

Group hunting within the Carnivora: physiological, cognitive and environmental influences on strategy and cooperation

Authors: Ida Bailey, Julia P Myatt and Alan M Wilson

Structure and Motion Lab., The Royal Veterinary College, Hatfield, Herts, AL9 7TA

Corresponding author: Dr Ida Bailey, e-mail: ieb3@standrews.ac.uk

Current addresses: School of Biology, University of St Andrews, St. Mary's College South Street, St. Andrews, Fife, Scotland, KY16 9JP

Online Resource 1: A summary of non-carnivoran species for which there are published accounts of intraspecific cooperative hunting of a target prey individual by two or more hunters. This is not an exhaustive list and does not include anecdotal/unpublished accounts that exist for additional species.

Order	Family	Common name	Latin name	Example Reference(s)
Aves	Corvidae Corvids	Brown-Necked Raven	<i>Corvus ruficollis</i>	(Yosef and Yosef 2010b)
		Common Raven	<i>Corvus corax</i>	(Hendricks and Schlang 1998)
		Florida Scrub-Jays	<i>Aphelocoma coerulescens</i>	(Bowman 2003)
		American Crows	<i>Corvus brachyrhynchos</i>	(Lefevre 2005)
	Laniidae Shrikes	Northern Shrikes	<i>Lanius excubitor invictus</i>	(Hannah 2005)
		Loggerhead Shrikes	<i>Lanius ludovicianus</i>	(Frye and Gerhardt 2001)
	Falconidae Falcons	Peregrine Falcons	<i>Falco peregrines</i>	(Ellis 2006)
		Black Falcon	<i>Falco subniger</i>	(Hollands 2003)
		Brown Falcon	<i>Falco berigora</i>	(Mooney 1989)
		Grey Falcon	<i>Falco hypoleucos</i>	(Czechura and Debus 1985)
		Red-necked Falcon	<i>Falco chicquera</i>	(Malan 1991)
		Aplomado Falcon	<i>Falco femoralis</i>	(Brown et al. 2004)
		Lanner Falcon	<i>Falco biarmicus</i>	(Leonardi 1999)
		Taita Falcons	<i>Falco fasciinucha</i>	(Hartley et al. 1993)
		Hobbies	<i>Falco subbuteo</i>	(Poot 1991)
		Merlin	<i>Falco columbarius</i>	(Buchanan 2010)
		Saker Falcon	<i>Falco cherrug</i>	(Eakle et al. 2004)
	Accipitrinae True Hawks	Harris Hawk,	<i>Parabuteo unicinctus</i>	(Bednarz 1988)
	Accipitridae Harriers, Eagles, Buzzards	Northern Harriers	<i>Circus Cyaneus</i>	(Bosakowski and Smiths 1996)
		White tailed eagle	<i>Haliaeetus albicilla</i>	(Karlsson 1975)
		Golden eagle	<i>Aquila chrysaetos</i>	(Buhler et al. 2000)
		Bald eagle	<i>Haliaeetus leucocephalus</i>	(Folk 1992)
		Bonelli's eagle	<i>Hieraaetus fasciatus</i>	(Beven 1976)
Stercorariidae Skuas	Subantarctic skua	<i>Catharacta skua lonnbergi</i>	(Schulz 2004)	
	Parasitic Jaegers	<i>Stercorarius parasiticus</i>	(Belisle and Giroux 1995)	
Pelecanidae Pelicans	American white pelicans	<i>Pelecanus erythrorhynchos</i>	(McMahon and Evans 1992)n	
Anatidae Ducks, Geese, Swans	Red-breasted Merganser	<i>Mergus serrator</i>	(Deslauri.Jr and Brattstr.Bh 1965)	
Cetacea	Delphinidae Dolphins	Killer whale	<i>Orcinus orca</i>	(Baird 2000) (Van Opzeeland et al. 2005)
		Commerson's dolphin	<i>Cephalorhynchus commersonii</i>	(Coscarella et al.)
		Atlantic white-sided dolphin	<i>Lagenorhynchus acutus</i>	(Weinrich et al. 2001)
		Spinner dolphins	<i>Stenella longirostris</i>	(Benoit-Bird and Au 2009)
		Bottlenose dolphin	<i>Tursiops truncatus</i>	(Collares Barbosa et al. 2008)
		Atlantic spotted dolphins	<i>Stenella frontalis</i>	(Herzing and Johnson 1997)
	Balaenopteridae Baleen Whales	Humpback whale	<i>Megaptera novaeangliae</i>	(Weinrich and Kuhlberg 1991)
Primates	Hominidae	Chimpanzee	<i>Pan troglodytes</i>	(Boesch and Boesch 1989)
		Humans	<i>Homo sapiens</i>	(Alvard and Nolin 2002)