

REFERENCES

- Adams TS, Reinecke JP. The reproductive physiology of the screwworm, *Cochliomyia hominivorax* (Diptera: Calliphoridae). J Med Entomol 1979; 15: 472-83.
- Alam JM, Motoyama N. Effect of cyromazine fed to adults on reproduction and offspring development in housefly. J Pesticide Sci 2000; 25: 228-33.
- Alberti G, Meyer-Rochow VB. Ultra structural investigations of testes and spermiogenesis in two species of halacarid mite (Halacaridae, Actinedida, Actinotrichida): *Thalassarachna basteri* from the Baltic Sea and *Halacarellus thomasi* from McMurdo sound (Antarctica). Arthropod Struct Dev 2002; 30: 315-28.
- Avancini RMP, Prado AP. Oogenesis in *Chrysomya putoria* (Wiedemann) (Diptera: Calliphoridae). Int J Insect Morphol Embryol 1986; 15: 375-84.
- Avent TD, Price TAR, Wedell N. Age-based female preference in the fruit fly *Drosophila pseudoobscura*. Anim Behav 2008; 75: 1413-21.
- Bake RH, Denniff M, Futerman P, Fowler K, Pomiankowaki A, Champman T. Accessory gland size influences time to sexual maturity and mating frequency in the stalk-eye fly, *Cyrtodiopsis dalmanni*. Behav Ecol 2003; 14: 607-11.

Bansal A, Murad H. Morphology of the female reproductive organ of the Oriental latrine fly, *Chrysomya megacephala* F. (Diptera, Calliphoridae). Jpn J Sanit Zool 1987; 38: 233-8.

Beattie GAC, Cheney J. Oogenesis in *Lucilia cuprina* (Wied.) (Diptera: Calliphoridae) I. Development of nurse cell nuclei, the oocyte nucleus and the follicle cells. Aust J Zool 1979; 27: 331-47.

Bene GD, Cavallo V, Lupetti P, Dallai R. Ultrastructure of the accessory gland in the parthenogenetic thrips *Heliothrips haemorrhoidalis* (Bouche) (Thysanoptera : Thripidae). Int J Insect Morphol Embryol 1998; 27: 255-61.

Birnbaum MJ, Gilbert LI. Juvenile hormone stimulation of ornithine decarboxylase activity during vitellogenesis in *Drosophila melanogaster*. J Comp Physiol 1990; 145-51.

Bohart GE, Gressitt JJ. Filth-inhabiting flies of Guam. Bull Bernice P, Bishop US. 1951.

Brown PE, Anderson M. Morphology and ultrastructure of sense organs on the ovipositor of *Trybliographa rapae*, a parasitoid of the cabbage root fly. J Insect Physiol 1998; 44: 1017-25.

Byrd JH, Castener JL. Forensic entomology: the utility of arthropods in legal investigations. CRC Press, USA. 2000.

Cabral MMO, Mendonca PM, Gomes CMS, Barbosa-Filho JM, Dias CS, Soares MJ, Queiroz MMC. Biological Activity of Yangambin on the Postembryonic

Development of *Chrysomya megacephala* (Diptera: Calliphoridae). J Med Entomol 2007a; 44: 249-55.

Cabral MMO, Mendonca PM, Gomes CMS, Filho JMB, Queiroz MMC, Mello RP. Biological activity of neolignans on the post-embryonic development of *Chrysomya megacephala*. Fitoterapia 2007b; 78: 20-4.

Carpupino M, Kathirithamby J, Mazzini M. Testis morphology and spermatogenesis in two species of *Elenchus* (Strepsiptera : Elenchidae). Int J Insect Morphol Embryol 1998; 27: 9-19.

Chaiwong T, Sukontason KL, Chaithong U, Olson JK, Kurahashi H, Sukontason K. Male genitalia of flesh fly *Parasarcophaga (Liosarcophaga) dux* (Diptera: Sarcophagidae) revealed by scanning electron microscopy. J Am Mosq Control Assoc 2007; 23: 80-3.

Chapman RF. The Insect: Structure and Function. Cambridge University Press, UK.1998a.

Chapman RF. The insects structure and function, 4 ed. Cambridge University Press, Cambridge.1998b.

Chawanji AS, Hodgson AN, Villet MH. Sperm morphology in four species of African platypleurine cicadas (Hemiptera: Cicadomorpha: Cicadidae). Tissue Cell 2005; 37: 257-67.

Chen PS. The functional morphology and biochemistry of insect male accessory glands and their secretions. Annu Rev Entomol 1984; 29: 233-55.

Clerck DD, Diederik H, Paesen G, Loof AD. Identification and quantification of C21 and C19 steroids in the haemolymph of *Leptinotarsa decemlineata*, a phytophagous insect. *Insect Biochem* 1988; 18: 93-9.

Clerck DD, Eechaute W, Leusen I, Diederik H, Loof AD. Identification of testosterone and progesterone in the haemolymph of larvae of the fleshfly *Sarcophaga bullata*. *Gen Comp Endocrinol* 1983; 52: 368-78.

Clift AD, McDonald FJD. Morphology of the internal reproductive system of *Lucilia Cuprina* (Wied.) (Diptera: Calliphoridae) and a method of determining the age of both sexes. *Int J Insect Morphol Embryol* 1973; 2: 327-33.

Couche GA, Gillott C. Structure of the accessory reproductive glands of the male migratory grasshopper, *Melanoplus sanguinipes*. *J Morphol* 1990; 203: 219-45.

Cruz J, Martin D, Pascual N, Maestro JL, Piulachs MD, Belles X. Quantity does matter. Juvenile hormone and the onset of vitellogenesis in the German cockroach. *Insect Biochem Mol Biol* 2003; 33: 1219-25.

Dallacqua RP, da Cruz-Landim C. Ultrastructure of the ducts of the reproductive tract of males of *Melipona bicolor bicolor* lepeletier (Hymenoptera, Apinae, Meliponini). *Anat Histol Embryol* 2003; 32: 276-81.

Dallai R, Beani L, Kathirithamby J, Lupetti P, Afzelius BA. New findings on sperm ultrastructure of *Xenos vesparum* (Rossi) (Strepsiptera, Insecta). *Tissue Cell* 2003; 35: 19-27.

Dallai R, Bellon PL, Vecchia SL, Afzelius BA. The dipteran sperm tail: ultrastructural characteristics and phylogenetic considerations. *Zoologica Scripta* 1993; 22: 193-202.

Dallai R, Bene GD, Lupetti P. Fine structure of spermatheca and accessory gland of *Frankliniella occidentalis* (Pergande) (Thysanoptera: Thripidae). *J Insect Morphol Embryol* 1996; 25: 317-30.

Dallai R, Bene GD, Lupetti P. Fine structure of the male reproductive organs of the western flower thrips *Frankliniella occidentalis* (Pergande) (Thysanoptera: Thripidae). *J Insect Morphol Embryol* 1997a; 26: 97-112.

Dallai R, Cavallo V, Falso LF, Fanciulli PP. The fine structure of the male genital organs of *Allacma fusca* (L.) (Collembola, Symphypleona). *Pedobiologia* 2000; 44: 202-9.

Dallai R, Del Bene G, Lupetti P. Fine structure of the male reproductive organs of the Western flower thrips *Frankliniella occidentalis* (Pergande) (Thysanoptera: Thripidae). *Int J Insect Morphol Embryol* 1997b; 26: 97-112.

Dallai R, Lupetti P, Oaella G, Afzelius BA. Giant sperm cells with accessory macrotubules in a neuropteran insect. *Tissue Cell* 2005; 37: 359-66.

Dallai R, Zizzari ZV, Fanciulli PP. Fine structure of the spermatheca and of the accessory glands in *Orchesella villosa* (Collembola, Hexapoda). *J Morphol* 2008; 269: 464-78.

Davey KG. The male reproductive tract, *In* Kerkut,GA and Gilbert,LI (eds.), *Comprehensive insect physiology, biochemistry and pharmacology*. pp. 1-14. 1985.

Den CJ, Smallegange RC, Kelling FJ, Noorman N. Basic research to uncover stimuli for environmentally sound control of houseflies. *Wiadom Parazyt* 1999; 45-545.

Eldridge BF, Edman JD. *Medical entomology*. Kluwer Academic Publishers, Netherlands 2000.

Elliott KL, Stay B. Juvenile hormone synthesis as related to egg development in neotenic reproductives of the termite *Reticulitermes flavipes*, with observations on urates in the fat body. *Gen Comp Endocrinol* 2007; 152: 102-10.

Fausto AM, Belardinelli M, Fochetti R, Mazzini M. Comparative spermatology in Plecoptera (Insecta): an ultrastructural investigation on four species. *Arthropod Struct Dev* 2001; 30: 55-62.

Fausto AM, Belardinelli M, Fochetti R, Tierno de Figueroa JM, Mazzini M. Comparative spermatology in Plecoptera (Insecta). II. An ultrastructural investigation on four species of Systellognatha. *Arthropod Struct Dev* 2002; 31: 147-56.

Fausto AM, Gambellini G, addei AR, Maroli M, Mazzini M. Ultrastructure of reproductive accessory glands in the female sandfly *Phlebotomus perniciosus*

Newstead (Diptera : Psychodidae). Int J Insect Morphol Embryol 1997; 26: 121-8.

Fausto A, Khoury C, Maroli M, Mazzini M. Ultrastructure of the seminal vesicle of *Phlebotomus perniciosus* Newstead (Diptera, Psychodidae). Tissue Cell 2000; 32: 228-37.

Fernandes FDF, Chiarini-Garcia H, Linardi PM. Scanning electron microscopy studies of sensilla and other structures of adult *Dermatobia hominis* (L. Jr., 1781) (Diptera: Cuterebridae). J Med Entomol 2004; 41: 552-60.

Freitas SPC, Goncalves TCM, Serrão JE, Santos-Mallet JR. Fine structure of the male accessory glands of *Triatoma rubrofasciata* (De Geer, 1773) (Hemiptera, Triatominae). Micros Res Tech 2007; 70: 355-60.

Friedel,T, McDonell,PA . Cyromazine inhibits reproduction and larval development of the Australian sheep blow fly (Diptera: Calliphoridae). J Econ Entomol 1985; 78: 868-73.

Friesen KJ, Kaufman WR. Effects of 20-hydroxyecdysone and other hormones on egg development, and identification of a vitellin-binding protein in the ovary of the tick, *Amblyomma hebraeum*. 2004; 50: 519-29.

Fritz AH, Turner FR. A light and electron microscopical study of the spermathecae and ventral receptacle of *Anastrepha suspensa* (Diptera: Tephritidae) and implications in female influence of sperm storage. Arthropod Struct Dev 2002; 30: 293-313.

Fujimoto Y, Ikekawa N, Ogiso M, Ohnishi E. Characterization of 17 α -estradiol 3-(α -D-glucopyranoside) and 17-(α -D-glucopyranoside) as the metabolites of 17 α -estradiol in the cultured ovaries of the silkworm, *Bombyx mori*. *Experientia* 1986; 42: 567-8.

Gabre RM, Adham FK, Chi H. Life table of *Chrysomya megacephala* (Fabricius) (Diptera: Calliphoridae). *Acta Oecologica* 2005; 27: 179-83.

Goff ML, Flynn MM. Determination of postmortem interval by arthropod succession: a case study from the Hawaiian Islands. *J Forensic Sci* 1991; 36: 607-14.

Greenberg B. Flies and disease. Vol II. Biology and disease transmission. Princeton University Press, Princeton, NJ 1973.

Greenberg B. Flies and disease. Vol I. Ecology, Classification and Biotic Associations. Princeton University Press, Princeton, NJ 1971.

Gunatilake K, Goff ML. Detection of organophosphate poisoning in a putrefying body by analyzing arthropod larvae. *J Forensic Sci* 1989; 34: 714-6.

Hami M, Taibi F, Soltani-Mazouni N. Effects of flucycloxuron, a chitin synthesis inhibitor, on reproductive events and thickness of chorion in mealworms. *Commun Agric Appl Biol Sci* 2004; 69: 249-55.

Hedge GA. Clinical endocrine physiology. W.B. Saunders Company, United state of America. 1987.

Heukelbach J, Bonow I, Witt L, Feldmeier H, Fischer P. High infection rate of *Wolbachia* endobacteria in the sand flea *Tunga penetrans* from Brazil. *Acta Trop* 2004; 92: 225-30.

Hooper RL, Pitts CW, Westfall JA. Sense organs on the ovipositor of the face fly, *Musca autumnalis*. *Ann Entomol Soc Am* 1972; 65: 577-86.

Hori K. Comparative anatomy of the internal organs of the Calyptrate muscoid flies I. Male internal sexual organs of the adult flies. *The Sci Report of the Kanazawa Univ* 1960; 7: 23-83.

Hori K. Comparative anatomy of the internal organs of the Calyptrate muscoid flies II. Female internal sexual organs of the adult flies. *The Sci Report of the Kanazawa Univ* 1961; 7: 61-101.

Huang F, Yu RX, Chen XX. Ultrastructure of the male reproductive system of *Cotesia vestalis* (Hymenoptera: Braconidae) with preliminary characterization of the secretions. *Microsc Res Tech* 2007; 70: 563-71.

Hussein KT. Pathological alterations in the ovaries of *Culex pipiens* induced by fixed oil extracts from *Thevetia peruviana*, *Datura stramonium* and *Acacia* sp. *J Egypt Soc Parasitol* 1999; 29: 997-1005.

Ilango K. Structure and function of the spermathecal complex in the phlebotomine sandfly *Phlebotomus papatasi* Scopoli (Diptera: Phlebotomidae): II. Post-copulatory histophysiological changes during the gonotrophic cycle. *J Biosci* 2005; 30: 733-47.

Jean-Lou J, Xavier M. Ultrastructure of the spermatozoon of the mosquito *Toxorhynchites* (Diptera, Culicidae). *Zoologica Scripta* 1988; 17: 289-91.

Kellen WR, Hoffmann DF, Kwock RA. *Wolbachia* sp. (Rickettsiales: Rickettsiaceae) a symbiont of the almond moth, *Ephestia cautella*: Ultrastructure and influence on host fertility. *J Invertebr Pathol* 1981; 37: 273-83.

Kendra PE, Montgomery WS, Epsky ND, Heath RR. Assessment of female reproductive status in *Anastrepha suspensa* (Diptera:Tephritidae). *Florida Entomol* 2006; 89: 144-51.

Khater HM, Gad AM, Hassan AN. Effect of juvenile hormone and ecdysone on initiating blood meal dependent vitellogenic ovarian cycles in autogenous and anaautogenous *Culex pipiens* (Diptera : Culicidae). *J Egypt Public Health Assoc* 1994; 69: 213-25.

Kirkbride-Smith AE, Bell HA, Edwards JP. Effects of three vertebrate hormones on the growth, development, and reproduction of the tomato moth, *Lacanobia oleracea* L. (Lepidoptera: Noctuidae). *Environ Toxicol Chem* 2001; 20: 1838-45.

Koteja J, Pyka-Foëciak G, Vogelgesang M, Szklarzewicz T. Structure of the ovary in *Steingelia* (Sternorrhyncha: Coccinea), and its phylogenetic implications. *Arthropod Struct Dev* 2003; 32: 247-56.

Kurahashi H, Chowanadisai L. Blow flies (Insecta: Diptera: Calliphoridae) from Indochina. *Species Diversity* 2001; 6: 185-242.

Langley PA, Howl V, Oouchi H. Regulation of reproduction in *Rhodnius prolixus* by the juvenile hormone mimic pyriproxyfen. Entomol Exp Appl 1990; 57: 271-9.

Leite ACR. Ultrastructure of the male terminalia of *Cochliomyia hominivorax* and *C. macellaria*. Mem Inst Oswaldo Cruz 1995; 90: 475-81.

Leopold RA. The role of male accessory glands in insect reproduction. Annu Rev Entomol 1976; 21: 199-221.

Linhares AX, Avancini RMP. Ovarian development in the blowflies *Chrysomya putoria* and *C. megacephala* on natural diets. Med Vet Entomol 1989; 3: 295.

Lopez-Fernandez C, Baltanas A, De La Torre J, Gosalvez J. *Drosophila melanogaster* and *Eucypris virens* giant spermatozoa as visualized by cell inclusion in microgels. J Exp Zool Part A Ecol Genet Physiol 2007; 307: 140-4.

Lord WD. Case histories of the use of insects in investigations, In E.P.Catts and N.H.Haskell [eds.] (ed.), Entomology & death: A procedural guide. pp. 9-37. 1990.

Mahilum MM, Storch V, Becker N. Molecular and electron microscopic identification of *Wolbachia* in *Culex pipiens* complex populations from the Upper Rhine Valley, Germany, and Cebu City, Philippines. J Am Mosq Control Assoc 2003; 2003: 3-206.

Maiza A, Kilani S, Farine JP, Smagghe G, Aribi N, Soltani N. Reproductive effects in German cockroaches by ecdysteroid agonist RH-0345, juvenile hormone analogue methoprene and carbamate benfuracarb. *Commun Agric Appl Biol Sci* 2004; 69: 257-66.

Marchini D, Bene GD, Falso LF, Dallai R. Structural organization of the copulation site in the medfly *Ceratitis capitata* (Diptera: Tephritidae) and observations on sperm transfer and storage. *Arthropod Struct Dev* 2001a; 30: 39-54.

Marchini D, Del Bene G, Cappelli L, Dallai R. Ultrastructure of the male reproductive accessory glands in the medfly *Ceratitis capitata* (Diptera: Tephritidae) and preliminary characterization of their secretions. *Arthropod Struct Dev* 2001b; 31: 313-27.

Marcos-Garcia MA, Perez- Banon. Life cycle, adult and immature stages of a new species of *Copestylum* (Diptera:Syrphidae) from Mexico reared from cactaceae. *Ann Entomol Soc Am* 2002; 95: 432-40.

Margaritis LH, Kafatos F, Petri W. The eggshell of *Drosophila melanogaster* I. Fine structure of the layers and regions of the wild-type eggshell. *J Cell Sci* 1980; 43: 1-35.

Martoja R, Bouquegneau J, Verthe C. Toxicological effects and storage of cadmium and mercury in an insect *Locusta migratoria* (Orthoptera). *J Invertebr Pathol* 1983; 42: 17-32.

Matthiessen JN, Hall GP, Chewings VH. Seasonal abundance of *Musca vetustissima* Walker and other cattle dung fauna in central Australia. J Aust Ent Soc 1986; 25: 141-7.

Merritt DJ. The morphology of the phallosome and accessory gland material transfer during copulation in the blowfly, *Lucilia cuprina* (Insecta, Diptera). Zoomorphol 1989; 108: 359-66.

Monzon RB, Sanchez AR, Tadiaman BM, Najos OA, Valencia EG, de Rueda RR, Ventura JV. A comparison of the role of *Musca domestica* (Linnaeus) and *Chrysomya megacephala* (Fabricius) as mechanical vectors of helminthic parasites in a typical slum area of Metropolitan Manila. Southeast Asian J Trop Med Public Health 1991; 22: 222-8.

Mukhopadhyay I, Saxena DK, Bajpai VK, Chowdhuri DK. Argemone oil induced cellular damage in the reproductive tissues of transgenic *Drosophila melanogaster*: protective role of 70 kDa heat shock protein. J Biochem Mol Toxicol 2003; 17: 223-34.

Nation JL. Insect physiology and biochemistry. CRC Press LLC, Florida. 2002.

Nayduch D, Honko A, Noblet GP, Stutzenberger F. Detection of *Aeromonas caviae* in the common housefly *Musca domestica* by culture and polymerase chain reaction. Epidemiol Infect 2001; 127: 561-6.

Nenon JP, Boivin G, Allo R. Fine structure of the egg envelopes in *Listronotus oregonensis* (Leconte) (Coleoptera: Curculionidae) and morphological

adaptations to oviposition sites. *Int J Insect Morphol Embryol* 1995; 24: 333-42.

Neto JL, Bao SN, Dolder H. Structure and ultrastructure of the spermatozoa of *Bephratelloides pomorum* (Fabricius) (Hymenoptera: Eurytomidae). *Int J Insect Morphol Embryol* 1999; 28: 253-9.

Ngern-Klun R, Sukontason K, Methanitikorn R, Vogtsberger RC, Sukontason KL. Fine structure of *Chrysomya nigripes* (Diptera: Calliphoridae), a fly species of medical importance. *Parasitol Res* 2007; 100: 993-1002.

Noirot C, Quennedey A. Fine structure of insect epidermal glands. *Annu Rev Entomol* 1974; 19: 61-80.

Noirot C, Quennedey A. Glands, gland cells, glandular units: some comments on terminology and classification. *Ann Soc Entomol Fr* 1991; 27: 123-8.

Novak VJA. *Insect hormones* London 1975.

Ogiso M, Ohishi, E. Dose estradiol play a role in ovarain maturation or embryonic development of the silworm? *Gen Comp Endocrinol* 1986; 61: 82-6.

Ohishi E, Ogiso MA, Wakabayashi K, Fujimoto Y, Ikekawa N. Identification of estradiol in the ovaries of the silkworm, *Bombyx mori*. *Gen Comp Endocrinol* 1985; 60: 35-8.

Owusu-Daaku KO, Butler RD, Wood RJ. Meiotic drive by the Y-linked *D* gene in *Aedes aegypti* (L.) (Diptera: Culicidae) is associated with disruption of

spermiogenesis, leading to premature senescence of spermatozoa. *Arthropod Struct Dev* 2007; 36: 233-43.

Paccagnini E, De Marzo L, Giusti F, Dallai R. The aberrant spermatogenesis of the *Haplothrips simplex* (Buffa) (Thysanoptera): Ultrastructural study. *Tissue Cell* 2006; 38: 177-86.

Qui YT, van Loon JJA, Roessingh P. Chemoreception of oviposition inhibiting terpenoids in the diamondback moth *Plutella xylostella*. *Entomol Exp Appl* 1998; 87: 155.

Radek R. Light and Electron Microscopic Study of a *Rickettsiella* Species from the Cockroach *Blatta orientalis*. *J Invertebr Pathol* 2000; 76: 249-56.

Raikhel AS, Snigirevskaya ES. Vitellogenesis, *In* Microscopic anatomy of invertebrates. pp. 933-55; 1998.

Rallis CP, Burand JP. Pathology and ultrastructure of the insect virus, Hz-2V, infecting agonadal male corn earworms, *Helicoverpa zea*. *J Invertebr Pathol* 2002a; 80: 81-9.

Rallis C, Burand JP. Pathology and ultrastructure of Hz-2V infection in the agonadal female corn earworm, *Helicoverpa zea*. *J Invertebr Pathol* 2002b; 81: 33-44.

Rice MJ. Contact chemoreceptors on the ovipositor of *Lucilia cuprina* (Wied.), the Australian sheep blowfly. *Aust J Zool* 1976; 24: 353-60.

Rice MJ, McRae TM. Contact chemoreceptors on the ovipositor of *Locusta migratoria* L. J Aust Entomol Soc 1976; 15: 364.

Riemann JG. Ultrastructure of the ejaculatory duct region producing the male housefly accessory material. J Insect Physiol 1973; 19: 213-23.

Rockstein M. Biochemistry of insects. Academic Press, INC 1978.

Rosciszewska E. Oogenesis of stone flies, Development of the follicular epithelium and formation of the eggshell in ovaries of *Perla marginata* (Panzer) and *Perla pallida* Guerin (Plecoptera: Perlidae). Int J Insect Morphol Embryol 1995; 24: 253-71.

Roshdy MA. Structure of the female reproductive system of *Ixodea ricinus* (L), and its bearing on the affinity of Ixodes to other Ixodid genera. J Parasitol 1969; 55: 1078-83.

Rossignol PA, McIver SB. Fine structure and role in behavior of sensilla on the terminalia of *Aedes aegypti* (L.) (Diptera: Culicidae). J Morphol 2005; 151: 419-37.

Roy s, De J, Kundu S, Biswas A, Pramanik M, Ray AK. Estradiol-17 α : Tracing its metabolic significance in female fatbody of fifth instar larvae of silkworm, *Bombyx mori* L (race: Nistari). Life Sci 2007; 80: 446-53.

Senior-White R, Aubertin D, Smart J. The fauna of British India, including the remainder of the oriental region. Taylor & Francis, London 1940.

Shoura SM. Fine structure of the vagina, accessory glands, uterus, oviducts and gene's in the unfed tick, *Ornithodoros (Pavlovskyella) erraticus* (Ixodoidea: Argasidae). Exp Appli Acarol 1988; 4: 95-108.

Smith KGV. Insects and other arthropods of medical importance. British museum (Natural History), London 1973.

Snodgrass RE. Principles of insect morphology. Cornell University Press, New York 1993.

Spiegel CN, Brazil RP, Soares MJ. Sensilla on the terminalia of *Lutzomyia* spp. (Diptera: Psychodidae) sand flies. J Med Entomol 2000; 37: 860-3.

Spradbery JP, Sands PA. Reproductive system and terminalia of the old world screw-worm fly, *Chrysomya bezziana* villeneuve (Diptera: Calliphoridae). Int J Insect Morphol Embryol 1976; 5: 409-21.

Stys P, Buning J, Bilinski SM. Organization of the tropharia in the telotrophic ovaries of the dipsocoromorphan bugs *Cryptostemma alienum* Herrich-Schaeffer and *C. carpaticum* Josifov (Heteroptera: Dipsocoridae). Int J Insect Morphol Embryol 1998; 27: 129-33.

Sucharit S, Tumrasvin W. The survey of flies of medical and veterinary importance in Thailand. Jpn J Sanit Zool 1981; 32: 281-5.

Sucharit S, Tumrasvin W, Vutikes S. A survey of houseflies in bangkok and neighboring provinces. Southeast Asian J Trop Med Public Health 1976; 7: 85-90.

Sukontason K, Bunchoo M, Khantawa B, Piangjai S, Sukontason K, Methanitikorn R, Rongsriyam Y. Mechanical carrier of bacterial enteric pathogens by *Chrysomya megacephala* (Diptera: Calliphoridae) in Chiang Mai, Thailand. Southeast Asian J Trop Med Public Health 2000; 31: 157-61.

Sukontason K, Sukontason KL, Piangjai S, Boonchu N, Kurahashi H, Hope M, Olson JK. Identification of forensically important fly eggs using a potassium permanganate staining technique. Micron 2004; 35: 391-5.

Szklarzewicz T. Structure of ovaries of scale insects: ii. margarodidae (INSECTA, hemiptera, COCCINEA). Int J Insect Morphol Embryol 1998; 27: 319-24.

Tanaka ED, Hartfelder K. The initial stages of oogenesis and their relation to differential fertility in the honey bee (*Apis mellifera*) castes. Arthropod Struct Dev 2004; 4: 431-42.

Thackray VG, Young RH, Hooper JE, Nordeen SK. Estrogen agonist and antagonist action on the human estrogen receptor in *Drosophila*. Endocrinol 2005; 141: 3912-5.

Tirone G, Avancini RMP. Development of female accessory glands of *Chrysomya putoria* (Wiedemann) (Diptera: Calliphoridae) during oogenesis. Int J Insect Morphol Embryol 1997; 26: 1-7.

Tokuyasu KT. Spoke heads in sperm tail of *Drosophila melanogaster*. J Cell Bio 1974; 63: 334-7.

Trimble III JJ. Ultrastructure of the ejaculatory duct region of the lovebug, *Plecia nearctica* hardy (Diptera: Bibionidae). Int J Insect Morphol Embryol 1974; 3: 353-9.

Tumrasvin W, Sucharit S, Keno R. Studies on medically important flies in Thailand. IV. Altitudinal distribution of flies belonging to Muscidae and Calliphoridae in Doi Indhanondl Mountain, Chiangmai, in early summer season. Bull Tokyo Med Dent Univ 1978; 25: 44-81.

Valdez JM. Ultrastructure of the Mexican fruit fly (Diptera: Tephritidae). Ann Entomol Soc Am 2001; 94: 251-6.

Vogelgesang M, Szklarzewicz T. Formation and structure of egg capsules in scale insects (Hemiptera, Coccinea) I. Ortheziidae. Arthropod Struct Dev 2001; 30: 63-8.

Vogt WG, Woodburn TL, Tyndale-Biscoe M. A method of age determination in *Lucilia cuprina* (Wied.) (Diptera, Calliphoridae) using cyclic changes in the female reproductive system. Bull ent Res 1974; 64: 365-70.

Wallis DI. Olfactory stimuli and oviposition in the blowfly, *Phormia regina* Meigen. J Exp Biol 1962; 39: 615.

Warner FD. The relationship between matrix structure and microtubule component of the axoneme. J Cell Bio 1970; 47: 159-82.

Watts MM, Pascoe D, Carroll K. Chronic exposure to 17 alpha-ethinylestradiol and bisphenol A effects on development and reproduction in the freshwater

invertebrate *Chironomus riparius* (Diptera: Chironomidae). *Aquat Toxicol* 2001; 55: 113-24.

Watts MM, Pascoe D, Carroll K. Exposure to 17 alpha-ethinylestradiol and bisphenol A effects on larval moulting and mouthpart structure of *Chironomus riparius*. *Ecotoxicol Environ Saf* 2003; 54: 207-15.

Wells JD, Kurahashi H. *Chrysomya megacephala* (Fabricius) (Diptera: Calliphoridae) development: rate, variation and the implications for forensic entomology. *J Sanit Zool* 1994; 45: 303-9.

Wigglesworth VB. *Insect physiology*. London 1984.

Winterton SL, Merritt DJ, O'Toole A, Yeates DK, Irwin ME. Morphology and histology of the spermathecal sac, a novel structure in the female reproductive system of Therevidae (Diptera: Asiloidea). *Int J Insect Morphol Embryol* 1999; 28: 273-9.

Woodbridge FA, Walker ED. Mosquitoes (Culicidae), *In* G.Mullen and L.Durden (ed.), *Med Vet Entomol*. pp. 203-62; 2002.

Yu-Tong Q, Joop JA, Van L, Peter R. Chemoreception of oviposition inhibiting terpenoids in the diamondback moth *Plutella xylostella*. *Exp et Appli* 1998; 87: 143-55.

Yusuf M, Turner B, Whitfield P, Miles R, Pacey J. Electron microscopical evidence of a vertically transmitted *Wolbachia*-like parasite in the parthenogenic,

stored-product pest *Liposcelis bostrychophila* Badonnel (Psocoptera). J Store Prod Res 2000; 36: 169-75.

Zacaro AA, Porter SD. Female reproductive system of the decapitating fly *Pseudacteon wasmanni* Schmitz (Diptera: Phoridae). Arthropod Struct Dev 2003; 31: 329-37.

Zacharuk RY. Antennal sensilla, In Kerkut,GA and Gilbert,LI (eds.), Comparative insect physiology, biochemistry and pharmacology. pp. 1-69; 1985.

Zelazowska M, Bilinski M. Ultrastructure and function of nurse cells in phthirapterans. Possible function of ramified nurse cell nuclei in the cytoplasm transfer. Arthropod Struct Dev 2001; 30: 135-43.

Zumpt F. Myiasis in man and animals in the old world. Butterworth, London 1965.