TAXONOMY AND BIOLOGY OF GORGONIANS AND BLACK CORALS

JULY 32-AUGUST 2007 BOCAS DEL TORO, PANAMA

DAY	Date	Day	AM		Lunch	Afternoon		Din	Evening	
	20-Jul	Friday	Non-AAUS divers arrive							
	21-Jul	Saturday	others arrive							
	22-Jul	Sunday	dive check out						organizational meeting ; introductions, go over syllabus, Intro to Octocoral systematics	MAC JS
1	23-Jul	Monday	Lec: Introduce ID terminology; Go over use of field keys; Introduce common gorgos in Bocas; prep for diving; sclerite preps and using Bayer for ids	J S H L		Field: Dive at Caranero, do field ids and make collections;			Lab: Continue spicule preps and ids	
						Start generating species lists; Lab: ; spicule preps and ids			Bar-coding Lecture- Amy Driskell (SI)	
2	24-Jul	Tuesday	Lec:Biology of Gorgos	J S		Lab: spicule preps and Ids Update species lists			Lab: spicule preps and Ids Update species lists	
			Field: Collections at Hospital Point			History, taxonomy and recent changes in the higher classification of black corals	D O		Lecture - Use of Black coral keys and field identification	DO
3	25-Jul	Wednesday	Field collections at Isla Poppa and Crawl Cay		?field lunch	Field collections at Isla Popa and Crawl Cay			Lab: spicule preps and Ids Update species lists	
4	26-Jul	Thursday	Lab: spicule preps and Ids Update species lists			Lab: spicule preps and Ids Update species lists			Lab: Continue spicule preps and ids	

			Lec: Biology and ecology of Black corals	JS		?Field Collections- Boca del Drago or other field site			Lecture: Octocoral-zooxanthellae symbiosis	MAC
5	27-Jul	Friday	Windward sites with strange species such as G. mariae (the pinnate form) and Muriceopsis bayeri			Lab: spicule preps and Ids Update species lists			group discussion and project selection	
						Lec: Ecology of Gorgos	HL			
6	28-Jul	Saturday	Lecture: Octocoral phylogenetics and systematics	JS		projects				
			? Field trip for projects			? Field trip for projects				
7	29-Jul	Sunday	Lec: Ecology of Gorgos	HL		free time/projects				
8	30-Jul	Monday	Field collections -- where?			Lab: spicule preps and Ids Update species lists			Group discussion (evening): Spicules/field ids/molecular -- how to id gorgos?	
9	31-Jul	Tuesday	Project day							
10	1-Aug	Wednesday	project presentations							
11	2-Aug	Thursday	Participants leave							