

VII- LITERATURE CITED

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Abbott , W.S. (1925) :

A method of computing the effectiveness of an insecticide.
J. Econ. Entomol., 18(2)pp. : 265 - 67 .

Abdallah. S. A.; and Salemen, A. E. (1977) :

Toxicological studies of Dursban and Cyolane against
Heliothis armigera .
The second Arab Pesticides conference . Fac. of Agric .,
Tanta Univ., September 26-29 Part I pp. : 97 - 106 .

Abdul-Khalik, T. M. (1992) :

Synergistic effects of some surfactants on certain insecti-
cides and IGRs against the mosquito, *Culex pipiens* L.
M.Sc.Thesis, Fac. of Sci. Ain Shams Univ. pp. : 108 - 113

Abo-EL-Naga , A. M.A. (1962) :

Histopathological studies on the effect of some new
insecticides on the honey bee *Apis mellifera* L.
M.Sc.Thesis, Fac. of Agric., Alexandria Univ. Egypt.

Alexander, B. H., Barker, R.J. and Babers, F.H. (1958) :

The phosphatase activity of susceptible and resistant
house files and German cockroaches .
J. Econ. Entomol; 51 (2)pp. : 211-213 .

Amin, A. M. and Hemingway, J. (1989) :

Preliminary investigation of the mechanisms of DDT and pyrethroid resistance in *Culex quinquefasciatus* (Say.) (Diptera : Culicidae)
Saudi Arabia . Bull. Ent. Res, 79 pp. : 361 - 66.

Anderson, W. A. and Ellis, R. A. (1967) :

A comparative electron microscope study of visceral muscle fibres in *Cambrus*, *Drosophila* , and *Lumbricus* . Z. Zellforsch, 79 pp. : 581 - 591.

Asperen, K. Van. (1960):

Toxic action of organophosphorus compounds and esterase inhibition in house flies.
Biochem. Pharmacol., 3 pp. : 136-46 .

Awad T. I. and Mulla, M.S. (1984) :

Morphogenetic and histopathological effects induced by the insect growth regulator cyromazine in *Musca domestica*
J. Med. Entomol., 21(4) pp. : 419 - 426 .

Baker, I.E.; Woo, S.M.; and Byrd , R. V. (1983) :

Ultrastructure features of the gut of *Sitophilus granarius* L. (Coleoptera : Curculionidae) with notes on distribution of protease and amylases in crop and midgut.
Can. J. Zool., Vol. , 62, pp. : 1251 - 1259 .

Billingsley, P.F. and Downe , A.E.R. (1983) :

Ultrastructure changes in posterior midgut cells associated with blood feeding in adult female, *Rhodnius prolixus* Stal. (Hemiptera : Reduviidae).

Can. J. Zool., Vol. 61, pp. 2577-2586.

Boissezon, P. de (1930) :

Contribution a' l'etude de la biologie et de L'histophysiologie de *Culex pipiens*.

Arch. Zool. Exp. Gen., 70 pp. : 281 - 431 .

Bourne , G. H. (1951) :

" Cytology and cell physiology "

Oxford University press , Oxford.

Bowen, I.D. (1984) :

Laboratory technique for demonstrating cell death .

In cell ageing and cell death, Eds. I. Davies and D. Sigeo, pp.: 1-35 Cambridge University press.

Bowen, I.D. and Ryder, T. A. (1976) :

Use of the P-nitrophenyl phosphate method for the demonstration of acid phosphatase during starvation and cell autolysis in the planarian *Polycelis tenuis* .

Histochem. J., 8 pp. : 319 - 329 .

Bowen, I.D.; Warril, N.A.; Winters, C.A. and Mullarkey, K. (1988) :

The use of backscattered electron imaging , X-ray microanalysis, and X-ray microscopy in demonstrating physiological cell death .

Scanning microscopy, Vol. 2, no., 3 pp. : 1453 - 1462.

Brown, A. W. A. (1957) :

The World Health Organization test kit for detection of resistance in mosquito larvae.

Mosquito News , Vol. 18, pp. : 128-131.

Brown, A. W. A. (1960) :

The challenge of insecticide resistance Ann. meeting Ent. Soci. Amer. at Atlantic City. pp. : 6-19.

Brown, A. W. A. and Tadano, T. (1965) :

Studies on insecticide resistance in *Culex pipiens fatigans* (Wied.) .

WLd. Hth. Org. Info. Circ. Insecticide resistance. Insect Behaviour and Vector Genetics Vol. 52 . pp. 4-5 .

Buei, K. (1975) :

The effect of pyrethroids to larvae and pupae of *Culex pipiens*.

Botyu-Kagaku, 40 pp. : 27-31 .

Butler , L. (1974) :

Comparative study of adjuvants for increasing mortality of malathion-treated black carpet beetles .

J. Econ. Entomol., 67 pp. : 571 - 573 .

Chadbourne, D. S. and Rainwater , C. T. (1953) :

Histological effects of calcium arsenate , DDT and Dieldrin on larval tissues of boll worm .

J. Econ. Entomol., 46, pp. : 44-48.

Chang , P. I. (1951) :

The action of DDT on the Golgi bodies in insects nervous tissues .

Ann. Entom. Soc. Ameri, 44, pp. : 311 - 326.

Chefurka, W. (1983) :

The effect of DDT and related insecticides on the mitochondrial ATPase of houseflies .

Comp. Biochem. Physiol., C. Vol. 74 C, no. 2, pp. : 259 - 266.

Chu, Y. C. and Cutkomp, L. K. (1971) :

The *in vitro* and *in vivo* inhibition of ATPase in American cockroaches by chlordane.

J. of Econ. Entomol., 64(2), pp. : 559 - 561.

Clark, J. M. and Matsumura, F. (1982) :

Two different types of inhibitory effects of pyrethroids on nerve Ca and Ca Mg ATPase activity in the squid, *Loligo pealei*.

Pesticide, Biochemistry and Physiology 18,pp. : 180 - 190.

Cutkomp, L.K.; Yap. H.H., Vea, E.V. and Koch, R.B. (1971) :

Inhibition of oligomycin sensitive (mitochondrial Mg^{++} ATPase by DDT and selected analogs in fish and insect tissue . life Science , 10(2), pp. : 1201 - 1209 .

Dary, C.C. and Cutkomp, L.K., (1984) :

Inhibitory probes of mitochondrial ATPase and the action of DDT.

Arch. Insect. Biochem. Physiol., Vol. 1, no. 3, pp. : 267-280.

Das, M.; Srivastava, S.P.; Khamre, J. S. and deshpane, L. B. (1986) :

Susceptibility of DDT, dieldrin, and malathion resistant *Anopheles culicifacies* populations to deltamethrin.

J. Amer. Mosq. Control. Asso., 2(4) pp. : 554 - 55.

Davis, P.W. and Wedemeyer, G. A. (1971) :

Na^{+} , K^{+} activated ATPase inhibition in Rain-bow Trout.: A site for organochlorine pesticide Toxicity.

Comp. Biochem. Physiol., 40B, pp. : 823 - 827 .

De-Duve, C. (1964) :

Lysosomes and cell injury . In. L. Thomas, J. W. Uhr. and L. Grant. (Eds.) . Injury inflammation and immunity. Baltimore, Williams and Wilkins.

Desaiah, D.; Cutkomp, L.K.; and Koch, R.B. (1974) :

A comparison of DDT and its Biodegradable analogues tested on ATPase enzyme in cockroach .

Pesticide Biochemistry and physiology, 4, pp. : 232-238 .

Dezulueta, J.; Chang, T.L.; Cullen, J.R. and Davidson, G. (1968) :

Recent observations on insecticide resistance in *Anopheles stephensi* liston.

Iraq Mosq. News, 28 (4), pp. : 499 - 503.

Dimitriadis, V.K.; and Kastritsis, C.D.(1983) :

Ultrastructural analysis of the midgut of *Drosophila auraria* larvae Morphological observations and their physiological implications.

Can. J. Zool., Vol. 62, pp. : 659 - 669.

El-Berry, A. H.H. (1964) :

Effect of some insecticides on the tissues of both spiny and pink boll worms during the course of their control .

M.Sc. Thesis. Fac. of Agric. Alexandria University.

El-Deeb, A.L. and Zeid, M.I. (1961) :

Histopatholical studies on the effect of some insecticides on various tissues of the larvae of the pink bollworm *P. gossypiella* (Saund.) .

Alexandria J. of Agric. Res., Vol. 9, pp. : 55-92 .

Feir, D. and Aykent, S. (1982) :

Effect of inhibitors on acid phosphatase activity in the haemolymph of the large milkweed bug, *Oncopeltus fasciatus* (Hemiptera : Lygaeidae) . Comp. Biochem. Physiol., B., Vol. 71, no. 4, pp. : 657 - 661 .

Gaaboub, I. A. (1973) :

Susceptibility status of larvae of *Anopheles (Myzomia) pharoensis* Theob. the principal malaria vector , in the surroundings of Alexandria city, Egypt, to DDT , Dieldrin and BHC .

Bull. Entomol , Soc. Egypt, Econ., Ser. 4, pp. : 175 - 163

Gaudecker, V. (1963) :

Formation of fat body reserves in *Dorsophila* larva : electron microscopy .

B. Z. Zellforsch., 61, pp. : 56 - 95 .

Georghiou, G. P. (1962) :

Carbamate insecticides : Toxic action of synergized carbamates against twelve resistant strains of housefly.

J. Econ. Entomol., 55, pp. : 768-772.

Georghiou, G. P., Calman, J. R. and Mulla, M.S. (1969) :

Aliphatic amines against insecticide susceptible and resistant strains of *Culex pipiens quinquefasciatus* and *Anopheles albimanus*.

J. Econ. Entomol., 62 (1), pp. : 171 - 173.

Georghiou, G.P., Ariaratnam, V. Pasternak M.E. and Lin, C. S.
(1975) :

Organophosphorous multi resistance of *Culex pipiens quinquefasciatus* in California.

J. Econ. Entomol., 68 (4), pp. : 461 - 467 .

Ginsburg, J. M. (1935) :

New wetting agents for old insecticides J. Econ. Entomol.,
28, pp. : 224 - 228 .

Hafez , S. E. (1991) :

Histological cytological and Histochemical studies on the
effect of some insecticides on the desert locust,
Schistocerca gregaria .

Ph. D. Thesis Fac. of Sci., Ain Shams Univ.; pp. : 137 -
142.

Hamed , M.S. (1971) :

Cytological and hereditary factors which determine
susceptibility and resistance of *Anopheles spp.* to
insecticides .

M.Sc. Thesis , Fac. of Sci., Ain Shams Univ.; pp. : 79-80.

Hamed, M. S.; Ramzi, A. and El-Said, S. (1983) :

Susceptibility status of mosquitoes in Egypt to commonly
used insecticides.

J. Egypt, pup. Hlth. Assoc., Vol. LV III ; no. 1,2, pp. : 160
- 167 .

Hamon, J. (1953) :

Apprisonnement à la Réunion d'une résistance au DDT chez
Culex fatigans. Wied, principal vecteur de la Filariose à
Wuchereria bancrofti.

Bull. Soc. Path. Exot., 64, p. : 454.

Hartzell, A. and Scudder, H. I. (1942) :

Histological effect of pyrethrum and an activator on the
central nervous system of house fly.

J. Econ. Entomol., Vol. 25, pp. : 428 - 433.

Hassanein, M. H.; Zaki, M.M.; and Kamel, A.A. (1968) :

Histopathological studies on the effect of certain
insecticides on various tissues of the larvae of *Earias*
insulana (Boisd) .

Bull. Ent. Soc. Egypt. Econ., Ser., 11, pp. : 181-191.

Heal, R. E., Schmitt, J. B. and Ginsburg, J. M. (1936) :

Studies of certain new wetting agents and their application
with insecticides and Fungicides.

J. Jap. Sani. Zool., 29, pp. : 714 - 722 .

Herath, P.R. J. and Davidson, G. (1981) :

Multiple resistance in *Anopheles albimanus*.

Mosquito News, 41(3), pp. : 535-39 .

Hussein, M. A. (1987) :

Effectiveness of certain insecticides against larvae of
Culex pipiens in relation to chemical structure .

Ph. D. Thesis Fac. of Sci., Ain Shams Univ.; pp. :106-109.

Hussein, M. A. (1991) :

Synergistic and histochemical effects of surfactants on some insecticidal activity against resistant mosquito larvae *Culex pipiens* .

Fourth Arab congress of plant protection, pp. : 176 - 180 .

Hussein, M.A.; Bowen, I.D. and Lewis, G. H. J. (1990) :

The histochemical localization of ATPase , cholinesterase and acid phosphatase activity in *Culex pipiens* (Diptera, culicidae) larvae using a methacrylate embedding technique.

Cell Biology International Reports, Vol. 14, no. 9, pp. : 775 - 781.

Imms, A.D. (1907) :

On the larval and pupal stages of *Anopheles waculipennis*.

Meig. J. Hgg. Comb., 7, pp. : 291-361.

Inamori, Y.; Kato, Y. Kubo, M.; Waku, Y.; Hayashiya, K.; Sakai, M.; Baba, K., and Kozawa, M. (1984) :

Mechanisms of insecticidal action of deoxy podophyllotoxin (Anthricin)11. Histopathological studies on tissues of silkworm larvae intoxicated by deoxypodophyllotoxin .

Chem. Pharm. Bull . (Tokyo), Vol. 32, no. 5, pp. : 2015-2019.

Isa, A. M. M. A. (1989) :

Histopathological changes in *Culex pipiens* (Diptera-Culicidae) induced by Juvenile hormone mimics.

M.Sc. Thesis Fac. of Sci. El-Minia Univ.; pp. : 101-102.

Kadir, H. A. and Knowles, C.O. (1991) :

Inhibition of ATP dephosphorylation by acaricides with emphasis on the anti-ATPase activity of the carbodiimide metabolite of diafenthiuron. J. Econ. Entomol., Vol. 84. no. 3, pp. : 801-805 .

Keiser, I. and Schneider, E.L., (1969) :

Longevity, resistance to deprivation of food and water , and susceptibility to malathion and DDT of oriental fruit flies, melon flies and mediteranean fruit flies sexually sterilized with tepa or radiation.

J. Econ. Entomol. , 62 pp. : 663-667.

Khan, M. R. and Ford, J. B. (1962) :

Studies on digestive enzyme production and its relationship to the cytology of midgut epithelium in *Dysderus fasciatus* Sign. (Hemiptera : Pyrrhosoridae) .

J. Insect. Physiol., 8, pp. : 597 - 608.

Koch, R. B., Cutkomp, L.K. and Do, F.M. (1969) :

Chlorinated hydrocarbon insecticide inhibition of Cockroach and honey bee ATPases.

Life Science , 8 (2), pp. : 289-297.

Kremer , J. (1920) :

(Structure of elytra : Coleoptera).

Zool. Jahrb . Anat., 41, pp. : 175 - 272 .

Kreuscher, A. (1922) :

Fat body and oenocytes in *Dytiscus*, Col.

Z. Wiss. Zool., 119, pp. : 247-84.

Lewis, W. H. (1923) :

Cells in tissue culture with dark field illumination.

Anat. Rec., 26, pp. : 15-19.

Lowry, O.H.; Rosebrough, N. J.; Farr, A.L. and Randall, R. J.

(1951) :

Protein measurement with the folin phenol reagent.

J. Biol. Chem., 193, pp. : 265-275.

Madkour, A.M. (1962) :

Studies on the effect of certain insecticides on the honey bee colony.

M.Sc. Thesis, Fac. of Agric. Ain Shams University.

Manouchehri, A. V.; Djanbakhsh, B. and Rouhani, F. (1976) :

Studies on the resistance of *Anopheles stephensi* to malathion in Bandar Abbas.

Iran Mosquito News , 36 (3), pp. : 320-22.

Manzelli, M. A. (1941) :

Studies of the effect of reduction of surface tension on mosquito pupae.

Proc. 28th Annu. Meet. N. J. Mosquito Exterm. Ass., 28, pp. : 19-23.

Matsumura , F. and Brown, A. W. A. (1961) :

Biochemistry of malathion resistance in *Culex tarsalis*.

J. Econ. Entomol., 54 (6), pp. : 1176-85.

Matsumura, F.; Bratkowski, T. A. and Patil, K.C. (1969):

DDT inhibition of an ATPase in the rat brain.

Bull. of Environ Contamination and Toxicology 4(5), pp. :

262 - 270 .

Matsumura, F. and Ghiasuddin, S.M. (1979) :

Characteristics of DDT-sensitive Ca ATPase in the axonic membrane in Neurotoxicology of insecticides and pheromones (T. Narahashi, Ed.), pp. : 245-257. Plenum, New York.

Matsumura, F. and Narahashi, T. (1971) :

ATPase inhibition and electrophysiological changes caused by DDT and related neuroactive agents in lobster nerve.

Biochemical Pharmacology , 20, pp. : 825-837 .

Matsumura, F. and Patil, K. C. (1969) :

ATPase sensitive to DDT in synapses of rat brain .

Science, 166, pp. : 121-122.

Mesbah, H. A., Hassan, N. A., Radwan, H.S.A., Abdel-Mohymen, M.R. and Abdel-Fattah, M.S. (1982) :

Synergism between certain adjuvants and two insect growth regulators against the larvae of the cotton leafworm *Spodoptera littoralis* (Boisd).

Bull Ent. Soc. Egypt, Econ. Ser., 25, pp. : 25-30 .

Metcalf, R. L. (1955) :

Physiological basis for insect resistance to insecticides.

Physiol. Rev., 35, pp. : 197-232.

Metwally, E.S.; Sallam, M. and Gohar K. (1978) :

Histological changes in the larvae of the cotton leaf worm

caused by sublethal doses of three insecticides.

Proceeding of the 4th Conf. of Pest Control, N.R.C. part 1,

pp. : 401-405.

Milles, B.J., Ms. and Lang, C. A. (1972) :

Acid phosphatase profile during the life span of the mosquito .

J. of Gerontology , 27(3), pp. : 333-337.

Mkhize, J. N. and Gupta, A.P.(1985) :

The importance of formulating insect growth regulators

with surfactants and their blends for the control of the rice

weevile, *Sitophilus oryzae* (L.) (Coleoptera :

Curculionidae) .

Insect Sci. Applic., 6 (2), pp. : 183 -186 .

Mollendorff (1937) :

Cited from Bourne (1951) .

Moore, M. N. (1985) :

Cellular responses to pollutants.

Marine pollution Bulletin, 16(4), pp. : 134 - 139 .

Moore, M.N. and Halton, D.W. (1977) :

The cytochemical localization of lysosomal hydrolases in the digestive cells of littorinids and changes induced by larval termatode infection.

Z. Parasitenk., 53, pp. : 115-122.

Moran, R.R., Rowley, W.A. and Coats, J.R. (1981) :

Effect of permethrin and malathion on *Aedes trivittatus* and *Culex pipiens pipiens*.

Iowa state. J. Res., 55 (3), pp. : 235-44 .

Mostafa, A.A. (1990) :

Toxicological studies on the larvae of *Culex pipiens* (L.)

Ph. D., Thesis, Fac. of Agriculture, Ain shams Univ.; pp. : 102-107.

Mothes-Wagner, U. and Seitz, K.A. (1984) :

Fine structure of the cuticle and structural changes ouccurring during moulting in the mite *Tetranychus urticae*.

Acarologia, Vol. 25, no. 3, pp. : 253 - 258 .

Moussa, T.A. and Banhawy, M. (1959a) :

The action of BHC and pyrethrum on the dictysomes of the insect nerve cells.

Ann. Zool., 3, pp. : 43-58 .

imid (1962b) :

Experimental studies on the mitochondria of insect neurons.

ibid, Vol. IV. no. 2, pp. : 13-24.

Moussa, M. A. and Nawarat, A. (1969) :

Tests on susceptibility of *Culex gelidus theobald* to DDT, dieldrin and BHC in Thailand.

Mosquito News, Vol. 29 , no. 2, pp. : 231-236.

Mulla, M.S. and Chaudhury, M.F.B.(1968) :

Effect of surface tension on pupae of *Culex pipiens quinquefasciatus* Say and *Aedes aegypti* (L.).

Mosquito News, 28 (2), pp. : 187-191.

Mulla, M. S. and Darwazeh. H. A. (1976) :

Evaluation of aliphatic amine concentrates against immature mosquitoes.

ibid, 36 (2) pp. : 160-165.

Mulla, M.S., Darwazeh, H.A. and Dhillon, M. S. (1980) :

New pyrethroids as mosquito larvicides and their effects on non target organisms.

Mosquito News , 40 (1), pp. : 6-12.

Nagai, T. and Graham, W. G. (1974) :

Insect visceral muscle, Fine structure of the proctodeal muscle fibres .

J. Insect. Physiol., 20, pp. : 1999-2013.

Narahashi, T. (1971) :

Effects of insecticides on excitable tissues in advances in Insect Physiology ed. by J. W.L. Beament. J. E. Treherne and V.B. Wigglesworth, 8, pp. : 1093, Academic Press, New York.

Ogawa, K. and Mayahara, H. (1969) :

Cited from introduction to electron microscopy Fac. of Sci. Alexandria University, Egypt.
J. Histochem. Cytochem., 17, 487.

Ogushi, K., Takumitsu, I. and Iwata, T. (1968) :

Effect of temperature on toxicity of several insecticides to larvae of *Culex pipiens*.
Jap. J. Sanit. Zool. 19(2), pp. : 101-104.

O'kane, W. C., Westgate , W. A., Glover, L.C. and Lowry, P.R. (1930) :

Surface tension, surface activity and wetting ability as factors in the performance of contact insecticides .
N.H. Agr. Exp. Sta. Tech. Bull., 39, pp. : 43.

Osman, M.S. and El Attal, Z.M. (1987) :

Combined effect of emulsifier hydrophilicity, dilution rate and operation pressure on droplet spectra of cypermethrin spray emulsions.
Bull. Ent. Soc. Egypt. Econ. Ser. , 16, (199) .

Palaniswamy, P. and Sivasupramanian (1977) :

Action of a juvenile hormone analogue, altosid, insect growth regulator, on the morphogenesis and adult eclosion, on the flesh fly, *Sarcophaga bullata*.

(Dip. Sarcophagidae).

Entomol. Exp. Appl., 22 (2), pp. : 141-146.

Patil, T.N., Abd-El-Fattah, A.S., Plapp, F. W. and Koch, R. B. (1980) :

ATPase and dehydrogenase activities from houseflies susceptible and resistant to organochlorine insecticides.

Pesticide Biochemistry and physiol., 13 : 5-12.

Pilat, M. (1935) :

Histological researches into the action of insecticides on the intestinal tube of insects .

Bull. Ent. Res., 26, pp. : 165-180 .

Pipe, R.K. and Moore, M. N. (1986) :

An ultrastructural study on the effects of phenanthrene on lysosomal membranes and distribution of the lysosomal enzyme B-glycuronidase in digestive cells of the periwinkle *Littorina littorea*.

Aquat. Tox., 8, 65-76.

Priester, T. M. and Georghiou, G.P. (1978) :

Induction of high resistance to permethrin in *Culex pipiens quinquefasciatus*.

J. Econ. Entomol., 71 (2), pp. : 197-200 .

imid (1980) :

Penetration of permethrin and knock-down in larvae of pyrethroid-resistant and susceptible strains of the southern house mosquito.

ibid, 73(1), pp. : 165-67.

Priester, T. M., Georghiou, G. P., Hawley, M.K. and Pasternak, M. E. (1981) :

Toxicity of pyrethroids to organophosphate - carbamate - and DDT - resistant mosquitoes.

Mosquito News, 41(1), pp. : 143 - 50 .

Radwan, H.S.A. (1970) :

Various measurements for the control of cotton leaf worm *Spodoptera littoralis* (Biosd).

Ph.D. Thesis., Fac. of Agric. Ain Shams University.

Rajender, K. (1986) :

Effect of some insecticides on the phosphatases of nervous tissue and haemolymph of cockroach .

J. Environ. Biol., Vol. 7, no. 2, pp. : 81-85.

Rettich, F. (1979) :

The toxicity of four synthetic pyrethroids to mosquito larvae and pupae (Diptera , Culicidae).

In Zechoslovakia. Acta. Entomological Bohemoslovaca, 76, pp. : 395-401.

Richards, A. G. (1941) :

Differentiation between toxic and suffocating effects of petroleum oils on larvae of the house mosquito, *Culex pipiens* .

Trans. Amer. Ento., Soc., 67, pp. : 161-196.

Richards , A.G.(1951) :

The integument of Arthropods.

Minneapolis.

Richards, A.G. and Cutkomp, L.K. (1945) :

Neuropathology in insects .

J. N.Y. Ent. Soc. 53, pp. : 313-355.

Robert, T. Taylor and Schoof, H.F. (1967) :

The larvicidal activity of several liquid detergents and quaternary ammonium compounds.

Mosquito News, Vol. 27, no. 4, pp. : 486 - 487 .

Rossi-Durand, C. (1991) :

Lack of correspondence between histochemical and structural fiber typing in antennal muscles of the rock lobster *Palinurus vulgaris*.

Comp. Biochem. Physiol., A. 100 (1), pp. : 117 - 26 .

Rudzinska, M. A.; Spielman, A.; Lewengrub, S.; Piesman, J. and

Karakashian, S. (1982) :

Cell Tissue Res., Vol. 221 , no 3, pp. : 441-481.

Russel, P.F. and Rao, T.R. (1941) :

On surface tension on water in relation to behaviour of *Anopheles* larvae.

Amer. Jour. trop. Med., 21, pp. : 767-777.

Saad, A. S. A.; Hosny, A.; Awad, H.A.A. And Salama, A. (1979) :

Histopathological effects of organotin compounds (Du-ter) and (Plictran) on Egyptian cotton leaf worm *Spodoptera littoralis* (Boisd) .

Res. Bull. no. 16 Fac. of Agric., Zagazig Univ.; pp. : 1-9.

Salama , A. E. A. (1965) :

Contact versus stomach effect of various insecticides on the Egyptian cotton leaf worm, *Prodenia littura*.

M.Sc. Thesis , Fac. of Agric. Alexandria University.

Salama, E. M.A. (1988) :

Interaction between chemical and biological larvicides used in mosquito control.

M.Sc. Thesis, Fac. of Sci., Zagazig University, Benha Branch, pp. : 138 -140 .

Saleh, M.S.; Gaaboub, I.A.; Kassem; S.M. I. and El-Latif M.E.A. (1986) :

Comparison of three fenitrothion controlled-Release formulations as larvicides for *Aedes aegypti* "Diptera Culicidae".

J. Econ. Entomol. 78 (6), pp. : 1187 - 1189.

Salem, H. H. (1931) :

Some observations on the structure of the mouth parts and the fore intestine of the fourth stage larva of *Aedes (Stegomyia) fasciata* (Fab.).

Ann. Trop. Med. Paras., 25, pp. : 393-419

Salkeld, E. H. (1951) :

A toxicological and histophysiological study of certain new insecticides as stomach poisons to the honey bee *Apis mellifera* L..

Can. Entomol. 83, pp. : 39 - 61 .

Sautet, J. (1935) :

Contribution a` l'etude du tube digestif des larves d'*Anopheles* et de *theobaldia*.

Ann. paras. Humaine et Comp., 13, p. : 97-108.

Saxena, S. C. and Saxena, P.N. (1985) :

Combined effect of malathion and piperonyl butoxide on *Periplaneta americana* L.; AN assessment based on knock-down response and histopathological observations.

Entomol, Vol. 10, no. 2, pp. : 151-158 .

Schaefer, C. W., Vandenberg , J. P. and Rhodin, J. (1967) :

The fine structure of mosquito midgut muscle .

J. Cell Biol., 34, pp. : 905-911.

Scharschmidt, B.F., Keeffe, E. B. Blankenship, N.M. and Ockner,

R.K. (1979) :

Validation of a recording spectrophotometric method for measurement of membrane associated Mg and Na k ATPase activity .

J. Lab. Clin. Med., 93, pp. : 790-799.

Schatz, L. (1952) :

Subdivisions of the cuticle .

Ann. Ent. Soc. Amer., 45, pp. : 678-85.

Schulze , P. (1913) :

(Structure of elytra Coleoptera) .

Deutsche Zool. Ges. Verhandl., 165-95.

Service, M.W. (1960) :

The replacement of *Culex nebulosus* Theo by *Culex pipiens fatigans* Wied. (Diptera, Culicidae) in towns in Nigeria .

Bull. Entomol. Res., 56, pp. : 407-15.

Shaaban, S.M., Kansouh, A.S. and Sobeiha, A. M. (1979) :

Enzymatic sensitivity in different strains of *Spodoptera littoralis* to certain organophosphorus insecticides.

Bull. Entomol. Soc. Egypt. 11, pp. : 11-20 .

Singh, D. (1967) :

The *Culex pipiens fatigans* problem in South -East Asia : with special reference to urbanization.

Bull. WHO., 37, pp. : 239-43.

Singh, G. J. P. and Singh, B. (1984 a) :

Cellular lesions in the central nervous system of *Periplaneta americana* following insecticides treatment *in vitro* and *in vivo* II. Glial cell.

Neurobehavioural, Toxicology and Teratology, Vol. 6, pp. : 215-222.

ibid (1984 b) :

Cellular lesions in the central nervous system of *Periplaneta americana* following insecticides treatment *in vitro* and *in vivo* I- Nerve cell bodies and neuropile.

ibid, Vol. 6, pp. : 201 - 213.

Smith, D. S. (1984) :

The structure of insect muscles.

In Insect Ultrastructure Vol. 2. R.C. King, H.Akai; (eds.), Publ. by Plenum Press, New York, NY (USA), pp. : 111-150 , ISBN 0-306-41545-3.

Soliman, A. A. and Soliman, S. A. (1958) :

Histopathological distribution caused to the cotton leaf worm, *Prodenia littura* F. by some of the newer insecticides.

Bull. Entomol. Soc. Egypt., 42, pp. : 199-228 .

Stamtleben, B. (1929) :

Zur kenntnis der Histologie und Metamorphose des Mitteldarms der Stechmiicken larven.

Zool., Anz., 81, pp. : 91-109.

Steelman, C.D., and Colmer, A.R. (1970) :

Some effects of organic wastes on aquatic insects in impounded habitats.

Ann. Entomol. Soc. Am., 63, pp. : 397-400.

Steinhaus , E. A., (1949) :

Principles of insect pathology.

Mc Graw-Hill, New York , pp. : 37 - 4.

Subra, R., Service, M.W. and Mosha, F. W. (1984) :

The effect of domestic detergents on the population dynamics of the immature stages of two competitor mosquitoes, *Culex cinerens* Theobold and *C. quinquefasciatus* Say (Diptera, Culicidae) in Kenya .

Acta Tropica 41 (1), pp. : 69 - 76.

Sun, R.P. and Jonson, E.R. (1960) :

Synergistic and antagonistic action of insecticide - synergist combinations and their mode of action.

J. Agri. Food Chem., 8, pp. : 261 - 266.

Sunil, D. and Biswanath, D. (1971) :

Histopathological changes in the midgut of *Periplaneta americana* Linn. due to poisoning insecticides.

Indian J. Entomol. 33(4), pp. : 433-434.

Thompson, M.T. (1905) :

The alimentary canal of mosquito.

Proc. Boston. Soc. Nat. Hist., 32, pp. : 145-202.

Toppozada, A.; Salama, A.E.; El-Defrawi, M.E.; and Zeid, M.

(1967) :

Histopathological effect of insecticides on the midgut of the Egyptian cotton leafworm, *Spodoptera littoralis*.

Ann. Entomol. Soc. Amer., 61(5), pp. : 1326-1333.

Tower, W. L. (1906) :

Histological changes in integument during moulting :

Leptinotarsa, Col. .

Biol. Bull., 10, pp. : 176-92.

Ulrich Schliiter (1980) :

Cytopathological alterations in the hindgut of a *Milliped* induced by a typical diet.

J. of Inverte pathol. 36 , pp. 133-135 .

Vittal, M.; and Deshpande , L. B.(1983) :

Experiments to test paris green emulsion to control mosquito breeding.

Indian Journal of Malariology 18 (2), pp. : 117-118 .

Weil, E. (1933) :

Cited from Richards (1941).

Weimberg R. (1975) :

Effect of growth in highly salinized media on the enzymes of the photosynthetic apparatus in pea seedlings .

Plant Physiol., (56) : 8-12 .

White- R, S. (1943) :

Effect of reduction of surface tension on mosquito pupae .
Indian Med. Gaz., 78, pp. : 342 .

WHO, VBC/ 81 . 807 (1981) :

Instructions for determining the susceptibility or resistance
of mosquito larvae to insecticides .

Wigglesworth , V.B. (1930) :

The formation of the peritrophic membrane in insects with
special reference to the larvae of mosquitoes.
Quart. Journ. Microsc. Sci., 73, pp. : 593 - 616 .

Wigglesworth , V. B. (1963) :

Early changes in the fat body cells of *Rhodnius* during
growth.
J.Exp. Biol., 4, pp. : 231-45.

Woke P.A. (1940) :

Effects of some ingested insecticides on the midgut wall of
southern army worm larva.
J. Agr. Res. 6, pp. : 321-9 .

Wolfenbarger, D. A. and Holscher, C.E. (1967) .

Contact and fumigant toxicity of oils, aphid and three
beetle species.
Fla. Entomol., 50, pp. : 27-36.

Wyllie, A. H., Duvall, E. and Blow, J.J. (1984) :

Intracellular mechanisms in cell death in normal and pathological tissues. In cell ageing and cell death (edited by Davies, I, and Siggie . D. C.), PP. : 269 - 294, Combridge, University , Press.

Yap, H.H. and Cutkomp, L. K. (1970) :

Activity and rhythm of ATPase in larvae of the mosquito ,
Aedes aegypti.
Life Science , 9 (2), pp. : 1419-1425.