

Season	Date	Count	Notes	Source	Latitude	Longitude
Flocking	4/02/2018	2		VBA	-35.85833	144.09167
Flocking	4/02/2018	2		eBird	-35.86237	144.09584
Flocking	4/02/2018	2		VBA	-35.86237	144.09584
Flocking	4/02/2018	2		ALA	-35.86259	144.09996
Flocking	4/02/2018	2		ALA	-35.85796	144.09849
Flocking	20/01/2018	2		ALA	-35.86095	144.09737
Flocking	9/01/2018	2		VBA	-35.85833	144.09167
Flocking	9/01/2018	2		ALA	-35.85736	144.09787
Breeding	27/12/2017	2		ALA	-35.86237	144.09584
Breeding	27/12/2017	2		eBird	-35.86237	144.09584
Flocking	27/12/2017	2		VBA	-35.86237	144.09584
Breeding	24/10/2017	2		VBA	-35.85833	144.10833
Breeding	23/09/2017	1		ALA	-35.76311	143.93142
Breeding	23/09/2017	1		VBA	-35.76311	143.93142
Breeding	15/09/2017	3		VBA	-35.85971	144.10242
Breeding	15/09/2017	3		ALA	-35.85971	144.10242
Breeding	29/08/2017	5		VBA	-35.85833	144.10833
Breeding	29/08/2017	5		ALA	-35.85996	144.10042
Flocking	16/04/2017	2		ALA	-36.04250	144.00300
Flocking	16/04/2017	2		eBird	-36.04250	144.00300
Flocking	26/02/2017	1		eBird	-35.81363	143.94638
Flocking	26/02/2017	1		VBA	-35.81363	143.94638
Flocking	26/02/2017	1		ALA	-35.81363	143.94638
Flocking	26/02/2017	1		ALA	-35.81505	143.95334
Flocking	25/04/2016	5		ALA	-35.82282	144.06852
Flocking	25/04/2016	5		eBird	-35.82282	144.06852
Flocking	23/03/2016	2		ALA	-35.82282	144.06852
Flocking	23/03/2016	2		eBird	-35.82282	144.06852
Flocking	22/03/2016	Undisclosed		ALA	-35.82018	144.07333
Flocking	29/02/2016	2		ALA	-35.82282	144.06852
Flocking	29/02/2016	2		eBird	-35.82282	144.06852
Flocking	2/01/2016	2		ALA	-36.04250	144.00300
Flocking	2/01/2016	2		eBird	-36.04250	144.00300
Breeding	29/11/2015	1		ALA	-35.81976	144.07162
Breeding	30/10/2014	2		ALA	-35.86237	144.09584
Breeding	13/07/2014	2		ALA	-35.86237	144.09584
Breeding	13/07/2014	2		eBird	-35.86237	144.09584
Flocking	10/06/2014	4		ALA	-35.86248	144.09874
Flocking	16/04/2014	2		ALA	-35.86237	144.09584
Flocking	16/04/2014	2		eBird	-35.86237	144.09584
Flocking	5/02/2014	2		ALA	-35.86220	144.09702
Flocking	4/02/2014	4		ALA	-35.86373	144.09719
Breeding	9/11/2013	2		eBird	-36.04250	144.00300
Breeding	9/11/2013	2		ALA	-36.04250	144.00300
Breeding	31/10/2013	2		eBird	-35.86237	144.09584
Breeding	31/10/2013	2		ALA	-35.86237	144.09584
Flocking	4/03/2012	12		ALA	-36.04250	144.00300

Season	Date	Count	Notes	Source	Latitude	Longitude
Breeding	27/12/2011	2		eBird	-35.86237	144.09584
Breeding	27/12/2011	2		ALA	-35.86237	144.09584
Breeding	6/12/2011	6		ALA	-35.85528	144.08861
Flocking	29/04/2009	4		VBA	-36.09000	144.02083
Flocking	29/04/2009	4		ALA	-36.09000	144.02083
Breeding	6/09/2008	Jndisclosed		eBird	-36.04250	144.00300
Breeding	5/08/2008	1		ALA	-35.83980	143.93991
Flocking	19/02/2007	2		eBird	-35.86237	144.09584
Flocking	25/01/2007	4		VBA	-35.87500	144.09167
Flocking	25/01/2007	4		ALA	-35.87500	144.08560
Flocking	23/01/2007	Jndisclosed		eBird	-35.86237	144.09584
Flocking	9/01/2007	2		eBird	-35.86237	144.09584
Breeding	28/11/2006	Jndisclosed		VBA	-35.87500	144.09167
Breeding	28/11/2006	Jndisclosed		ALA	-35.87500	144.08560
Breeding	4/11/2006	Jndisclosed		VBA	-35.85833	144.09167
Breeding	4/11/2006	Jndisclosed		ALA	-35.85722	144.08920
Breeding	8/10/2006	1		VBA	-35.85833	144.09167
Breeding	8/10/2006	1		ALA	-35.85722	144.08920
Breeding	29/09/2006	Jndisclosed		VBA	-35.85833	144.10833
Breeding	29/09/2006	Jndisclosed		ALA	-35.86278	144.10560
Breeding	11/09/2006	4		eBird	-36.04250	144.00300
Flocking	23/04/2006	8		eBird	-36.04250	144.00300
Flocking	24/02/2006	Jndisclosed		VBA	-35.82500	144.07500
Flocking	24/02/2006	Jndisclosed		ALA	-35.82139	144.07060
Flocking	13/01/2006	Jndisclosed		VBA	-35.82500	144.07500
Flocking	13/01/2006	Jndisclosed		ALA	-35.82139	144.07060
Breeding	22/11/2005	Jndisclosed Breeding		VBA	-35.82500	144.07500
Breeding	22/11/2005	Jndisclosed		ALA	-35.82139	144.07060
Breeding	5/11/2005	2		eBird	-35.82282	144.06852
Flocking	24/04/2005	2		eBird	-36.04250	144.00300
Flocking	24/04/2005	Jndisclosed		ALA	-36.06667	144.00000
Flocking	24/04/2005	Jndisclosed		VBA	-36.05833	144.00833
Flocking	28/02/2005	2		eBird	-36.04250	144.00300
Flocking	13/01/2005	3		VBA	-36.05833	143.94167
Flocking	13/01/2005	3		ALA	-36.06667	143.95000
Flocking	8/01/2005	2		eBird	-35.86237	144.09584
Breeding	28/11/2004	2	Breeding	eBird	-36.04250	144.00300
Breeding	29/10/2004	2		eBird	-35.92221	143.93839
Breeding	29/10/2004	2		ALA	-35.92220	143.93839
Breeding	19/10/2004	Jndisclosed		eBird	-35.86237	144.09584
Breeding	19/10/2004	Jndisclosed		eBird	-35.86237	144.09584
Breeding	24/09/2004	10		VBA	-35.85965	144.10033
Breeding	19/09/2004	Jndisclosed		eBird	-35.86237	144.09584
Flocking	17/01/2004	Jndisclosed		ALA	-35.87167	144.09810
Flocking	17/01/2004	Jndisclosed		VBA	-35.87500	144.09167
Breeding	20/10/2003	Jndisclosed		VBA	-35.87500	144.09167
Breeding	20/10/2003	Jndisclosed		ALA	-35.87500	144.08560

Season	Date	Count	Notes	Source	Latitude	Longitude
Breeding	14/10/2003	2		eBird	-35.86237	144.09584
Breeding	3/10/2003	2		ALA	-35.83980	143.93991
Breeding	20/08/2003	1		eBird	-35.86237	144.09584
Breeding	19/07/2003	4		eBird	-35.86237	144.09584
Flocking	29/03/2003	Jndisclosed		eBird	-35.86237	144.09584
Breeding	23/12/2002	Jndisclosed		ALA	-35.87500	144.08560
Flocking	24/01/2002	Jndisclosed		ALA	-35.87167	144.09810
Breeding	14/09/2001	2		ALA	-35.95083	144.00250
Breeding	29/11/2000	Jndisclosed		VBA	-36.06489	144.01733
Breeding	29/11/2000	Jndisclosed		ALA	-36.06722	144.01550
Breeding	29/11/2000	Jndisclosed		ALA	-36.06489	144.01733
Breeding	27/11/2000	2		VBA	-36.06216	144.01633
Breeding	27/11/2000	2		ALA	-36.06216	144.01633
Breeding	27/11/2000	Jndisclosed		eBird	-36.06020	144.01428
Breeding	10/11/2000	2		VBA	-35.90362	143.94819
Breeding	10/11/2000	2		ALA	-35.90556	143.94580
Breeding	10/11/2000	2		ALA	-35.90362	143.94819
Breeding	14/09/1998	1		VBA	-35.91633	143.94423
Breeding	14/09/1998	1		ALA	-35.91633	143.94423
Flocking	2/06/1998	3		VBA	-35.88072	144.07742
Flocking	2/06/1998	3		ALA	-35.88072	144.07742
Flocking	26/03/1998	41		eBird	-36.04250	144.00300
Flocking	28/03/1997	32		eBird	-36.04250	144.00300
Flocking	4/02/1997	Jndisclosed		eBird	-36.04250	144.00300
Flocking	1/06/1995	8		VBA	-35.89194	143.94665
Flocking	1/06/1995	8		ALA	-35.89194	143.94665
Breeding	9/10/1994	Jndisclosed		eBird	-36.06020	144.01428
Breeding	14/07/1994	Jndisclosed		eBird	-36.06020	144.01428
Flocking	20/03/1994	17		VBA	-36.08563	143.98607
Flocking	20/03/1994	17		ALA	-36.08563	143.98607
Flocking	20/03/1994	17		eBird	-36.04250	144.00300
Flocking	1/03/1994	Jndisclosed		eBird	-36.04250	144.00300
Flocking	15/02/1994	Jndisclosed		eBird	-36.04250	144.00300
Flocking	9/02/1994	Jndisclosed		eBird	-36.04250	144.00300
Flocking	5/01/1994	Jndisclosed		eBird	-36.04250	144.00300
Breeding	4/11/1993	Jndisclosed		eBird	-36.04250	144.00300
Breeding	3/09/1993	Jndisclosed		eBird	-36.04250	144.00300
Flocking	4/04/1993	4		VBA	-35.94659	144.04396
Flocking	4/04/1993	4		VBA	-35.94659	144.04396
Flocking	4/04/1993	4		ALA	-35.94659	144.04396
Flocking	4/04/1993	4		ALA	-35.94659	144.04396
Flocking	29/03/1992	3		VBA	-35.89153	144.04047
Flocking	29/03/1992	3		VBA	-35.89153	144.04047
Flocking	29/03/1992	3		ALA	-35.89153	144.04047
Flocking	29/03/1992	3		ALA	-35.89153	144.04047
Flocking	28/03/1992	4		VBA	-35.97134	143.94295
Flocking	28/03/1992	4		VBA	-35.97134	143.94295

Season	Date	Count	Notes	Source	Latitude	Longitude
Flocking	28/03/1992	4		ALA	-35.97134	143.94295
Flocking	28/03/1992	4		ALA	-35.97134	143.94295
Breeding	17/09/1991	1		VBA	-35.99901	144.04976
Breeding	17/09/1991	1		ALA	-35.99901	144.04976
Flocking	1/01/1984	Undisclosed		VBA	-36.06516	144.01797
Flocking	1/01/1984	Undisclosed		VBA	-36.01516	144.03464
Flocking	1/01/1984	Undisclosed		VBA	-35.91516	144.03463
Flocking	1/01/1984	Undisclosed		VBA	-36.04849	144.06797
Flocking	1/01/1984	Undisclosed		ALA	-36.04849	144.06797
Flocking	1/01/1984	Undisclosed		ALA	-36.06516	144.01797
Flocking	1/01/1984	Undisclosed		ALA	-36.01516	144.03464
Flocking	1/01/1984	Undisclosed		ALA	-35.91516	144.03463
Breeding	30/08/1980	Undisclosed		VBA	-35.91516	143.91797
Breeding	30/08/1980	Undisclosed		ALA	-35.91516	143.91797
Flocking	11/04/1973	2		VBA	-35.85965	144.10033
Flocking	11/04/1973	2		ALA	-35.85965	144.10033
Breeding	17/10/1966	3	Breeding	VBA	-36.04643	143.93132
Breeding	17/10/1966	3		ALA	-36.04643	143.93132
Breeding	12/09/1964	Undisclosed		VBA	-35.98183	143.95130
Breeding	12/09/1964	Undisclosed		ALA	-35.98183	143.95130
Flocking	1/01/1962	Undisclosed		VBA	-35.99850	144.00130
Flocking	1/01/1962	Undisclosed		ALA	-35.99850	144.00130
Unknown	Undisclosed	Undisclosed		ALA	-35.91000	143.91000
Unknown	Undisclosed	Undisclosed		ALA	-35.91000	143.91000
Unknown	Undisclosed	Undisclosed		ALA	-35.91000	144.03000

Appendix 19: List of East Asian Australasian flyway migratory shorebird species that regularly visit Australia and their nationally and internationally significant population thresholds

Species	Scientific name	Flyway population estimate	National Significance	International Significance
Asian Dowitcher	<i>Limnodromus semipalmatus</i>	28,000	28	280
Bar-tailed Godwit†	<i>Limosa lapponica</i>	375,000	375	3750
Black-tailed Godwit†	<i>Limosa limosa</i>	230,000	230	2300
Broad-billed Sandpiper	<i>Calidris falcinellus</i>	45,000	45	450
Common Greenshank	<i>Tringa nebularia</i>	110,000	110	1100
Common Redshank†	<i>Tringa tetanus</i>	125,000	125	1250
Common Sandpiper	<i>Actitis hypoleucos</i>	190,000	190	1900
Curlew Sandpiper	<i>Calidris ferruginea</i>	120,000	120	1200
Double-banded Plover	<i>Charadrius bicinctus</i>	25,000	25	250
Far Eastern Curlew	<i>Numenius madagascariensis</i>	35,000	35	350
Great Knot	<i>Calidris tenuirostris</i>	400,000	400	4000
Greater Sand Plover	<i>Charadrius leschenaultii</i>	220,000	220	2200
Grey Plover	<i>Pluvialis squatarola</i>	75,000	75	750
Grey-tailed Tattler	<i>Tringa brevipes</i>	80,000	80	800
Latham's Snipe	<i>Gallinago hardwickii</i>	35,000	35	350
Little Curlew	<i>Numenius minutus</i>	110,000	110	1100
Little Ringed Plover†	<i>Charadrius dubius</i>	150,000	150	1500
Long-toed Stint	<i>Calidris subminuta</i>	230,000	230	2300
Marsh Sandpiper	<i>Tringa stagnatilis</i>	130,000	130	1300
Oriental Plover	<i>Charadrius veredus</i>	230,000	230	2300
Oriental Pratincole	<i>Glareola maldivarum</i>	2,880,000	2880	28800

Species	Scientific name	Flyway population estimate	National Significance	International Significance
Pacific Golden Plover†	<i>Pluvialis fulva</i>	150,000	150	1500
Pectoral Sandpiper	<i>Calidris melanotos</i>	1,575,000	1575	15750
Pin-tailed Snipe	<i>Gallinago stenura</i>	170,000	170	1700
Red Knot†	<i>Calidris canutus</i>	130,000	130	1300
Red-necked Phalarope	<i>Phalaropus lobatus</i>	250,000	250	2500
Red-necked Stint	<i>Calidris ruficollis</i>	600,000	600	6000
Ruddy Turnstone	<i>Arenaria interpres</i>	30,000	30	300
Ruff	<i>Calidris pugnax</i>	750	0.75	7.5
Sanderling	<i>Calidris alba</i>	30,000	30	300
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	130,000	130	1300
Siberian Sand Plover†	<i>Charadrius mongolus</i> / <i>Anarhynchus mongolus</i>	26,000	26	260
Swinhoe's Snipe	<i>Gallinago megala</i>	40,000	40	400
Terek Sandpiper	<i>Xenus cinereus</i>	75,000	75	750
Wandering Tattler	<i>Tringa incana</i>	17,500	17.5	175
Whimbrel	<i>Numenius phaeopus</i>	90,000	90	900
Wood Sandpiper	<i>Tringa glareola</i>	130,000	130	1300

Appendix 20: Collated migratory shorebird records from field assessments and databases

REC: Rakali Ecological Consulting - NA: Nature Advisory - EHP: Ecology and Heritage Partners

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Common Greenshank	<i>Tringa nebularia</i>	eBird	-36.0990	143.9920	7/01/1996	X	Yarrawalla and surrounds
Pectoral Sandpiper	<i>Calidris melanotos</i>	eBird	-36.0990	143.9920	7/01/1996	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.0990	143.9920	7/01/1996	X	Yarrawalla and surrounds
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	8/04/1996	X	Yarrawalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0990	143.9920	8/04/1996	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-36.0602	144.0143	1/08/1996	X	Yarrawalla and surrounds
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	1/08/1996	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.0990	143.9920	29/08/1996	X	Yarrawalla and surrounds
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-36.0990	143.9920	21/09/1996	X	Yarrawalla and surrounds
Ruddy Turnstone	<i>Arenaria interpres</i>	eBird	-36.0990	143.9920	21/09/1996	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.0990	143.9920	21/09/1996	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-36.0602	144.0143	21/10/1996	X	Yarrawalla and surrounds
Pacific Golden Plover	<i>Pluvialis fulva</i>	eBird	-36.0602	144.0143	21/10/1996	X	Yarrawalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0602	144.0143	21/10/1996	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.0602	144.0143	21/10/1996	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-36.0990	143.9920	14/01/1997	X	Yarrawalla and surrounds
Pacific Golden Plover	<i>Pluvialis fulva</i>	eBird	-36.0990	143.9920	14/01/1997	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.0990	143.9920	14/01/1997	X	Yarrawalla and surrounds

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	11/03/1997	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.0990	143.9920	11/03/1997	X	Yarrawalla and surrounds
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	20/04/1997	X	Yarrawalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0990	143.9920	6/09/1997	X	Yarrawalla and surrounds
Ruddy Turnstone	<i>Arenaria interpres</i>	eBird	-36.0990	143.9920	6/09/1997	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.0990	143.9920	6/09/1997	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-36.0990	143.9920	24/10/1997	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-36.0990	143.9920	5/12/1997	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.0990	143.9920	5/12/1997	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-36.0990	143.9920	4/01/1998	X	Yarrawalla and surrounds
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-36.0990	143.9920	4/01/1998	X	Yarrawalla and surrounds
Pacific Golden Plover	<i>Pluvialis fulva</i>	eBird	-36.0990	143.9920	4/01/1998	X	Yarrawalla and surrounds
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-36.0425	144.0030	1/10/1998	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-36.0990	143.9920	30/10/1998	X	Yarrawalla and surrounds
Pacific Golden Plover	<i>Pluvialis fulva</i>	eBird	-36.0990	143.9920	30/10/1998	X	Yarrawalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0990	143.9920	30/10/1998	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.7322	143.9517	5/12/1998	X	Kerang - Foster Swamp & WWTP
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.7322	143.9517	5/12/1998	X	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	5/12/1998	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	5/12/1998	X	Kerang - Foster Swamp & WWTP
Common Greenshank	<i>Tringa nebularia</i>	eBird	-36.0990	143.9920	27/01/1999	X	Yarrawalla and surrounds

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Pacific Golden Plover	<i>Pluvialis fulva</i>	eBird	-36.0990	143.9920	27/01/1999	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.0990	143.9920	27/01/1999	X	Yarrawalla and surrounds
Red-necked Phalarope	<i>Phalaropus lobatus</i>	eBird	-35.9879	144.2063	14/02/1999	X	Mt Hope Conservation Reserve
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8185	144.0742	1/03/1999	35	Johnson Swamp
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	29/03/1999	X	Yarrawalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0990	143.9920	29/03/1999	X	Yarrawalla and surrounds
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.7322	143.9517	11/10/1999	X	Kerang - Foster Swamp & WWTP
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.7322	143.9517	11/10/1999	X	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	11/10/1999	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	11/10/1999	X	Kerang - Foster Swamp & WWTP
Common Greenshank	<i>Tringa nebularia</i>	eBird	-36.0602	144.0143	27/11/2000	X	Yarrawalla and surrounds
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-36.1123	144.0206	23/02/2001	X	Yarrawalla and surrounds
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.7322	143.9517	20/10/2001	X	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	20/10/2001	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	20/10/2001	X	Kerang - Foster Swamp & WWTP
Common Greenshank	<i>Tringa nebularia</i>	eBird	-36.0990	143.9920	22/12/2001	X	Yarrawalla and surrounds
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	22/12/2001	X	Yarrawalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0990	143.9920	22/12/2001	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	12/01/2002	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.7322	143.9517	14/01/2002	X	Kerang - Foster Swamp & WWTP

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	14/01/2002	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	14/01/2002	X	Kerang - Foster Swamp & WWTP
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	21/02/2002	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	21/02/2002	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	21/02/2002	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8597	144.1003	21/02/2002	300	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	28/02/2002	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	28/02/2002	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	28/02/2002	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	15/11/2002	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	15/11/2002	X	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	3/01/2003	X	Hird Swamp
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.8624	144.0958	3/01/2003	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	3/01/2003	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	3/01/2003	X	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	3/01/2003	X	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	18/01/2003	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	18/01/2003	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	18/01/2003	X	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	1/02/2003	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	1/02/2003	X	Hird Swamp

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	1/02/2003	X	Hird Swamp
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	11/02/2003	X	Yarrowalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0990	143.9920	11/02/2003	X	Yarrowalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	29/03/2003	X	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	29/03/2003	X	Hird Swamp
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	9/04/2003	X	Yarrowalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0990	143.9920	9/04/2003	X	Yarrowalla and surrounds
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.8624	144.0958	19/07/2003	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	19/07/2003	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.7322	143.9517	8/08/2003	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	7/09/2003	X	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.7322	143.9517	27/10/2003	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	27/10/2003	X	Kerang - Foster Swamp & WWTP
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.7322	143.9517	15/11/2003	X	Kerang - Foster Swamp & WWTP
Pacific Golden Plover	<i>Pluvialis fulva</i>	eBird	-35.7322	143.9517	15/11/2003	X	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	15/11/2003	X	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0990	143.9920	6/12/2003	X	Yarrowalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	7/12/2003	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	7/12/2003	X	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	13/12/2003	X	Kerang - Foster Swamp & WWTP

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	4/01/2004	X	Kerang - Foster Swamp & WWTP
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8303	144.2096	7/01/2004	X	Cohuna Wastewater Treatment Plant
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8303	144.2096	7/01/2004	X	Cohuna Wastewater Treatment Plant
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8303	144.2096	7/01/2004	X	Cohuna Wastewater Treatment Plant
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	10/01/2004	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	10/01/2004	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8583	144.0917	10/01/2004		Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	10/01/2004	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	29/01/2004	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	29/01/2004	X	Hird Swamp
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0990	143.9920	3/02/2004	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.0990	143.9920	3/02/2004	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	4/02/2004	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	4/02/2004	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	4/02/2004	X	Hird Swamp
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-36.0990	143.9920	17/02/2004	X	Yarrawalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0990	143.9920	17/02/2004	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.0990	143.9920	17/02/2004	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	28/02/2004	X	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	28/02/2004	X	Hird Swamp

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.8624	144.0958	28/02/2004	X	Hird Swamp
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.8624	144.0958	28/02/2004	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	28/02/2004	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	28/02/2004	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	28/02/2004	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	28/02/2004	X	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	28/02/2004	X	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	28/02/2004	X	Hird Swamp
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	14/03/2004	X	Yarrawalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0990	143.9920	14/03/2004	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.0990	143.9920	14/03/2004	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	23/03/2004	X	Hird Swamp
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	2/04/2004	X	Yarrawalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0990	143.9920	2/04/2004	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	6/04/2004	X	Hird Swamp
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.8624	144.0958	6/04/2004	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	6/04/2004	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	6/04/2004	X	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	6/04/2004	X	Hird Swamp
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	6/06/2004	X	Yarrawalla and surrounds

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.1062	143.9933	8/09/2004	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	19/09/2004	X	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	26/09/2004	X	Cohuna Wastewater Treatment Plant
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.7322	143.9517	26/09/2004	X	Kerang - Foster Swamp & WWTP
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8303	144.2096	26/09/2004	X	Cohuna Wastewater Treatment Plant
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.7322	143.9517	26/09/2004	X	Hird Swamp
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	26/09/2004	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8303	144.2096	26/09/2004	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	26/09/2004	X	Kerang - Foster Swamp & WWTP
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.7322	143.9517	14/10/2004	X	Kerang - Foster Swamp & WWTP
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8303	144.2096	14/10/2004	X	Cohuna Wastewater Treatment Plant
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	14/10/2004	X	Cohuna Wastewater Treatment Plant
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8303	144.2096	14/10/2004	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	14/10/2004	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	19/10/2004	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	19/10/2004	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8303	144.2096	7/11/2004	X	Cohuna Wastewater Treatment Plant
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8303	144.2096	7/11/2004	X	Cohuna Wastewater Treatment Plant
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.1062	143.9933	9/11/2004	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	23/12/2004	X	Lake Murphy

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	23/12/2004	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	23/12/2004	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	6/01/2005	X	Hird Swamp
Black-tailed Godwit	<i>Limosa limosa</i>	eBird	-35.8303	144.2096	8/01/2005	X	Cohuna Wastewater Treatment Plant
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	8/01/2005	X	Cohuna Wastewater Treatment Plant
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8303	144.2096	8/01/2005	X	Cohuna Wastewater Treatment Plant
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.8624	144.0958	8/01/2005	X	Cohuna Wastewater Treatment Plant
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	8/01/2005	X	Cohuna Wastewater Treatment Plant
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8303	144.2096	8/01/2005	X	Hird Swamp
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8303	144.2096	8/01/2005	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	8/01/2005	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8303	144.2096	8/01/2005	X	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	16/01/2005	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	16/01/2005	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	16/01/2005	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8583	144.1083	18/01/2005		Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	21/02/2005	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	21/02/2005	X	Lake Murphy
Pectoral Sandpiper	<i>Calidris melanotos</i>	eBird	-35.8075	143.8639	21/02/2005	X	Lake Murphy
Ruff	<i>Calidris pugnax</i>	eBird	-35.8075	143.8639	21/02/2005	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	21/02/2005	X	Lake Murphy

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Black-tailed Godwit	<i>Limosa limosa</i>	eBird	-35.8075	143.8639	26/02/2005	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	26/02/2005	X	Lake Murphy
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.8075	143.8639	26/02/2005	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	26/02/2005	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	26/02/2005	X	Lake Murphy
Ruff	<i>Calidris pugnax</i>	eBird	-35.8075	143.8639	26/02/2005	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	26/02/2005	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-36.1062	143.9933	28/02/2005	X	Yarrawalla and surrounds
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	28/02/2005	X	Yarrawalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0990	143.9920	28/02/2005	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.0990	143.9920	28/02/2005	X	Yarrawalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.1062	143.9933	8/03/2005	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	14/03/2005	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	14/03/2005	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	14/03/2005	X	Lake Murphy
Ruff	<i>Calidris pugnax</i>	eBird	-35.8075	143.8639	14/03/2005	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	14/03/2005	X	Lake Murphy
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.8075	143.8639	23/03/2005	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	23/03/2005	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	23/03/2005	X	Lake Murphy
Ruff	<i>Calidris pugnax</i>	eBird	-35.8075	143.8639	23/03/2005	X	Lake Murphy

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	23/03/2005	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	31/03/2005	X	Lake Murphy
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.8075	143.8639	31/03/2005	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	31/03/2005	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	31/03/2005	X	Lake Murphy
Ruff	<i>Calidris pugnax</i>	eBird	-35.8075	143.8639	31/03/2005	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	31/03/2005	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-36.1062	143.9933	24/04/2005	X	Yarrawalla and surrounds
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	9/06/2005	X	Yarrawalla and surrounds
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	23/07/2005	X	Yarrawalla and surrounds
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.7500	143.9167	2/10/2005	X	Kerang Wildlife Reserve - Loddon River
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	28/10/2005	X	Hird Swamp
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.8228	144.0685	28/10/2005	X	Johnson Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	28/10/2005	X	Hird Swamp
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8624	144.0958	28/10/2005	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	28/10/2005	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8228	144.0685	28/10/2005	X	Johnson Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	30/10/2005	20	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	30/10/2005	200	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	31/10/2005	1	Hird Swamp

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-36.1062	143.9933	1/11/2005	X	Yarrawalla and surrounds
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8228	144.0685	5/11/2005	X	Johnson Swamp
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.8624	144.0958	5/11/2005	X	Kerang - Foster Swamp & WWTP
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	5/11/2005	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8228	144.0685	5/11/2005	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.7322	143.9517	5/11/2005	X	Johnson Swamp
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	5/11/2005	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	5/11/2005	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8228	144.0685	5/11/2005	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	5/11/2005	X	Johnson Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8250	144.0750	22/11/2005		Johnson Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	3/12/2005	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	3/12/2005	X	Hird Swamp
Pacific Golden Plover	<i>Pluvialis fulva</i>	eBird	-35.8624	144.0958	3/12/2005	X	Hird Swamp
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8624	144.0958	3/12/2005	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	3/12/2005	X	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	14/12/2005	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	14/12/2005	X	Hird Swamp
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8624	144.0958	14/12/2005	X	Hird Swamp
Ruff	<i>Calidris pugnax</i>	eBird	-35.8624	144.0958	14/12/2005	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	14/12/2005	X	Hird Swamp

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8250	144.0750	15/12/2005		Johnson Swamp
Wood Sandpiper	<i>Tringa glareola</i>	VBA	-35.8250	144.0750	15/12/2005		Johnson Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8228	144.0685	6/01/2006	X	Cohuna Wastewater Treatment Plant
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8303	144.2096	6/01/2006	X	Cohuna Wastewater Treatment Plant
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8228	144.0685	6/01/2006	X	Cohuna Wastewater Treatment Plant
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8303	144.2096	6/01/2006	X	Johnson Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	6/01/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8303	144.2096	6/01/2006	X	Johnson Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8228	144.0685	6/01/2006	X	Johnson Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8228	144.0685	6/01/2006	X	Johnson Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8250	144.0750	13/01/2006		Johnson Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8303	144.2096	14/01/2006	20	Cohuna Wastewater Treatment Plant
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8303	144.2096	14/01/2006	70	Cohuna Wastewater Treatment Plant
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	14/01/2006	X	Lake Murphy
Black-tailed Godwit	<i>Limosa limosa</i>	eBird	-35.8075	143.8639	25/01/2006	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	25/01/2006	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	25/01/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	25/01/2006	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	8/02/2006	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	8/02/2006	X	Lake Murphy

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	8/02/2006	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	16/02/2006	X	Lake Murphy
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.8075	143.8639	16/02/2006	X	Lake Murphy
Long-toed Stint	<i>Calidris subminuta</i>	eBird	-35.8075	143.8639	16/02/2006	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	16/02/2006	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	16/02/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	16/02/2006	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	19/02/2006	X	Lake Murphy
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.8075	143.8639	19/02/2006	X	Lake Murphy
Long-toed Stint	<i>Calidris subminuta</i>	eBird	-35.8075	143.8639	19/02/2006	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	19/02/2006	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	19/02/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	19/02/2006	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	VBA	-35.8250	144.0750	24/02/2006	1	Johnson Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8250	144.0750	24/02/2006	330	Johnson Swamp
Wood Sandpiper	<i>Tringa glareola</i>	VBA	-35.8250	144.0750	24/02/2006	9	Johnson Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	9/03/2006	X	Lake Murphy
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.8075	143.8639	9/03/2006	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	9/03/2006	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	9/03/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	9/03/2006	X	Lake Murphy
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8075	143.8639	9/03/2006	X	Lake Murphy

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	14/03/2006	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	14/03/2006	X	Lake Murphy
Pectoral Sandpiper	<i>Calidris melanotos</i>	eBird	-35.8075	143.8639	14/03/2006	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	14/03/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	14/03/2006	X	Lake Murphy
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8075	143.8639	14/03/2006	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	28/03/2006	X	Lake Murphy
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.8075	143.8639	28/03/2006	X	Lake Murphy
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.8075	143.8639	28/03/2006	X	Lake Murphy
Long-toed Stint	<i>Calidris subminuta</i>	eBird	-35.8075	143.8639	28/03/2006	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	28/03/2006	X	Lake Murphy
Pectoral Sandpiper	<i>Calidris melanotos</i>	eBird	-35.8075	143.8639	28/03/2006	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	28/03/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	28/03/2006	X	Lake Murphy
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8075	143.8639	28/03/2006	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	4/04/2006	X	Lake Murphy
Long-toed Stint	<i>Calidris subminuta</i>	eBird	-35.8075	143.8639	4/04/2006	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	4/04/2006	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	4/04/2006	X	Lake Murphy
Ruff	<i>Calidris pugnax</i>	eBird	-35.8075	143.8639	4/04/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	4/04/2006	X	Lake Murphy
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8075	143.8639	4/04/2006	X	Lake Murphy

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	11/04/2006	X	Lake Murphy
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.8075	143.8639	11/04/2006	X	Lake Murphy
Long-toed Stint	<i>Calidris subminuta</i>	eBird	-35.8075	143.8639	11/04/2006	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	11/04/2006	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	11/04/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	11/04/2006	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	13/04/2006	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	13/04/2006	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	13/04/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	13/04/2006	X	Lake Murphy
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8075	143.8639	13/04/2006	X	Lake Murphy
Black-tailed Godwit	<i>Limosa limosa</i>	eBird	-35.8075	143.8639	18/04/2006	5	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	18/04/2006	20	Lake Murphy
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.8075	143.8639	18/04/2006	10	Lake Murphy
Little Stint	<i>Calidris minuta</i>	eBird	-35.8075	143.8639	18/04/2006	1	Lake Murphy
Long-toed Stint	<i>Calidris subminuta</i>	eBird	-35.8075	143.8639	18/04/2006	5	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	18/04/2006	7	Lake Murphy
Pectoral Sandpiper	<i>Calidris melanotos</i>	eBird	-35.8075	143.8639	18/04/2006	1	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	18/04/2006	240	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	18/04/2006	140	Lake Murphy
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8075	143.8639	18/04/2006	6	Lake Murphy
Black-tailed Godwit	<i>Limosa limosa</i>	eBird	-35.8075	143.8639	19/04/2006	X	Lake Murphy

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	19/04/2006	X	Lake Murphy
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.8075	143.8639	19/04/2006	X	Lake Murphy
Little Stint	<i>Calidris minuta</i>	eBird	-35.8075	143.8639	19/04/2006	X	Lake Murphy
Long-toed Stint	<i>Calidris subminuta</i>	eBird	-35.8075	143.8639	19/04/2006	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	19/04/2006	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	19/04/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	19/04/2006	X	Lake Murphy
Black-tailed Godwit	<i>Limosa limosa</i>	eBird	-35.8075	143.8639	22/04/2006	X	Lake Murphy
Black-tailed Godwit	<i>Limosa limosa</i>	eBird	-35.8075	143.8639	22/04/2006	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	22/04/2006	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	22/04/2006	X	Lake Murphy
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.8075	143.8639	22/04/2006	X	Lake Murphy
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.8075	143.8639	22/04/2006	X	Lake Murphy
Little Stint	<i>Calidris minuta</i>	eBird	-35.8075	143.8639	22/04/2006	1	Lake Murphy
Little Stint	<i>Calidris minuta</i>	eBird	-35.8075	143.8639	22/04/2006	1	Lake Murphy
Long-toed Stint	<i>Calidris subminuta</i>	eBird	-35.8075	143.8639	22/04/2006	X	Lake Murphy
Long-toed Stint	<i>Calidris subminuta</i>	eBird	-35.8075	143.8639	22/04/2006	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	22/04/2006	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	22/04/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	22/04/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	22/04/2006	X	Lake Murphy

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8075	143.8639	22/04/2006	X	Lake Murphy
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8075	143.8639	22/04/2006	X	Lake Murphy
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	23/04/2006	X	Yarrawalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-36.0990	143.9920	23/04/2006	X	Yarrawalla and surrounds
Black-tailed Godwit	<i>Limosa limosa</i>	eBird	-35.8075	143.8639	24/04/2006	X	Lake Murphy
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8075	143.8639	24/04/2006	X	Lake Murphy
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.8075	143.8639	24/04/2006	X	Lake Murphy
Long-toed Stint	<i>Calidris subminuta</i>	eBird	-35.8075	143.8639	24/04/2006	X	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	24/04/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	24/04/2006	X	Lake Murphy
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8075	143.8639	24/04/2006	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-36.0511	144.1406	7/09/2006	7	Pyramid Hill
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-36.0519	144.1152	7/09/2006	X	Pyramid Hill
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8583	144.0917	8/10/2006	30	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8303	144.2096	4/01/2007	X	Cohuna Wastewater Treatment Plant
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	9/01/2007	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	9/01/2007	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	9/01/2007	X	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	17/01/2007	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	17/01/2007	X	Hird Swamp

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	17/01/2007	X	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	23/01/2007	X	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	23/01/2007	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	23/01/2007	X	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	23/01/2007	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8583	144.0917	11/02/2007		Hird Swamp
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.7359	143.9195	17/03/2007	X	Kerang Wildlife Reserve - Loddon River
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.7348	143.9103	18/03/2007	X	Kerang Wildlife Reserve - Loddon River
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	1/04/2007	X	Yarrowalla and surrounds
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-36.0990	143.9920	22/08/2007	X	Yarrowalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	26/09/2007	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	26/09/2007	X	Kerang - Foster Swamp & WWTP
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8303	144.2096	27/11/2007	X	Cohuna Wastewater Treatment Plant
Pectoral Sandpiper	<i>Calidris melanotos</i>	eBird	-35.8303	144.2096	27/11/2007	X	Cohuna Wastewater Treatment Plant
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8303	144.2096	27/11/2007	X	Cohuna Wastewater Treatment Plant
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-36.0602	144.0143	22/01/2008	X	Yarrowalla and surrounds
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.7348	143.9103	1/03/2008	X	Kerang Wildlife Reserve - Loddon River
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8303	144.2096	18/10/2008	X	Cohuna Wastewater Treatment Plant
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8303	144.2096	18/10/2008	X	Cohuna Wastewater Treatment Plant
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8303	144.2096	18/10/2008	X	Cohuna Wastewater Treatment Plant

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.7359	143.9195	8/11/2009	X	Kerang Wildlife Reserve - Loddon River
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7500	143.9167	26/11/2009	X	Kerang Wildlife Reserve - Loddon River
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.7322	143.9517	3/01/2011	17	Kerang - Foster Swamp & WWTP
Pacific Golden Plover	<i>Pluvialis fulva</i>	eBird	-35.7322	143.9517	3/01/2011	1	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	3/01/2011	4	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	27/12/2011	X	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	27/12/2011	X	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	30/12/2011	5	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	30/12/2011	1	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	31/12/2011	X	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	31/12/2011	X	Hird Swamp
Bar-tailed Godwit	<i>Limosa lapponica</i>	eBird	-35.7322	143.9517	6/01/2012	X	Kerang - Foster Swamp & WWTP
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.7322	143.9517	30/05/2012	2	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	30/05/2012	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	3/12/2012	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	8/12/2012	3	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	11/12/2012	1	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	30/01/2013	4	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8406	144.1590	6/12/2013	5	Hird Swamp adjacent
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.7322	143.9517	2/07/2014	1	Kerang - Foster Swamp & WWTP

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7240	143.9074	27/12/2014	2	Kerang Wildlife Reserve - Loddon River
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7240	143.9074	27/12/2014	2	Kerang Wildlife Reserve - Loddon River
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	18/01/2015	8	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	18/01/2015	X	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.7359	143.9195	21/01/2015	X	Kerang Wildlife Reserve - Loddon River
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7359	143.9195	21/01/2015	X	Kerang Wildlife Reserve - Loddon River
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7375	143.9440	8/03/2015	X	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7375	143.9440	8/03/2015	X	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	13/10/2015	2	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	23/10/2015	50	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	21/11/2015	1	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	2/12/2015	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	2/12/2015	X	Lake Murphy
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.8075	143.8639	10/12/2015	1	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	10/12/2015	2	Lake Murphy
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8075	143.8639	10/12/2015	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	10/12/2015	X	Lake Murphy
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8075	143.8639	28/12/2015	20	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	28/12/2015	120	Lake Murphy
Double-banded Plover	<i>Charadrius bicinctus</i>	Birdlife	-35.6350	143.7719	15/03/2017	2	Lake Cullen

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Red-necked Stint	<i>Calidris ruficollis</i>	Birdlife	-35.6350	143.7719	15/03/2017	286	Lake Cullen
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.7310	143.9094	19/12/2017	1	Kerang Wildlife Reserve - Loddon River
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.7328	143.9117	17/01/2018	1	Kerang Wildlife Reserve - Loddon River
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8624	144.0958	4/02/2018	12	Hird Swamp
Red-necked Stint	<i>Calidris ruficollis</i>	VBA	-35.8583	144.0917	4/02/2018	15	Hird Swamp
Red-necked Stint	<i>Calidris ruficollis</i>	VBA	-35.8583	144.0917	4/02/2018	15	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8583	144.0917	4/02/2018	7	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8583	144.0917	4/02/2018	12	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	Birdlife	-35.6849	143.7421	4/02/2018	66	Lake Bael Bael
Red-necked Stint	<i>Calidris ruficollis</i>	Birdlife	-35.7342	143.9453	5/02/2018	1	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8624	144.0949	15/02/2018	5	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	17/02/2018	2	Hird Swamp
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.8624	144.0958	17/02/2018	1	Hird Swamp
Pectoral Sandpiper	<i>Calidris melanotos</i>	eBird	-35.8624	144.0958	17/02/2018	1	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	17/02/2018	40	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	17/02/2018	1	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	VBA	-35.8624	144.0958	17/02/2018	1	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	eBird	-35.8624	144.0958	24/02/2018	3	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	24/02/2018	3	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	VBA	-35.8624	144.0958	24/02/2018	3	Hird Swamp

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	26/02/2018	3	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8583	144.0917	2/03/2018	44	Hird Swamp
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-36.1004	143.9918	22/09/2018	1	Yarrowalla and surrounds
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-36.1062	143.9933	22/09/2018	1	Yarrowalla and surrounds
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	27/09/2018	4	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	27/09/2018	4	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	27/09/2018	4	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	31/12/2018	10	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8035	143.8633	23/01/2019	32	Lake Murphy
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.7330	143.9116	27/01/2019	3	Kerang Wildlife Reserve - Loddon River
Pectoral Sandpiper	<i>Calidris melanotos</i>	eBird	-35.8075	143.8639	27/01/2019	1	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	27/01/2019	80	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	31/01/2019	1	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	3/02/2019	2	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8047	143.8695	3/02/2019	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	9/02/2019	20	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8035	143.8633	10/02/2019	11	Lake Murphy

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8042	143.8733	11/02/2019	41	Lake Murphy
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.7308	143.9095	13/02/2019	1	Kerang Wildlife Reserve - Loddon River
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	20/02/2019	15	Lake Murphy
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.8075	143.8639	2/03/2019	2	Lake Murphy
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.8075	143.8639	2/03/2019	2	Lake Murphy
Pectoral Sandpiper	<i>Calidris melanotos</i>	eBird	-35.8075	143.8639	2/03/2019	1	Lake Murphy
Pectoral Sandpiper	<i>Calidris melanotos</i>	eBird	-35.8075	143.8639	2/03/2019	1	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	2/03/2019	250	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	2/03/2019	X	Lake Murphy
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8075	143.8639	2/03/2019	1	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	17/03/2019	12	Lake Murphy
Curlew Sandpiper	<i>Calidris ferruginea</i>	VBA	-35.8266	144.0679	24/08/2019	2	Johnson Swamp
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.8075	143.8639	9/09/2019	2	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	9/09/2019	10	Lake Murphy
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.7348	143.9103	2/11/2019	1	Kerang Wildlife Reserve - Loddon River
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	6/11/2019	11	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	6/11/2019	11	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	6/11/2019	11	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	6/11/2019	14	Kerang - Foster Swamp & WWTP

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	6/11/2019	14	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	6/11/2019	14	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	10/11/2019	X	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8266	144.0679	11/11/2019	42	Johnson Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8075	143.8639	12/12/2019	50	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8266	144.0679	29/01/2020	32	Johnson Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	19/12/2020	1	Hird Swamp
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.8624	144.0958	26/12/2020	1	Hird Swamp
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.8624	144.0958	27/12/2020	1	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	27/12/2020	1	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8688	144.0981	30/12/2020	1	Hird Swamp
Common Greenshank	<i>Tringa nebularia</i>	REC	-35.6407	143.7731	1/01/2021	3	Lake Cullen
Curlew Sandpiper	<i>Calidris ferruginea</i>	REC	-35.6407	143.7731	1/01/2021	8	Lake Cullen
Marsh Sandpiper	<i>Tringa stagnatilis</i>	REC	-35.6407	143.7731	1/01/2021	3	Lake Cullen
Red-necked Stint	<i>Calidris ruficollis</i>	REC	-35.6407	143.7731	1/01/2021	526	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	REC	-35.8633	144.0952	1/01/2021	5	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	REC	-35.6407	143.7731	1/01/2021	2020	Lake Cullen
Wood Sandpiper	<i>Tringa glareola</i>	REC	-35.8633	144.0952	1/01/2021	2	Hird Swamp
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.8624	144.0958	15/01/2021	3	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	15/01/2021	1	Hird Swamp

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.8624	144.0958	16/01/2021	2	Hird Swamp
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.8624	144.0958	16/01/2021	3	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	16/01/2021	2	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	21/01/2021	3	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	21/01/2021	3	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VBA	-35.8570	144.0969	21/01/2021	5	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	21/01/2021	2	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	eBird	-35.8624	144.0958	21/01/2021	2	Hird Swamp
Wood Sandpiper	<i>Tringa glareola</i>	VBA	-35.8570	144.0969	21/01/2021	2	Hird Swamp
Latham's Snipe	<i>Gallinago hardwickii</i>	eBird	-35.7240	143.9074	20/02/2021	4	Kerang Wildlife Reserve - Loddon River
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	28/02/2021	2	Hird Swamp
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.7322	143.9517	10/07/2021	12	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8303	144.2096	26/10/2021	9	Cohuna Wastewater Treatment Plant
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.8303	144.2096	28/12/2021	1	Cohuna Wastewater Treatment Plant
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8303	144.2096	28/12/2021	17	Cohuna Wastewater Treatment Plant
Common Greenshank	<i>Tringa nebularia</i>	REC	-35.6891	143.7436	1/01/2022	1	Lake Bael Bael
Curlew Sandpiper	<i>Calidris ferruginea</i>	REC	-35.6407	143.7731	1/01/2022	2	Lake Cullen
Marsh Sandpiper	<i>Tringa stagnatilis</i>	REC	-35.6407	143.7731	1/01/2022	4	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	REC	-35.6407	143.7731	1/01/2022	395	Lake Cullen
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	30/09/2022	13	Kerang - Foster Swamp & WWTP

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	30/09/2022	13	Kerang - Foster Swamp & WWTP
Curlew Sandpiper	<i>Calidris ferruginea</i>	REC	-35.5466	143.8195	1/01/2023	4	Lake Kelly
Latham's Snipe	<i>Gallinago hardwickii</i>	REC	-35.7237	143.9038	1/01/2023	1	Kerang Wildlife Reserve - Loddon River
Pacific Golden Plover	<i>Pluvialis fulva</i>	REC	-35.5466	143.8195	1/01/2023	20	Lake Kelly
Red-necked Stint	<i>Calidris ruficollis</i>	REC	-35.7359	143.9475	1/01/2023	46	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	REC	-35.5152	143.7515	1/01/2023	26	Lake Tutchewop
Red-necked Stint	<i>Calidris ruficollis</i>	REC	-35.5466	143.8195	1/01/2023	4	Lake Kelly
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	REC	-35.7359	143.9475	1/01/2023	13	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	REC	-35.5152	143.7515	1/01/2023	2	Lake Tutchewop
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	1/03/2023	38	Kerang - Foster Swamp & WWTP
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.7322	143.9517	11/03/2023	1	Kerang - Foster Swamp & WWTP
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.7322	143.9517	11/03/2023	1	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	11/03/2023	26	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	11/03/2023	26	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	11/03/2023	28	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	11/03/2023	28	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	11/03/2023	2	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	11/03/2023	2	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	12/03/2023	X	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	12/03/2023	X	Kerang - Foster Swamp & WWTP

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	12/03/2023	15	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8624	144.0958	31/03/2023	15	Hird Swamp
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	20/10/2023	4	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	3/11/2023	1	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	3/11/2023	1	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	3/11/2023	1	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	3/11/2023	1	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	3/11/2023	1	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	3/11/2023	1	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	3/11/2023	1	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	3/11/2023	1	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	3/11/2023	1	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	3/11/2023	1	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	3/11/2023	1	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	3/11/2023	1	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	3/11/2023	1	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	3/11/2023	1	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	4/11/2023	15	Kerang - Foster Swamp & WWTP
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.7322	143.9517	6/11/2023	1	Kerang - Foster Swamp & WWTP

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.7322	143.9517	25/11/2023	1	Kerang - Foster Swamp & WWTP
Marsh Sandpiper	<i>Tringa stagnatilis</i>	eBird	-35.7322	143.9517	25/11/2023	1	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8047	143.8695	26/11/2023	3	Lake Murphy
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8228	144.0685	6/12/2023	6	Johnson Swamp
Curlew Sandpiper	<i>Calidris ferruginea</i>	eBird	-35.7322	143.9517	30/12/2023	1	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	30/12/2023	2	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7322	143.9517	30/12/2023	75	Kerang - Foster Swamp & WWTP
Common Greenshank	<i>Tringa nebularia</i>	REC	-35.7359	143.9475	1/01/2024	2	Kerang - Foster Swamp & WWTP
Common Sandpiper		REC	-35.7359	143.9475	1/01/2024	1	Kerang - Foster Swamp & WWTP
Curlew Sandpiper	<i>Calidris ferruginea</i>	REC	-35.5152	143.7515	1/01/2024	3	Lake Tutchewop
Curlew Sandpiper	<i>Calidris ferruginea</i>	REC	-35.5466	143.8195	1/01/2024	2	Lake Kelly
Double-banded Plover	<i>Anarhynchus bicinctus</i>	REC	-35.7359	143.9475	1/01/2024	7	Kerang - Foster Swamp & WWTP
Double-banded Plover	<i>Anarhynchus bicinctus</i>	REC	-35.5466	143.8195	1/01/2024	9	Lake Kelly
Marsh Sandpiper	<i>Tringa stagnatilis</i>	REC	-35.6207	143.7447	1/01/2024	1	Second Marsh
Marsh Sandpiper	<i>Tringa stagnatilis</i>	REC	-35.6440	143.8680	1/01/2024	1	Third Lake
Marsh Sandpiper	<i>Tringa stagnatilis</i>	REC	-35.5984	143.7324	1/01/2024	1	Third Marsh
Pacific Golden Plover	<i>Pluvialis fulva</i>	REC	-35.7359	143.9475	1/01/2024	1	Kerang - Foster Swamp & WWTP
Pectoral Sandpiper	<i>Calidris melanotos</i>	REC	-35.7359	143.9475	1/01/2024	1	Kerang - Foster Swamp & WWTP
Pectoral Sandpiper	<i>Calidris melanotos</i>	REC	-35.5152	143.7515	1/01/2024	1	Lake Tutchewop
Red-necked Stint	<i>Calidris ruficollis</i>	REC	-35.7359	143.9475	1/01/2024	6	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	REC	-35.5152	143.7515	1/01/2024	64	Lake Tutchewop
Red-necked Stint	<i>Calidris ruficollis</i>	REC	-35.5466	143.8195	1/01/2024	61	Lake Kelly

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	REC	-35.7359	143.9475	1/01/2024	226	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	REC	-35.6440	143.8680	1/01/2024	58	Third Lake
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	REC	-35.5152	143.7515	1/01/2024	30	Lake Tutchewop
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	REC	-35.6638	143.8778	1/01/2024	11	Middle Lake
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7375	143.9440	28/01/2024	1	Kerang - Foster Swamp & WWTP
Pectoral Sandpiper	<i>Calidris melanotos</i>	eBird	-35.7375	143.9440	26/04/2024	1	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7375	143.9440	26/04/2024	X	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7375	143.9440	5/05/2024	30	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.7375	143.9440	5/05/2024	2	Kerang - Foster Swamp & WWTP
Double-banded Plover	<i>Anarhynchus bicinctus</i>	eBird	-35.8155	143.8636	15/08/2024	7	Yarrowalla and surrounds
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	9/11/2024	70	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	9/11/2024	70	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	9/11/2024	70	Kerang - Foster Swamp & WWTP
Red-necked Stint	<i>Calidris ruficollis</i>	eBird	-35.7322	143.9517	9/11/2024	70	Kerang - Foster Swamp & WWTP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	11/12/2024	29	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	11/12/2024	1	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	11/12/2024	27	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	11/12/2024	50	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.5152	143.7515	11/12/2024	15	Lake Tutchewop

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Curlew Sandpiper	<i>Calidris ferruginea</i>	EHP	-35.6350	143.7719	12/12/2024	4	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	12/12/2024	156	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	12/12/2024	180	Lake Cullen
Curlew Sandpiper	<i>Calidris ferruginea</i>	EHP	-35.6350	143.7719	13/12/2024	5	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	13/12/2024	30	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	13/12/2024	1	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	13/12/2024	2	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	13/12/2024	2	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	13/12/2024	32	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	13/12/2024	5	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	13/12/2024	138	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	13/12/2024	7	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	13/12/2024	270	Lake Cullen
Curlew Sandpiper	<i>Calidris ferruginea</i>	Birdlife	-35.6442	143.7728	19/12/2024	2	Lake Cullen
Red-necked Stint	<i>Calidris ruficollis</i>	Birdlife	-35.6442	143.7728	19/12/2024	327	Lake Cullen
Red-necked Stint	<i>Calidris ruficollis</i>	Birdlife	-35.6442	143.7723	22/12/2024	211	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	Birdlife	-35.6442	143.7723	22/12/2024	333	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	eBird	-35.8303	144.2096	27/12/2024	30	Cohuna Wastewater Treatment Plant

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Common Greenshank	<i>Tringa nebularia</i>	REC	-35.6407	143.7731	1/01/2025	5	Lake Cullen
Common Greenshank	<i>Tringa nebularia</i>	REC	-35.6407	143.7731	1/01/2025	1	Lake Cullen
Curlew Sandpiper	<i>Calidris ferruginea</i>	REC	-35.5152	143.7515	1/01/2025	13	Lake Tutchewop
Curlew Sandpiper	<i>Calidris ferruginea</i>	REC	-35.6407	143.7731	1/01/2025	3	Lake Cullen
Long-toed Stint	<i>Calidris subminuta</i>	REC	-35.5152	143.7515	1/01/2025	3	Lake Tutchewop
Marsh Sandpiper	<i>Tringa stagnatilis</i>	REC	-35.6407	143.7731	1/01/2025	1	Lake Cullen
Pacific Golden Plover	<i>Pluvialis fulva</i>	REC	-35.6407	143.7731	1/01/2025	5	Lake Cullen
Pectoral Sandpiper	<i>Calidris melanotos</i>	REC	-35.5152	143.7515	1/01/2025	2	Lake Tutchewop
Pectoral Sandpiper	<i>Calidris melanotos</i>	REC	-35.6407	143.7731	1/01/2025	1	Lake Cullen
Red-necked Stint	<i>Calidris ruficollis</i>	REC	-35.5152	143.7515	1/01/2025	1061	Lake Tutchewop
Red-necked Stint	<i>Calidris ruficollis</i>	EHP	-35.6350	143.7719	1/01/2025	180	Lake Cullen
Red-necked Stint	<i>Calidris ruficollis</i>	EHP	-35.5152	143.7515	1/01/2025	100	Lake Tutchewop
Red-necked Stint	<i>Calidris ruficollis</i>	EHP	-35.6350	143.7719	1/01/2025	50	Lake Cullen
Red-necked Stint	<i>Calidris ruficollis</i>	REC	-35.6407	143.7731	1/01/2025	41	Lake Cullen
Red-necked Stint	<i>Calidris ruficollis</i>	EHP	-35.5152	143.7515	1/01/2025	5	Lake Tutchewop
Red-necked Stint	<i>Calidris ruficollis</i>	EHP	-35.6350	143.7719	1/01/2025	2	Lake Cullen
Red-necked Stint	<i>Calidris ruficollis</i>	EHP	-35.6350	143.7719	1/01/2025	2	Lake Cullen
Red-necked Stint	<i>Calidris ruficollis</i>	EHP	-35.6350	143.7719	1/01/2025	2	Lake Cullen
Red-necked Stint	<i>Calidris ruficollis</i>	EHP	-35.5152	143.7515	1/01/2025	2	Lake Tutchewop
Red-necked Stint	<i>Calidris ruficollis</i>	EHP	-35.5152	143.7515	1/01/2025	1	Lake Tutchewop
Ruddy Turnstone	<i>Arenaria interpres</i>	REC	-35.6407	143.7731	1/01/2025	1	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	REC	-35.5152	143.7515	1/01/2025	1200	Lake Tutchewop
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	REC	-35.6407	143.7731	1/01/2025	572	Lake Cullen

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Common Greenshank	<i>Tringa nebularia</i>	EHP	-35.6350	143.7719	15/01/2025	3	Lake Cullen
Common Greenshank	<i>Tringa nebularia</i>	EHP	-35.6350	143.7719	15/01/2025	1	Lake Cullen
Common Greenshank	<i>Tringa nebularia</i>	EHP	-35.6350	143.7719	15/01/2025	1	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	15/01/2025	2	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	15/01/2025	2	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	15/01/2025	5	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.5152	143.7515	15/01/2025	4	Lake Tutchewop
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.5152	143.7515	15/01/2025	5	Lake Tutchewop
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.5152	143.7515	15/01/2025	5	Lake Tutchewop
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.5152	143.7515	15/01/2025	4	Lake Tutchewop
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.5152	143.7515	15/01/2025	40	Lake Tutchewop
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	16/01/2025	250	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	16/01/2025	5	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	16/01/2025	140	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	16/01/2025	25	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	16/01/2025	90	Lake Cullen
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.6350	143.7719	16/01/2025	40	Lake Cullen

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.5152	143.7515	17/01/2025	5	Lake Tutchewop
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.5152	143.7515	17/01/2025	10	Lake Tutchewop
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.5152	143.7515	17/01/2025	100	Lake Tutchewop
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	EHP	-35.5152	143.7515	17/01/2025	5	Lake Tutchewop
Curlew Sandpiper	<i>Calidris ferruginea</i>	Birdlife	-35.6894	143.7470	2/12/2025	1	Lake Bael Bael
Red-necked Stint	<i>Calidris ruficollis</i>	Birdlife	-35.6894	143.7470	2/12/2025	450	Lake Bael Bael
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	Birdlife	-35.6894	143.7470	2/12/2025	45	Lake Bael Bael
Red-necked Stint	<i>Calidris ruficollis</i>	NA	-35.6849	143.7421	4/12/2025	170	Lake Bael Bael
Red-necked Stint	<i>Calidris ruficollis</i>	NA	-35.5152	143.7515	4/12/2025	45	Lake Tutchewop – south end at inlet 67m asl
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	NA	-35.5152	143.7515	4/12/2025	5	Lake Tutchewop – south end at inlet 67m asl
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	NA	-35.6849	143.7421	4/12/2025	1	Lake Bael Bael
Red-necked Stint	<i>Calidris ruficollis</i>	NA	-35.6979	143.8198	14/01/2026	2	Lake Elizabeth
Red-necked Stint	<i>Calidris ruficollis</i>	NA	-35.7359	143.9475	10/02/2026	1	Kerang - Foster Swamp & WWTP
Curlew Sandpiper	<i>Calidris ferruginea</i>	NA	-35.6979	143.8198	11/02/2026	1	Lake Elizabeth
Curlew Sandpiper	<i>Calidris ferruginea</i>	NA	-35.6979	143.8198	11/02/2026	1	Lake Elizabeth
Red-necked Stint	<i>Calidris ruficollis</i>	NA	-35.6979	143.8198	11/02/2026	36	Lake Elizabeth
Red-necked Stint	<i>Calidris ruficollis</i>	NA	-35.6979	143.8198	11/02/2026	24	Lake Elizabeth
Red-necked Stint	<i>Calidris ruficollis</i>	NA	-35.7359	143.9475	12/02/2026	1	Kerang - Foster Swamp & WWTP
Common Greenshank	<i>Tringa nebularia</i>	NA	-35.6979	143.8198	25/02/2026	2	Lake Elizabeth
Marsh Sandpiper	<i>Tringa stagnatilis</i>	NA	-35.7322	143.9517	25/02/2026	1	Hird Swamp

Common Name	Scientific Name	Data Source	Lat	Long	Date	Count	Wetland
Red-necked Stint	<i>Calidris ruficollis</i>	NA	-35.5152	143.7515	25/02/2026	110	Lake Tutchewop
Red-necked Stint	<i>Calidris ruficollis</i>	NA	-35.6979	143.8198	25/02/2026	8	Lake Elizabeth
Common Greenshank	<i>Tringa nebularia</i>	NA	-35.6979	143.8198	26/02/2026	1	Lake Elizabeth
Curlew Sandpiper	<i>Calidris ferruginea</i>	NA	-35.5152	143.7515	26/02/2026	1	Lake Tutchewop
Red-necked Stint	<i>Calidris ruficollis</i>	NA	-35.6979	143.8198	26/02/2026	37	Lake Elizabeth
Red-necked Stint	<i>Calidris ruficollis</i>	NA	-35.5152	143.7515	26/02/2026	33	Lake Tutchewop

Appendix 21: Site descriptions and habitat suitability for migratory shorebirds.

Site ⁶	Description	Habitat suitability during summer surveys	
		Wading shorebirds	Snipe species
Cranes Lake	Saline lake, dry during recent surveys, with no waterbirds recorded. Likely to provide limited exposed flats and shallow margins when partially inundated. Sparse fringing vegetation.	Marginal	Marginal
Duck Lake	An active salt production lake; generally dryer with limited waterbird use. Small areas of shallow water may be present when partially inundated.	Potential	Marginal
First Marsh	Dry during recent surveys; potential to provide shallow water and exposed margins when inundated. Diversity of salt-tolerant vegetation.	Potential	Potential
Hird Swamp*	Generally, partially inundated with small pools of deeper water; limited shallows present. Dense fringing vegetation.	Potential	Potential
Hunts Swamp	Lignum swamp, which was dry over the summer period. Potential habitat for both snipes and waders when flooded.	Potential	Potential
Johnson Swamp*	Mostly dry with small isolated pools; limited extent of habitat with low suitability except during periods of greater inundation. Structurally diverse fringing and emergent vegetation.	Potential	Potential
Kangaroo Lake*	Deep permanent freshwater lake with densely vegetated margins and limited open shoreline; occasional waterbirds present, but little suitable shallow or exposed shorebird habitat.	Marginal	Potential

⁶ Asterisk denote sites that are included within the Kerang Wetlands Ramsar Site (DEPI 2013), wetlands within 10 km of the Project Area are shown in bold

Site ⁶	Description	Habitat suitability during summer surveys	
		Wading shorebirds	Snipe species
Foster Swamp and associated wastewater treatment plant	Shallow pools with extensive mudflats were recorded. Minor saltbush vegetation fringed the area.	Good	Marginal
Kerang Wildlife Reserve - Loddon River*	Generally dry or channelised habitat with vegetated banks; limited shallow open margins.	Marginal	Potential
Koorangie Wildlife Reserve*	Large freshwater swamp supporting many waterbirds; margins largely vegetated or treed with limited open mudflats.	Marginal	Potential
Kow Swamp	Deep freshwater wetland with dense emergent vegetation; limited shallow margins or exposed flats.	Marginal	Potential
Lake Bael Bael*	Large freshwater wetland with high waterbird abundance; extensive shallows and exposed mudflats recorded prior to drying. Diversity of salt-tolerant vegetation along margins.	Good	Potential
Lake Boort	Freshwater lake; dry during recent surveys, but shallow basin suggests potential for exposed flats when partially inundated	Marginal	Marginal
Lake Charm*	Deep permanent lake with steep vegetated margins; limited shallow water or exposed flats and generally low suitability.	Marginal	Potential
Lake Cullen*	Saline lake supporting many waterbirds with extensive mudflats when inundated; dry during recent surveys but likely highly suitable under favourable water conditions. Little vegetation.	Good	Marginal

Site ⁶	Description	Habitat suitability during summer surveys	
		Wading shorebirds	Snipe species
Lake Elizabeth	Small saline lake with high waterbird abundance; diverse water depths and exposed mudflats. Varying density of fringing vegetation	Good	Potential
Lake Kelly*	Saline lake with extensive shallow water and flats during partial inundation; dried by January 2026 but likely suitable during transitional water levels. Vegetated margins.	Good	Potential
Lake Leaghur	Small saline lake with shallow pools observed; potential for exposed flats and suitable habitat during partial inundation. Fringed by a structural diversity of vegetation.	Potential	Potential
Lake Lyndger	Freshwater lake dry during surveys; shallow basin suggests potential shallow water or exposed flats when partially inundated. Fringed by a diversity of vegetation.	Potential	Potential
Lake Murphy	Dry saline basin dominated by saltbush. Potential for some exposed flats when partially inundated.	Marginal	Potential
Lake Tutchewop*	Large saline lake with extensive sandy margins and shallows; highly suitable when water present, though dry during January 2026. Fringed by low-lying saline vegetation.	Good	Potential
Lake Wandella	Small saline lake dry during surveys; sparse vegetation and limited flats suggest generally low habitat extent.	Marginal	Marginal
Lake William*	Saline lake with shallow margins and open saline vegetation; potentially provides exposed flats during partial inundation.	Potential	Marginal
Little Lake Meering	Vegetated freshwater lake with limited open mudflat.	Marginal	Potential

Site ⁶	Description	Habitat suitability during summer surveys	
		Wading shorebirds	Snipe species
Little Lake Boort	Deep permanent lake with steep vegetated margins; limited shallow or exposed shoreline habitat. Margins largely vegetated with dense grass and reeds.	Marginal	Potential
Little Lake Charm*	Small deep lake with dense fringing vegetation.	Marginal	Potential
Little Lake Kelly*	Small saline lake providing only brief windows of exposed flats during its quick drying phases (inundated in December 2025, dry in January 2026). Sparse low-lying saline vegetation.	Potential	Marginal
Little Lake Meran	Smaller lake with high waterbird abundance; heterogeneous depths and exposed mudflats. Varying density of fringing vegetation.	Potential	Potential
Middle Lake*	Deep water with dense fringing vegetation; limited shallow margins or exposed flats.	Marginal	Potential
Racecourse Lake*	Deep permanent lake; used extensively for human recreation. Steep sides and vegetated margins with little likelihood of exposed flats.	Marginal	Potential
Reedy Lake*	Fully inundated during surveys with limited shallow margins or exposed flats. Fringed with range of densities of vegetation.	Marginal	Potential
Third Lake*	Dry during surveys; basin heterogeneity suggests potential shallow water and exposed flats when partially inundated. Structurally diverse fringing vegetation.	Potential	Potential
Third Marsh*	Mostly dry saline wetland with dense fringing vegetation and limited open flats.	Marginal	Potential

Site ⁶	Description	Habitat suitability during summer surveys	
		Wading shorebirds	Snipe species
Second Marsh	Dry during surveys; potential shallow habitat when inundated. Fringed with range of densities of vegetation.	Potential	Potential
Tragowel Swamp	Large swamp dominated by dense lignum shrubland when dry; limited open flats and low suitability.	Marginal	Potential
Two Mile Swamp Wildlife Reserve	Lignum swamp and black box swampy woodland. Likely to provide habitat in wet years to freshwater shorebirds and snipes.	Potential	Potential
Woolshed Swamp	Large heterogeneous wetland with varied water depths, exposed mudflats and islands. Margines vegetated.	Potential	Potential
Yarrowalla Nature Conservation Reserve	Ephemeral creek that spills into wetlands and flats. Vegetation dominated by saltbush with scattered lignums.	Potential	Marginal

Appendix 22: Assessment of potential Growling Grass Frog wetland habitat

VWI	BBHSM	Area (ha)	Quality (desktop)	Field Assessment											Revised habitat quality
				Water present	Water cover (%)	Waterway Connectivity	Drainage line visible from ground	Emergent vegetation	Floating vegetation	Shallow edges	Rocks/logs	Fenced	Grazed/cropped	Context	
315144	-	0.34	High	no	0	yes	no	no	no	yes	no	no	yes	grazing paddocks	Moderate
315145	-	0.44	High	no	0	yes	no	no	no	yes	no	no	yes	grazing paddocks	Moderate
-	8331	23.07	High	no	0	yes	no	yes	no	yes	no	no	yes	grazing paddocks/crops	Moderate
315269	8330	57.70	High	no	0	yes	no	no	no	yes	no	no	yes	grazing paddocks	Moderate
45407	-	169.81	High	no	0	yes	no	no	no	yes	no	no	yes	grazing paddocks/crops	Moderate
314771	-	19.54	High	no	0	no	no	no	no	yes	no	no	yes	grazing paddocks/crops	Low
315076	-	0.07	Moderate	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Unsuitable
314916	-	0.07	Moderate	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Unsuitable
315358	-	0.07	Moderate	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Unsuitable
314918	-	0.11	Moderate	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Unsuitable
314915	-	0.14	Moderate	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Unsuitable
315353	-	0.14	Moderate	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Unsuitable
43316	-	8.80	Moderate	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Unsuitable
315254	-	0.09	Moderate	no	0	yes	no	no	no	yes	no	no	yes	grazing paddocks	Moderate
315255	-	0.10	Moderate	no	0	yes	no	no	no	yes	no	no	yes	grazing paddocks	Moderate
321647	-	0.07	Moderate	no	0	yes	no	no	no	yes	yes	no	unknown	grazing paddocks	Moderate

VWI	BBHSM	Area (ha)	Quality (desktop)	Field Assessment											Revised habitat quality
				Water present	Water cover (%)	Waterway Connectivity	Drainage line visible from ground	Emergent vegetation	Floating vegetation	Shallow edges	Rocks/l ogs	Fenced	Grazed/c ropped	Context	
315235	-	0.09	Moderate	yes	20	yes	no	no	no	yes	no	no	yes	swamp, grazing paddocks	Moderate
315298	-	0.11	Moderate	yes	80	yes	no	no	no	yes	no	no	yes	grazing paddocks	Moderate
314912	-	0.13	Moderate	yes	90	no	no	yes	yes	yes	no	no	yes	grazing paddocks	Moderate
315130	-	0.25	Moderate	yes	90	yes	no	yes	yes	yes	no	no	yes	grazing paddocks/flood-prone area	Moderate
45207	-	16.27	Moderate	no	0	no	no	no	no	yes	no	no	yes	crops	Moderate
45220	-	49.28	Moderate	no	0	no	no	no	no	yes	yes	no	unknown	grazing paddocks	Moderate
315155	-	0.07	Moderate	no	0	no	no	no	no	yes	no	no	yes	grazing paddocks	Low
315140	-	0.06	Moderate	no	0	no	no	no	no	yes	no	no	yes	grazing paddocks	Low
321558	-	0.07	Moderate	yes	70	no	no	no	no	yes	no	no	unknown	crops	Low
315249	-	0.07	Moderate	no	0	no	no	no	no	yes	no	no	yes	crops	Low
321542	-	0.07	Moderate	no	0	no	no	no	no	yes	no	no	yes	grazing paddocks/crops	Low
315410	-	0.07	Moderate	yes	70	no	yes	no	no	yes	no	no	yes	grazing paddocks/crops	Low

VWI	BBHSM	Area (ha)	Quality (desktop)	Field Assessment											Revised habitat quality
				Water present	Water cover (%)	Waterway Connectivity	Drainage line visible from ground	Emergent vegetation	Floating vegetation	Shallow edges	Rocks/l ogs	Fenced	Grazed/c ropped	Context	
315406	-	0.07	Moderate	no	0	no	no	no	no	no	no	no	yes	grazing paddocks/crops	Low
318745	-	0.08	Moderate	no	0	yes (see notes)	no	no	no	yes	no	no	yes	crops	Low
321616	-	0.08	Moderate	yes	80	no	no	no	no	yes	no	no	yes	grazing paddocks/crops	Low
315271	-	0.09	Moderate	no	0	no	no	no	no	no	no	no	yes	grazing paddocks	Low
315407	-	0.09	Moderate	no	0	no	no	no	no	yes	no	no	yes	grazing paddocks/crops	Low
321562	-	0.09	Moderate	yes	90	no	no	no	no	yes	no	no	unknown	crops	Low
321561	-	0.10	Moderate	yes	20	no	no	no	no	yes	no	no	unknown	crops	Low
315068	-	0.10	Moderate	no	0	no	no	no	no	no	no	no	yes	crops	Low
315323	-	0.10	Moderate	no	0	no	no	no	no	yes	no	no	yes	grazing paddocks	Low
315315	-	0.10	Moderate	no	0	no	no	no	no	yes	yes	no	yes	grazing paddocks	Low
315302	-	0.11	Moderate	no	0	no	no	no	no	yes	yes	no	yes	grazing paddocks/crops	Low
315310	-	0.11	Moderate	yes	80	no	no	no	no	yes	no	no	yes	grazing paddocks	Low
315251	-	0.11	Moderate	no	0	no	no	no	no	yes	no	no	yes	crops	Low
315345	-	0.11	Moderate	yes	80	no	no	no	no	no	no	no	yes	crops	Low

[illegible]

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Appendix 23: Evidence of offset availability under the Guidelines

Report of available native vegetation credits

This report lists native vegetation credits available to purchase through the Native Vegetation Credit Register.

This report is **not evidence** that an offset has been secured. An offset is only secured when the units have been purchased and allocated to a permit or other approval and an allocated credit extract is provided by the Native Vegetation Credit Register.

Date and time: 23/07/2026 12:47

Report ID: 37088

What was searched for?

General offset

General habitat units	Strategic biodiversity value	Large trees	Vicinity (Catchment Management Authority or Municipal district)	
1.379	0.3918	4	CMA	North Central
			or LGA	Loddon Shire

Details of available native vegetation credits on 23 July 2026 12:47

These sites meet your requirements for general offsets.

Credit Site ID	GHU	LT	CMA	LGA	Land owner	Trader	Fixed price	Broker(s)
BBA-3031	2.329	86	North Central	Pyrenees Shire	Yes	Yes	No	VegLink
BBA-3052_01	5.356	6	North Central	Northern Grampians Shire	Yes	Yes	No	VegLink
TFN-C1702	16.952	16	North Central	Gannawarra Shire	Yes	Yes	No	TFN, VegLink
VC_CFL-3076_01	7.605	40	North Central	Pyrenees Shire	Yes	Yes	No	Bio Offsets
VC_CFL-3815_01	1.999	9	North Central	Central Goldfields Shire	Yes	Yes	No	VegLink
VC_TFN-09554_01	13.291	382	North Central	Macedon Ranges Shire	Yes	Yes	No	Bio Offsets

These sites meet your requirements using alternative arrangements for general offsets.

Credit Site ID	GHU	LT	CMA	LGA	Land owner	Trader	Fixed price	Broker(s)
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There are no sites listed in the Native Vegetation Credit Register that meet your offset requirements when applying the alternative arrangements as listed in section 11.2 of the Guidelines for the removal, destruction or lopping of native vegetation.

These potential sites are not yet available, land owners may finalise them once a buyer is confirmed.

Credit Site ID	GHU	LT	CMA	LGA	Land owner	Trader	Fixed price	Broker(s)
VC_CFL-3701_01	10.574	18	Goulburn Broken, North Central	Greater Bendigo City	Yes	Yes	No	Bio Offsets
VC_CFL-3742_01	12.301	410	North Central	Loddon Shire	Yes	Yes	No	Contact NVOR

LT - Large Trees

CMA - Catchment Management Authority

LGA - Municipal District or Local Government Authority

Next steps

If applying for approval to remove native vegetation

Attach this report to an application to remove native vegetation as evidence that your offset requirement is currently available.

If you have approval to remove native vegetation

Below are the contact details for all brokers. Contact the broker(s) listed for the credit site(s) that meet your offset requirements. These are shown in the above tables. If more than one broker or site is listed, you should get more than one quote before deciding which offset to secure.

Broker contact details

Broker Abbreviation	Broker Name	Phone	Email	Website
	Fully traded			
Abezco	Abzeco Pty. Ltd.	(03) 9431 5444	offsets@abzeco.com.au	www.abzeco.com.au
Baw Baw SC	Baw Baw Shire Council	(03) 5624 2411	bawbaw@bawbawshire.vic.gov.au	www.bawbawshire.vic.gov.au
Bio Offsets	Biodiversity Offsets Victoria	0452 161 013	info@offsetsvictoria.com.au	www.offsetsvictoria.com.au
Contact NVOR	Native Vegetation Offset Register	136 186	nativevegetation.offsetregister@deeca.vic.gov.au	www.environment.vic.gov.au/native-vegetation
Ecocentric	Ecocentric Environmental Consulting	0410 564 139	ecocentric@me.com	Not available
Ethos	Ethos NRM Pty Ltd	(03) 5153 0037	offsets@ethosnrm.com.au	www.ethosnrm.com.au
IDES	ID Ecological Management	(03) 9437 0555		www.idecological.com.au
Nillumbik SC	Nillumbik Shire Council	(03) 9433 3316	offsets@nillumbik.vic.gov.au	www.nillumbik.vic.gov.au
TFN	Trust for Nature	8631 5888	offsets@tfn.org.au	www.trustfornature.org.au
VegLink	Vegetation Link Pty Ltd	(03) 8578 4250 or 1300 834 546	offsets@vegetationlink.com.au	www.vegetationlink.com.au
Yarra Ranges SC	Yarra Ranges Shire Council	1300 368 333	biodiversityoffsets@yarraranges.vic.gov.au	www.yarraranges.vic.gov.au

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For more information contact the DEECA Customer Service Centre 136 186 or the Native Vegetation Credit Register at nativevegetation.offsetregister@delwp.vic.gov.au

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Notwithstanding anything else contained in this publication, you must ensure that you comply with all relevant laws, legislation, awards or orders and that you obtain and comply with all permits, approvals and the like that affect, are applicable or are necessary to undertake any action to remove, lop or destroy or otherwise deal with any native vegetation or that apply to matters within the scope of Clauses 52.16 or 52.17 of the Victoria Planning Provisions and Victorian planning schemes

Report of available native vegetation credits

This report lists native vegetation credits available to purchase through the Native Vegetation Credit Register.

This report is **not evidence** that an offset has been secured. An offset is only secured when the units have been purchased and allocated to a permit or other approval and an allocated credit extract is provided by the Native Vegetation Credit Register.

Date and time: 23/07/2026 12:48

Report ID: 37089

What was searched for?

Species offset

Common Name (<i>Scientific name</i>)	Species habitat units
Downs Nutgrass (<i>Cyperus bifax</i>)	0.001
Soft Sunray (<i>Leucochrysum molle</i>)	0.001
Annual Buttons (<i>Leptorhynchos orientalis</i>)	0.001
with number of large trees	0

Details of available native vegetation credits on 23 July 2026 12:48

These sites meet all your requirements for species offsets.

Credit Site ID	LT	CMA	LGA	Land owner	Trader	Fixed price	Broker(s)
BBA-0909	0	North Central	Campaspe Shire	Yes	Yes	No	Contact NVOR
		Species common name	Species scientific name		SHU		
		Downs Nutgrass	Cyperus bifax		0.009		
		Soft Sunray	Leucochrysum molle		0.009		
		Annual Buttons	Leptorhynchos orientalis		0.009		

These sites meet some of your requirements for species offsets, you may be able to meet all your requirements across multiple sites.

Credit Site ID	LT	CMA	LGA	Land owner	Trader	Fixed price	Broker(s)
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There are no sites listed in the Native Vegetation Credit Register that meet some of your offset requirements.

These potential sites are not yet available, land owners may finalise them once a buyer is confirmed.

Credit Site ID	LT	CMA	LGA	Land owner	Trader	Fixed price	Broker(s)
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There are no potential sites listed in the Native Vegetation Credit Register that meet your offset requirements.

LT - Large Trees

CMA - Catchment Management Authority

LGA - Municipal District or Local Government Authority

Next steps

If applying for approval to remove native vegetation

Attach this report to an application to remove native vegetation as evidence that your offset requirement is currently available.

If you have approval to remove native vegetation

Below are the contact details for all brokers. Contact the broker(s) listed for the credit site(s) that meet your offset requirements. These are shown in the above tables. If more than one broker or site is listed, you should get more than one quote before deciding which offset to secure.

Broker contact details

Broker Abbreviation	Broker Name	Phone	Email	Website
	Fully traded			
Abezco	Abzeco Pty. Ltd.	(03) 9431 5444	offsets@abzeco.com.au	www.abzeco.com.au
Baw Baw SC	Baw Baw Shire Council	(03) 5624 2411	bawbaw@bawbawshire.vic.gov.au	www.bawbawshire.vic.gov.au
Bio Offsets	Biodiversity Offsets Victoria	0452 161 013	info@offsetsvictoria.com.au	www.offsetsvictoria.com.au
Contact NVOR	Native Vegetation Offset Register	136 186	nativevegetation.offsetregister@deeca.vic.gov.au	www.environment.vic.gov.au/native-vegetation
Ecocentric	Ecocentric Environmental Consulting	0410 564 139	ecocentric@me.com	Not available
Ethos	Ethos NRM Pty Ltd	(03) 5153 0037	offsets@ethosnrm.com.au	www.ethosnrm.com.au
IDES	ID Ecological Management	(03) 9437 0555		www.idecological.com.au
Nillumbik SC	Nillumbik Shire Council	(03) 9433 3316	offsets@nillumbik.vic.gov.au	www.nillumbik.vic.gov.au
TFN	Trust for Nature	8631 5888	offsets@tfn.org.au	www.trustfornature.org.au
VegLink	Vegetation Link Pty Ltd	(03) 8578 4250 or 1300 834 546	offsets@vegetationlink.com.au	www.vegetationlink.com.au
Yarra Ranges SC	Yarra Ranges Shire Council	1300 368 333	biodiversityoffsets@yarraranges.vic.gov.au	www.yarraranges.vic.gov.au

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For more information contact the DEECA Customer Service Centre 136 186 or the Native Vegetation Credit Register at nativevegetation.offsetregister@delwp.vic.gov.au

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Obtaining this publication does not guarantee that the credits shown will be available in the Native Vegetation Credit Register either now or at a later time when a purchase of native vegetation credits is planned.

Notwithstanding anything else contained in this publication, you must ensure that you comply with all relevant laws, legislation, awards or orders and that you obtain and comply with all permits, approvals and the like that affect, are applicable or are necessary to undertake any action to remove, lop or destroy or otherwise deal with any native vegetation or that apply to matters within the scope of Clauses 52.16 or 52.17 of the Victoria Planning Provisions and Victorian planning schemes

Appendix 24: Detailed bat detector survey results for spring 2025, summer 2026 and autumn 2026

Species	Common Name	Foraging Guild	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6	Site 7	Site 8	Site 9	Site 10	Site 11	Site 12	Site 13	Site 14	Site 15	Site 16	Site 17	Total
Spring 2025																				
<i>Austronomus australis</i>	White-striped Free-tailed Bat	Open-space	135	18	31	14	25	17	14	123	25	38	23	62	16	47	37	N/A	N/A	625
<i>Chalinolobus gouldii</i>	Gould's Wattled Bat	Edge-space	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	N/A	N/A	D
<i>Chalinolobus morio</i>	Chocolate Wattled Bat	Clutter-space	Pr					D	D	D						D		N/A	N/A	D
<i>Ozimops planiceps</i>	South-eastern Free-tailed Bat	Open-space	D	D	D	D	Pr	Pr	D	D	D	D	D	D	D	Pr	D	N/A	N/A	D
<i>Ozimops ridei</i>	Eastern Free-tailed Bat	Open-space	D		Pr	D	Pr	D	D	D	D	D	D		D	D	D	N/A	N/A	D
<i>Scotorepens balstoni</i>	Inland Broad-nosed Bat	Edge-space	Po	D	D	D	D	D	Pr	D	Pr		D	D	D	D		N/A	N/A	D
<i>Vespadelus darlingtoni</i>	Large Forest Bat	Edge-space			D		D	D	D	D	D			D	Pr	D		N/A	N/A	D

Species	Common Name	Foraging Guild	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6	Site 7	Site 8	Site 9	Site 10	Site 11	Site 12	Site 13	Site 14	Site 15	Site 16	Site 17	Total
<i>Vespadelus regulus</i>	Southern Forest Bat	Clutter-space	D	D	D	D	D	Pr	D	D	D	D	D	D	D	Pr	D	N/A	N/A	D
<i>Vespadelus vulturnus</i>	Little Forest Bat	Clutter-space			D	Po	Po	Po	D	Pr	Pr	Pr	Pr	Po	Pr	Pr	D	N/A	N/A	D
Species complexes																				
<i>Nyctophilus spp. complex</i>	Long-eared Bat spp.	Clutter-space	181	0	13	7	16	14	9	38	18	36	14	37	27	39	31	N/A	N/A	480
<i>Vespadelus spp. complex</i>	Forest Bat spp.	Clutter-space	D	D														N/A	N/A	D
Summer 2026																				
<i>Austronomus australis</i>	White-striped Free-tailed Bat	Open-space	9	16	19	70	43	9	5	32	42	28	N/A	22	18	N/A	18	57	19	398
<i>Chalinolobus gouldii</i>	Gould's Wattled Bat	Edge-space	D	D	D	D	D	D	D	D	D	D	N/A	D	D	N/A	D	D	D	D
<i>Chalinolobus morio</i>	Chocolate Wattled Bat	Clutter-space	D	D	D	D	D	D	D	D	D		N/A	D		N/A	D			D
<i>Ozimops planiceps</i>	South-eastern	Open-space	D	D	D	D	Pr	Pr	D	Pr	D	D	N/A	D	D	N/A	D	D	D	D

Species	Common Name	Foraging Guild	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6	Site 7	Site 8	Site 9	Site 10	Site 11	Site 12	Site 13	Site 14	Site 15	Site 16	Site 17	Total
	Free-tailed Bat																			
<i>Ozimops ridei</i>	Eastern Free-tailed Bat	Open-space	D	D	D	D	Pr	D	Pr	D	D	D	N/A	D	D	N/A	D	D	D	D
<i>Scotorepens balstoni</i>	Inland Broad-nosed Bat	Edge-space	D	D	D		D	D	D	D	D		N/A	D	Pr	N/A	D	D	D	D
<i>Vespadelus darlingtoni</i>	Large Forest Bat	Edge-space					Pr	Pr		Pr	D		N/A			N/A	Pr	Pr		D
<i>Vespadelus regulus</i>	Southern Forest Bat	Clutter-space	D	D	D	D		D	D		D		N/A			N/A				D
<i>Vespadelus vulturnus</i>	Little Forest Bat	Clutter-space		D				D	Pr		D		N/A	D	Pr	N/A		Pr		D
Species complexes																				
<i>Nyctophilus spp. complex</i>	Long-eared Bat spp.	Clutter-space	18	4	25	2	14	9	6	17	76	6	N/A	21	8	N/A	29	27	2	264
Autumn 2026																				
<i>Austronomus australis</i>	White-striped Free-tailed Bat	Open-space	1408	288	2383	2096	1301	1207	94	558	1118	421	849	570	161	870	1364	N/A	N/A	14,688

Species	Common Name	Foraging Guild	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6	Site 7	Site 8	Site 9	Site 10	Site 11	Site 12	Site 13	Site 14	Site 15	Site 16	Site 17	Total
<i>Chalinolobus gouldii</i>	Gould's Wattled Bat	Edge-space	D	D	D	D	D	D	D		D	D	D	D	D	D	D	N/A	N/A	D
<i>Chalinolobus morio</i>	Chocolate Wattled Bat	Clutter-space			D		D	D	D	D		D	D	D		D	D	N/A	N/A	D
<i>Ozimops planiceps</i>	South-eastern Free-tailed Bat	Open-space	D	D	D	D	D	D	D	D	D	D	D	D	Pr	D	D	N/A	N/A	D
<i>Ozimops ridei</i>	Eastern Free-tailed Bat	Open-space	D	D	D	D	D	D	Pr	D	D	D	D	D	D	D	D	N/A	N/A	D
<i>Scotorepens balstoni</i>	Inland Broad-nosed Bat	Edge-space	Pr	Pr		D	D					Pr	Pr			Pr	D	N/A	N/A	D
<i>Vespadelus darlingtoni</i>	Large Forest Bat	Edge-space	D		D		D	D	D			D	D	D		D	D	N/A	N/A	D
<i>Vespadelus regulus</i>	Southern Forest Bat	Clutter-space	D	D	D	Pr	D	D	D	D	D	D	D	D	D	D	Pr	N/A	N/A	D
<i>Vespadelus vulturinus</i>	Little Forest Bat	Clutter-space	Pr		Pr		D	Pr	D	D	D	D	D		Pr	D		N/A	N/A	D
Species complexes																				

Species	Common Name	Foraging Guild	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6	Site 7	Site 8	Site 9	Site 10	Site 11	Site 12	Site 13	Site 14	Site 15	Site 16	Site 17	Total
<i>Nyctophilus spp. complex</i>	Long-eared Bat spp.	Clutter-space	59	19	54	39	243	27	196	24	145	50	69	15	16	34	300	N/A	N/A	1290

Appendix 25: Species habitat unit offset availability assessment.

13 August 2026

Atmos MWV Pty Ltd (ACN 679 126 026) as trustee for Atmos MWV Trust
Level 21, Suite 01, 555 Collins Street
MELBOURNE Australia 3000

Attention: Alex Barker

By email — alex.barker@atmosrenewables.com.au

Dear Alex,

**RE: MACORNA WIND FARM
 SPECIES HABITAT UNIT OFFSET AVAILABILITY ASSESSMENT
 NATURE ADVISORY REF 241680304**

Background

Atmos Renewables engaged Nature Advisory Pty Ltd to undertake a desktop assessment of potential offset opportunities associated with the proposed removal of native vegetation for the Macorna Wind Farm.

Native vegetation removal associated with the project generates offset requirements in accordance with the *Guidelines for the Removal, Destruction or Lopping of Native Vegetation* (DELWP 2017).

The current offset obligation comprises:

- 1.3790 General Habitat Units (GHUs) with the following offset attribute requirements:
 - Minimum Strategic Biodiversity Value (SBV) of 0.3918;
 - Located within the North Central CMA boundary or the Gannawarra Shire or Loddon Shire municipal districts; and
 - Protection of at least four large trees.
- 31.397 Species Habitat Units (SHUs) comprising:
 - 9.027 SHUs for Downs Nutgrass *Cyperus bifax* (500913);
 - 8.165 SHUs for Soft Sunray *Leucochrysum molle* (501647); and
 - 14.205 SHUs for Annual Buttons *Leptorhynchos orientalis* (501944);
 - Include protection of at least one large tree.

A search of the Native Vegetation Credit Register (NVCR) identified suitable General Habitat Unit credits available for purchase. However, no suitable Species Habitat Unit credits were identified at the time of assessment.

Accordingly, this investigation was undertaken to determine whether suitable third-party offset opportunities may be available within the broader project area to satisfy both the GHU and SHU offset requirements.

Methods

This investigation was undertaken using desktop-based assessment methods.

Habitat Importance Models (HIMs) for Downs Nutgrass, Soft Sunray and Annual Buttons were reviewed and spatially analysed. The three HIM layers were overlaid with the project layout and surrounding landholdings to identify areas where habitat values for one or more of the offset species occur.

Areas exhibiting the highest habitat importance scores, particularly where habitat suitability overlapped across multiple species, were prioritised for further investigation. Aerial imagery, cadastral boundaries and available native vegetation mapping were subsequently reviewed to identify properties with the potential to support species habitat offsets.

Potential offset sites were then assessed using DEECA mapping products and offset assessment tools to determine their capacity to generate species habitat units for the relevant species.

Results

A total of six offset scenarios (across six properties) have been produced (Figure A25). The available GHUs and SHUs for each option are provided below.

Scenario 1 – Old Echuca Road (Figure A25-6)

GHU availability exceeding project requirements

- 13.132 GHU (SBV 0.374)

One relevant SHU in quantities exceeding project requirements

- 15.712 - Downs Nutgrass *Cyperus bifax* (500913)

Scenario 2 – 2493 Kerang-Leitchville Road (Figure A25-3)

GHU availability exceeding project requirements.

- 4.867 GHU (SBV 0.694)

Three relevant SHUs, all in less than suitable quantities.

- 4.982 - Downs Nutgrass *Cyperus bifax* (500913)
- 4.863 - Soft Sunray *Leucochrysum molle* (501647)
- 4.982 - Annual Buttons *Leptorhynchos orientalis* (501944)

Scenario 3 – 184 Hayden Lane (Figure A25-2)

GHU availability exceeding project requirements.

- 2.587 GHU (SBV 0.625)

Two relevant SHUs, both in less than suitable quantities.

- 2.713 - Downs Nutgrass *Cyperus bifax* (500913)
- 2.713 - Annual Buttons *Leptorhynchos orientalis* (501944)

Scenario 4 – 177 Hubbard Road (Figure A25-1)

GHU availability exceeding project requirements.

- 3.249 GHU (SBV 0.652)

Three relevant SHUs, all in less than suitable quantities.

- 3.406 - Downs Nutgrass *Cyperus bifax* (500913)
- 3.378 - Soft Sunray *Leucochrysum molle* (501647)
- 3.366 - Annual Buttons *Leptorhynchos orientalis* (501944)

Scenario 5 – Campbells Road (Figure A25-4)

GHU availability exceeding project requirements.

- 4.867 GHU (SBV 0.736)

Three relevant SHUs, all in less than suitable quantities.

- 4.658 - Downs Nutgrass *Cyperus bifax* (500913)
- 4.690 - Soft Sunray *Leucochrysum molle* (501647)
- 4.690 - Annual Buttons *Leptorhynchos orientalis* (501944)

Scenario 6 – Mitiamo-Kerang Road (Figure A25-5)

GHU availability exceeding project requirements.

- 35.422 GHU (SBV 0.793)

Three relevant SHUs, all in suitable quantities.

- 32.218 - Downs Nutgrass *Cyperus bifax* (500913)
- 33.762 - Soft Sunray *Leucochrysum molle* (501647)
- 33.935 - Annual Buttons *Leptorhynchos orientalis* (501944)

Conclusion

All six offset scenarios provide GHUs in quantities exceeding the project's requirement of 1.3790 GHU. However, only Scenarios 2 to 6 satisfy the minimum Strategic Biodiversity Value (SBV) requirement of 0.3918, with Scenario 1 (Old Echuca Road) having an SBV of 0.374. Accordingly, the GHU component of the offset obligation could potentially be satisfied through any of Scenarios 2 to 6.

The desktop assessment identified six properties with the potential to generate SHUs for one or more of the species that generate offset requirements for the proposed development.

Of the six offset scenarios investigated, only Scenario 6 (Mitiamo-Kerang Road) provides all three required SHUs in quantities sufficient to meet the project's offset obligations. Accordingly, this property represents the most straightforward offset opportunity identified through the assessment and could satisfy the full SHU requirement through a single offset site, subject to landholder agreement and confirmation of site suitability.

The remaining scenarios provide SHUs for one or more of the required species; however, none individually provide sufficient SHUs to satisfy the project's complete offset requirement. Scenario 1 (Old Echuca Road) provides sufficient SHUs for Downs Nutgrass alone, while Scenarios 2 to 5 provide SHUs for multiple species but in quantities below those required by the project.

Should the Mitiamo-Kerang Road property be unavailable or unsuitable for offset purposes, a combination of multiple offset sites would be required to meet the full SHU obligation. Scenarios 2

to 5 demonstrate that habitat for all three target species occurs within the broader project locality, providing alternative opportunities for offset sourcing if required.

It should also be noted that, in addition to landholder agreement, any proposed offset site would require further assessment to confirm offset eligibility, native vegetation condition, habitat quality and the absence of conflicting land uses. Nevertheless, the desktop assessment demonstrates that suitable habitat for the required species occurs within the local area and indicates that the project's GHU and SHU offset requirements are likely capable of being secured through third-party offset arrangements.

Yours sincerely,

Mike Hitchcock

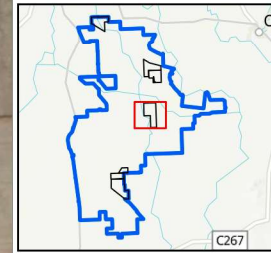
**Senior Ecologist & Project Manager
Nature Advisory Pty Ltd**

(03) 9815 2111 | mike@natureadvisory.com.au

Figure A25-1. Offset search scenario - 177 Hubbard Rd

Project No: 24129.00
Project: Macorna Wind Farm, VIC
Date: 14/08/2026

-  Project Area
-  Property boundary
-  Potential offset area



N
Metres
0 130 260 390 520 650
GDA2020 MGA Zone 55

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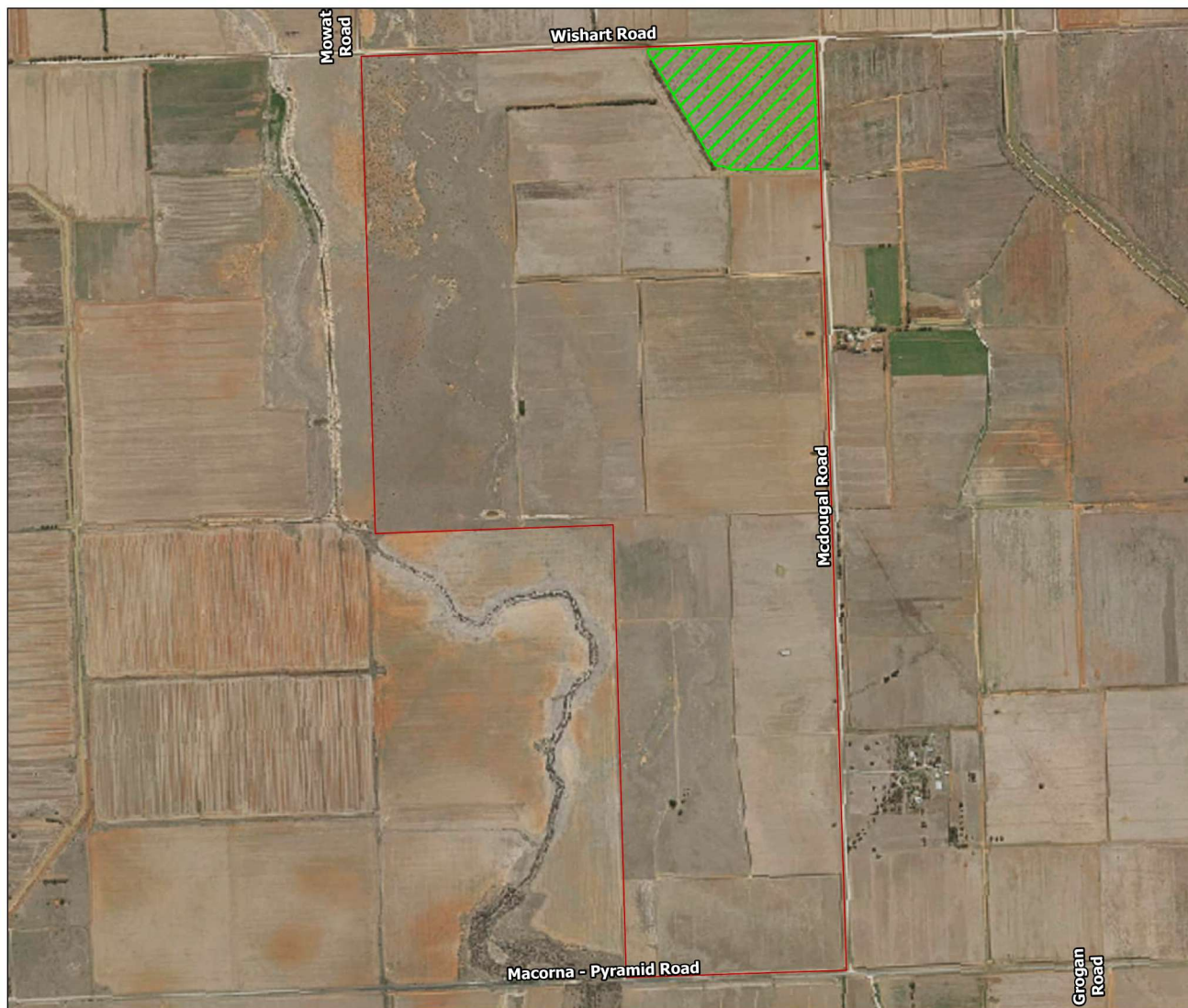
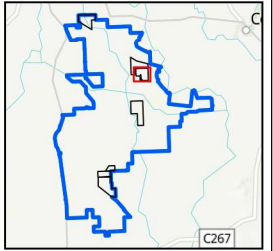


Figure A25-2. Offset search scenario - 184 Hayden Lane

Project No: 24129.00
Project: Macorna Wind Farm, VIC
Date: 14/08/2026

- Project Area
- Property boundary
- Potential offset area



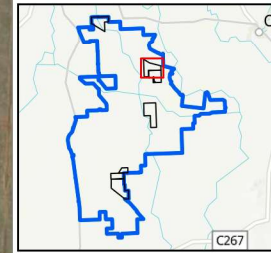
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Figure A25-3. Offset search scenario - 2493 Kerang-Leitchville Rd

Project No: 24129.00
Project: Macorna Wind Farm, VIC
Date: 14/08/2026

-  Project Area
-  Property boundary
-  Potential offset area



N
0 90 180 270 360 450
Metres
GDA2020 MGA Zone 55

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Advisory**

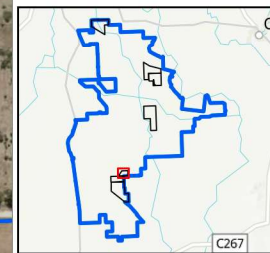
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03 9815 2111 - info@natureadvisory.com.au



**Figure A25-4. Offset
search scenario -
Campbells Rd**

Project No: 24129.00
Project: Macorna Wind Farm, VIC
Date: 14/08/2026

-  Project Area
-  Property boundary
-  Potential offset area



N
Metres
0 40 80 120 160 200
GDA2020 MGA Zone 55

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Spences Road

Godwards Road

Herdmans Road

Mitamo - Kerang Road

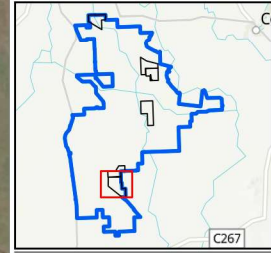
Rudducks Road

Mincha -
Canary
Island Road

**Figure A25-5. Offset search
scenario - Mitamo Kerang Rd**

Project No: 24129.00
Project: Macorna Wind Farm, VIC
Date: 14/08/2026

-  Project Area
-  Property boundary
-  Potential offset area



N
0 130 260 390 520 650
Metres
GDA2020 MGA Zone 55

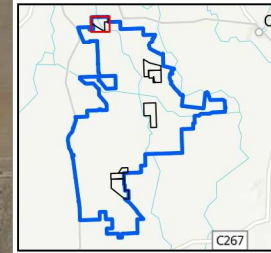
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Figure A25-6. Offset search scenario - Old Echuca Rd

Project No: 24129.00
Project: Macorna Wind Farm, VIC
Date: 14/08/2026

-  Project Area
-  Property boundary
-  Potential offset area



N
Metres
0 75 150 225 300 375
GDA2020 MGA Zone 55

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