

ALAN KAM Narrative5 SEPTEMBER 1979 - Survey of BAFS

0800 - enter BAFS and begin observations
at second rock groin (by Sherwood forest)

Tide is low, beginning to rise to high (1200)
Rock groin (Kailua side) predominantly covered
by Ulva while other side appears to be
something else (Sargassum?)

1 hour observation - No turtles sighted

Proceeded to walk to other groin, Beach
heavily used by military amphibians (6-8)
Turtle 'deposits' collected, both rock
and drier ones = 50-75 count.

Arrived at first study area (cottages).
Water flowing from river mouth, exceptionally
green in color, also quite distinct line
of mangrove seed pods in ocean. 1 turtle
observed to right side of groin,
quick breath, dive, est 40+ lbs, silty
covering of carapace, did not reappear.

2nd turtle sighted in same area - smaller
quick breath and dive. No other turtle
sightings in area, Much baitfish in water.

Algae collected from rocks (10+ types)

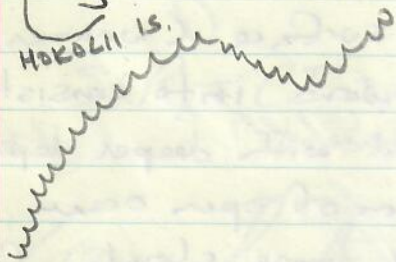
Returned to second rock groin, stayed
1/2 hour - nothing sighted, tide rising.
Picked up truck and went back to first
study area. 4 fishermen - not catching fish.
No turtles sighted, Travel to Coconut ls.
to drop algae + turtle deposits. 1400

KAM Survey

10 SEPTEMBER 1979

0900 Visit 'Checker Reef' to sample Spyridia and Ahnfeltia on SE portion of reef. There is a lot of Acanthophora + Dictyosphaeria. Picked up some fragile, fine textured algae that look to me to be what I wanted. Proceeded to the north end of the bay to look for the 'cave' by Chinaman's Hat (Mokolii Is.)

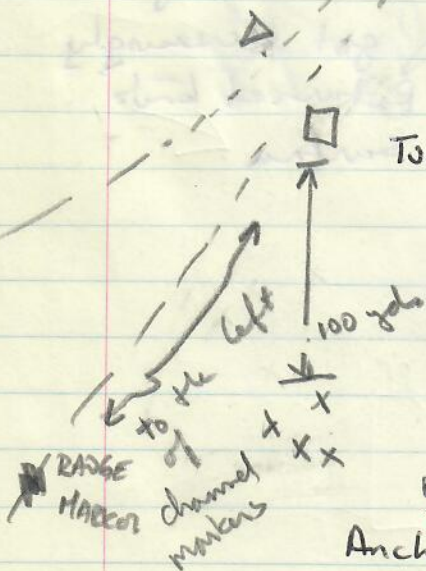
MOKOLII IS.

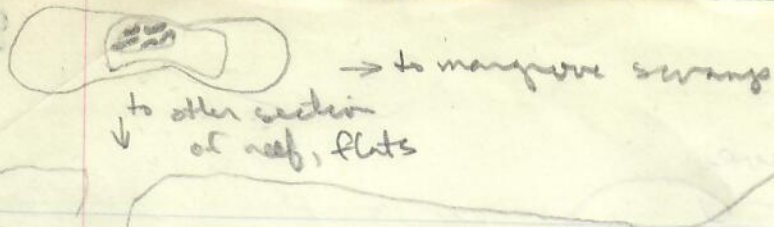
red
topped
buoy

While heading to destination observed 3+ turtles floating on the surface, larger size than Kahalo study area. Turtles tended to stay on the surface longer and then dove. One turtle with barnacles covering carapace $\approx 25''$

Turtles took their time on the surface, bottom-hard 20' deep. Anchored and drifted in area. Proceeded to red buoy and to look for cave. 15' deep, hard rock bottom slope, fair visibility no cave. Went to Kahalo study area.

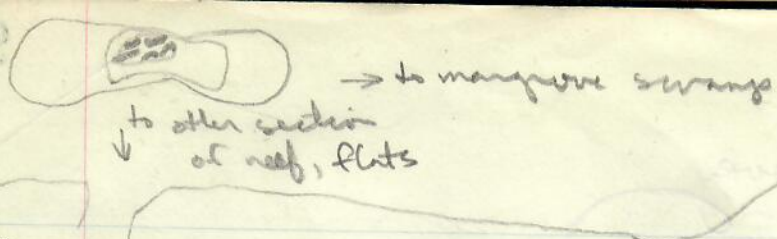
Anchored on top of reef in center of cave. 1 small turtle immediately popped up by boat near anchor line. Snorkel by





725"

boat and see two more turtles swimming way toward ~~shore~~ ^{shore} direction. Following the reef to shallower water, indicators of turtle habitation became apparent. Porites compressa had been scraped to form smooth ledges and overhangs that turtles could use to rest on the bottom. In the area where the reef is nearest to the surface (warmer waters?) the P.c. was worn into consistent rolling hillocks interspaced with deeper depressions. Proceeding in the direction of open ocean, as the water got deeper and more cloudy, first one turtle (heavily infested w/ barnacles on its carapace) and then another lifted themselves from small depressions and began swimming away. Visibility got increasingly poorer as depth increased. Returned boat to boat, no turtles seen on surface.



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BALAZS
1979

BALAZS - DAILY LOG 1/23/79 - 12/28/79