

Plate 1

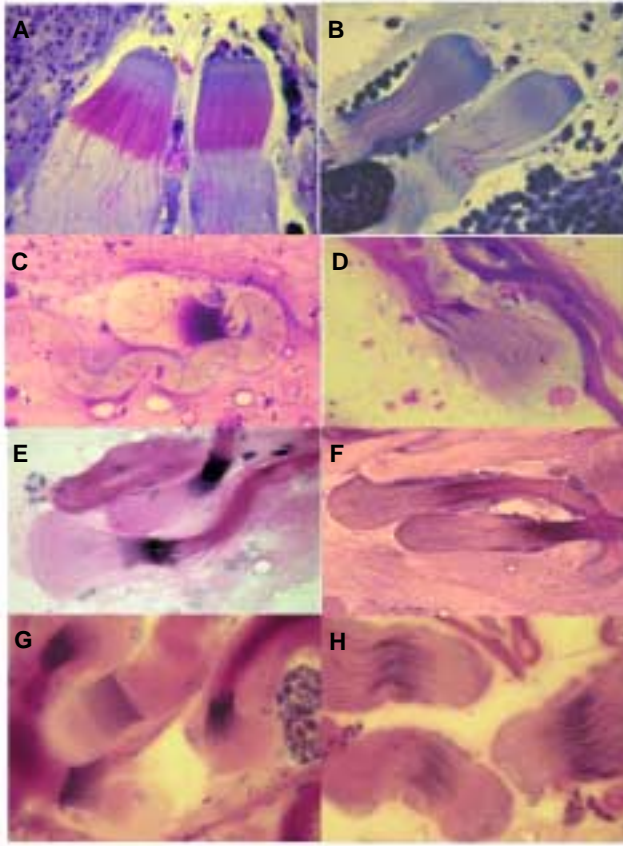


Fig 1. A-D: Codling moth, *Cydia pomonella*. A and C: sperm bundles from testis smears of normal males, B and D: sperm bundles from testis smears of sterile F₁ males (progeny of irradiated males mated with normal females). E-F: Fall armyworm, *Spodoptera frugiperda*, E: normal male, sperm bundles from testis smear hydrolyzed in 1 M HCl, F: sperm bundles from sterile F₁ male. G-H: Corn earworm, *Helicoverpa zea*, G: sperm bundles from testis smear of normal male, H: sperm bundles from testis smear of sterile F₁ male. In all normal males, nuclei clusters of the eupyrene sperm bundles were homogenously stained but were heterogeneously stained in the sterile F₁ males.

Plate 2

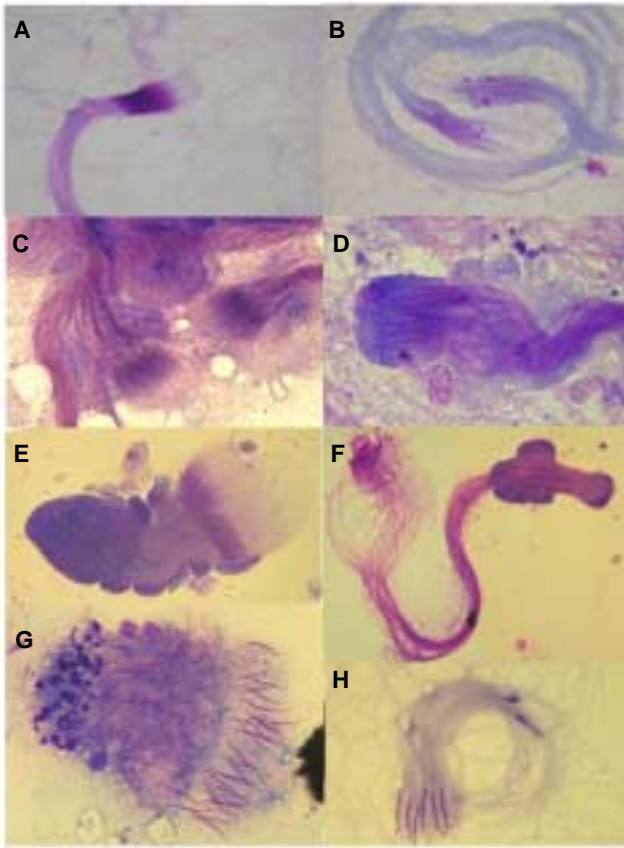


Fig 2. A-B: Painted apple moth, *Teia anartoides*, A: sperm bundles from seminal vesicle smear of normal male, B: sperm bundles from seminal vesicle smear of sterile F₁ male (progeny of irradiated male mated with normal female). C-D and F: cactus moth, *Cactoblastis cactorum*, C: sperm bundles from testis smear of normal male, D and F: sperm bundles from testis smear of sterile F₁ males. E and G-H: Diamondback moth, *Plutella xylostella*, E: sperm bundle from testis smear of normal male, G-H: sperm bundles from testis smears of sterile F₁ males. In all normal males, nuclei clusters of the eupyrene sperm bundles were homogeneously stained but were heterogeneously stained in the sterile F₁ males.