## **Supplementary material**

## BioMar-ACG: A successful partnership to inventory and promulgate marine biodiversity

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TABLE S1. Number of samples, number of species, possible new species, new records for ACG and new records for Costa Rica.

Taxonomic group	# of	# of species	Possible	New	New
	samples	1	new	records	records
	•		species	ACG	Costa Rica
Cyanophyta	11	5	3	4	4
Chlorophyta	45	19	19 1		4
Ochrophyta	37	23	6	17	10
Rhodophyta	137	62 5		59	9
Porifera	167	18	6	24	19
Cnidaria	132	47	6	8	6
Hydrozoa	53	13	1	3	2
Scleractinia	56	15	0	1	0
Octocorallia	20	16 3		2	3
Anthipatharia	2	2	1	1	1
Pennatulacea	1	1	1	1	0
Mollusca	706	166	5	137	8
Annelida	536	70	10	46	10
Nemertea	25	5	5	5	5
Kinorhyncha	7	4	4	4	4
Gastrotrichia	9	9	4	9	9
Brachiopoda	1	1	0	1	0
Phoronida	1	1	0	1	0
Crustacea	2650	209	6	99	9
Decapoda	2499	200	6	95	8
Stomatopoda	151	9	1	4	1
Echinodermata	497	57	4	40	4
Asteriodea	56	7	0	6	0
Ophiuroidea	159	13	1	13	1
Holothuroidea	192	26	3	11	3
Echinoidea	90	11	0	10	0
Chordata	2382	427	4	416	18
Urochordata	95	11	2	11	9
Elasmobranchii	27	14	0	14	1
Actinopterygii	2260	402	2	391	8
TOTALS	7343	1123	69	885	119

TABLE S2. Number of species at ACG compared with other areas in Costa Rica and elsewhere in the eastern tropical Pacific.

	Number of	Areas	Reference
	species	km <sup>2</sup>	
Gulf of California, México	5,910	160,000	Hendrickx et al. 2005
Pacific Costa Rica	4,745	15,800	Wehrtmann et al. 2009
Galápagos Islands, Ecuador	3,089	133,000	Hickman 2009
Oaxaca, México	2,157	15,000	Bastida-Zavala et al. 2013
Isla del Coco, Costa Rica	1,688	318	Cortés 2012
Área de Conservación Guanacaste	1,479	430	This study
Golfo Dulce, Costa Rica	1,028	802	Morales-Ramírez 2011
El Salvador	968	17,681	Barraza 2000, Barraza 2014a, b
Clipperton Atoll, France	857	20	Charpy 2009
Bahía Culebra, Costa Rica	577	24	Cortés et al. 2012

## **FIGURE CAPTIONS:**

FIGURE S1. (A) Collecting in the intertidal zone, a dead coral reef, and by dredging, (B) photograph in the field and in the laboratory, (C) identifying organisms, (D) sampling for barcode analysis, (E) archived specimens at the Museo de Zoología, Universidad de Costa Rica.

FIGURE S2. (A) Researchers, students and parataxonomists in the field, Islas Murciélago. (B) Students processing samples in the laboratory at the Universidad de Costa Rica. (C) One of the public talks in Cuajiniquil attended by a diverse group of people.



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