

Table S1. Intralesional organisms and predominant microscopic morphologic diagnoses observed among the gross morphologies of *Gorgonia ventalina* multifocal purple spots lesions in St. Kitts.

Gross morphology	Pigmentation only	Pigmentation with branchlet expansion	Pigmentation with sessile masses	Pigmentation with hard nodule	Total
No. biopsies	2	12	15	3	32
Predominant microscopic lesion					
Amoebocyte encapsulation	–	4	4	–	8
Coenenchymal amoebocytosis	–	3	2	–	5
Melanin deposition	1	3	8	–	12
Gorgonin deposition	1	2	1	3	7
Intralesional organisms					
Barnacle	–	–	7	–	7
Algae	2	4	3	3	12
Cyanobacteria	–	2	5	1	8
Fungi	1	1	1	1	4
Labyrinthulid	–	–	–	–	0
None	–	5	3	–	8

Table S2. Intralesional organisms and predominant microscopic morphologic diagnoses observed among the gross morphologies of *Gorgonia flabellum* multifocal purple spots lesions in St. Kitts.

Gross morphology	Pigmentation only	Pigmentation with branchlet expansion	Pigmentation with sessile masses	Pigmentation with hard nodule	Total
No. biopsies	2	7	2	2	13
Predominant microscopic lesion					
Amoebocyte encapsulation	–	1	–	–	1
Coenenchymal amoebocytosis	–	–	1	–	1
Melanin deposition	2	2	1	–	5
Gorgonin deposition	–	4	–	2	6
Intralesional organisms					
Barnacle	–	–	–	–	0
Algae	–	6	–	2	8
Cyanobacteria	–	–	1	–	1
Fungi	–	4	–	–	4
Labyrinthulid	–	1	–	–	1
None	2	–	1	–	3