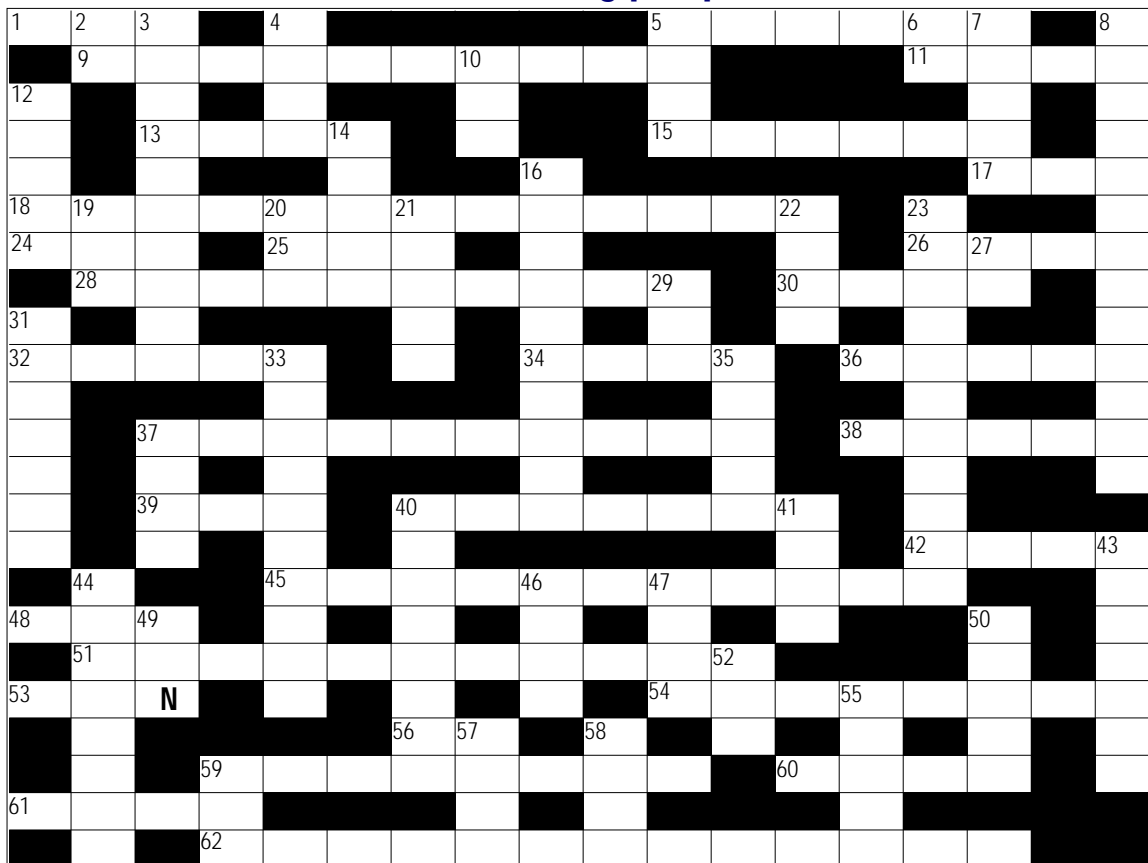


## Avian Crossword Number 12: birding paraphenalia



5 Warmth in the atrium (4)  
 6 Behead cat (2)  
 7 Stripes, e.g. on species of plover (5)  
 8 Optical device often used by birders to observe distant waders (8-5)  
 10 A radio band often used by birders who are in a conveyance (1,1,1)  
 12 Engine (5)  
 15 The waves from 1 down are said to travel through this gas derived from feather (5)  
 16 Wooden pathway especially over swampland (9)  
 19 Crude (3)  
 20 Preposition found in feather (3)  
 21 Path of revolution it follows sphere (5)

### Across clues

1 Colloquial term relating to upper body of a bird (3)  
 5 Acronym for a set of books about Australian birds and their habits (6)  
 9 A book about birds, plants or wildlife which can be used to assist with identification (5,5)  
 11 A shortened term for a sheet of canvas, or synthetic substance, providing protection from the elements (4)  
 13 Time found in what mallard ate (4)  
 15 A device upon which an optical magnification device may be mounted (6)  
 17 What a birder may do when watching birds (starting Sittella, for instance) at a fixed location for a period of time (3)  
 18 One who studies birds (13)  
 24 Cloth, e.g. used to clean bin's (3)  
 25 She ends feather (3)  
 26 What a motorist may blast to shift birds, or birders, off a road (4)  
 28 What birders may observe in a wetland (5-5)  
 30 Mid-day (4)  
 32 Material or intangible thing of value from SE Tas (5)  
 34 Limb used by birds for flight (4)  
 36 Pick-me-up in *Tyto nicholiae* (5)  
 37 Optical device used by almost all birders (10)  
 38 Birders may ... through the bush

### (5)

39 Birders may be short company telling some where a bird is (3)  
 40 Quest strangely I miss on (7)  
 42 Type of Tasmania pine (4)  
 45 Bird hide with accommodation (11)  
 48 Also centre of stool (3)  
 51 Day-long competitive bird count (11)  
 53 Male swan may be used to write in 44 down (3)  
 54 Topographic page (3-7)  
 56 Alternating current (1,1)  
 59 Viewing structure for ornithologists (4-4)  
 60 Title initially not a Mallee Emu-wren (4)  
 61 Short for Lorikeet (4)  
 62 Used on a CD or cassette player to help identify, or call up particular species (4-4,5)

### Down clues

2 ... only! (2)  
 3 An email forum for birders provided by Russell Woodford (7-3)  
 4 A missing board, for instance, in a bird hide; split pea lost (4)  
 22 What birders may sleep in during 31 down (4)  
 23 Taking pictures, e.g. of birds (11)  
 27 Not under (2)  
 29 Mad dogs and birders may go out

### in the 30 across... (3)

31 Term used by Birding Australia members to describe consecutive field days (7)  
 33 Size of binoculars used by many birders (3,2,5)  
 35 Enthusiasm (5)  
 37 Bird Observation and Conservation Australia (acronym) (4)  
 40 Title on a birding newsletter (4-4)  
 41 Mid-day (4)  
 43 Label birders may wear during an outing (4-3)  
 44 What birders may record sightings in (8)  
 46 Pace (4)  
 47 Smallest particle size (4)  
 49 Possess in slow Nightjar (3)  
 50 Topic or anthem (5)  
 52 Pester (3)  
 55 Wetland (5)  
 57 Smart start of chicken (4)  
 58 Australian ... , end of TV talent show (4)  
 59 As per 1 across