Supporting information to:

Distribution patterns predict individual specialization in the diet of Dolphin Gulls

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Content:

**Figure S18. Kernel density analyses of GPS data of Dolphin Gulls *Leucophaeus scoresbii*.** The 50, 60, 70, 80, 90 and 95% density contour areas of tagged dolphin gulls that repeatedly attended seabird and seal colonies (denoted as ‘colony feeders’). GPS locations of colony feeders are marked with triangles. Mussels, seals and seabirds present per site: site 1) Imperial Shags *Leucocarbo atriceps*, Rockhopper Penguins *Eudyptes chrysocome*, Black-browed Albatrosses *Thalassarche melanophris*; site 2) Imperial Shags and Rock Shags *Phalacrocorax magellanicus*, Fur Seals *Arctocephalus australis*; site 3) Rock Shags; site 4) Blue Mussel *Mytilus edulis chilensis*; site 5) Imperial and Rock shags; site 6) Imperial and Rock shags, Southern Giant-petrels *Macronectes giganteus*; site 7) Imperial and Rock shags. The Dolphin Gull colony at New I. is indicated with a white square. A second Dolphin Gull colony in the region is marked with a black square.

**Figure S19. Kernel density analyses of GPS data of Dolphin Gulls *Leucophaeus scoresbii*.** The 50, 60, 70, 80, 90 and 95% density contour areas of tagged dolphin gulls that repeatedly attended mussel beds (denoted as ‘mussel feeders’). GPS locations of mussel feeders are marked with circles. Mussels, seals and seabirds present per site: site 1) Imperial Shags *Leucocarbo atriceps*, Rockhopper Penguins *Eudyptes chrysocome*, Black-browed Albatrosses *Thalassarche melanophris*; site 2) Imperial Shags and Rock Shags *Phalacrocorax magellanicus*, Fur Seals *Arctocephalus australis*; site 3) Rock Shags; site 4) Blue Mussel *Mytilus edulis chilensis*; site 5) Imperial and Rock shags; site 6) Imperial and Rock shags, Southern Giant-petrels *Macronectes giganteus*; site 7) Imperial and Rock shags. The Dolphin Gull colony at New I. is indicated with a white square. A second Dolphin Gull colony in the region is marked with a black square.