Supplementary material A

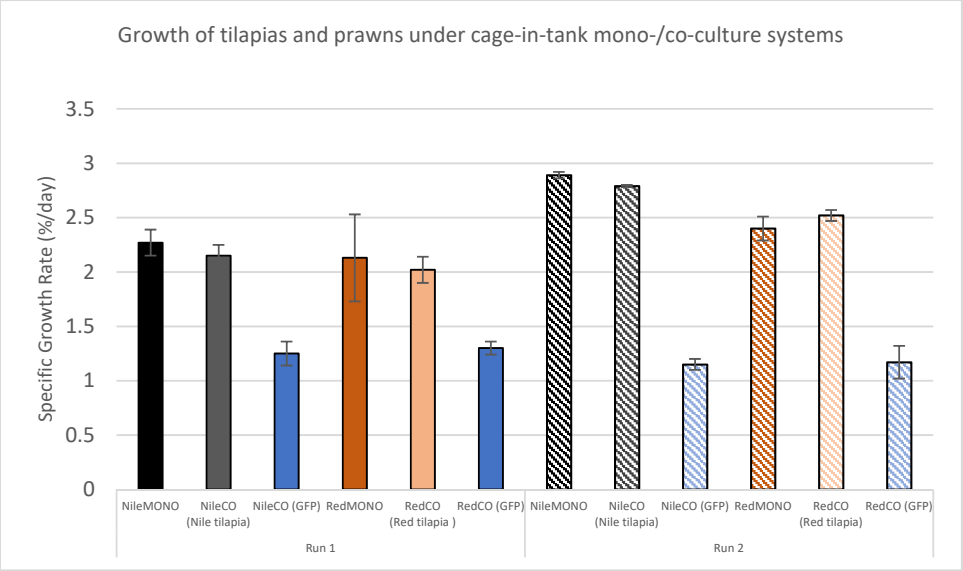


Figure S1. Growth (SGR) of the different freshwater aquatic species (Nile tilapia, red tilapias, prawns) reared for five months using the cage-in-tank monoculture and/or co-culture schemes. Note: NileMONO – I-ExCEL Nile tilapia growth in monoculture; NileCO (Nile tilapia) – I-ExCEL Nile tilapia growth in co-culture; NileCO(GFP) – prawn growth in co-culture with I-ExCEL Nile tilapia; RedMONO – Red tilapia growth in monoculture; RedCO (Red Tilapia) – red tilapia growth in co-culture; REDCO (GFP) – prawn growth in co-culture with red tilapia

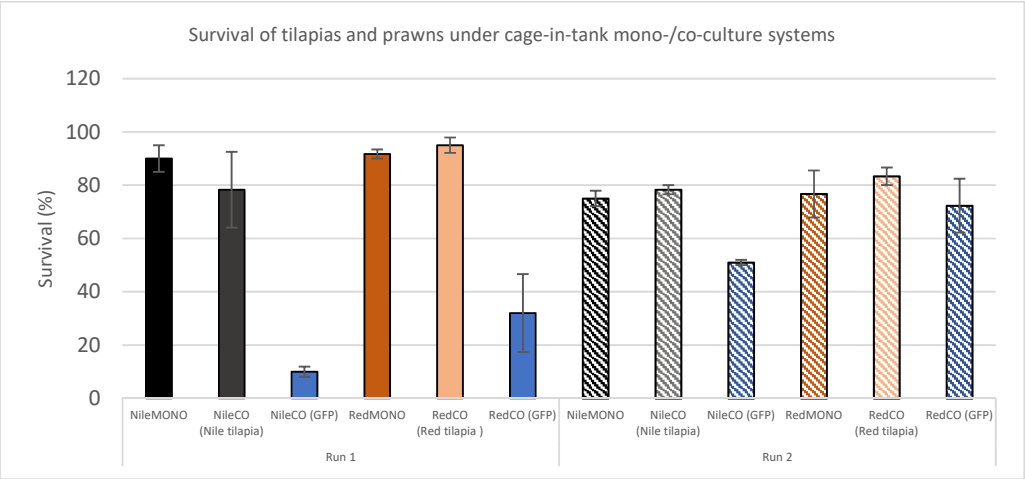


Figure S2. Survival of all the freshwater aquatic species reared in the cage-in-tank monoculture and/or co-culture systems. Note: NileMONO – I-ExCEL Nile tilapia survival in monoculture; NileCO (Nile tilapia) – I-ExCEL Nile tilapia survival in co-culture; NileCO(GFP) – prawn survival in co-culture with I-ExCEL Nile tilapia; RedMONO – Red tilapia survival in monoculture; RedCO (Red Tilapia) – red tilapia survival in co-culture; REDCO (GFP) – prawn survival in co-culture with red tilapia

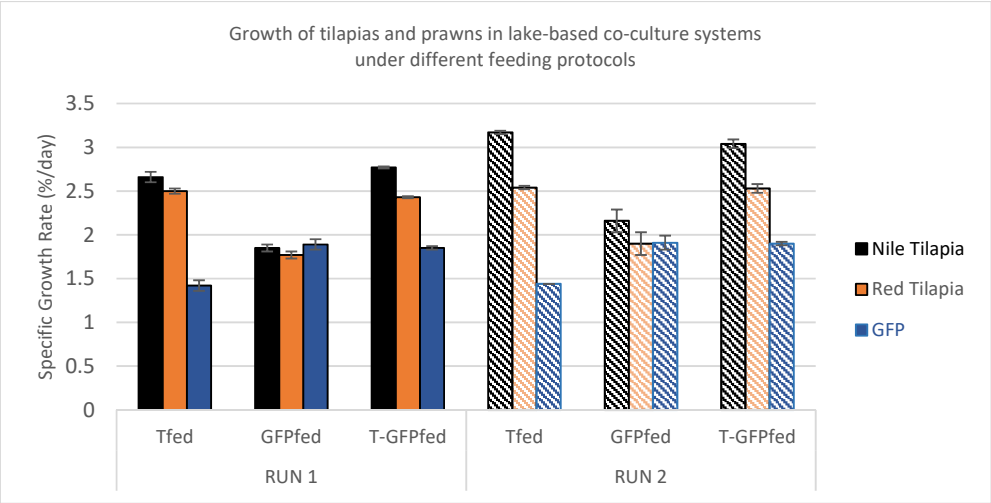


Figure S3. Specific growth rates of the tilapias and prawns reared in lake-based co-culture systems using different feeding schemes

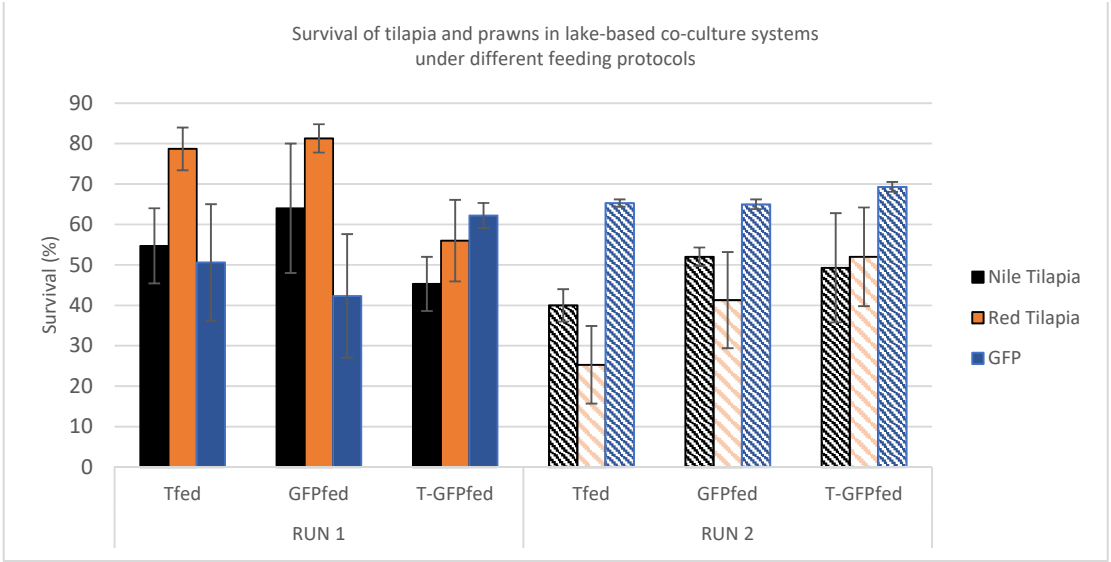


Figure S4. Survival of the co-cultured tilapias and prawns in the lake-based cages using different feeding protocols.

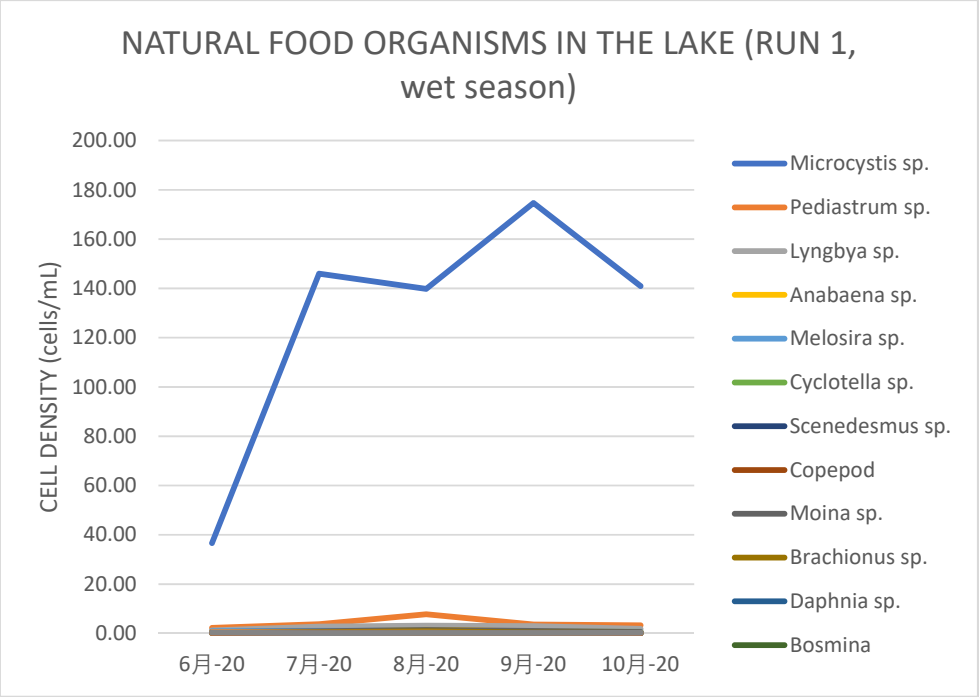


Figure S5. Results of plankton monitoring in the lake facility, wet season run

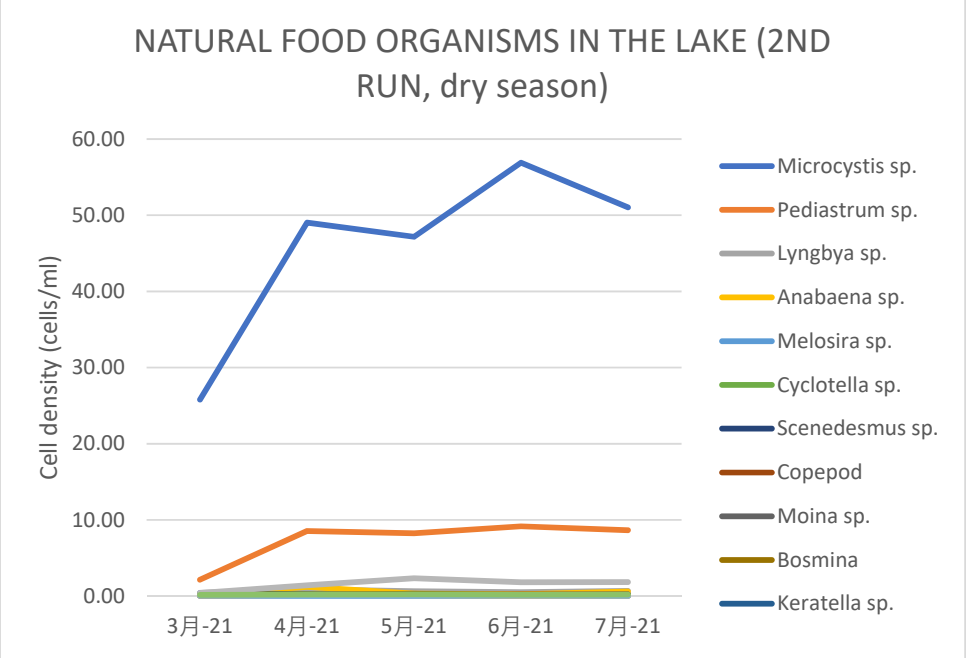


Figure S6. Results of plankton monitoring in the lake facility, dry season run