

The Wrybill

Newsletter of the Canterbury Region,
Ornithological Society of New Zealand

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February 2017

What's on at OSNZ Canterbury:
February to April 2017

Indoor Meetings

Evening Meetings take place at 7.30 pm on the last Monday of the month at Mahaanui Area DOC Office, 31 Nga Mahi Road, off Blenheim Road, Sockburn. Plenty of parking is available.

February 27 – Member's night. As usual, various members have volunteered to share short talks or show some pictures.

March 27 – A brief AGM will be followed by a talk from Matthias Dehling about the work he did on birds in Peru for his PhD.

April 24 – To be announced at a later date.

Field Trips

February 11 – The all-bird count of Lake Ellesmere, organized by the Waihora Ellesmere Trust. The back up day for the count, should the weather be bad, will be Sunday the 12. If you are interested in attending, please contact Adrienne Lomax at manager@wet.org.nz or 021 952 9720, who will provide you with more information about where and when to meet. Make sure you bring binoculars, and a telescope if you have one.

March 18 – A trip to Oashore Bush above Little River. Postponed from the spring due to wet

weather, this will be a good opportunity to try our 5 min bird counts and see whether the bird life has improved since our last visit a few years ago. Meet at Halswell Bowling Club opposite the junction of Lillian Street and Halswell Road at 9am to carpool. You can bring your own car if you want to leave early. It will probably finish about 2pm. Bring lunch, binos, walking sticks, clothes and boots for bush walking, keen ears and notebooks. Phone or email Jan if you are coming so if it is cancelled she can let you know.

April – To be announced at a later date.

Rambles

Wednesday February 15 – Our first ramble of the year will be to Styx Mill Reserve. Meet in the car park off Styx Mill Road at 9:30 am.

Tuesday March 14 – Avon-Heathcote Estuary. Meet at the South end of Rocking Horse Road at 9:30 am.

Tuesday April 11 – Riccarton Bush. Meet in the carpark by Riccarton Bush House (off Kahu Road) at 9:30 am.

If you intend to come on any of the rambles please contact Bev Alexander on 03 313 7009 or birdiebev@xtra.co.nz to confirm details etc. Look forward to seeing you all there.

Birdathon 18 December 2016

This was inspired by a country-wide 24 hour birdathon with the aim of raising money to donate to the Hutton Shearwater Trust in Kaikoura. None of us had 24 hours to devote, so we aimed to see how many birds we could find in the time we had.

I met Sandra and Eleanor at Woodend at 8:30 am, then headed towards Amberley. Our first bird on the list was **Starling**, followed closely by a **House Sparrow**. We decided to take a detour via Kaiapoi Pa Road to see if we could get Little Owl. Along the road we saw **California Quail**. We stopped the car near where Little Owl have been seen before and one was sitting there, but by the time the other two were able to get a clear view it had disappeared. We got out of the car and walked around the tree but no sign of the bird. Well, never mind, off we went on another detour along Factory Road, where we managed to see **Peafowl** (2, a male and a female). Next, we made a quick stop at Saltwater Creek to see if we might see Kingfishers or the White Heron that had been there recently, but no luck.

We arrived at the Waipara Estuary at 9:40 am and added **Greenfinch, Goldfinch, Chaffinch, Feral Pigeon, Welcome Swallow, Yellowhammer, Skylark, Silvereye, Thrush, Blackbird, Black-billed Gull, Black-backed Gull, Banded Dotterel, Pied Stilt, Pied Oystercatcher, Paradise Shelduck, Mallard, Shoveler, Grey Teal, Pied Shag, Little Shag, Caspian Tern, White-fronted Tern, Black-fronted Tern, and Spur-winged Plover**. No sign of the Black-fronted Dotterel we had hoped to see. No birds were seen out at sea other than Black-backed Gulls and White-fronted Terns.

Back to the Amberley Beach Walkway where we added **Dunnock, Fantail, Grey Warbler, Redpoll** and **Bellbird** (a juvenile with a very strange polleny head having a bath).

11:40 am saw us back at the Ashley Estuary.

There was a strong N.W wind blowing now that made conditions very difficult for viewing. We checked out the South end of the estuary where we added **Bar-tailed Godwit, White-faced Heron, Black Swan, Variable Oystercatcher, Canada Goose** and **Wrybill** to the list. We were able to see a large gathering of **Spotted Shags** up near the river mouth, and a **Royal Spoonbill**. A stop at Taranaki Wetlands saw us find **Pukeko, Coot, Harrier, Scaup** and **Little Black Shag**. A **Kingfisher** was heard calling, then seen.

We took another drive along Kaiapoi Pa Road to see if we could see the **Little Owl**. It wasn't in the tree but we were able to see one sitting on a heap of Pine tree branches. Very well camouflaged. Nine **Mute Swan** were seen at Pegasus Wetland, also **Magpie**. Missed out seeing the Feral Geese that are usually in the northern ponds.

By now it was 1:50 pm so we decided to head to Lake Ellesmere and try to see some migrant waders. Another Little Owl was seen while driving along Davidsons Road. **Red-necked Stint, Pacific Golden Plover, Curlew Sandpiper, Pectoral Sandpiper** and the **Cox's Sandpiper** were added to the list after a good walk from Embankment Road. Three **Black Shags** were seen standing on posts out in the lake.

By now it was near 5 o'clock and I was thinking of all the things I needed to do before helping host the family for a pre Christmas do tomorrow so headed for home. We added one more species, **Red-billed Gull**, as we drove through Hornby, to make our total 58. Not bad.

All in all it was a very enjoyable day. We spent nine hours looking, travelled 180 km and saw most of the birds on our target list. With a little more luck and travelling a little further I think we could have added another ten species.

Yes, I would do it again. It's a real challenge to make sure all the team see or hear the bird.

By Bev Alexander

Marj Davis Bequest

The committee is seeking members' feedback on funding priorities for the Marj Davis bequest. At the AGM in March 2014, it was agreed that after paying for the plates in the new *Field Guide*, the remaining capital should be retained and that interest on the money should be disbursed annually. Since then the income has exceeded disbursements by a considerable margin. This can be seen in the following table.

	(\$)(\\$)
Original Bequest	80,000
Less disbursements	
Field Guide Plates	12,045
Student member development	900
	12,945
Plus Income	
	7,702
Current Balance	74,757

The student member development refers to support for attendance at a course at Miranda in 2014 and the Birds NZ youth camps in 2015 and 2016. This is in line with early discussions about what the fund could be used for. There have been some other proposals considered by the committee but these have been deemed inappropriate or in one case the applicant was able to fund their proposal in another way.

The committee's aim is to distribute the income from the bequest (currently around \$2,000 per

annum) in ways that will promote the study and welfare of birds and their habitat in Canterbury. In December, we met to review the management of the bequest and identified several areas where the money might be spent. We wish to discuss these at the AGM in March and are raising them now so that members can think about them in advance.

The proposals are as follows.

Canterbury birding activities In line with Marj's own interests, we could use the money to fund Canterbury Regional research projects carried out collectively by the membership. Depending on the projects, this could require some members being willing to make an ongoing time commitment. We could subsidise weekends away for members to study the birds in a particular area. We could also subsidise birding trips for members (eg Kaikoura pelagic). However, the committee felt that priority should be given to activities that produced a useful tangible result like a survey.

Student birder support We would like to continue to support student birders in taking up training and other development opportunities. We would like to encourage more young people to become involved including current members and young people who are not yet members. We would like to identify further development opportunities for student birders.

Independent research We could establish a research fund to contribute to relevant research in Canterbury. For example, we could make \$1,000 available every year or two. Applicants could be limited to university students who would provide a summary research proposal and budget.

Bird habitat restoration We could support conservation projects that improved bird habitat, for example through the erection of predator proof fences and/or reforestation.

Canterbury Field Course We could run a field course in and around Christchurch that would involve studying the wide variety of habitats and species in the area from shared accommodation in a central location.

Buying kit This idea did not have a lot of support but it is included for completeness. We could buy some gear for the use of members.

For example, scopes, cameras or recorders. The reason this wasn't popular was because of the practical problems. Where would the gear be kept? Who would chase people up if it wasn't returned? Who would pay if the gear was damaged?

The trust deed did not specify any purpose for which the money had been gifted however the fact that it was gifted to the Canterbury Region leads the committee to a strong view that a priority in spending the money should be a Canterbury focus. It is of note that Marj bequeathed money to several national charities, but always to the local branch.

The committee looks forward to discussing these proposals, and any other ideas members might have, at the March AGM. **Please feel free to put any thoughts in an email to the committee, prior to this, and email it to Jan.** A summary of any suggestions received will be circulated prior to the AGM.

John Allan, for the committee.

Recent Happenings

November was a busy month for members, with two fieldtrips and meetings being held, as well as a ramble.

Our first event of the month was a very interesting talk from Mailee Stanbury about the work she did for DOC monitoring Fairy Terns at Mangawhai in the summer of 2015. Her work involved monitoring nests and recording information, such as when the parent birds were on the nest, how much chicks were fed and how much they actually ate. Currently, the Fairy Tern population is comprised of forty three birds, so the success of each breeding season is crucial to the survival of the population.

Next up was the Ashley/Rakahuri River bird survey, which had to be postponed by two

weeks due to the high water level. Nearly all species were down on the long term averages, which is disappointing to see. This decrease was suggested to be due to an increase of weeds on the river and the very high water levels.

A ramble to Pegasus Wetlands turned up the usual variety of bird species. It is nice to see the population of Mute Swans there increasing, with nine being recorded. An observation was made about the relatively small number of Australian Shovelers compared to normal, with just eight counted.

Lake Ellesmere's annual summer wader count turned up few migrant waders on most sections of the lake, although the area between Jarvis and Embankment Road was full of them. This included seventeen Pacific Golden Plover, thirteen Sharp-tailed and four Curlew Sandpipers, fourteen Red-necked Stints, three Knots and twelve Turnstones. Wrybill and Banded Dotterel were also seen there. In other sections of the lake a Gull-billed Tern, another twenty six Red-necked Stints, and two more Knots were found. For the full results of the count, please refer to the spreadsheet attached at the back of this newsletter.

Our last activity for the year was a talk by Yvonne Curtis, who spoke about a trip she took through Zimbabwe and Botswana. While not an experience for the faint hearted, it turned up some stunning looking birds and other wildlife. Yvonne's photographs provided members with some good discussions about identification.

Birds NZ Subscriptions

These were due on January 1. Please make sure that you have paid these, as it is often easy to forget during the busy holiday period. If you haven't paid, please do so as soon as possible. You can either pay online or ask Jan to print you a form.

Birds NZ Conference and AGM 2017

The NZ Bird Conference and AGM will be held in Te Anau on Queen's Birthday Weekend, from the third to the fifth of June.

The conference again aims to continue the fine work of previous conferences in making this the premier New Zealand event for the communication of new research findings on New Zealand birds, with two days largely being devoted to scientific presentations, while also providing opportunity for discussion and networking and between bird researchers and birders in New Zealand. A variety of workshops are planned for the Sunday morning, which include banding, wader identification, use of eBird, and reporting unusual birds.

The field trips on the Monday look very exciting with a choice of a visit to Lake Orbell and Takahe Valley, exploring the Milford Road, tramping the Kelper to Iris Burn (and back) and to Awarua Bay. Register early to hopefully get your first choice. Early Bird Registrations close 31 March. Register online at <http://www.osnz.org.nz/node/841> or ask Jan for a print version if you don't have a computer.

Birds NZ Conference Subsidies

As a special offer, any student Birds NZ Canterbury or West Coast members will be offered \$200 as a subsidy if they register to attend the Birds NZ Conference in June. If you have any questions, please contact Jan.

Canterbury Branch AGM

The Canterbury branch AGM will be held on March 27 during our usual monthly meeting. We ask for nominations for the positions of RR, Regional Recorder, and Treasurer. All the other posts are appointed.

RR Stepping Down

I am standing down as RR at this AGM and I hope that someone will come forward to take over. If this doesn't happen, my email address will still be used by Birds NZ to communicate with our branch, but I won't be doing any of the other jobs an RR routinely carries out ie. arranging meetings, speakers, field trips, and sending out anything other than national notices.

Jan Walker

Useful Birding Websites

If you're fairly new to birding, you might wonder how other birders know about so many different and exciting places to go birding, how they always seem to know when a rare bird has been spotted, or how they build up their ID skills. You can look in a field guide or other book, but there are three online sites that are really helpful.

One is the discussion group birdingnz.net where people post their more interesting sightings and ask for identification help. A quick look at that every day or two will give you a good idea if there are any interesting birds in your area. The site also lets you sign up to receive text notifications about any especially rare birds that are reported.

Ebird (<http://ebird.org/content/ebird/>) is another very useful site. Birders worldwide use it to record all their sightings, and you can use it to help plan your birding trips. One way is to open the explore data tab and click on 'explore a region'. Type in Canterbury New Zealand, then continue to the recent visits tab. You can then see all the places that have recently been visited and a full list of the birds seen during each visit.

Another way is to click on the 'species maps' tab and enter the species you want to see and the region you want to see it in. You can then zoom in on an area to find exactly where it was seen. A third option is to click on the 'explore hotspots' tab, which allows you to enter the name of a country, area, or particular location. This can be especially handy when you are visiting a new area. These are just a few of the ways you can use ebird.

A third useful tool is the New Zealand Birds Online encyclopedia (<http://nzbirdsonline.org.nz/>). You can search for a particular bird, which is helpful when you want to look at photos and ID tips of a species you are unfamiliar with but hoping to see. You can also use it to help you ID a bird you have already seen but are unsure exactly what it is.

Hawksbury Lagoon

I was accused of being a Twitcher last week. One of those camo clad middle aged/elderly men with long lenses, who, in the pursuit of rare birds, brave the perils of First World highways in their 4x4 Outlandish Subarus. Subsisting on minimal rations of hastily consumed MacDonald's washed down with Coke, they hit the road at 2am, are in situ by dawn. Mission accomplished well before the sun's above the yardarm, they return to base and clock in at work by 8.30am, another life, year, country, county, patch, month, week, ebird tick under their belts.

It was a completely spurious accusation of course. True I braved SH1 on the tortuous route across the Kilmog from Waitati to that birding hotspot Hawksbury Lagoon and I did so after a paltry breakfast of porridge, coffee and toast.

But it was just pure coincidence that a rare bird had been photographed on the lagoon the day before I was scheduled to resume the quarterly counts of the Lagoon; one of my many ornithological New Year's resolutions. I'd also like to point out that my transport is a 20 year old small cheap 2x2 early Korean model car and my long lens is a so called bridge camera, which claims to have a 50x zoom but takes so long to focus, if indeed it ever does, that any ornithological subject, be it rare or no, has long flown the frame.

Add to that the fact that I dutifully counted all the wildfowl on the Lagoon and assiduously noted down the passerines both alien and native and well I rest my case. Just for the record there were 36 Royal Spoonbill; 303 Black Swan; 83 Canada Geese; 690 Mallard/Grey Duck (note I am not claiming Mallard as a tick); 101 Shoveler; 675 Grey Teal and 167 Pied Stilt. Not to mention 28 House Sparrows, 12 Goldfinches and a single Tui and Fantail. Not the sort of application a mere Twitcher would exhibit.

You can look up the full list on eBird. Not a "rare" in sight.

The bloody thing had upped and flown to Karitane. It must have heard I was coming. If only on my way back, I'd turned left off the hazardous SH1 onto the pleasant rural road to Karitane, I'd have been able to tick it off for the year and leapt up several places on the top 100 NZ birders on eBird. I'd have been able to hold off the challenge of Bruce that other notorious Otago Twitcher, and had a hope of maintaining my rightful position well up in the top 100 NZ birders. Instead I'm likely to slip out of the top 100 for the second consecutive year.

Sorry what was that? The rare bird? Well yes um well. Nothing to write home about actually. Couldn't give a stuff to be honest.

Derek Onley (borrowed from the Otago Regional Newsletter. Check the January edition of the Otago newsletter if you want to know what bird Derek missed).

Recent Sightings

**Canterbury and West Coast Bird Report
September 2016-January 2017**

This report covers the period 1st September 2016 to 13th January 2017 and is compiled from reports posted onto the Birding NZ internet discussion site and eBird. Your regional recorder would welcome news of any interesting bird sighting, unusual behaviour or searchable sources of other sightings. Email christchurchnzbirder@gmail.com.

Key to letters after bird names:

A = all reported occurrences (for rare/scarce species or escaped/released species etc)

S = significant numbers/occurrences (for species regularly encountered in the regions)

V = vagrant

Great Spotted Kiwi (A) Mokihinui River South Branch (Buller Dist): recorded present 9/9 RT. Bullock Creek Road, Punakaiki: 3 18/11 MAy, DL, PO, G&R, 2 23/11 MC. Devil's Punchbowl Track, Arthur's Pass 1m 1f heard 12/11 PK, 1 heard 4.45am PK.

Feral Goose (S) Washdyke Lagoon: 97 11/1 PS.

Canada Goose (S) Sandy Point, Avon-Heathcote Estuary: 507 5/1 EG, 900 8/1 PC.

Cape Barren Goose (A) St Anne's Lagoon: 2 25/9 CM, 2 28/10 MAy, 2 23/11 JWe. Brooklands Lagoon: 4 3/11 TR. Englishs Road (near Lincoln): 2 22/10 BA.

Mute Swan (A) Ashley Estuary: 4 28/10 MAy. Taranaki Stream Lagoon: 6 19/9 BA, 2 23/10 BA, 2 31/10 BA, 2 10/11 BA. Pegasus Wetlands: 8 10/9 BA, 4 ad & 3 imm 11/9 NA, 6 15/10 BA, 6 24/10 BA, 8 11/11 BA, 9 15/11 BNZC, 10 10/12 BA, 9 17/12 BA & EG, 10 28/12 BA, 10 7/1 BA. Tutaepatu Lagoon: 1 2/11 BA, 2 3/1 BA. Lincoln Wetlands: 3 4/11 JW, 4 22/11 JW. Embankment Road: 3 7/11 JW, 4 28/11 DT, JW. Yarrs Bay: 1 2/9 EG & BA. Harts Creek: 1 30/9 PC, 2 2/10 PR, 1 3/10 AR, 1 8/10 BA 2 ads & 2 juvs 19/11 BNZC, 2 ad & 1 juv 8/12 PR. Cooper's Lagoon:

16 25/9 PR, 18 18/11 PR, 18 19/11 BNZC, 22 1/1 BA. Spider Lagoon: 1 ad & 1 large downy chick 5/1 PS.

Black Swan (S) Ashley Estuary: 23 5/9 EG & BA.

Blue Duck (A) Kakapo Hut, Upper Kakapo River (Buller Dist): male & female heard 1/9 RT. Mingha River: 2 12/1 'Bennyboy87654'. Kawhaka Creek: 2 7/12 PB, 2 4/1 NW.

Australasian Shoveler (S) St Anne's Lagoon: 80 25/9 CM.

Grey Teal (S) Washdyke Lagoon: 637 11/1 PS.

Muscovy Duck (A) The Groynes: 7 8/9 BA, 5 29/9 BA, 3 8/10 BA, 2 13/11 PSc, 9 29/11 PR, 12 7/12 BA, 10 1/1 EG. Travis Wetland: 1 1/1 KR, 3 8/1 BA. Westlake Reserve Ponds: 4 12/9 BA & EG, 1 13/9 PR, 3 28/9 PR, 4 10/11 PR, 4 2/12 PR, 2 7/12 PR, 2 23/12 NW. Akaroa Harbour: 1 1/10 DE.

New Zealand Scaup (S) Lake Hood: 200+ 5/1 BA

Peafowl (A) Factory Road, Sefton: 2 17/12 BA & EG, Birdlings Flat: 3 4/1 NT.

Chukar (A) Mt John: 8 30/10 KS, 2 7/12 MAy, 2 imms 11/12 'Mxyzptlk'.

Australasian Crested Grebe (S) Pegasus Lakes: 3 10/9 BA. Tutaepatu Lagoon: 1 2/11 BA. North End Sand & Shingle pits: 4 16/9 BA, 4 22/9 BA. Kaiapoi Lakes: 3 16/9 BA. Roto Kohatu: 6 9/1 EG. Bromley Oxidation Ponds: 1 9/11 GB. Lake Lyndon: 2 23/12 NW. Lake Pearson: 2 6/10 KL & LL. Caton's Bay, Lake Forsyth: 3 9/12 PR & BA, 2 10/1 EG & BA. Lake Forsyth west end: 2 9/12 PR. Kaituna River Mouth, Kaituna Lagoon: 8 5/9 PC. Halswell River, Motukarara: 1 27/9 PC, 1 29/9 PC, 1 2/10 PC, 2 (nest with 5 eggs) 24/10 PC. Harts Creek: 12 30/9 PC, 6 2/10 PR, 2 3/10 AR, 2 8/10 BA, 2 19/10 PR. Cooper's Lagoon: 1 18/11 PR. Lake Alexandrina: 3 26/10 NM, 2 at southern end 30/10 KS. Lake MacGregor: 7 30/10 KS, 3 24/11 CB, 6 7/12 MAy. Lake MacGregor outlet: 2 5/9 NM. Lake Tekapo, southern shore: 1 23/9 NM, 1 22/10 DE, 2 28/10 JWe. Lake Middleton: 2 29/10 JWe. Wairepo Arm: 1 20/11 CB. Kellands Ponds: 1 14/11 CP, DL, MAy, PO, G&R. Ohau Delta: 1 31/10 KS. Waitaki Dam Lookout: 3 13/9 JL.

Yellow-eyed Penguin (A) Shell Bay, Banks Peninsula: 1 16/11 PC, 1 2/1 PC.

Little Penguin (S) River Avon, Christchurch CBD: 1

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swimming upriver at earthquake memorial site 6/1
The Press. Caroline Bay, Timaru: 14 15/11 JB.

Fiordland Crested Penguin (A) Taumaka, Open Bay
Islands (Westland): up to 29 1-15/9 CM.

Atlantic Yellow-nosed Albatross (V) Forty-fours,
Chatham Is: 1 early December DB.

Indian Yellow-nosed Albatross (A) The Pyramid,
Chatham Is: 3 'this year' PB.

Northern Giant Petrel (S) Albatross Encounter
pelagic: 70 6/11 AE.

Southern Fulmar (S) Albatross Encounter: 1 11/12
'unusual for this time of year' AE

Kerguelen Petrel (A) Taumaka, Open Bay Islands
(Westland): up to 15 1-4/9 CM.

Westland Petrel (S) Kaikoura Albatross Encounter
pelagic: 120 ('large flock') 27/10 GM & MAy.

Little Black Shag (A) Okari Estuary (Buller): 1 29/10
MD. Ashley Estuary: 2 21/12 BA, 1 30/12 BA, 1 6/1
BA. Taranaki Stream Lagoon: 1 23/10 BA, 1 10/11
BA, 2 17/12 BA, 3 imms 6/1 BA. Travis Wetlands: 5
30/10 KR, 2 8/12 BA. Lake Kate Sheppard: 2 1/1 KR,
23 3/1 PC. Beacon Street Lagoon: 1 5/11 TR.

Westlake Reserve Ponds: 1 12/9 EG & BA, 1 13/9 PR,
1 13/10 PR. Harts Creek: 1 19/10 PR, 2 19/11 BNZC.

Australasian Bittern (A) Lower Kaituna/Waimakariri
River: several booms heard from Gray
Crescent/Kalmia Place 9.05-9.20pm 28/10 PW. Harts
Creek: 2 heard booming early afternoon 30/9 PC, 2-
3 heard booming mid-afternoon 2/10 PR, 1 midday
3/10 AR.

White Heron (A) Waikuku Beach Road: 1 21/12 BA.
Taranaki Stream Lagoon: 1 19/9 BA. Kainga Beach,
lower Waimakariri River: 1 1 24/9 KH. Beacon Street
Lagoon, Brooklands: 1 10/12 TR. Ataahua Point,
Kaituna Lagoon: 1 3/9 BA & AR. Kaituna Lagoon: 2
5/9 PC. Drain Road, Lakeside: 2 26/9 BA. Harts
Creek: 1 30/9 PC, 2 8/10 BA, 1 31/10 BirdsNZ
Canterbury. Spider Lagoon: 1 30/9 PS, 1 1/11 PS.
Okari Estuary (Buller): 1 22/10 MD.

Little Egret (V) Lake Forsyth: 1 15/10 PR. Kaituna
Lagoon: 1 5/9 PC, 1 15/10 'Daraja'.

Reef Heron (A) Kaikoura Peninsula Walkway: 1
29/10 KS. Albatross Encounter pelagic: 1 3/11 AE, 1
13/11 AE. Taumaka, Open Bay Islands (Westland): 1

2-15/9 CM.

Cattle Egret (A) Tulls Road, Waikuku: 1 6/1 BA.

Kaituna Lagoon: flock of 6 in flight 8/12 MC. Lake and
Drain Roads, Lakeside: 4 4/9 PR, 14 (some showing
breeding plumage) 26/9 BA, 2 2/10 PR, 15 8/10 BA, 9
31/10 BNZC, 1 6/11 BA, 8 8/11 PR, 4 18/11 PR, 5
19/11 BNZC, 4 26/11 KR.

Glossy Ibis (A) Carrs Road, Loburn: 1 24/11 report via
AC through Birdingnz.net.

Royal Spoonbill (S) Kaikoura Peninsula Walkway: 1
24/12 PC. Ashley Estuary: 9 5/9 EG & BA, 6 30/9 BA,
2 13/10 BA, 1 31/10 BA, 28 3/11 BA, 5 28/11 BA, 9
2/1 BA. McIntosh's Hole (Lower Waimakariri R): 7
9/11 BA. Brooklands Lagoon: 11 28/10 PW, 17 flew S
13/11 BA. Bexley Wetlands: 5 3/9 EG. Sandy Point:
17 24/10 PC, 17 6/11 PC. Wigram Retention Basin: 6
12/9 NA. Lincoln Wetlands: 2 11/1 JW. Kaituna
Lagoon: 4 5/9 PC, 3 15/10 PR, 11 8/12 MC, 38 9/12
PR, 12 14/12 SH. Jarvis Road: 10 13/12 JW.

Embankment Road: 26 30/11 PR. Yarr's Bay: 10 5/12
EG, 7 10/1 EG. Harts Creek: 12 19/10 PR. Crescent
Island: 25 29/12 PC. Tip of Kaitorete Spit: 3 19/10 PC.
Spider Lagoon: 4 30/9 PS, 1 1/11 PS, 3 5/1 PS. Milford
Lagoon: 8 19/11 PS. Saltwater Creek Track, Timaru:
13 29/12 PRh. Ki-Wainono: 44 23/11 PS.

Weka (S) Jackson's Retreat Holiday Park: 16 'all over
campground with young' 6/10 KL & LL.

Marsh Crake (A) Travis Wetland: 1 22/12 KR. Ohau
Delta wetland: 1 small chick 30/10 KS, 1 small chick
seen & 1 adult heard 31/10 KS.

Spotless Crake (A) Travis Wetland: 1 was caught on a
motion-triggered camera set up by the rangers on
the evening of 30/11 KR.

Pukeko (S) Brooklands Lagoon: 95, probably more
13/11 BA.

Australian Coot (S) Kaiapoi Lakes: 42 16/9 BA. Travis
Wetlands: 2 ads 1 young (new breeding site) 8/12
BA. Wairepo Arm, Lake Ruataniwha: 40 13/9 JL.

Pied Stilt (S) Embankment Road: approx. 250 23/11
EG. Washdyke Lagoon: 252 11/1 PS. Ki-Wainono: 322
23/11 PS.

Black Stilt (A) Ashley Estuary: 1 4/9 BA, 1 5/9 EG &
BA. Kaituna Lagoon: 1 12/1 MR. Lake Tekapo
southern shore: 2 30/10 KS. Cass River: 2 26/10 'Dan

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B'. Lake MacGregor outlet: 2 5/9 NM, 2 28/10 MAy, 2 7/12 MAy, 2 28/12 'Mandyjane'. Tekapo River: 2 2/9 NM. Tasman Fan: 23 14/11 CP, DL, MAy, PO, G&R, 8 26/11 MC, 4 3/12 HT. Small lake adjacent SH8 & Tekapo Canal 1 27/11 SH. Lake Poaka: 1 26/12 KR. Stilt Ponds, Ohau River: 3 29/10 MAy, 2 14/11 CP, DL, MAy, PO, G&R.

Hybrid Stilt (S) Ashley Estuary: 2E & 1 F node 30/12 BA.

Variable Oystercatcher (S) Kaituna Valley Road: 1 3/9 BA. Washdyke Lagoon: 22 21/11 PS, 28 11/1 PS.

Pacific Golden Plover (A) Jarvis Road: 30 13/12 JW. Clarks Road: 28 1/12 JW. Embankment/Clarks Roads: 15 26/11 AC. Embankment Road: 19 8/11 BA & PR, 23 23/11 EG, 5 26/11 KR, over 30 28/11 MA, 24 30/11 BA, 28 30/11 PR, 28 1/12 JW, 8 17/12 BA & EG.

American Golden Plover (V) Embankment Road: a grey golden plover possibly of this species, 1 26/11 MDe, 1 28/11 MA. Embankment Road? (exact location not specified) 1 3/12 'Paul G & Igor'.

Banded Dotterel (S) Ashley River, Okuku Confluence to SH1: 225 26/11 BNZC.

Black-fronted Dotterel (A) St Anne's Lagoon: 2 25/9 CM, 2 16/10 KR. Waipara RM: 3 23/11 NA.

Wrybill (S) Ashley River, Okuku Confluence to SH1: 12 26/11 BNZC. Ashley Estuary: 6 4/9 BA, 17 30/9 BA, 6 13/10 JH, 8 13/10 BA, 7 27/10 JH, 4 28/10 MAy, 2 31/10 BA, 1 3/11 BA, 4 28/11 BA, 3 26/12 BA, 1 6/1 BA. Embankment Road: 104 12/9 JW, 90 16/10 AC, 60 22/10 JW, 25 7/11 JW, 9 8/11 BA, 15 8/11 PR, 3 28/11 JW, 8 30/11 BA, 9 30/11 PR, 5 1/12 JW, 31 6/1 EG. Yarr's Bay: 3 5/12 EG. Lower LII Pools: 6 10/1 BA. Crescent Island: 24 19/10 PC, 4 29/12 PC. Tip of Kaitorete Spit: 56 19/9 PC, 1 19/10 PC, 33 29/12 PC. Washdyke Lagoon: 32 11/10 PS. Milford Lagoon: 2 19/11 PS. Washdyke Lagoon: 6 11/1 PS. Lake Tekapo southern shore: 2 30/10 KS. Tasman Fan: 7 14/11 CP, DL, MAy, PO, G&R, 5 20/11 CB.

Eastern Curlew (A) Ashley Estuary: 1 3/11 BA, 1 23/11 NA, 1 21/12 BA, 1 26/12 BA, 1 2/1 BA.

Bar-Tailed Godwit (S) Ashley Estuary: 5 4/9 BA, 16 5/9 EG & BA, 74 30/9 BA, 47 13/10 BA, 38 31/10 BA,

126 3/11 BA, 23 17/11 BA, 166 23/11 NA, 67 9/12 BA, 63 21/12 BA, 63 26/12 BA. Brooklands Lagoon: 30 3/11 TR, 160 12/11 KH, 50 5/12 TR, 98 26/12 KH. Avon-Heathcote Estuary: 178 12/9 AC. Charlesworth Reserve: 600 19/11 BMc. Kaituna Lagoon 15 15/10 PR, 20 9/12 PR. Crescent Island: 33 29/12 PC. Embankment Road: 7 7/11 JW, 7 8/11 BA & PR. Yarrs Bay: 1 2/9 EG & BA. Orowaiti Lagoon (Westport): 53 22/11 BA. Okari Estuary (Buller): 37 22/10 MD. Okarito Township: 18 feeding on grass near boat ramp 7/10 KL & LL, 15 30/12 NW. Washdyke Lagoon: 1 11/1 PS.

Hudsonian Godwit (V) Embankment Road: 21/11 1 KiR. 'furthest inlet to left of Selwyn Huts that backs onto Wolfe's Rd' (sic): 1 3/12 'Igor & Paul'. 'the shores of Lake Ellesmere': 1 23/11 MA.

Turnstone (S) Point Kean, Kaikoura: 5 29/10 KS, 4 11/12 JG & AE. Ashley Estuary: 1 13/10 JH, BA, 1 3/11 BA, 1 23/11 NA. Jarvis Road: 60 13/12 JW. Clarks Road: 35+ 1/12 JW. Embankment/Clarks Roads: 24 26/11 AC. Embankment Road: 4 16/10 AC, 12 22/10 JW & BA, 17 7/11 JW, 15 8/11 BA, 24 8/11 PR, 8 26/11 KR, 55 28/11 JW, 40 30/11 BA, 44 30/11 PR, 38 1/12 JW, 4 6/1 EG. Yarr's Bay: 32 5/12 EG, 1 10/1 EG. Lower LII Pools: 1 10/1 BA. Crescent Island: 15 19/10. Tip of Kaitorete Spit: 29 19/9 PC, 12 19/10 PC.

Lesser Knot (S) Ashley Estuary: 1 5/9 EG & BA, 10 13/10 JH, 6 27/10 JH, 5 31/10 BA, 5 3/11 BA 4 5/11 SG, 4 17/11 BA, 8 23/11 NA, 11 28/11 BA, 2 9/12 BA. Embankment/Clarks Roads: 26 26/11 AC. Embankment Road: 1 8/11 BA & PR, 20 26/11 KR, 34 30/11 BA, PR. Yarr's Bay: 36 2/12 PC. Washdyke Lagoon: 3 11/1 PS.

Sharp-tailed Sandpiper (A) Crescent Island: 1 29/12 PC. Clarks Road: 4 1/12 JW. Embankment/Clarks Roads: 4 26/11 AC. Embankment Road: 1 16/10 AC, 1 8/11 BA, 2 8/11 PR, 2 23/11 EG, 2 26/11 KR, 4 28/11 DT, JW, 3 30/11 BA, PR, 4 1/12 JW. Yarr's Bay: 1 2/12 PC, 3 10/1 EG. Lower LII Pools: 3 10/1 BA. 'the shores of Lake Ellesmere': 6-8 23/11 MA.

Pectoral Sandpiper (A) Clarks Road: 1 1/12 JW.

Embankment/Clarks Roads: 1 26/11 AC.

Embankment Road: 1 28/11 JW, 1 17/12 BA & EG. Yarrs Bay: 1 10/1 EG. Lower LII Pools: 1 10/1 BA.

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Cox's Sandpiper (V) (Pectoral X Curlew Sandpiper)

'The shores of Lake Ellesmere': 1 23/11 MA.

Embankment Road: 1 28/11 JW. Embankment Road (presumably): 1 28/11 MA. Selwyn Huts (sic): 1 3/12 observer(s) unknown.

Curlew Sandpiper (A) Crescent Island: 4 29/12 PC.

Clarks Road: 3 1/12 JW. Embankment/Clarks Roads: 1 26/11 AC. Embankment Road: 3 16/10 AC, 5 22/10 JW & BA, 1 7/11 JW, 1 8/11 BA, 2 8/11 PR, 2 28/11 DT, 3 28/11 JW, 1 30/11 BA, 2 30/11 PR, 3 1/12 JW, 1 17/12 BA & EG.

Red-necked Stint (A) Ashley Estuary: 1 27/10 JH.

Jarvis Road: 8 13/12 JW. Embankment/Clarks Roads: 41 26/11 AC, 16 9/1 IS. Embankment Road: 9 14/9 MA, 27 16/10 AC, 23 22/10 JW & BA, >8 8/11 BA, 8 8/11 PR, 16 26/11 KR, 25-30 28/11 DT, 12 28/11 JW, 25 30/11, 22 30/11 PR, 33 17/12 BA & EG, 3 6/1 EG. Yarr's Bay: 20 2/12 PC, 4 10/1 EG. Lower LII Pools: at least 4 10/1 EG. Crescent Island: 12 29/12 PC. Tip of Kaitorete Spit: 5 19/9 PC, 2 29/12 PC. Washdyke Lagoon: 1 11/1 PS.

Sanderling (V) Embankment Road: 1 17/12 KiR.

Black-billed Gull (S) Te Taho/Vine Creek (near Whataroa, West Coast): 360 29/12 NW.

Red-billed Gull (S) Kaikoura Peninsula Walkway: 1200 28/11 JG, 3000 3/1 JG.

Little Tern (V) Ashley Estuary: 1 3/11 BA. Bexley Wetland: 1 10/10 AC.

Gull-billed Tern (V) Embankment Road: 1 2/9 EG & BA.

Caspian Tern (S) Tip of Kaitorete Spit: 17 19/10 PC. Jarvis Road: at least 90, including 8 juveniles at colony 13/12 JW.

White-winged Black Tern (A) Ashley River near Smarts Road: 2 7/9 BA, 1 19/9 BA, 1 23/10 BA.

Black-fronsted Tern (S) Ashley River near Smarts Road: approx. 120 19/9 BA. Ashley River, Okuku Confluence to SH1: 84 26/11 BNZC.

White-fronsted Tern (S) Lake Forsyth outlet: 300 7/1 KR. Rakaia River Mouth: 1500 28/10 JW. Hokitika River Mouth: 400 25/12 NW, 400 4/1 NW. Okarito Lagoon mouth: 300 30/12 NW.

Barbary Dove (A) Poyntzs Road, West Eyreton: 2 (male displaying) 2/1 ARo. Mairehau Road: 1 25/9

KR. Marshlands Road: 2 26/10 BA.

Shining Cuckoo (S) Fyffe-Palmer Reserve, Kaikoura: 1 30/9 AM. Minimoto Lagoon (N Canterbury): 1 9-10/9 'Rossco', an early arrival. Bottle Lake Plantation: 1 29/9 PC. Victoria Park: 1 4/10. Halswell Quarry Park: 1 16/10 PC. Quail Island: 1 or 2 (singleton singing in 2 separate areas of island) 16/10 NA. Harts Creek: 1 19/10 PR. Widespread later in month. Quail I: 1 juvenile being fed by 2 Grey Warblers 18/11 NA. Papanui: 1 in the more unusual setting of a suburban garden 21/11 BM.

Morepork (S) North of Half Moon Bay, Kaikoura: 5 2/9 KR, Puhi Peaks Station: 1 8/11 PPS.

New Zealand Falcon (A) Queen Mary Hosp, Hanmer Springs: 1 1/12 BA. Motukarara: 1 25/9 PC. Misty Peaks, Banks Peninsula: 1 7/9 PC. Spittle Hill, Castle Hill/Kura Tawhiti: 1 16/12 PC. Hawdon Valley: 1 12/11 PK. Arthur's Pass (general): 1 12/11 PK. Mingha River: 1 10/1 'Bennyboy87654'. Lilybank Road, Lake Tekapo: 1 22/10 DE. Chop Creek, near Mt Cook airfield: 1 9/10 KR. Hooker Glacier Track: 1 31/10 KS. Kelcey's Bush (nr Waimate): 1 31/10 TW. Hoffman Street, Hokitika: 1 25/12 NW. Mahinapua Wetland (West Coast): 1 24/12 NW. Landsborough Valley: 1 7/1 TWa.

Kea (S) Upper Kakapo River (Buller Dist): recorded present 1/9 RT. Goat Pass Hut (Arthur's Pass NP): present 11/1 'Bennyboy87654'. Mount Cook: '1 seen Mueller Hut and 3 flying on way out/down' 27/10 SN. Chop Creek: 3 9/10 KR. Mackenzie Creek, Landsborough Valley: 3 6/1 TWa. Landsborough Valley: 3 7/1 TWa.

Kaka (A) Mokihinui River South Branch (Buller Dist): recorded present 9/9 RT. Andrews Track (Arthur's Pass NP): 1 18/11 AC.

Sulphur-crested Cockatoo (A) Prices Valley: 12 3/9 BA, 36 15/10 PR, 3 9/12 PR & BA, 4 10/1 EG & BA. Okoura Farm nr Birdlings Flat: 2 7/1 KR.

Yellow-crowned Parakeet (S) Mokihinui River South Branch (Buller Dist): recorded present 9/9 RT.

Rock Wren (A) Mount Cook: '1 on track to Mueller Hut. Individuals heard along the way' 27/10 SN.

Mackenzie Creek, Landsborough Valley: 6 6/1 TWa.

Tui (S) Opuha Nursery, northern edge of Geraldine

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town: 1 'Feeding on flax flowers, unusual to see this species at this time of year as usually occurs as a winter visitor' 6/12 PS.

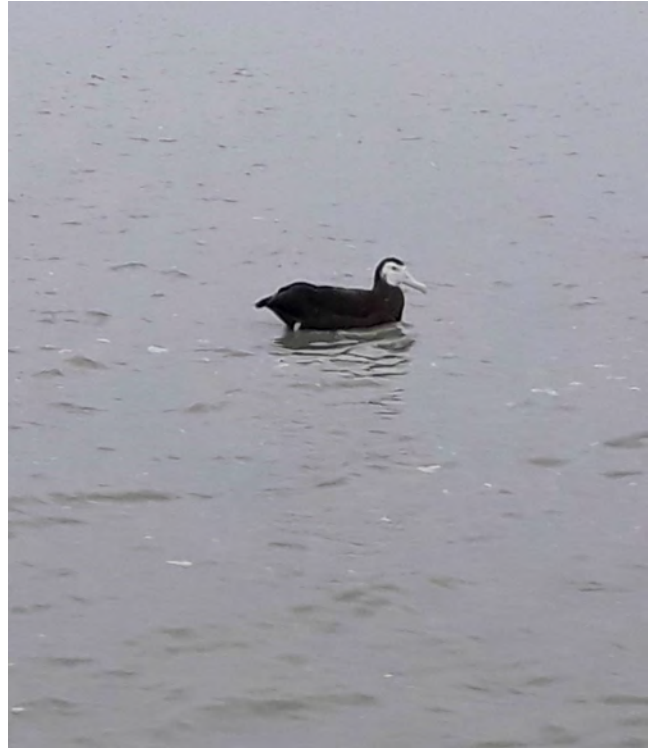
Fernbird (S) Mahinapua Wetland (West Coast): 3 24/12 NW, 7 3/1 NW.

Cirl Bunting (A) South Bay, Kaikoura: 1m 1f 29/10 KS. Amberley Golf Course: 1 23/11 NA. Taranaki Stream Lagoon: 1 (possibly 2) 19/9 BA. Victoria Park: 1 16/10 PC. Halswell Quarry Park: 1m 2f 24/9 'Tomtit24', 1f 27/9 RH, 1 8/10 EG.

Masked Woodswallow (V) Tekapo area: reports of several possibly this species, presumably October/November, report via David Lawrie through Birdingnz.net.

BA Bev Alexander, NA Nick Allen, MA Mike Ashbee, MAy Mark Ayre, CB Chris Barnes, GB Grahame Bell, JB John Bloomfield, DB Dave Boyle, PB Paul Budde, AC Andrew Crossland, MC Markus Craig, PC Philip Crutchley, MDe Matthias Dehling, MD Marie Dickson, AE Albatross Encounter, DE D England, SG Stephanie Galla, JG Jesse Golden, EG Eleanor Gunby, G&R 'Graichen & Recer', JH Jill Hanna, SH Shawn Herron, KH Kirsten Hunter, RH Richard Hurt, JL Jasen Liu, PK Peter Kaestner, DL Daniel Lane, KL Kate La Plante, LL Les Lee, NM Nikki McArthur, AM Archie MacFarlane, BM Barbara Matthews, BMc Bruce McKinlay, GM Gary Melville, CM Colin Miskelly, SN Stuart Nicholson, PO Patty O'Neill, CP Cathy Pasterczyk, TR Trevor Raines, PR Peter Reese, AR Anthea Reynolds, PRh Phil Rhodes, KR Kenny Rose, MR Matt Rose, KiR Kieran Rowe, ARo Allan Rowland, PS Paul Sagar, IS Ian Saville, PSc Paul Scofield, KS Kevin Seymour, PPS Puhī Peaks Station, DT David Thomas, NT Nicolaj Molgaard Thomsen, HT Howard Towle, RT Robin Toy, JW Jan Walker, NW Noel Ward, TW Tom Waterhouse, TWa Tom Waters, JWe Jill West, PW Peter Wilson, BNZC Birds New Zealand Canterbury.

Wandering Albatross



This young Wandering Albatross was seen on January 30. It had gone by the following day. Photo by Clem Smith.

Next Wrybill

The next Wrybill is due out at the beginning of May. If you have any submissions - photos, articles, or reports of visits - please send them to your editor (eleanor.gunby@gmail.com) by April 20.

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CANTERBURY WADER COUNT NOVEMBER 2016

Species	Waipara RM	Ashley/Swatter Crk Est	Taranaki Creek paddocks	Waimakariri Bridges	Brooklands Lagoon	Travis Weiland	Avon-Heathcote Estuary	Lytelton Harbour	Port Levy	Pigeon Bay	Okains Bay	Le Bons Bay	Akaroa Harbour	Lake Forsyth	Tip of Kaitorete Spit	Kaitorete Spit	Birdings Flat A	Birdings Flat B	Kaituna Lagoon	Halswell Flats B	Halswell Flats A	Osbornes	Greenpark Huts - Jarvis Road	Jarvis-Embankment Roads	Embankment Rd	Yarri Flat
Counters/NC	NA	NA	NA	AC	AC	AC,NM	AC	AC	AC	AC	AC	n/c	AC	AC	AC	AC	AC	AC	AC	MR	RH	n/c	MD & R	GB,H&UC,JV	JB,JW	EG & SS
Notes			nil waders											nil waders												
Date counted	23-Nov	23-Nov	23-Nov	7-Dec	7-Dec	22-Nov	24-Nov	24-Nov	15-Nov	15-Nov	15-Nov		15-Nov	15-Nov	19-Nov	19-Nov	19-Nov	19-Nov	19-Nov	19-Nov	19-Nov		19-Nov	19-Nov	19-Nov	19-Nov
Aus Crested Grebe								1																		
Mute Swan																										
Cape Barren Goose																					2					
Little Black Shag																										
Cattle Egret																										
Royal Spoonbill		3					24									3	4	2	9	350	24		4	1	18	7
Pied Oystercatcher	3	73			26		475	35	3	1	12		29		1			3	6							
Variable Oystercatcher		6			7			9		4	5		9					1								
Hybrid Oystercatcher		9																								
Pied Stilt	3	13			6	32	49	4							4	7	268	30	131	22	32		2	32	19	230
Black Stilt																										
Hybrid Stilt																										1
Banded Dotterel	2	1			2	1									21	34	44	42	18	48	34		35	14	38	4
Black-fronted Dotterel	3																									
Wrybill															8								2	10	3	
Pacific Golden Plover																									17	
Spur-winged Plover	10	1		8		12	38	23	6		4		8		4	16	6	18	19	23	6		2		18	6
Turnstone		1														10									12	
Lesser Knot		8																	2						3	
Curlew Sandpiper																2									4	
Sharp-tailed Sandpiper																									13	
Pectoral Sandpiper																										
Red-necked Stint																									14	26
Eastern Curlew		1																								
Whimbrel																										
Bar-tailed Godwit		166			144		1437	356									8	3	53		1				3	3
Arctic Skua		1					1																			
Black-billed Gull	15	83																			1	1				
Gull-billed Tern																1										
Black-fronted Tern	1	1		8		1																				
Caspian Tern		5					10						2		1	3				2			3		2	1
White-fronted Tern	10	154		6											24	17	3									
Site totals	47	526	0	22	185	47	2034	427	9	5	21	0	48	0	63	93	333	99	238	448	98	0	48	123	124	252
Wader site totals	21	279	0	8	185	45	1999	427	9	5	21	0	46	0	38	69	326	97	229	93	73	0	41	122	104	244
% of total count	0.39	5.13	0.00	0.15	3.40	0.83	36.78	7.86	0.17	0.09	0.39	0.00	0.85	0.00	0.70	1.27	6.00	1.78	4.21	1.71	1.34	0.00	0.75	2.24	1.91	4.49
# wader species at site	5	10	0	1	5	3	4	5	2	2	3	0	3	0	5	5	4	6	6	3	4	0	4	10	5	5

Counters

Nick Allen = NA Grant Bawden = Gba Eleanor Gunby = EG Bev Alexander = BA Jan Walker = JW Andrew Crossland = AC Matt Rose = MR Peter Wilson = PW Joy & Paul Sagar = J&PS Sue Stubenvoll = SS Robbie Hewson = RH Niall Mugaun = NM Regina = R Matthias Dehling = MD Hugh & Uschi Cable = H&UC Julianna Venning = JV Janet Burton = JB

Notes:

(1) Hybrid Stilt Washdyke E node.

(2) Black-billed Gulls not counted at all sites

Species	LII RM to Selwyn Huts	Rennie's Bay	Inwell RM	Drain Road	Harts Creek	Lakeside	Lower Lake Road nr Taumutu	Fisher's Point	Subtotal Lake Ellesmere	Coopers Lagoon	Rakata RM (S)	Ashburton RM	Spider Lagoon	Paddock cnr Prattley & White	Opihi RM	Washdyke Lagoon	Ki-Mainono	TOTAL
Counters/NC	NA	n/c	BA,PW	BA,PW	BA,PW	BA,PW	BA,PW	BA,PW		BA,PW	AC	AC	P&JS	P&JS	P&JS	P&JS	P&JS	
Notes																		
Date counted	19-Nov		19-Nov	19-Nov	19-Nov	19-Nov	19-Nov	19-Nov		19-Nov	23-Nov	23-Nov	19-Nov	19-Nov	19-Nov	21-Nov	23-Nov	
Aus Crested Grebe										0								1
Mute Swan	5				2					7	18							25
Cape Barren Goose										2								2
Little Black Shag					2					2								2
Cattle Egret				5						5								5
Royal Spoonbill	30					4	5			461					8		44	540
Pied Oystercatcher				2						12	2	2	2	2	2	1	13	693
Variable Oystercatcher										1		1	2			22		66
Hybrid Oystercatcher										0								9
Pied Stilt	49			33	9	73	7			948	2	6	13	11	53	55	322	1517
Black Stilt										0								0
Hybrid Stilt										1							1	2
Banded Dotterel	15									347	3	12				4	9	381
Black-fronted Dotterel										0		1						4
Wrybill										23					2			25
Pacific Golden Plover										17								17
Spur-winged Plover	10			68	3					199		2	1	14	48	20	47	441
Turnstone	3									25	1							27
Lesser Knot										5								13
Curlew Sandpiper										6								6
Sharp-tailed Sandpiper										13								13
Pectoral Sandpiper										0								0
Red-necked Stint										40								40
Eastern Curlew										0								1
Whimbrel										0								0
Bar-tailed Godwit	6									77								2180
Arctic Skua										0								2
Black-billed Gull	2		2			2		30		38	2		26		141	7	16	328
Gull-billed Tern										1								1
Black-fronted Tern										0	2	41						54
Caspian Tern						1		3		16		1				1		35
White-fronted Tern								75		119	380	1700			5		4	2378
Site totals	120	0	2	108	16	80	12	108	2365	20	390	1766	44	27	259	111	455	8808
Wader site totals	83	0	0	103	12	73	7	0	1714	0	8	24	18	27	105	103	391	5435
% of total count	1.53	0.00	0.00	1.90	0.22	1.34	0.13	0.00	31.54	0.00	0.15	0.44	0.33	0.50	1.93	1.90	7.19	100.00
# wader species at site	5	0	0	3	2	1	1	0	14	0	4	6	4	3	4	6	4	17