

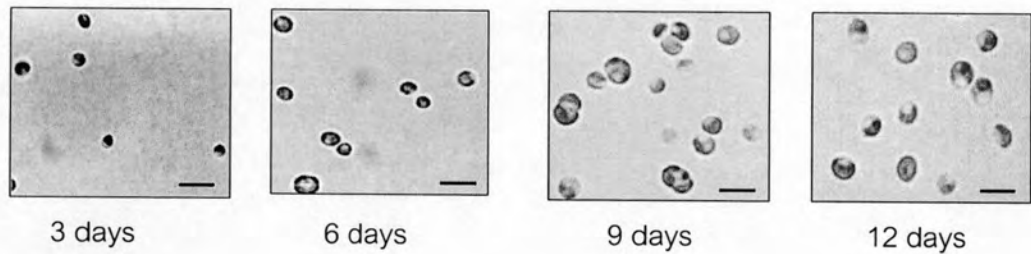
CHAPTER VI

CONCLUSION

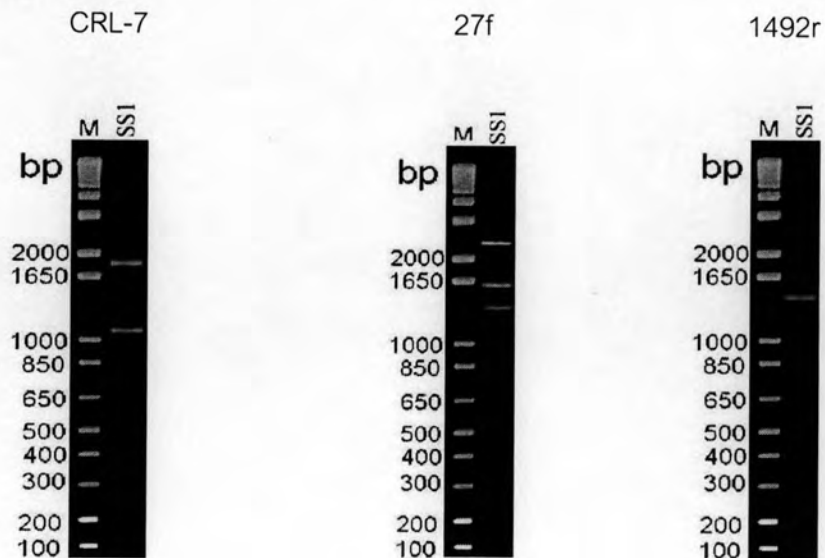
Five micro-green algal strains consisting of two *Chlorella* spp. strains and three *Scenedesmus* spp. strains were obtained in pure culture. β -carotene contents in mid-log phase cells (20 days) of *Chlorella* spp. strain SS1 and SS8, *Scenedesmus* spp. strain SS4, SS5, and SS9 were found to contain β -carotene in the range of 0.29-4.59 $\mu\text{g}\cdot\text{mg}^{-1}$ dry cell weight with *Chlorella* spp. containing more β -carotene than *Scenedesmus* spp. No Quercetin was detected in the algal cells under the experimental conditions.

Chlorella sp strains SS1 TISTR 8877

Morphology in BBM at 25 °C

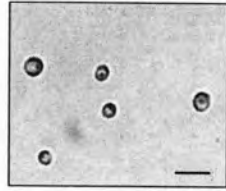


PCR-fingerprints

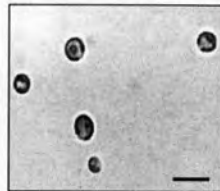


Chlorella sp strains SS8 TISTR 8878

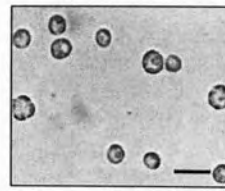
Morphology in BBM at 25 °C



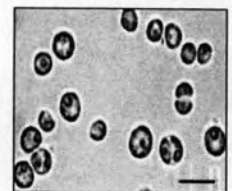
3 days



6 days

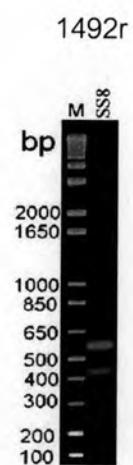
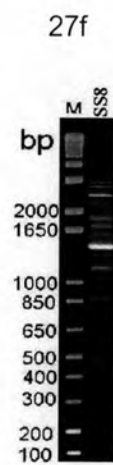
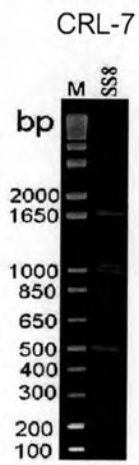


9 days



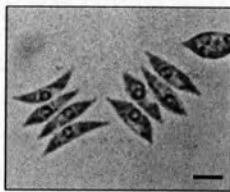
12 days

PCR-fingerprints



Scenedesmus sp strains SS4 TISTR 8879

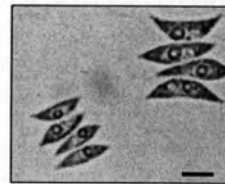
Morphology in BBM at 25 °C



3 days



6 days

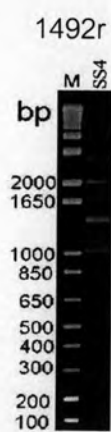
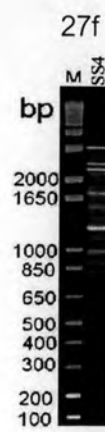
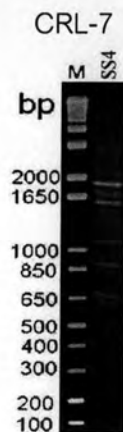


9 days



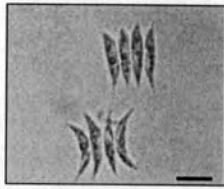
12 days

PCR-fingerprints

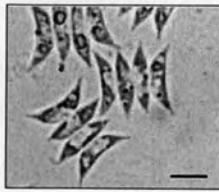


Scenedesmus sp strains SS5 TISTR 8880

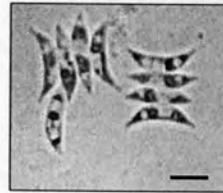
Morphology in BBM at 25 °C



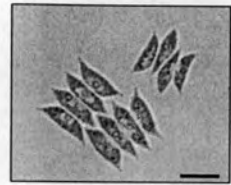
3 days



6 days

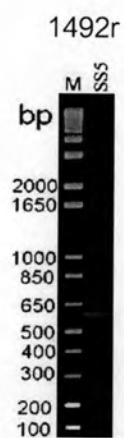
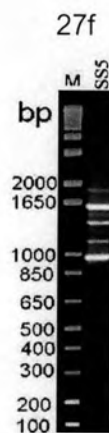
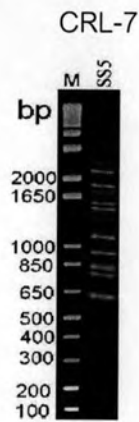


9 days



12 days

PCR-fingerprints

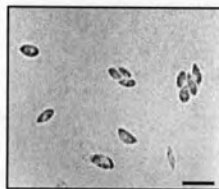


Scenedesmus sp strains SS9 TISTR 8881

Morphology in BBM at 25 °C



3 days



6 days



9 days



12 days

PCR-fingerprints

