The following supplement accompanies the article

Long-term no-take marine reserve and benthic habitat effects on fishery targeted and non-targeted coral reef fishes

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Table S1. Summary of top models used for obtaining model average coefficients (see Table 1 in the main text) for (a) targeted species (lethrinids and lutjanids) density, (b) non-targeted species (pomacentrids) density, and (c) total hard coral cover at Apo, Sumilon, Mantigue, and Selinog Islands. Shown are degrees of freedom (df), model maximum log-likelihood (logLik), corrected Akaike's information criterion (AICc), changes in AICc with respect to the top ranked model (ΔAICc) and AICc weights (wAICc). The top ranked model according to the lowest AICc value is in **bold**. DS = dead substratum cover, HC = hard coral cover, SC = soft coral cover, SCI = structural complexity.

Variable	Location	Model	df	logLik	AICc	ΔAICc	wAICc
(a) Targeted species	Apo	**Status*Time+HC**	7	-517.48	1049.50	0.00	0.35
		Status*Time+HC+DS	8	-517.14	1050.96	1.46	0.17
		Status*Time+HC+SC	8	-517.16	1051.01	1.51	0.17
		Status*Time+SC+DS	8	-517.17	1051.03	1.53	0.16
		Status*Time+HC+Slope	8	-517.25	1051.20	1.70	0.15
	Sumilon	**Status*Time**	6	-442.85	898.40	0.00	0.71
		Status*Time+HC	7	-442.63	900.21	1.81	0.29
	Mantigue	**Status*Time+HC+SC**	8	-125.00	269.89	0.00	0.26
		Status*Time+HC	7	-126.56	270.07	0.18	0.24
		Status+Time+HC	6	-128.04	270.23	0.34	0.22
		Status+Time+HC+SC	7	-127.02	270.98	1.09	0.15
		Status*Time+SC+DS	8	-125.76	271.41	1.52	0.12
	Selinog	**Status+SC+DS**	6	-147.56	308.77	0.00	0.30
		Status+HC+SC	6	-147.78	309.21	0.44	0.24
		Status+Year+SC+DS	7	-146.81	309.87	1.10	0.18
		Status+Year+HC+SC	7	-146.95	310.14	1.36	0.15
		Status+HC+DS	6	-148.44	310.52	1.75	0.13
(b) Non-targeted species	Apo	**HC+SC**	5	-133.33	276.95	0.00	0.25
		Status+Slope+HC+SC	7	-131.75	278.04	1.09	0.15
		SCI+HC+SC	6	-132.95	278.30	1.35	0.13
		HC+DS	5	-134.01	378.30	1.36	0.13
		Slope+HC+SC	6	-133.02	378.45	1.50	0.12
		Status+HC+SC	6	-133.05	278.49	1.54	0.12
		Year+HC+SC	6	-133.11	278.61	1.66	0.11

Variable	Location	Model	df	logLik	AICc	ΔAICc	wAICc
	Sumilon	**Slope+DS**	5	-19.00	48.51	0.00	0.22
		Status+DS	5	-19.06	48.62	0.12	0.20
		Slope+SCI	5	-19.75	49.99	1.49	0.10
		Year+Slope+DS	6	-18.65	50.01	1.50	0.10
		Slope+SCI+DS	6	-18.69	50.09	1.58	0.10
		Status+Year+DS	6	-18.73	50.17	1.67	0.09
		Status+SCI	5	-19.86	50.22	1.71	0.09
		Status+SCI+DS	6	-18.76	50.22	1.71	0.09
	Mantigue	**Year+HC+SC**	6	-5.35	24.82	0.00	0.25
		Year+HC+DS	6	-5.48	25.12	0.30	0.22
		Year+DS	5	-7.02	25.53	0.71	0.18
		Year+HC	5	-7.33	26.16	1.33	0.13
		Year+HC+SC+DS	7	-4.63	26.21	1.38	0.13
		HC+SC	5	-7.57	26.63	1.81	0.10
	Selinog	**Status*Time**	7	16.85	-17.46	0.00	0.31
		Status*Time+SC+DS	8	18.05	-17.15	0.31	0.26
		Status*Time+HC+SC	8	18.02	-17.11	0.36	0.26
		Status*Time+HC+DS	8	17.65	-16.36	1.11	0.18
(c) Hard coral cover	Apo	**Status*Time**	6	-902.12	1816.60	0.00	1.00
	Sumilon	**Status**	4	-466.58	941.50	0.00	0.69
	Mantigue	**Status*Time**	6	-156.27	326.70	0.00	1.00
	Selinog	**Status*Time**	6	-154.96	323.60	0.00	0.76

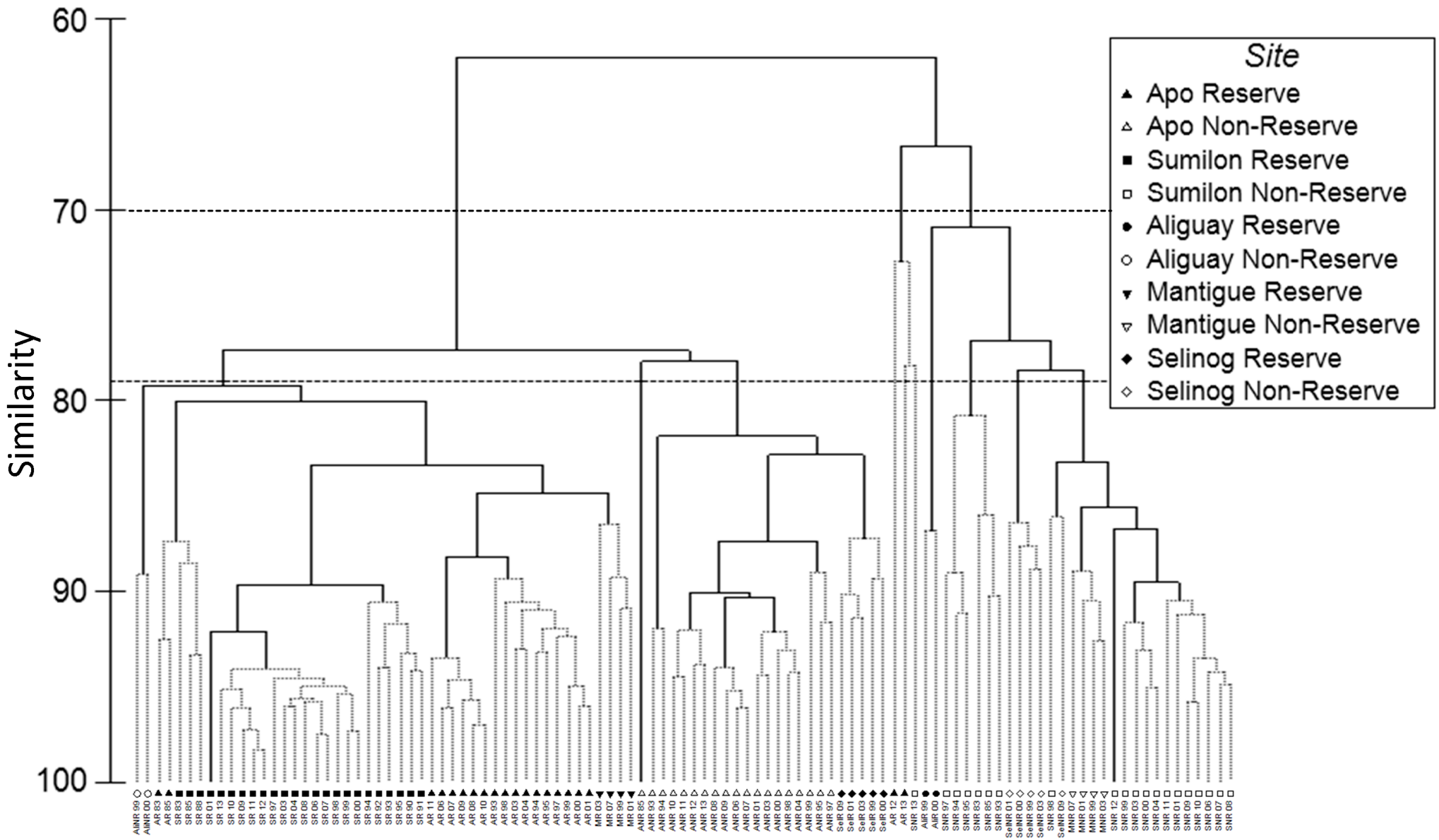

Figure S1. Hierarchical cluster dendrogram with SIMPROF significance testing (1000 permutations) based on group averages and Bray-Curtis similarity matrix of pomacentrid species assemblage at five marine reserve and control sites in the central Philippines. Black solid lines show groupings that are significant at the 0.05 level; grey dashed lines are not significant. Black dashed horizontal lines show group similarity levels of 70% and 79%.

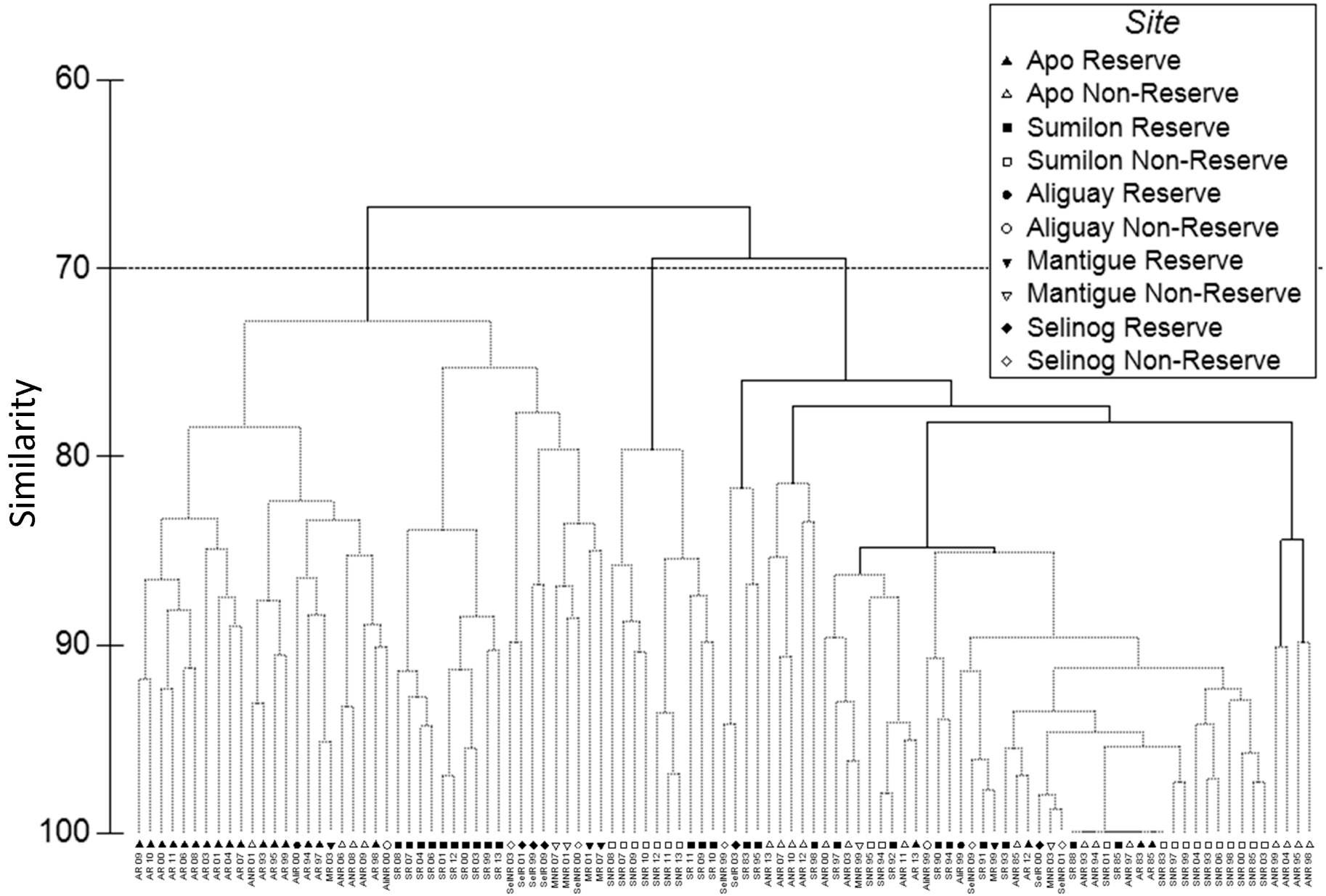

Figure S2. Hierarchical cluster dendrogram with SIMPROF significance testing (1,000 permutations) based on group averages and Bray-Curtis similarity matrix of lethrinid/lutjanid species assemblage at five marine reserve and control sites in the central Philippines. Black solid lines show groupings that are significant at the 0.05 level; grey dashed lines are not significant. Black dashed horizontal line shows group similarity level of 70%.