

Autopsy Report – Seabirds killed and returned from the 2008-09 fishing year

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Contract INT2007/02

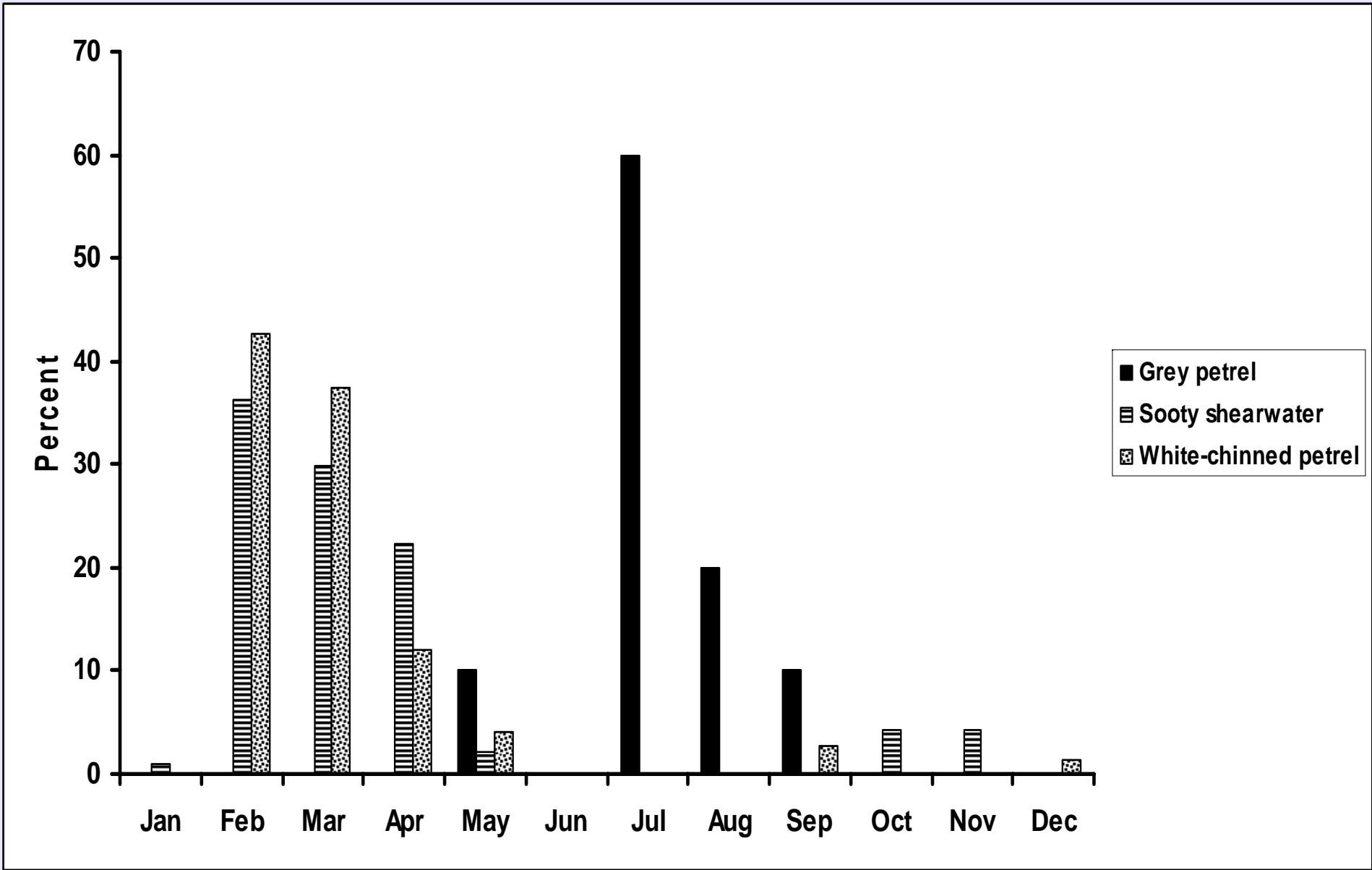


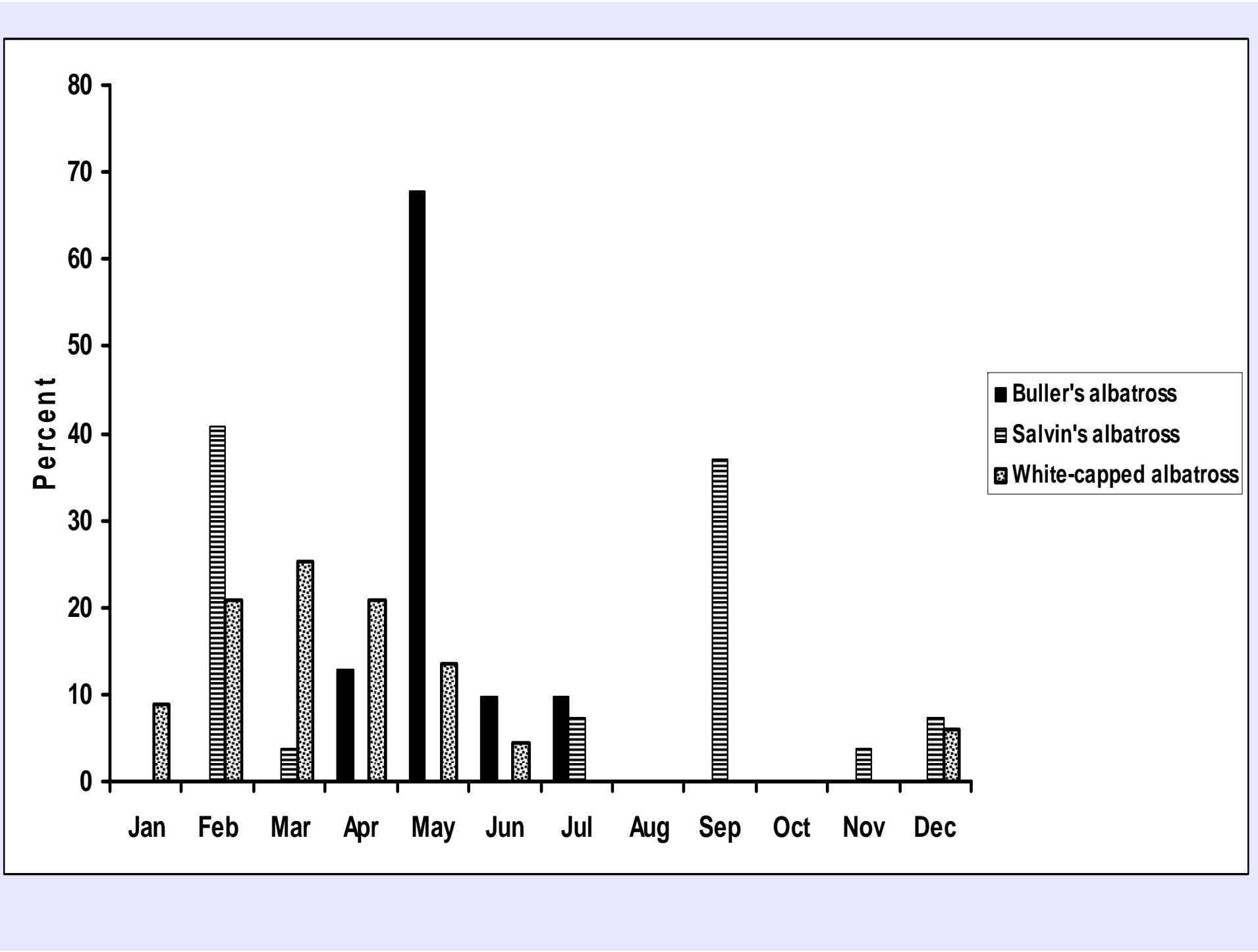
Summary...

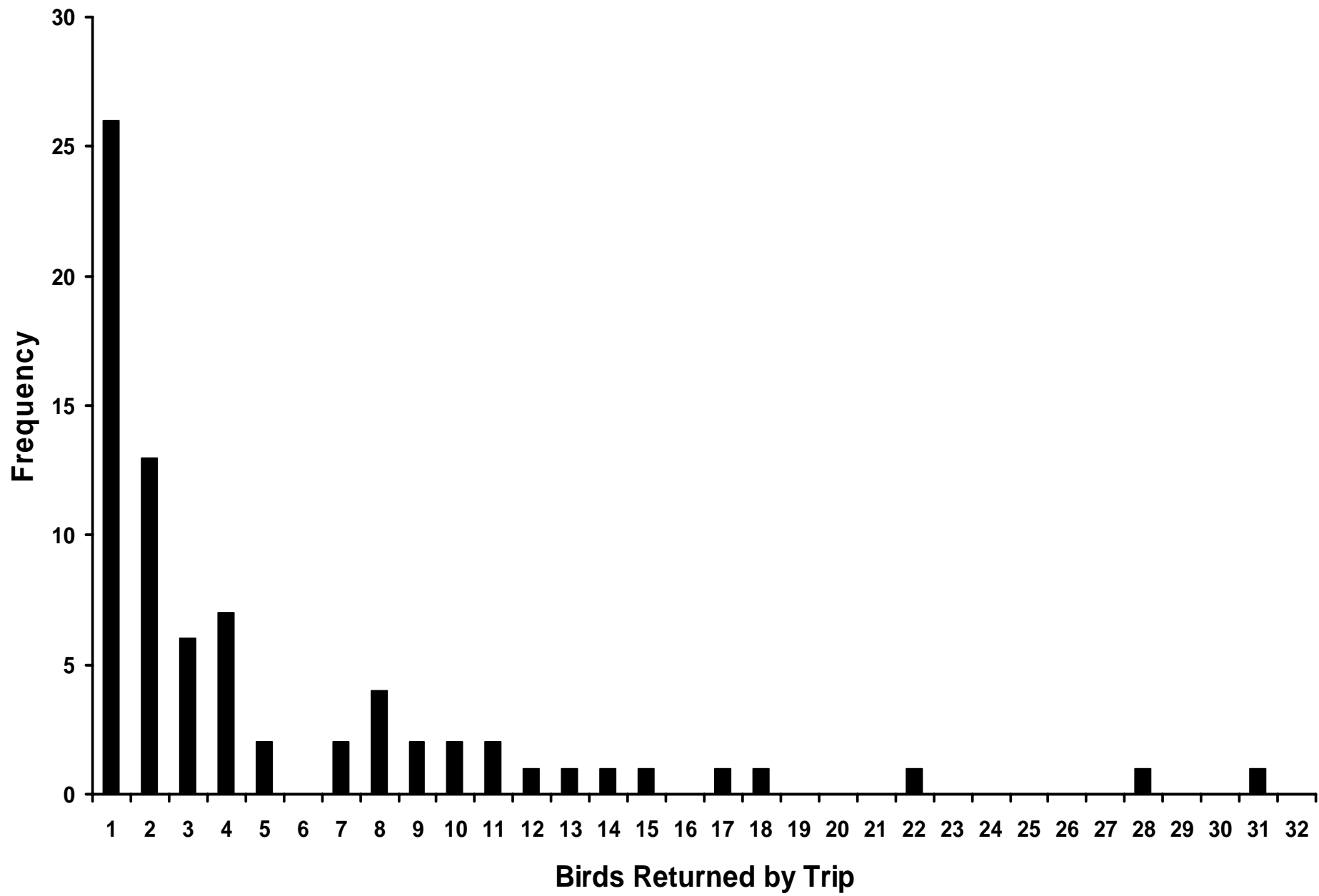
- **385 specimens returned, 28 taxa**
- **1 blue penguin gaffed**
- **75 trips, 62 vessels**
- **60% of specimens XSH, XWC & XWM**
- **79% of specimens 6 spp. (XBM, XGP & XSA)**
- **33 spotted shag, 32 from 1 trip**
- **9 black petrel**
- **4 marked birds (1 XBP, 3 XYP)**

Birds returned...

- **71% male, 23% female**
- **95% XSH & 85% XWC male**
- **67% XGP female**
- **92% adult**







Species	C. Tuna	D. Tuna	Snapper	Other	Hoki	Squid	Scampi	Other	Shark S.
Black petrel		1	8						
Buller's albatross	15				3	2	1	10	
Grey petrel	5	1		4					
Salvin's albatross	2				3	1	10	11	
Sooty shearwater					15	51		28	
Spotted shag								33	
White-capped albatross	2	1			4	43		17	
White-chinned petrel	2	1		1	1	65		5	
Yellow-eyed penguin									4
% Total	7	2	3	2	8	43	4	29	1

Likely cause of death (%)

Species Group	Longline – Hook/Snood					Trawl			
	Bill	Wings	Legs	Body	N/O	Warp	Net	Set N	Deck
Total	50	16	5	10	19	18	82		
Albatross	62	33	0	33	27	88	22	0	0
Non-Albatross	38	67	100	67	73	12	78	100	100

XWM: 31 warp, 33 net

Stomach contents, albatrosses (%)

Stomach Contents	C. Tuna	D. Tuna	Snapper	Other	Hoki	Squid	Scampi	Other
No stomach	5	20			36	23		14
Empty	65	80		100	27	28		18
Natural?	5					2	9	
Bait	10							
Bait + Natural								
Bait + Discards	5							
Discards	10				36	45	91	69
Discards + Nat						2		
No. Birds	20	5	0	1	11	47	11	39

Stomach contents, non-albatrosses (%)

Stomach Contents	C. Tuna	D. Tuna	Snapper	Other	Hoki	Squid	Scampi	Other
No stomach		25		13		3		4
Empty	14		38	13	47	48	33	33
Natural?		50	15	25	32	16	67	51
Sludge	14				5			
Bait	43		23	38				
Bait + Natural		25	8					
Bait + Discards								
Discards	29		15	13	16	34		8
No. Birds	7	4	13	8	19	120	3	72

Identifications...

- **66% correct**
- **9% incorrect (12 of 67 XWM as XSY)**
- **10 XSA and 10 XWM as XAL**
- **16% as 'generic' grouping, inc 32 XPP and 19 of 75 XWC**
- **4% no ID**