

# Supporting Information

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**Table S1. Species recorded during 10-min point counts at urban study properties in northern Auckland, New Zealand, over an experimental bird feeding study**

Species	Scientific name	Primary diet*	Overall richness measures	Community analysis	Species response GLMMs	Occupancy overall (%)
House sparrow <sup>†</sup>	<i>Passer domesticus</i>	G	X	X	X	96.6
Eurasian blackbird <sup>†</sup>	<i>Turdus merula</i>	I, F	X	X	X	91.1
Silvewren	<i>Zosterops lateralis</i>	I, F, N	X	X	X	90.8
Common myna <sup>†</sup>	<i>Acridotheres tristis</i>	O	X	X	X	87.4
Tūī	<i>Prothemadera novaeseelandiae</i>	N	X	X	X	69.3
Spotted dove <sup>†</sup>	<i>Streptopelia chinensis</i>	G	X	X	X	65.2
Common starling <sup>†</sup>	<i>Sturnus vulgaris</i>	I, F	X	X	X	54.8
Song thrush <sup>†</sup>	<i>Turdus philomelos</i>	I, F	X	X	X	48.9
Eastern rosella <sup>†</sup>	<i>Platycercus eximius</i>	G, F, H	X	X	X	34.7
Grey warbler	<i>Gerygone igata</i>	I	X	X	X	32.8
New Zealand fantail	<i>Rhipidura fuliginosa</i>	I	X	X	X	25.3
Chaffinch <sup>†</sup>	<i>Fringilla coelops</i>	G, I, F	X	X	X	16.2
Welcome swallow	<i>Hirundo neoxena</i>	I	X	X	X	11.7
Goldfinch <sup>†</sup>	<i>Carduelis carduelis</i>	G	X	X	X	11.6
New Zealand kingfisher	<i>Todiramphus sancta</i>	I, C	X	X	X	9.2
Southern black-backed gull	<i>Larus dominicanus</i>	C, O	X	X	X	8.4
Greenfinch <sup>†</sup>	<i>Carduelis chloris</i>	G	X	X	X	6.4
New Zealand pigeon	<i>Hemiphaga novaeseelandiae</i>	F, H	X	X	X	4.4
Barbary dove <sup>†</sup>	<i>Streptopelia roseogrisea</i>	G	X	X	X	2.3
Spur-winged plover	<i>Vanellus miles</i>	I	X	X	X	2.3
Red-billed gull	<i>Larus novaehollandiae</i>	I, C	X	X	X	2.0
Shining cuckoo	<i>Chrysococcyx lucidus</i>	I	X	X	X	1.7
Australian magpie <sup>†</sup>	<i>Gymnorhina tibicen</i>	I, O	X	X	X	1.2
Yellowhammer <sup>†</sup>	<i>Emberiza citrinella</i>	G, I	X	X	X	1.0
Rock pigeon <sup>†</sup>	<i>Columba livia</i>	G	X	X	X	0.8
Mallard <sup>†</sup>	<i>Anas platyrhynchos</i>	H	X	X	X	0.8
Australasian harrier	<i>Circus approximans</i>	C	X	X	X	0.5
Variable oystercatcher	<i>Haematopus unicolor</i>	M, I	X	X	X	0.5
Pukeko	<i>Porphyrio porphyrio</i>	H, O	X	X	X	0.3
Californian quail <sup>†</sup>	<i>Callipepla californica</i>	G, H, I	X	X	X	0.3
Pheasant <sup>†</sup>	<i>Phasianus colchicus</i>	H, G, I	X	X	X	0.3
Pied stilt	<i>Himantopus himantopus</i>	I	X	X	X	0.2
White-faced heron	<i>Ardea novaehollandiae</i>	C, I	X	X	X	0.0

Species are listed in order of the most frequently observed (given as a percentage of all counts,  $n = 597$ ). An indication of which species have been included for each analysis is also given.

\*Primary dietary component/s [derived from Heather and Robertson (1)]: C, carnivore (vertebrate prey); F, frugivore; G, granivore; H, herbivore; I, insectivore (insect and invertebrate prey); M, molluscivore; N, nectarivore; O, omnivore (broad diet which may include invertebrates, lizards, chicks, eggs, carrion, fruit, seeds, refuse or waste); NB, main dietary component listed first where two or more components given.

<sup>†</sup>Introduced species.

1. Heather B, Robertson H (1996) *The Field Guide to the Birds of New Zealand* (Viking, Auckland).

