of malaria eradication. Oxford University press, London. 593 pp.
- PALSSON, K., AND T.G.T., JAENSON** (1999). Plant products used as mosquito repellent in Guinea Bissau, West Africa. Acta. Tropica, 72 (1): 39-52.
- PANDEY, U.K; A., SRIVASTAVA; C., LEKHA; AND A., SINGH** (1983). Efficacy of certain plant extracts against brinjal aphid (*Aphis gossypii*) Glover. Indian J. Entomol., 45 (3): 313-314.
- PANDEY, K.P.S.; S., SINGTH** (1998). Evaluation of natural plant products as an insecticide against top borer *Scirpophaga excerptalis* Wik. in sugar cane. J. of Economic Entomology, 23: (1) 235-237.
- PENNINGTON, T.D. AND B.I., STYLES** (1975). A generic monograph of the Meliaceae. Blumea 22: 419-440.
- PORTER, A.G.; E.W., DAVIDSON; AND J.W., LIU** (1993). Mosuitocidal toxins of Bacilli, and other genetic manipulation for effective biological control of mosquitoes. Microbial Rev., 57 (4): 838-861.
- RADAVAIHAH, G., AND M. JAYARAMAIAH** (1987). Antifungal activity of some essential oil against the white muscardine fungus *Beavveria bassiana* Bals.
- RAJNIKANT, R., AND M., BHAT** (1994). Field evaluation of mosquito repellent action of neem oil. Indian J. of Malariology, 31: 122.
- RAO, D.R.; R., et al.** (1992). Evaluation of neem *Azadirachta indica* with and without water management for the control of culicine mosquito larvae in rice field. Medical and Veterinary Entomology, 6: 318.

- RAY, D.E.** (1991). Pesticides derived from plant and other organisms. In Handbook of pesticides toxicology. Eds. Hayes and Laws, Academic press, New York, 10-144.
- REWNI, R.; A., FLEISCHER; AND E., PUTIEVSKY** (1984). Fungistatic activity of essential oil from *Ocimum basilicum* Chemotypes. J. Phytopath., 110: 20-22.
- ROBINSON, T.** (1980). The organic constituents of higher plants. Cordus Press, New York, 347 pp.
- ROMI, R.; B., et al.** (1993). Field trials of B.t. H-14 and B.s. 2362 formulations against *Anopheles arabiensis* in the central high lands of Madagascar. J. Am. Mos. Control Assoc. 9: 325-329.
- ROZENDAD, J.A.** (1997). Vector control: methods for use by individuals and communities. WHO, Geneva.
- RUSKIN, F.R.** (1992). Neem: a tree for solving global problems. National Acad. Press, Washington, 254 pp.
- RUZO, L.O.; R.L., HOLMSTEAD; AND J.E., CASIDA** (1977). Pyrethroids photochemistry: Decamethrin. Journal of Agric. Food Chemistry, 25: 13-17.
- SAGAR, S.K., AND S.S. SEHGAL.** (1996). Effect of aqueous extracts of deoiled neem (*Azadirachta indica*) seed kernel and Karonja (*Pongamia globera*) seed kernel against *Culex quinquefasciatus*. Journal of community Dis. 28: 260-266.
- SANTOS, G.P.; H.T., PRATES; J.M., WAQUIL; AND A.B., OLIVERIA** (1997). Evaluation of plant origin substances on the control of stored product pests. Pesquisa-em-Andamento-Centro-Nacional-de-pesquisa-de-milho-esorgo.No.19: 8 pp.
- SCHMUTTERER, H.** (1990). Properties and potentials of natural pesticides from neem tree *Azadirachta indica*. Ann. Rev. Entomol. 35 : 271-297.
- SCHMUTTERER, H.** (1995). The Neem Tree. Weinheim-Germany. 696 pp.

- SCHRECK, C.E., AND B.A., LEONHARDT** (1991). Efficacy assessment of Quwenling, a mosquito repellent from china. Journal of American Mosquito Control association, 7: 433.
- SCHULZ, C.; J. KIENZLE; C.P.W., ZEBITZ** (1996). Effect of different neem Azal formulations on apple Aphids (*Aphis fabae* Scop.). on Kleeberg and Zebitz (Eds) "Practice oriented results on use and production of neem ingredients and pheromones", proceeding of the 5th workshop. Wetzlar, Germany. 81-92.
- SERVICE, M.W** (1980). Aguide to medical entomology. Macmillan, London, 226pp.
- SERVICE, M.W.** (1993). The Anopheles vector, in Essential Malariology- 2nd edition. Bath press, U.K. 96-123 pp.
- SEYOUM, A. et al.** (2002). Traditional use of mosquito repellent plants in western Kenya and their evaluation in semi-field experimental huts against *Anophele gambiae*: Ethnobotanical studies and application by thermal expulsion and direct burning. J. Tropical and Medical Hygeine, 96 (3): 225-231.
- SHAHADA, W.; I., DAWOOD; AND I., IBRAHIM** (1998). Fungal effect of certain plant extracts on egg hatching of *Meloidogyne spp.* Alexandria Journal of Agricultural Research, 43 (3): 159-166.
- SHARMA, S.K.; T.G., THAMAS; S.J., RAHMAN; AND K.K., DUTTA** (1996). Laboratory and field evaluation of oil of neem plant *Azadirachta indica* as a repellent against *Aedes aegypti* mosquito. Journal of Basic and Applied Biomedicine, 4: 35.
- SHARMA, S.K.; V.K., DUTTA; AND V.P., SHARMA** (1995). Field studies on the repellent action of neem oil. Southeast Asian Journal of Tropical and Medical Public Health, 26: 180.
- SHARMA, V.P.; M.A., ANSARY; AND R.K. RAZDAN** (1993). Mosquito repellent action of neem *Azadirachta indica* oil . Journalof American Mosquito Control Association, 9: 359.

- SHARMA, V.P., AND M.A., ANSARY** (1994). Personal protection from mosquitoes (Diptera:culicidae) by burning neem oil in kerosene. *Journal of medical Entomology*, 31: 505.
- SHARMA, U.** (1991). *Complementary medicine today., practisoners and patients.* Tavistock / Routledge, London-UK. 219-220 pp.
- SHIHLA, J.K., et al.** (2003). Efficacy of *Bacillus thuringiensis* and *Bacillus sphaericus* and temphos for managing Anopheles larvae in Eritrea. *J. American Mosquitoes Control Association*, 19 (3): 251-258.
- SIDDIG, A.S.** (1992). Use of neem. G.T.Z. project ISVFF, Khartoum-Sudan. Technical pamphlet No. 11/2000, 2 pages.
- SKOVMAND, O., AND E., SANOGO** (1999). Experimental formulations of B.s. and B.t.i. against *Culex quinquefasciatus* and *Anopheles gambiae* in Burkina faso. *J. Med. Entomo.* 36: 62-67.
- SKOVMAND, O., AND S., BAUDIN** (1997).Efficacy of a granular formulation of B.s. against *Culex quinquefasciatus* and *Anopheles gambiae* in West African countries. *J. Vector Ecology*, 22: 43-51.
- SPIEGEL, J.P, AND J.A., SHADDACK** (1990). Clearance of *Bacillus sphaericus* and *Bacillus thuringiensis israelensis* from mammals. *Economic Entomo.* 83:L 34755, 10-150.
- SRIVASTAVA, S.; K.C., GUPTA; AND A., AGRWAL** (1988). Effect of plant product on *Callosobruchus chinensis* L. infection on red gram *Cajanus cajana*. *Seed Research*, 16 (11): 98-101.
- STONE, A.; K.L., KNIGHT; AND H. STROCKE** (1959). *Asyryptic catalogue of the mosquitoes of the world (Diptera: culicidae).* Thomas-say foundation-Washington, Vol 6. 358 pp.
- SUKUMAR, K.; M.J., PERICH; AND L.R., BOOBAR** (1991). Botanical derivatives in mosquito control. *J. Americ.Mosq. control Assoc.*, 7: 210-213
- SURI, R.K., AND T.S., SIND** (1978). Antibacterial activities of some essential oil. *Indian Drugs Pharmacuticles.* 13 (6): 25-38.

- TAN, K.K., AND H.H., YAP** (1986). Comparative bioassays of residual insecticides (Cyfluthrin, DDT, fenitrothion, and malathion) against *Anopheles balabacensis* and *Aedes aegyptii*. *Tropical Biology and Medicine*, 3:167-171.
- TAWATSIN, A.; D.W., STEVE; AND R.R., SCOTT** (2001). Repellency of volatile oils from plant against three mosquito vectors. *J. Vector Ecology*, 26 (1): 76-82.
- TRIGG, J.K.** (1996). Evaluation of eucalyptus based repellent against *Anopheles spp.* In Tanzania. *Journal of American mosquito Control Association*, 12: 243.
- TUNC, I.; B.M., BERGER; F., ERLER; AND F., DAGLI** (2000). Ovicidal activity of essential oils from five plants against two stored product insects. *Journal of Stored Product Research*, 38 (2): 161-168.
- VAN FRANKENHYZEN, K.** (1993). The challenge of B.t. In: B.t. and environmental biopesticide, Theory and practice, Entwistle, Cory, Bailey, and Higgs Eds. John Wilgard Sons, U.K. 1-35.
- WALLIS, T.E.** (1960). Text book of Pharmacognacy, 4th edition, A and J. Charchill LTD., London, 472-552 pp.
- WATT, J.M., and M.G., BREYER** (1962). The medicinal and poisonous plants of southern and Eastern Africa. *Tropical Science*, 28 (2): 119-122.
- WHALON, M.E., AND W.H., MCGAUGHEY** (1998). B.t. use and resistance management. In: *Insecticides with novel modes of action: mechanisms and application*, Ishaaya and Degheele Eds. Springer, Berlin, 106-137.
- WHITE, G.B.** (1985). Malaria vectors. World Health Organization, Division of vector biology and control. WHO document, Geneva.
- W.H.O** (1969). Insecticidal resistance and vector control. Tenth report of World Health Organization, Expert committee on insecticides, No. 191, 98 pp.
- W.H.O** (1975). Instructions for determining the susceptibility or resistance of adult mosquitoes. World Health Organization, Geneva, VBC document, 75-589.

- W.H.O** (1979). Safe use of pesticides. Third report of the expert committee on vector biology and control, technical report No. 634, World Health Organization Geneva. 18-23.
- W.H.O** (1981). Instructions for determining the susceptibility or resistance of adult mosquitoes to organochlorine, organophosphste and carbamate insecticides.Diagnostic test. World Health Organization VBC/81.806.
- W.H.O.** (1986). Data sheets on pesticides, No. 21, DDT, World Health Organization, Geneva.
- W.H.O** (1989). DDT and its derivatives, enviornmental aspects. Enviornmental health. Criteria 83, World Health Organization, Geneva.
- W.H.O** (1992). Vector resistance to insecticides. 15th report of the WHO Expert Committee on vector biology and control. World Health Organization Tech Rep Ser, 818: 1-62.
- W.H.O.** (1999). Malaria Division –control of tropical Diseases. World Health Organization, Geneva.
- WORTHING, C.R., AND S.B., WALKER** (1983). The Pesticides Manual : a world compendium, 7th edition, British Crop Protection Council. 11240 pp.
- WORTHING, C.R.** (1987). The Pesticides Manual : a world compendium, 8th edition, British Crop Protection Council. 12347 pp.
- XUE, R., AND A., ALI** (2003). Laboratory evaluation of adulticidal activity of sixteen insect repellents in aerosols sprays against three mosquito species. American Mosquito Control Association, 19 (3): 271-274.
- YAMEOGO, T.R** (1997). Antibacterial activity of neem extract: determination of minimum active concentration against dermatological bacteria *Staphylococcus and Pseudomonas spp.* Proceedings of the 7th workshop on “Practice oriented result on use and production of neem ingredients and pheromones”. Wetzlar-Germany. 39-45.
- YANG, P., & Y. MA** (2005). Repellency effect of plant essential oils against *Aedes albopictus* . J. Vector Ecology, 30 (2): 231-234

- YARNELL, E., AND K., ABASCAL** (2005). Botanical prevention and treatment of malaria. *Altern. Comp. Ther.*, 277-284.
- ZARROUG, I.M.A.** (1984). Laboratory evaluation of plant extracts as larvicides. MSc. Thesis, U.of K.73 pp.
- ZEBITZ, C.P.W** (1986). Effects of three different neem seed extracts and azadirachtin on larvae of different mosquito species. *Z. angew. Ent.* 102: 455-463.
- ZEINELABDIN, A.M., AND G.B., SIRAGELNOUR** (1993). Behavioral and biological responses of *Epilachna elatarii* Ross. to neem. *Journal of Agric. Sci., Khartoum University*, 1: 97-113.