The Leslie-Gower scheme has recently become an interesting issue for food-chain models, see Refs. 1–4. These papers basically deal with the numerical studies of a Leslie-Gower-type tri-trophic model. In Aziz-Alaoui,[5] a beginning of the analytical behaviour of system (1) is investigated and the boundedness and global stability of the system is established in Aziz-Alaoui.[6] The effect of two-dimensional continuous time delay of system (1) is observed by Nindjin.[7] They obtained a sufficient condition for global stability of the positive equilibrium by constructing a Lyapunov function. Some related qualitative results for this system have also been presented there. A similar kind of functional response has been used in the paper by GreenHalgh,[8] where a predator-prey model with transmissible disease in the prey species is proposed and analyzed.