

Supplement

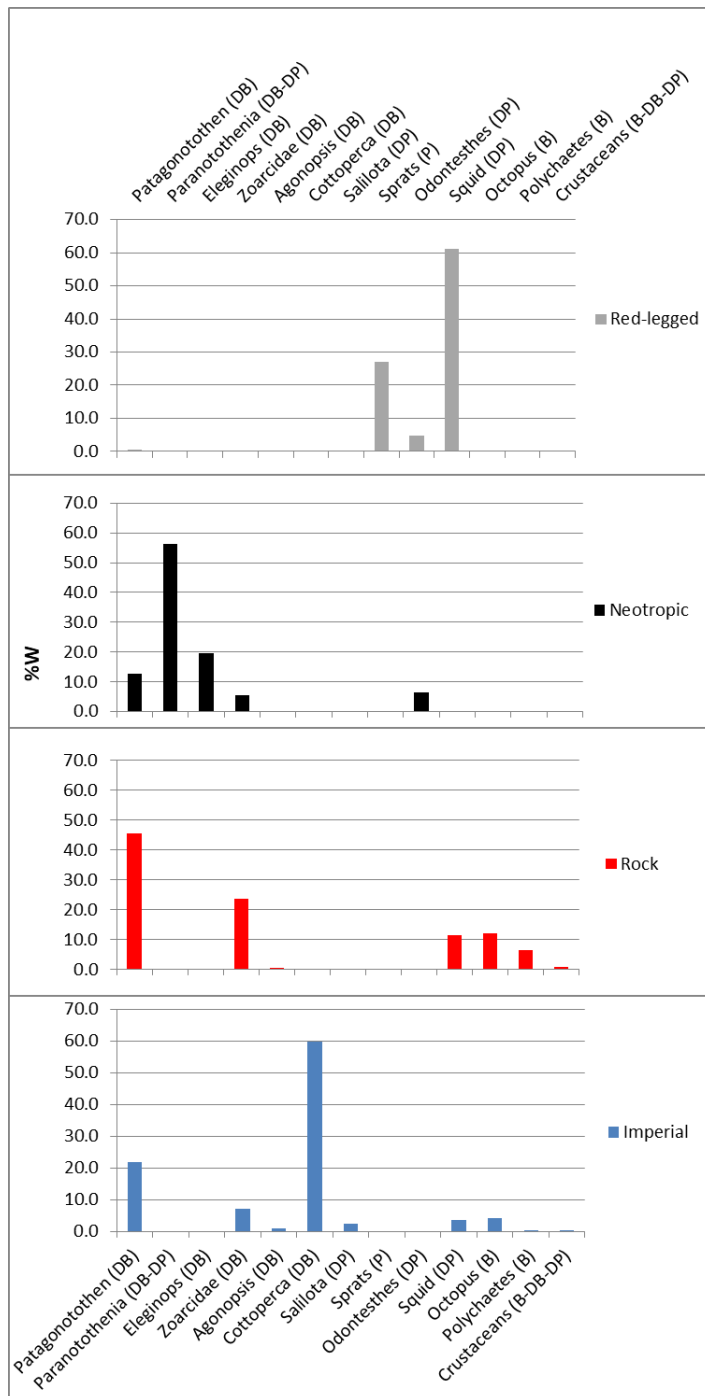


Fig. S1. Percentage estimated wet weight (%W) of the main prey in the diet of red-legged, Neotropic, rock and imperial cormorants. Selected prey are the fishes *Patagonotothen* spp., *Paranotothenia magellanica*, *Eleginops maclovinus*, Zoarcidae spp., *Agonopsis chilensis*, *Cottoperca gobio*, *Salilota australis*, sprats (*Sprattus fueguensis* / *Ramnosgaster arcuata*), *Odontesthes* spp., squid (*Dorytheutis gahi*), octopus (*Enteroctopus megalocyathus*), polychaetes and crustaceans. The ecological group of each prey is shown in parentheses (P=pelagic, B=benthic, DP=demersal pelagic, DB=demersal benthic).

Table S1. Different niche breadth parameters for the four cormorant species: red-legged, Neotropic, rock and imperial. Richness represents the overall number of animal species (or lower identified specific taxon) composing the diet. H'_N and H'_W are overall Shannon Diversity Indices based, respectively, on number (N) and biomass (W) of specific prey types. Isotopic niche areas are the average areas of the SEA_B ellipses situated in the $\delta^{13}C$ - $\delta^{15}N$ bivariate space for the three study years (only two in Imperial).

	Red-legged	Neotropic	Rock	Imperial
Richness (S)	16	8	26	21
Diversity H'_N	0.59	0.97	1.59	2.02
Diversity H'_W	0.83	1.23	1.43	1.19
Isotopic niche (‰²)	0.14	0.78	0.51	0.21

Table S2. Mean distance to the nearest colony or roosting site (in meters; range in brackets), Nearest Neighbor Index (NNI) and 95% kernel area (km²) for each cormorant's species when considering A) all records together (*solo* and *flocks*), and B) only *solo* feeding records (excluding flocks). Results for the Rock cormorant are only showed in B, since all its feeding events were solo (no flocks). RL: red-legged, Rock, Neo: Neotropic, and Imp: imperial.

A) ALL RECORDS (SOLO AND FLOCKS)					B) SOLO RECORDS ONLY				
	n	Mean distance (m) to nearest colony (range)	Nearest Neighbor Index	95% area (km ²)		n	Mean distance (m) to nearest colony (range)	Nearest Neighbor Index	95% area (km ²)
RL	669	1075 (61-6618)	0.24	17.6	RL	376	1060 (61-6618)	0.31	18.9
Rock	-	-	-	-	Rock	218	3520 (122-9438)	0.42	17.4
Neo	523	2987 (376-10168)	0.21	10.9	Neo	253	5224 (376-10168)	0.29	15.5
Imp	1117	4115 (177-16998)	0.25	8.8	Imp	387	9413 (220-16998)	0.38	27.2