southern tip of Africa, 13 000 km away. Many BTO members may have read "Lemmings I" (Bird Study 33: 105-108), Ron Summers' account of the apparent interrelationship between the circa three-years cycles of lemmings, Arctic Foxes and Dark-bellied Brent Geese. In "Lemmings II" (Bird Study 34: 161-171), Ron and I show that (Bird Study 34: 161-171), Ron and I show that not only does the breeding production of Brent Geese, as measured by the percentage of first-year birds along the North Sea coasts, follow a three-year cycle, but the breeding populations of Curlew Sandpipers, Turnstones and Sanderlings, as measured in southern Africa, also follow a synchronized three-year cycle. The populations of these wader species that winter in southern Africa also breed in the Taimyr Peninsula. They Grey Plovers wintering in Britain also originate in the Taimyr, and I expect that the proportions of first-year birds in Britain can be shown to fluctuate on the same three-year cycle as the Brent Geese. Developing this international

theme further, irruptions of Curlew Sandpipers into Britain seem to occur mainly in the years of high nesting success on their Taimyr breeding grounds. For example, in the autumn of 1969 there was a major irruption of Curlew Sandpipers in Britain. That year, 65% of the WCWSG's catches of Curlew Sandpipers in the south-western Cape were first-year birds. That irruption was observed as far afield as New Zealand, where unprecedented numbers of Curlew Sandpipers occurred. 1985 was another very good breeding year in the Taimyr Peninsula, and in Britain there was the largest passage of Curlew Sandpipers since 1969 (BTO News No. 141) and we had the highest proportion of first-year birds (60%). Waders had turned the world into a global village a long time before we did!

Underhill, Department of Mathematical Stastics, University of Cape Town, Rondebosch, RSA

## LIST OF MEMBERS - CHANGES SINCE BULLETIN 52

## NEW MEMBERS

D, Julianska gatan 18, S-415 09 Blomgvist, Gothenburg, Sweden.

Bourgonje, A, Duchattelstraat 12, 2596El The Hague, The Netherlands. Butler, R, 824 Ladner Street, New Westminster,

Butler, R, 824 BC V3L4W4, Canada.

Protection Library, Environment Canada, 2nd Floor Avenue, Edmonton Alberta, T т6в 2X3, Canada.

Daniel, M C, 40 Hillview Road, Oxford, OX2 OBZ, UK.

S J, 24 Town Farm Estate, Orford, Denny,

Woodbridge, IP12 2LS, Suffolk. Kolsch, T, Coermuhle 181, 4400 Munster, Germany.

Kvismare Fagelstation, Mejramvagen 66, 70218 Orebro, Sweden.
Larsen, B H, Directorate of Nature Management,

Tungasletta 2, 7004 Trondheim, Norway.

Lowe, K, Australia National Park and Wildlife Service, PO Box 8, Canberra Act 2601, Australia.

Ming, S, Department of Environmental Science, East China Normal University, 3663 China Normal University, Zhongshan Road, Shanghai 200062, China.

Raes, M, Dullingen 46, B 2130 Brasschaat, Belgium. Rothwell, P I, RSPB, The Lodge. Sandy.

Bedfordshire, UK. Thorsell, S, Mejramvagen 66, 70218 Orebro,

Sweden.

ITE, Monks Wood Experimental Abbots Ripton, Huntington PE17 Yates, M G, Station, 2LS, UK.

## CHANGES

Barton, S, 9 Links Place, Port Seton, East Lothian, UK. Crockford, NJ, 18 East Stockwell Street, Colchester, Essex, CO1 1ST, UK. Fabricio Filho, J A, Avenida A I Renner, 10 Nanegantes CEP 90 250, Porto Alegre, Rio Grande do Sul, Brasil.

Gerritsen, GJ, Julianastraat 40, 8019 AX Zwolle, The Netherlands.
Goodall, RN & AL, 22 Laburnum Drive, Cherry Willingham, Lincoln LN3 4AS, UK.

Heggas, J, Niseveien 35, N-9100 Kvaloysletta, Norway.

J, 38 The Spinney, Bar Hill, Cambridge, UK.

Lynch, B M, 27 Luke Place, Broughty Ferry, Dundee, DD5 3BN, UK. Martinez Vilalta, A, Parc Natural, Del Delta De L'Ebre, PGA 20 De Maig S/N, 43580 Deltebre

(Tarragona), Spain. Merseyside RG, P Coffey, 19 Heath Lane, Little Sutton, South Wirral, L66 5NN, UK.

Moser, Dr ME, Director, IWRB, Slimbridge, Gloustershire GL2 7BX, UK. O'Halloran, Dr J, UWIST Field Centre, Newbridge on Wye, Llandrindod Wells, Powys LD1 6NB,

r, A, 9 Leam Road, Lighthorne Heath, Leamington Spa, Warwickshire CV33 9TE, UK. Perry, Stratford, JM, 21 Mount Gould Crescent, Plymouth, Devon, PL4 9EX, UK. Streichert, J, Stettiner Str 3, D-3152 Ilsede Crescent.

1, FR Germany.

Xeira, AJM, General Norton De Matos, Lote 27 2 Esq, 1495 Lisboa, Portugal.

