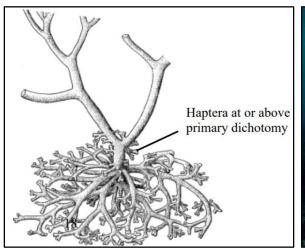


Macrocystis pyrifera (Adult)

Giant kelp adult (haptera at or above primary dichotomy)

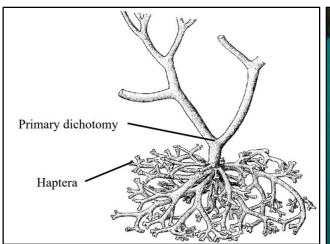




KFM Handbook Kenan Chan NPS

Macrocystis pyrifera (Subadult)

Giant kelp subadult (over 1 m tall)





KFM Handbook Kenan Chan NPS

Sargassum horneri (Adult)

Devil weed adult (> 0.5 m tall or reproductive)





KFM

Brett Seymour NPS-SRC

Sargassum horneri (Juvenile)

Devil weed juvenile (< 0.5 m tall)





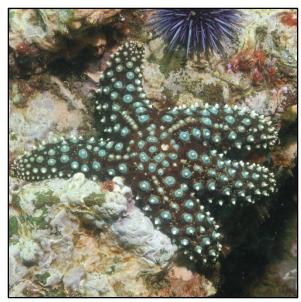
Kenan Chan NPS

Brett Seymour NPS-SRC

Pisaster giganteus

Giant spined sea star



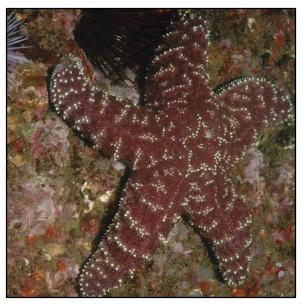


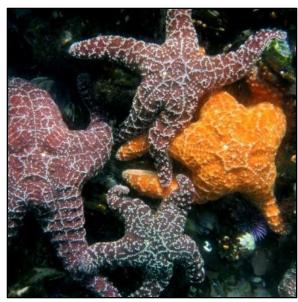
Kelly Moore NPS

Kelly Moore NPS

Pisaster ochraceus

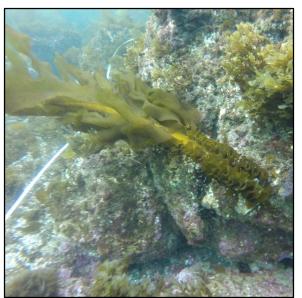
Ochre sea star





Undaria pinnatifida (Adult)

Wakame adult (greater than 0.5 m tall and well developed/reproductive sporophyll)

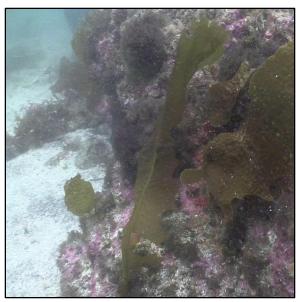




Undaria pinnatifida (Subadult)

Wakame subadult (greater than 0.5 m tall and not reproductive (can have beginning stages of sporophyll) but not well developed or mature sporophyll)





Undaria pinnatifida (Juvenile)

Wakame juvenile (juvenile = less than 0.5 m tall)

