

White-rumped Sandpiper. Clonea, Co. Waterford, Ireland. 14th November 2010.  
Photo: Polina Clarke.



# List of *Calidris* Waders with References

Compiled by Joe Hobbs



## Introduction

I have endeavoured to keep typos, errors, omissions etc in this list to a minimum, however when you find more I would be grateful if you could mail the details during 2016 & 2017 to: josephobbs@gmail.com.

Please note that this and other Reference Lists I have compiled are **not exhaustive** and are best employed in conjunction with other sources.

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Joe Hobbs

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The order of species follows the recommendations of the Taxonomic Sub-Committee of the BOU Records Committee as outlined in their 8th report (**Sangster, G., Collinson, J.M., Crochet, P.-A., Knox, A.G., Parkin, D.T. & Votier, S.C.** 2012. Taxonomic recommendations for British Birds: eight report. *Ibis* 154(4): 874-883).

## Version

Version 2.2 (September 2016).

## Cover

Main image: White-rumped Sandpiper. Clonea, Co. Waterford, Ireland. 14th November 2010. Picture by Polina Clarke.

Vignette: Semipalmated Sandpiper. Ballycotton, Co. Cork, Ireland. 17th September 2008. Picture by Paul Archer.

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## Relevant Publications

- Bahr, N.** 2011. *The Bird Species / Die Vogelarten: systematics of the bird species and subspecies of the world. Volume 1: Charadriiformes.* Media Natur, Minden.
- Balmer, D. et al.** 2013. *Bird Atlas 2001-11: The breeding and wintering birds of Britain and Ireland.* BTO Books, Thetford.
- Beaman, M.** 1994. *Palaearctic birds: a checklist of the birds of Europe, North Africa and Asia north of the foothills of the Himalayas.* Harrier Publications, Stonyhurst, Lancashire.
- Chandler, R.J.** 1989. *The Facts on File Field Guide to North Atlantic Shorebirds.* Facts on File, New York.
- Chandler, R.J.** 1989. *The Macmillan Field Guide to North Atlantic Shorebirds.* Macmillan Press, London and Basingstoke.
- Chandler, R.J.** 2009. *Shorebirds of the Northern Hemisphere.* Christopher Helm, London.
- Colston, P. & Burton, P.** 1988. *A Field Guide to the Waders of Britain and Europe with North Africa and the Middle East.* Hodder & Stoughton.
- Cramp, S. & Simmons, K.E.L.** (eds.). 1983. *Handbook of the Birds of Europe, the Middle East and North Africa, The Birds of the Western Palearctic, Volume 3: Waders to Gulls.* Oxford University Press.
- del Hoyo, J. et al.** (eds.). 1996. *Handbook of the Birds of the World. Volume 3. Hoatzin to Auks.* Lynx Edicions, Barcelona.
- Delany, S. et al.** 2009. *An Atlas of Wader Populations in Africa and Western Eurasia.* Wetlands International and International Wader Study Group, Wageningen, Netherlands.
- Engelmoer, M. & Roselaar, C.S.** 1998. *Geographical Variation in Waders.* Kluwer Academic Publishers, Dordrecht.
- Evans, P.R. et al.** (eds.). 1984. *Coastal Waders and Wildfowl in Winter.* Cambridge University Press.
- Geering, A. et al.** 2007. *Shorebirds of Australia.* CSIRO.
- Hale, W.G.** 1980. *Waders.* Collins, London.
- Hammond, N. & Pearson, B.** 1994. *Waders.* Hamlyn, London.
- Harrington, B. & Flowers, C.** 1996. *The Flight of the Knot.* W.W. Norton & Co., New York.
- Hayman, P. et al.** 1986. *Shorebirds, An identification guide to the waders of the world.* Croom Helm, London.
- Higgins, P.J. & Davies, S.J.J.F.** (eds.). 1996. *Handbook of Australian, New Zealand and Antarctic birds. Volume 3: Snipe to Pigeons.* Oxford University Press, Melbourne.
- Hotker, H. et al.** (eds.). 1998. *Migration and International conservation of waders. Research and conservation on north Asian, African and European flyways.* International Wader Studies 10, International Wader Study Group, Cape Town.
- Howell, S.N.G. et al.** 2014. *Rare Birds of North America.* Princeton University Press, Princeton and Oxford.
- Johnsgard, P.A.** 1981. *The Plovers, Sandpipers and Snipes of the World.* University of Nebraska Press, Lincoln & London.
- Kaufman, K.** 1990 & 2011. *A Field Guide to Advanced Birding.* Houghton Mifflin Company, Boston.
- Lane, B. & Davies, J.** 1987. *Shorebirds in Australia.* Nelson, Melbourne.
- Lewington, I. et al.** 1991. *A Field Guide to the Rare Birds of Britain and Europe.* HarperCollins.
- Li Zuo Wei, D. et al.** 2009. *Status of Waterbirds in Asia: Results of the Asian Waterbird Census: 1987 – 2007.* Wetlands International.
- Meltofte, H. et al.** (eds.). 1994. *Numbers and Distribution of Waterbirds in the Wadden Sea: Results and Evaluation of 36 Simultaneous Counts in the Dutch-German-Danish Wadden Sea, 1980-1991.* Wetlands International.
- Message, S. & Taylor, D.** 2005. *Waders of Europe, Asia and North America.* Christopher Helm, A & C Black, London.
- Nethersole-Thompson, D. & Nethersole-Thompson, M.** 1986. *Waders, their breeding, haunts and watchers.* T. & A.D. Poyser.
- O'Brien, M. et al.** 2007. *The Shorebird Guide.* Christopher Helm.
- Parkin, D.T. & Knox, A.G.** 2010. *The Status of Birds in Britain & Ireland.* Christopher Helm.
- Paulson, D.** 1993. *Shorebirds of the Pacific Northwest.* UBC Press, Vancouver.
- Paulson, D.** 2005. *Shorebirds of North America: The Photographic Guide.* Christopher Helm, A & C Black, London.
- Prater, A.J.** 1981. *Estuary Birds of Britain and Ireland.* T. & A.D. Poyser.
- Prater, T. et al.** 1977 & 2007 (reprint). *Guide to the Identification and Ageing of Holarctic Waders: BTO Guide 17.* BTO, Tring.

- Richards, A.** 1988. *Birds of the Tideline: shorebirds of the Northern Hemisphere*. Dragon's World, London.
- Rosair, D. & Cottridge, D.** 1995. *Hamlyn Photographic Guide to the Waders of the World*. Hamlyn.
- Shirihai, H. et al.** 1996. *The Macmillan Birder's Guide to European and Middle Eastern Birds*. Macmillan Press, London and Basingstoke.
- Snow, D.W. & Perrins, C.M.** (eds.). 1998. *The Birds of the Western Palearctic Concise Edition Volume 1, Non-Passerines*. Oxford University Press.
- Urban, E.K. et al.** 1986. *The Birds of Africa: Volume 2 - Game Birds to Pigeons*. Academic Press, London.
- van de Kam, J. et al.** 2004. *Shorebirds: An Illustrated Behavioural Ecology*. KNNV Publishing, Utrecht.
- van Duivendijk, N.** 2010. *Advanced Bird ID Guide, The Western Palearctic*. New Holland.
- van Duivendijk, N.** 2011. *Advanced Bird ID Handbook, The Western Palearctic*. New Holland.
- van Rhijn, J.G. & Willis, I.** 1991. *The Ruff: individuality in a gregarious wader*. T. & A.D. Poyser, London.
- Vinicombe, K. et al.** 1989. *The Macmillan Field Guide to Bird Identification*. Macmillan Press, London and Basingstoke.
- Vinicombe, K. et al.** 2014. *The Helm Guide to Bird Identification*. Christopher Helm, London.
- Wilson, J. & Carmody, M.** 2009. *Shorebirds of Ireland*. The Collins Press.

## General Notes

- Abrams, C.** 1999. Where to watch: Rites of passage. *Birdwatch* 86: 10-13.
- Alderfer, J.** 1995. Point / counterpoint: The 'Mystery Sandpiper'. *Birding* XXVII(4): 306-309.
- Alvarez Laó, C.M.** 1995. La Rica de Avilez: un enclave de interes para las Limícolas [Abundance for waders in Aviles Estuary]. *Airo* 6(1-2): 24-28.
- Austin, G. & Rehfisch, M.M.** 2003. The likely impact of sea level rise on waders (Charadrii) wintering on estuaries. *Journal of Nature Conservation* 11: 43-58.
- Baker, A.J.** 1992. Molecular genetics of *Calidris* with special reference to Knots. *Wader Study Group Bulletin* 64(suppl.): 29-35.
- Baker, A.J. et al.** 2007. Phylogenetic relationships and divergence times of Charadriiformes genera: multigene evidence for the Cretaceous origin of at least 14 clades of shorebirds. *Biology Letters* 3(2): 205-209.
- Bart, J. et al.** 2007. Survey trends of North American shorebirds: population declines or shifting distributions? *Journal of Avian Biology* 38: 73-82.
- Barthel, P.H.** 1995. Foto-Folge 10: Ostpaläarktische Strandläufer *Calidris* [Photo Sequence 10: Eastern Palearctic waders of the genus *Calidris*]. *Limicola* 9(1): 24-37.
- Borowik, O.A. & McLennan, D.A.** 1999. Phylogenetic patterns of parental care in Calidridine sandpipers. *The Auk* 116(4): 1107-1117.
- Burns, J.G.** 2003. Relationship of *Calidris* sandpiper wing shape with relative fuel load and total migration distance. *The Auk* 120(3): 827-835.
- Carr, P.** 2011. Important Bird Areas: The British Indian Ocean Territory. *British Birds* 104(11): 642-659.
- Castro, G. & Myers, J.P.** 1989. Flight range estimates for shorebirds. *The Auk* 106(3): 474-476.
- Chandler, R.J. & Marchant, J.H.** 2001. Waders with non-breeding plumage in the breeding season. *British Birds* 94(1): 28-34.
- Christian, P.D. et al.** 1992. Biochemical systematics of the *Charadriiformes* (shorebirds): relationships between Charadrii, Scolopaci and Lari. *Australian Journal of Zoology* 40: 291-302.
- Clarke, T.** 1999. Autumn 1998 on the Azores. *Birding World* 12(5): 205-212 (208-209).
- Cooney, T. et al.** 1990. Nearctic waders on the Irish east coast, 1980-1988. *Irish East Coast Bird Report 1989* pp. 75-79.
- Cottridge, D.** 1992. The secrets of Europe's stints. *Birds Illustrated* 1(3): 60-67.
- Dernjatin, P. & Vattulainen, M.** 2001. Beidaihe ja Happy Island - Memories from the years 1997-2000. *Alula* 7(3): 94-108.
- Dernjatin, P. & Vattulainen, M.** 2003. Arctic waders at Happy Island. *Alula* 9(4): 140-148.
- Dubois, P.J. & Luczak, C.** 2004. Les limicoles néarctiques en France: synthèse des données pour la période 1965-2000 [An analysis of North American waders in France in the period 1965-2000]. *Ornithos* 11(5): 214-229.
- Elkins, N.** 1988. Recent transatlantic vagrancy of landbirds and waders. *British Birds* 81(10): 484-491.
- Elkins, N.** 1991. Letters: Nearctic-wader distribution in Britain. *British Birds* 84(4): 154.

- Emmerson, K. et al.** 2008. Resultados del censo invernal de las aves acuáticas en Tenerife, enero de 1997 [Aquatic winter birds census of Tenerife island. January 1997], pp. 207-216. Found in: *Anuario Ornitológico de las islas Canarias 2000-2006*. Fundación Global Nature.
- Evans, M.I. & Keijl, G.O.** 1993. Impact of Gulf War oil spills on the wader populations of the Saudi Arabian Gulf Coast. *Sandgrouse* 15: 85-105.
- Evans, M.I. & Keijl, G.O.** 1993. Spring migration of coastal waders through the Saudi Arabian Gulf in 1991. *Sandgrouse* 15: 56-84.
- Figuerola, J. & Gustamante, L.** 1995. Principales objetivos del marceje de Limícolas en el Delta de l'Ebre [Main objectives of wader ringing at the Ebro Delta]. *Airo* 6(1-2): 71-75.
- Fitzharris, J.** 1990. American Waders in Ireland. *Irish Birding News* 1(1): 23-29.
- Gantlett, S. & Millington, R.** 2012. An unusual-looking *Calidris* wader in Norfolk. *Birding World* 24(12): 510.
- Gantlett, S.** 1998. Bird forms in Britain. *Birding World* 11(6): 232-239.
- Glaser, R.L. et al.** 1998. The effects of disturbance on migrant waders at Eilat, Israel. *Sandgrouse* 20(1): 30-35.
- Golley, M. & Elliott, M.** 1990. The Cley *Calidris*: Another apparent hybrid. *Birding World* 3(7): 237-238.
- Green, M. et al.** 1988. The status of wintering waders on the non-estuarine west coast of Ireland. *Irish Birds* 3(4): 569-574.
- Hay, S.** 2006. Waders invade from the west. Nearctic wader influx: Britain and Ireland, September 2006. *Birdwatch* 173: 57.
- Hazevoet, C.J.** 1992. Migrant and resident waders in the Cape Verde Islands. *Wader Study Group Bulletin* 64: 46-50.
- Hough, J.** 2010. Identification: Ageing waders. *Birdwatch* 218: 31-34.
- Howe, M.A. et al.** 1989. Population trends of North American shorebirds based on the International Shorebird Survey. *Biological Conservation* 49: 185-199.
- Kelly, P. & Kelly, A.** 2011. The patch goes purple. Rarity influx: Tacumshin, Co. Wexford, August 2011. *Birdwatch* 232: 68-69.
- King, F.** 1967. American Waders in Ireland, Autumn 1966. *Irish Bird Report* 2(2): 7-11.
- Kirby, J. et al.** 1991. Distribution and habitat preferences of waders wintering on the non-estuarine west coast of Ireland. *Irish Birds* 4(3): 317-334.
- Klaassen, M. et al.** 2001. Arctic waders are not capital breeders. *Nature* 413: 794.
- Lindström, A.** 1997. Basal metabolic rates of migrating waders in the Eurasian Arctic. *Journal of Avian Biology* 28(1): 87-92.
- Livezey, B.C.** 2010. Phylogenetics of modern shorebirds (Charadriiformes) based on phenotypic evidence: analysis and discussion. *Zoological Journal of the Linnean Society* 160(3): 567-618.
- Lorenzo, J.A. & Emmerson, K.W.** 1996. Summering coastal waders on Fuerteventura, Canary Islands, Spain. *Wader Study Group Bulletin* 79: 87-90.
- Lorenzo, J.A. & González, J.** 1995. Las aves limícolas de Canarias: breve sinopsis y estudio actual [The waders of the Canary Islands: short synopsis and actual studies]. *Airo* 6(1-2): 7-14.
- Lorenzo, J.A.** 1993. Descripción de la comunidad de aves limícolas de El Medano (Tenerife, Islas Canarias) durante un ciclo anual [Description of the wader community from El Medano (Tenerife, Canary Islands) during an annual cycle]. *Ardeola* 40(1): 13-19.
- Lorenzo, J.A.** 1995. Uso del hábitat por limícolas invernantes en el litoral de El Médano (Tenerife, islas Canarias) [Habitat use by wintering shorebirds on the coast of El Medano (Tenerife, Canary Islands)]. *Miscellanea Zoologica* 18: 153-160.
- Marchant, J.H.** 2002. Wader migration in Britain & Ireland: continuing studies in a changing environment. *British Birds* 95(12): 640-647.
- Maynard, J. & Able, K.P.** 1994. ABAnswers: Question - Shorebird Flocks. *Birding* XXVI(1): 56.
- McManus, F. et al.** 1992. The wildfowl and waders of Rogerstown Estuary. *Irish East Coast Bird Report 1991* pp. 54-72.
- Millington, R.** 1994. A mystery *Calidris* at Cley. *Birding World* 7(2): 61-63.
- Millington, R.** 1995. Point / counterpoint: A Mystery *Calidris* at Cley. *Birding* XXVII(4): 310-311.
- Mitchell, D.** 2011. Birds of Britain: subspecies checklist v1.1. [online PDF]. Available from: <http://www.birdwatch.co.uk/categories/articleitem.asp?cate=22&topic=155&item=800> [Accessed July 2011].
- Morrison, R.I.G. et al.** 2006. Population estimates of North American shorebirds, 2006. *Wader Study Group Bulletin* 111: 67-85.
- Moser, M.E. & Prys-Jones, R.P.** 1988. Population estimates, distribution patterns and site evaluations for waders wintering on the coast of Northern Ireland. *Irish Birds* 3(4): 551-568.

- O'Sullivan, O.** 2003. Discover birds: Sandpipers - Five common migrant waders. *Wings* 30: 24-26.
- Paulson, D.R.** 1983. Fledging dates and southward migration of juveniles of some *Calidris* Sandpipers. *The Condor* 85(1): 99-101.
- Paton, T.A. et al.** 2003. RAG-1 sequences resolve phylogenetic relationships within Charadriiform birds. *Molecular Phylogenetics and Evolution* 29: 268-278.
- Perez-Hurtado, A.** 1995. Ecología alimentaria de Limícolas invernantes en la bahía de Cadiz [Feeding ecology of wintering waders in Cadiz Bay]. *Airo* 6(1-2): 15-23.
- Piersma, T. et al.** 2006. Shorebird avoidance of nearshore feeding and roosting areas at night correlates with presence of a nocturnal avian predator. *Wader Study Group Bulletin* 109: 73-76.
- Prater, A.J. & Grant, P.J.** 1982. Waders in Siberia. *British Birds* 75(6): 272-281.
- Ramos, J.J. et al.** 1996. Evolución anual de los efectivos de aves limícolas en una localidad costera del noroeste de Tenerife (Islas Canarias) [Annual changes in the population of shorebirds in a coastal site in the northwest of Tenerife (Canary Islands)]. *Revista de la Academia Canaria de Ciencias* VIII(2-4): 183-193.
- Rosair, D.** 2000. Waders – an ambition almost fulfilled. *Birding World* 13(3): 124-125.
- Sagar, P.M. et al.** 1999. Distribution and numbers of waders in New Zealand, 1983-1994. *Notornis* 46(1): 1-44.
- Sangster, G. et al.** 2012. Taxonomic recommendations for British Birds: eight report. *Ibis* 154(4): 874-883.
- Seaman, D.A.A. et al.** 2006. Landscape scale physiology: Site differences in refueling rates indicated by plasma metabolite analysis in free-living migratory sandpipers. *The Auk* 123: 563-574.
- Strauch, J.G.** 1978. The phylogeny of the Charadriiformes (Aves): a new estimate using the method of character compatibility analysis. *Transactions of the Zoological Society of London* 34: 263-345.
- Székely, T. et al.** 2000. Sexual size dimorphism in Shorebirds, Gulls, and Alcids: the influence of sexual and natural selection. *Evolution* 54(4): 1404-1413.
- Thomas, G.H. et al.** 2003. Publication bias in waders. *Wader Study Group Bulletin* 100: 216-223.
- Tomkovich, P.S.** 1996. *Calidris* sandpipers of north-eastern Siberia. *Dutch Birding* 18(1): 11-12.
- van den Berg, A.B.** 2016. Dutch Birding-vogelnamen [Dutch Birding bird names] [online PDF]. Available from: [http://www.dutchbirding.nl/page.php?page\\_id=228](http://www.dutchbirding.nl/page.php?page_id=228) [Accessed January 2016].
- van Dijk, K. & Bakker, T.** 1998. Dutch Spoonbills *Platalea leucorodia* and a Finnish Turnstone *Arenaria interpres* on tropical islands: counts of shorebirds in the Cape Verdes in March 1996. *Wader Study Group Bulletin* 86: 40-43.
- Veit, R. & Jonsson, L.** 1984. Field identification of smaller sandpipers within the genus *Calidris*. *American Birds* 38(2): 853-876.
- Vinicombe, K. & Allen, R.** 1995. Identification: Ages by stages. *Birdwatch* 40: 34-37.
- Vinicombe, K.** 2007. ID special: Moulting and ageing – Part two: waders and other non-passerines. *Birdwatch* 178: 28-30.
- Wallace, D.I.M.** 1974. Field identification of small species in the genus *Calidris*. *British Birds* 67(1): 1-17.
- Whitfield, D.P. & Tomkovich, P.S.** 1996. Mating system and timing of breeding in Holarctic waders. *Biological Journal of the Linnean Society* 57(3): 277-290.
- Wilds, C.** 1991. Published Shorebird Photographs. *Birding* XXIII(2): 79-82.
- Wimenga, E. et al.** 1990. Geographical breeding origin and migration of the waders wintering in west Africa. *Ardea* 78(1): 83-110.

## Great Knot

***Calidris tenuirostris*** [Horsfield 1821, Java].

Verkhoyansk Mts E to Magadan, Koryak Highlands & S Chukotskiy peninsula (NE Siberia). Winters mainly in Arabia, Pakistan, NW & NE India & Bangladesh and SE Asia & Australia.

1st WP Record: [adult] 7th April 1979. Salinas de Sant Antoni, Ebro Delta, Tarragona, Spain. A. Martinez-Vilalta & A. Motis (De Juana & CR SEO 1985).

**Allard, P.** 2014. Second time lucky! *Birdwatch* 267: 8-9.

**Antonov, A. & Huettmann, F.** 2004. On the southward migration of Great Knot in the western Sea of Okhotsk: results and conclusions from coordinated surveys of northern Sakhalin Island and Schastia Bay, 2002. *The Stilt* 45: 14-20.

**Aspinall S.J.** 1994. A wintering or passage population of Great Knot *Calidris tenuirostris* in the Arabian Gulf? *Wader Study Group Bulletin* 72: 43-47.

- Balachandran, S. & Sathiyaselvam, P.** 2008. Further records of Great Knot *Calidris tenuirostris* and Red Knot *Calidris canutus* from the north-east coast of India. *Journal of the Bombay Natural History Society* 104(3): 350-351.
- Barter, M. et al.** 1997. Staging of Great Knot *Calidris tenuirostris*, Red Knot *C. canutus* and Bar-tailed Godwit *Limosa lapponica* at Chongming Dao, Shanghai: Jumpers to Hoppers? *The Stilt* 31: 2-11.
- Barthel, P.H.** 1992. Foto-Folge 8: Rotkehl-Strandläufer *Calidris ruficollis* und Großer Knutt *C. tenuirostris* [Photo Sequence 8: Red-necked Stint *Calidris ruficollis* and Great Knot *C. tenuirostris*]. *Limicola* 6(3): 136-150.
- Battley, P.F. et al.** 2000. Empirical evidence for differential organ reductions during trans-oceanic bird flight. *Proceedings of the Royal Society London, Biological Sciences* 267: 191-195.
- Battley, P.F. et al.** 2001. Basal Metabolic Rate Declines During Long-Distance Migratory Flight in Great Knots. *The Condor* 103(4): 838-845.
- Battley, P.F. et al.** 2001. Is long-distance bird flight equivalent to a high-energy fast? Body composition changes in freely migrating and captive fasting Great Knots. *Physiological and Biochemical Zoology* 74: 435-449.
- Battley, P.F. et al.** 2004. Do body condition and plumage during fuelling predict northwards departure dates of Great Knots *Calidris tenuirostris* from north-west Australia? *Ibis* 146(1): 46-60.
- Battley, P.F. et al.** 2006. Prebreeding moult, plumage and evidence for a presupplemental moult in the Great Knot *Calidris tenuirostris*. *Ibis* 148(1): 27-38.
- Batty, C.** 2004. Knot in my back yard. Great Knot: Lancashire, 31 July 2004. *Birdwatch* 147: 49-50.
- Batty, C.** 2004. The Great Knot in Lancashire. *Birding World* 17(8): 332-333.
- Bell, D.G.** 1996. Photospot: Great Knot. *British Birds* 89(3): 108-109.
- Callahan, D.** 2014. Migration: Long-haul wanderers. *Birdwatch* 266: 55-59 (57).
- Chalmers, M.** 2009. First record of Great Knot *Calidris tenuirostris* in Qatar. *Sandgrouse* 31(2): 177-178.
- Crossland, A.C. et al.** 2006. An overview of the status and abundance of migratory waders in Sumatra, Indonesia. *The Stilt* 50: 90-95 (94).
- De Juana, E. & Comite de Rarezas de la SEO** 1985. Observaciones Homologadas de Aves Raras en Espana Informe de 1984 [Spanish Rare Bird Report for 1984]. *Ardeola* 32(1): 137-143.
- Dierschke, J. & Buckell, S.** 2012. Waders of the Anadyr region, Chukotka, Russia. *Birding World* 25(3): 124-129 (plates 5 & 6, p. 127).
- Eds.** 1996. The Great Knot on Teesside. *Birding World* 9(10): 394.
- Eds.** 2011. Frontispiece: First-winter Great Knot, Lutembe Lagoon, Entebbe, Uganda, January 2011 - picture by Achilles Byaruhanga. *Birding World* 24(2): 45.
- Eds.** 2016. Standing out from the crowd. Great Knot: Titchwell RSPB, Scolt Head and Gore Point, Norfolk, 15 June-4 July 2016. *Birdwatch* 290: 8-9.
- Eigenhuis, K.J.** 1992. Grote Kanoet in Oostvaardersplassen en bij Camperduin in september-oktober 1991 [Great Knot in Oostvaardersplassen and near Camperduin in September-October 1991]. *Dutch Birding* 14(4): 126-131.
- Ellis, P.** 1989. Great Knot in Shetland – A New British Bird. *Birding World* 2(9): 313-315.
- Ellis, P.M.** 1992. Great Knot: new to Britain and Ireland. *British Birds* 85(8): 426-429.
- Engel, J.** 2009. First record of Great Knot *Calidris tenuirostris* for Namibia. *Bulletin of the African Bird Club* 16(2): 220.
- Gerasimov, Yu. & Gerasimov, N.N.** 2000. The importance of the Moroshechnaya River estuary as a staging site for shorebirds. *The Stilt* 36: 20-25 (21).
- Gerasimov, Yu.N. & Gerasimov, N.N.** 2000. Information on the northward migration of Great Knot *Calidris tenuirostris* in Kamchatka, Russia. *The Stilt* 36: 35-38.
- Gilroy, J.** 2008. In Search of Breeding Great Knots. *Alula* 14(2): 60-69.
- Harrap, S.** 1990. Great Knot. *Birding World* 3(11): 388-389.
- King, B.F. & Gallagher, M.D.** 1983. First record of Great Knot (*Calidris tenuirostris*) in Oman, E. Arabia. *Bulletin of the British Ornithologist' Club* 103: 139-140.
- Kok, D.** 2016. Grote Kanoet op Texel [Great Knot on Texel]. *Dutch Birding* 38(4): 269-270.
- Lehman, P. & Millington, R.** 2012. San Diego's hybrid wader. *Birding World* 25(8): 346-349.
- Lister, S.M.** 1981. Le Grand Maubèche *Calidris tenuirostris* nouveau pour l'ouest du Paléarctique [Great Knot *Calidris tenuirostris* new to the Western Palearctic]. *Alauda* 49: 227-228.
- Lundquist, T.** 2011. Spring waders at Shanghai, China. *Birding World* 24(3): 120-131 (plate 1, p. 120).
- Marchant, J.H.** 1986. Identification, habits and status of Great Knot. *British Birds* 79(3): 123-135.
- Minton, C.D.T. & Chandler, R.J.** 1996. Palearctic waders in Western Australia. *British Birds* 89(4): 177-184 (plate 77, p. 179).



- Myers, J.P. et al.** 1982. Exotic *Calidris* species of the Siberian tundra. *Ornis Fennica* 59(4): 175-182.
- Pennycuik, C.J. & Battley, P.F.** 2003. Burning the engine: a time-marching computation of fat and protein consumption in a 5,420 km flight by Great Knots (*Calidris tenuirostris*). *Oikos* 103: 323-332.
- Piersma, T. et al.** 2008. Endogenous circannual rhythmicity in body mass, molt, and plumage of great Knots (*Calidris tenuirostris*). *The Auk* 125(1): 140-148.
- Rogers, D.I. et al.** 2006. Roost availability may constrain shorebird distribution: Exploring the energetic costs of roosting and disturbance around a tropical bay. *Biological Conservation* 133(2): 225-235.
- Rosair, D.** 1993. Wader extravaganza. *Birdwatch* 2(3): 33-36.
- Roselaar, C.S. & Aliabadian, M.** 2009. Review of rare birds in Iran, 1860s-1960s. *Podoces* 4(1): 1-27 (13).
- Rosenberg, G.H.** 1997. Answers to the April Photo Quiz: juvenile Great Knot. *Birding* XXIX(3): 231-232.
- Schaftenaar, A.** 1998. The first Great Knot *Calidris tenuirostris* in Yemen. *Sandgrouse* 20(1): 48-49.
- Schekkerman, H.** 1986. Great Knot in Israel in October 1985. *Dutch Birding* 8(3): 99-101.
- Schenk, C. & Ebels, E.B.** 2004. Birds of Chukotka and Yakutia. *Dutch Birding* 26(4): 241-257 (plate 357, p. 248).
- Schols, R.** 2005. Birds from northeast China. *Birding World* 18(7): 297-303 (301).
- Smith, I. et al.** 2009. Knot fade away. Reported Great Knot: Breydon Water, Norfolk, 29-30 May 2009. *Birdwatch* 205: 63.
- Tipper, R.** 1993. Waders in Hong Kong. *British Birds* 86(5): 231-242 (plate 57, p. 236).
- Tipper, R.** 1998. The World's best wader-watching – and much more: birding in Hong Kong. *Birding World* 11(4): 138-148 (143).
- Tomkovich, P.S.** 1995. Great Knot on Siberian breeding grounds. *Dutch Birding* 17(1): 15-17.
- Tomkovich, P.S.** 1995. Second report on research on the Great Knot *Calidris tenuirostris* on the breeding grounds. *Wader Study Group Bulletin* 78: 50-52.
- Tomkovich, P.S.** 1996. A third report on the biology of the Great Knot *Calidris tenuirostris* on the breeding grounds. *The Stilt* 28: 43-45.
- Tomkovich, P.S.** 1996. A third report on the biology of the Great Knot *Calidris tenuirostris* on the breeding grounds. *Wader Study Group Bulletin* 81: 88-90.
- Tomkovich, P.S.** 1997. Breeding Distribution, Migrations and Conservation Status of the Great Knot *Calidris tenuirostris* in Russia. *Emu* 97(4): 265-282.
- Topp, A.** 2001. Photonews. *Alula* 7(4): 164.
- van Diek, H. et al.** 2004. Bird counting in Iran in January 2004. *Dutch Birding* 26(5): 287-296 (plate 423, p. 289).
- Wiles, G.J. et al.** 2000. Noteworthy Bird Records for Micronesia, with a Summary of Raptor Sightings in the Mariana Islands, 1988-1999. *Micronesica* 32(2): 257-284 (272).
- Wiles, G.J. et al.** 2004. New and Noteworthy Bird Records for Micronesia, 1986–2003. *Micronesica* 37(1): 69-96.
- Wilson, J.R. & Barter, M.A.** 1998. Identification of potentially important staging areas for 'long jump' migrant waders in the east Asian-Australasian flyway during northward migration. *The Stilt* 32: 14-26.

## Red Knot

***Calidris canutus*** [Linnaeus 1758, Sweden].

[*C.c. canutus*] Taymyr peninsula (Siberia). Winters W & S Africa.

[*C.c. piersma*] New Siberian Islands. Winters NW Australia.

[*C.c. rogersi*] Chukotskiy peninsula and possibly areas farther W. Winters Australasia.

[*C.c. roselaari*] Wrangel Island (Arctic Ocean) & NW Alaska Winters probably Florida, S Panama & N Venezuela.

[*C.c. rufa*] Canadian low Arctic. Winters NE & S South America.

[*C.c. islandica*] Islands of the Canadian high Arctic & N Greenland. Winters in W Europe.

**Canute** (c.995-1035), one time king of Denmark, England, Norway and parts of Sweden.

**Atkinson, P.W. et al.** 2005. Unravelling the migration and moult strategies of a long-distance migrant using stable isotopes: Red Knot *Calidris canutus* movements in the Americas. *Ibis* 147: 738-749.

**Balachandran, S. & Sathiyaselvam, P.** 2008. Further records of Great Knot *Calidris tenuirostris* and Red Knot *Calidris canutus* from the north-east coast of India. *Journal of the Bombay Natural History Society* 104(3): 350-351.

- Barter, M. et al.** 1997. Staging of Great Knot *Calidris tenuirostris*, Red Knot *C. canutus* and Bar-tailed Godwit *Limosa lapponica* at Chongming Dao, Shanghai: Jumpers to Hoppers? *The Stilt* 31: 2-11.
- Battley, P.F. & Piersma, T.** 1997. Body composition of Lesser Knots (*Calidris canutus rogersi*) preparing to take off on migration from northern New Zealand. *Notornis* 44(3): 137-150.
- Battley, P.F.** 1997. The Northward Migration of Arctic Waders in New Zealand: Departure Behaviour, Timing and Possible Migration Routes of Red Knots and Bar-tailed Godwits from Farewell Spit, North-West Nelson. *Emu* 97(2): 108-120.
- Battley, P.F. et al.** 2005. How do red knots *Calidris canutus* leave Northwest Australia in May and reach the breeding grounds in June? Predictions of stopover times, fuelling rates and prey quality in the Yellow Sea. *Journal of Avian Biology* 36(6): 494-500.
- Buehler, D.M. & Baker, A.J.** 2005. Population divergence times and historical demography in Red Knots and Dunlins. *The Condor* 107: 497-513.
- Chudleigh, B. & Chandler, R.J.** 1990. Waders in New Zealand. *British Birds* 83(10): 416-424.
- Clifford, H.J. & Lawrie, D.A.** 1997. New and rare bird records for Raoul Island. *Notornis* 44(3): 171-173.
- Crossland, A.C. & Sinambela, S.A.** 2009. Passage of Red Knot *Calidris canutus* through North Sumatra province, Indonesia. *The Stilt* 55: 13-15.
- Crossland, A.C. et al.** 2006. An overview of the status and abundance of migratory waders in Sumatra, Indonesia. *The Stilt* 50: 90-95 (94).
- Dennis, J.V.** 1994. Transatlantic migration by ringed birds from North America. *Dutch Birding* 16(3): 235-237.
- Dickson, D.E.** 2000. Red Knot *Calidris canutus*: a new species for Nepal. *Danphe* 9(1-2): 3.
- Fennell, C.M. et al.** 1964. New occurrences and recent distributional records of Korean birds. *The Condor* 66(3): 239-246 (242).
- Flowers, C.** 1996. Spring Feast of the Red Knots at Delaware Bay. *Birding XXVIII*(3): 210-215.
- Gudmundur, A. et al.** 1991. Optimal fat loads and long-distance flights by migrating Knots *Calidris canutus*, Sanderlings *C. alba* and Turnstones *Arenaria interpres*. *Ibis* 133(2): 140-152.
- Harrington, B.A. et al.** 2007. Molt and body mass of Red Knots in the eastern United States. *The Wilson Journal of Ornithology* 119(1): 35-42.
- Hazevoet, C.J.** 1999. Fourth report on birds from the Cape Verde Islands, including notes on the conservation and records of 11 new to the archipelago. *Bulletin Zoologisch Museum* 17(3): 19-32 (26).
- Kraan, C. et al.** 2010. Why Afro-Siberian Red Knots *Calidris canutus canutus* have stopped staging in the western Dutch Wadden Sea during southward migration. *Ardea* 98(2): 155-160.
- Levere, T.** 1995. Early searches for the nest and eggs of the Red Knot. *Birders Journal* 4(1): 37-40.
- Marchant, J.** 1985. PhotoSpot: Knot. *British Birds* 78(3): 139.
- Marchant, J.H.** 1987. Separation of Great Knot and Knot. *Dutch Birding* 9(2): 71-72.
- McCarthy, G.** 1992. Notes: Knot with cockle shell attached to leg. *British Birds* 85(5): 240.
- Meissner, W. & Gromadzka, J.** 2006. Does the Nearctic Knot (*Calidris canutus islandica*) appear in Poland? *The Ring* 28(2): 113-117.
- Meissner, W.** 2004. Variability in the size of juvenile Red Knots *Calidris canutus canutus*. *Wader Study Group Bulletin* 103: 71-74.
- Melville, D.** 1980. Some observations on birds in Irian Jaya, New Guinea. *Emu* 80(2): 89-91.
- Musgrove, A.J. et al.** 2011. Overwinter population estimates of British waterbirds. *British Birds* 104(7): 364-397 (387).
- Nettleship, D.N.** 1974. The breeding of the Knot *Calidris canutus* at Hazen Camp, Ellesmere Island, N.W.T. *Polarforschung* 44: 8-26.
- Newton, J.** 2005. Unravelling the migration and moult strategies of a long-distance migrant using stable isotopes: Red Knot *Calidris canutus* movements in the Americas. *Ibis* 147(4): 738-749.
- Nicholls, G.** 1986. Varia: Great Knot. *Dutch Birding* 8(3): 104-105.
- Niles, L.J. et al.** 2008. *Status of the Red Knot (Calidris canutus rufa) in the western hemisphere.* Studies in Avian Biology No. 36, Cooper Ornithological Society.
- Patten, M.A. & McCaskie, G.** 1992. Answers to the February Photo Quiz: juvenile Red Knot. *Birding XXIV*(2): 110-111.
- Piersma, T. et al.** 1993. Scale and intensity of intertidal habitat use by knots *Calidris canutus* in the Western Wadden Sea in relation to food, friends and foes. *Netherlands Journal of Sea Research* 31(4): 331-357.
- Piersma, T. et al.** 1994. Resources for Long-Distance Migration of Knots *Calidris canutus islandica* and *C. canutus*: How Broad Is the Temporal Exploitation Window of Benthic Prey in the Western and Eastern Wadden Sea? *Oikos* 71(3): 393-407

- Piersma, T. et al.** 1996. Variability in Basal Metabolic Rate of a Long-Distance Migrant Shorebird (Red Knot, *Calidris canutus*) Reflects Shifts in Organ Sizes. *Physiological Zoology* 69(1): 191-217.
- Piersma, T. et al.** 2006. A single-year comparison of two methods of censusing breeding Red Knot and Sanderling in High Arctic Greenland. *Wader Study Group Bulletin* 109: 83-87.
- Pitches, A.** 2010. News and comment: Far-eastern Red Knots under exceptional pressure. *British Birds* 104(1): 106.
- Porter, K.R.** 1960. Knot Collected Inland in Oregon. *The Auk* 77(2): 219-220.
- Pringle, J.S. & Cooper, J.** 1975. The palaeartic wader population of Langebaan Lagoon. *Ostrich* 46(3): 213-218.
- Rogers, D.I. et al.** 2006. Roost availability may constrain shorebird distribution: Exploring the energetic costs of roosting and disturbance around a tropical bay. *Biological Conservation* 133(2): 225-235.
- Rogers, D.I. et al.** 2010. Red Knots (*Calidris canutus piersmai* and *C.c. rogersi*) depend on a small threatened staging area in Bohai Bay, China. *Emu* 110(1): 1-9.
- Roselaar, C.S. & Aliabadian, M.** 2009. Review of rare birds in Iran, 1860s-1960s. *Podoces* 4(1): 1-27 (13).
- Scott, D.A.** 2008. Rare birds in Iran in the late 1960s and 1970s. *Podoces* 3(1-2): 1-30 (13).
- Sitters, H.P. et al.** 2001. Day and night feeding habitat of Red Knot in Patagonia: profit-ability versus safety? *Journal of Field Ornithology* 72: 86-95.
- Thompson, M.C. & DeLong, R.L.** 1969. Birds new to North America and the Pribilof Islands, Alaska. *The Auk* 86(4): 747-749 (748).
- Tomkovich, P.** 2001. A new subspecies of Red Knot *Calidris canutus* from the New Siberian islands. *Bulletin of the British Ornithologist' Club* 121: 257-263.
- Tomkovich, P.S. & Soloviev, M.Yu.** 1994. Site fidelity in High Arctic breeding waders. *Ostrich* 65(2): 174-180.
- Underhill, L.G. et al.** 1989. Three-year cycles in breeding productivity of Knots *Calidris canutus* wintering in southern Africa suggest Taimyr Peninsula provenance. *Bird Study* 36(2): 83-87.
- VanderWerf, E.A.** 2006. Observations on the birds of Kwajalein Atoll, including six new species records for the Marshall Islands. *Micronesica* 38(2): 221-237.
- Wassink, A.** 2013. Birds of Kazakhstan: new and interesting data, part 4. *Dutch Birding* 35(1): 30-34 (31).
- Wiles, G.J. et al.** 2000. Noteworthy Bird Records for Micronesia, with a Summary of Raptor Sightings in the Mariana Islands, 1988-1999. *Micronesica* 32(2): 257-284 (272).
- Wiles, G.J. et al.** 2004. New and Noteworthy Bird Records for Micronesia, 1986-2003. *Micronesica* 37(1): 69-96.
- Wilson, J.R. & Barter, M.A.** 1998. Identification of potentially important staging areas for 'long jump' migrant waders in the east Asian-Australasian flyway during northward migration. *The Stilt* 32: 14-26.
- Wilson, J.R. et al.** 1998. Red Knots *Calidris canutus rufa* and other shorebirds on the north-central coast of Brazil in April and May 1997. *Wader Study Group Bulletin* 85: 41-45.
- Zwarts, L. & Blomert, A-M.** 1992. Why knot *Calidris canutus* take medium-sized *Macoma balthica* when six prey species are available. *Marine Ecology Progress Series* 83(2-3): 113-128.
- Zwarts, L. et al.** 1992. Annual and season variation in the food supply harvestable by knot *Calidris canutus* staging in the Wadden Sea in late summer. *Marine Ecology Progress Series* 83(2-3): 129-139.

## Surfbird

***Calidris virgata*** [Gmelin 1789, Prince William Sound, Alaska].

C & S Alaska and C Yukon. Winters Alexander Archipelago (SE Alaska) S to the Straits of Magellan (Pacific coast of America).

Treated by del Hoyo et al. 1996 as *Aphriza virgata*.

**Schmid, F.C.** 1947. Surf Bird in Yukon Territory. *The Auk* 64(2): 308.

**Eisenmann, E.** 1948. Surf-bird and Vermilion Flycatcher in Panama. *The Auk* 65(4): 605-606.

**Eisenmann, E.** 1955. Cattle Egret, Marbled Godwit, Surfbird and Brown-Chested Martin in Panama. *The Auk* 72(4): 426-428.

**Gill, R.E. et al.** 1999. *Breeding Ecology of Surfbirds (Aphriza Virgata) at Turquoise Lake, Alaska, 1997-1998: With Observations of Nesting Wandering Tattlers Heteroscelus Incanus and Annotated Notes on Birds and Mammals*. National Park Service, Lake Clark National Park and Preserve.

- Jehl Jr., J.R.** 1968. The systematic position of the Surfbird, *Aphriza virgata*. *The Condor* 70(3): 206-210.
- Kessel, B.** 1960. Additional distribution records of some birds in interior Alaska. *The Condor* 62(2): 481-483 (481).
- Miller, E.H. et al.** 1987. Breeding vocalizations of the Surfbird. *The Condor* 89(2): 406-412.
- Murie, O.J.** 1924. Nesting records of the Wandering Tattler and Surf-Bird in Alaska. *The Auk* 41(2): 231-237.
- Navarro, R.A. et al.** 1989. Diet of the Sunbird in southern Chile. *The Wilson Bulletin* 101(1): 137-141.
- Nouvet, S. et al.** 2008. Breeding records of the Surfbird, Wandering Tattler, American Golden Plover, and Upland Sandpiper in the southwest Yukon Territory. *Western Birds* 39(1): 22-30.
- Ruiz-Guerra, C. et al.** 2007. Noteworthy bird records from the southern Chocó of Colombia. *Bulletin of the British Ornithologist' Club* 127(4): 283-293 (287).
- Tomkovich, P.S. et al.** 1998. Surfbird in its non-surfing habitats. *Dutch Birding* 20(5): 233-237.

## Ruff

***Calidris pugnax*** [Linnaeus 1758, Sweden].

NW Europe E thru Siberia to Chukotskiy peninsula & Sea of Okhotsk. Winters Mediterranean & sub-Saharan Africa E thru Middle East to Indian subcontinent.

Treated by del Hoyo *et al.* 1996 as *Philomachus pugnax*.

Other name: Reeve (female).

- Altman, A. & Parrish, C.** 1978. Sight records of Wilson's Phalarope, Ruff, and other shorebirds from Venezuela. *American Birds* 32(3): 309-310.
- Bachman, G. & Widemo, F.** 1999. Relationships between body composition, body size and alternative reproductive tactics in a lekking sandpiper, the Ruff (*Philomachus pugnax*). *Functional Ecology* 13(3): 411-416.
- Chandler, R.J.** 1987. Notes: Plumage of breeding female Ruffs. *British Birds* 80(5): 246-248.
- Chandler, R.J.** 1990. Notes: Plumage variations of juvenile Ruffs and Greenshanks. *British Birds* 83(3): 117-121.
- Curry-Lindahl, K.** 1961. Notes: Ruff displaying to Spotted Redshank and Long-tailed Skua. *British Birds* 54(7): 283-284.
- Feest, J.** 1990. Notes: Ruff feeding in suburban garden. *British Birds* 83(12): 551.
- Fennell, C.M. et al.** 1964. New occurrences and recent distributional records of Korean birds. *The Condor* 66(3): 239-246 (243).
- Hazevoet, C.J.** 1997. Notes on distribution, conservation, and taxonomy of birds from the Cape Verde Islands, including records of six species new to the archipelago. *Bulletin Zoölogisch Museum* 15(13): 89-100 (96).
- Hazevoet, C.J.** 1999. Fourth report on birds from the Cape Verde Islands, including notes on the conservation and records of 11 new to the archipelago. *Bulletin Zoölogisch Museum* 17(3): 19-32 (27).
- Hill, W.L.** 1991. Correlates of male mating success in the ruff *Philomachus pugnax*, a lekking shorebird. *Behavioral Ecology and Sociobiology* 29(5): 367-372.
- Hugie, D.M. & Lank, D.B.** 1997. The resident's dilemma: a female choice model for the evolution of alternative mating strategies in lekking male ruffs (*Philomachus pugnax*). *Behavioral Ecology* 8(2): 218-225.
- Jukema, J. & Piersma, T.** 2000. Contour feather moult of Ruffs *Philomachus pugnax* during northward migration, with notes on homology of nuptial plumages in scolopacid waders. *Ibis* 142(2): 289-296.
- Lank, D.B. & Smith, C.M.** 1987. Conditional lekking in ruff (*Philomachus pugnax*). *Behavioral Ecology and Sociobiology* 20(2): 137-145.
- Lank, D.B. & Smith, C.M.** 1992. Females prefer larger leks: field experiments with ruffs (*Philomachus pugnax*). *Behavioral Ecology and Sociobiology* 30(5): 323-329.
- Leck, C.F.** 1966. The History and Status of the Ruff in Eastern North America. *The Auk* 83(3): 473-474.
- Musgrove, A.J. et al.** 2011. Overwinter population estimates of British waterbirds. *British Birds* 104(7): 364-397 (388).
- Palmer, P.** 2005. Notes: Ruffs feeding on contents of a Giraffe's stomach. *British Birds* 98(3): 157-158.
- Pearson, D.J.** 1981. The wintering and moult of Ruffs *Philomachus pugnax* in the Kenyan Rift Valley. *Ibis* 123(2): 158-182.

- Pitches, A.** 2009. News and comment: Reeve-like males are actually rather Ruff. *British Birds* 102(4): 223.
- Prater, A.J.** 1973. The wintering population of Ruffs in Britain and Ireland. *Bird Study* 20: 245-250.
- Prater, A.J.** 1982. Identification of Ruff. *Dutch Birding* 4(1): 8-14.
- Smart, J.H. & Stratford, C.J.** 1990. Notes: Evasive reaction by Ruff to low-flying Peregrine. *British Birds* 83(12): 551-552.
- Stoddart, A.** 2013. Identification: Ruff, Pectoral and Sharp-tailed Sandpipers Photo Guide. *Birdwatch* 253: 37-42.
- Tomkovich, P.S.** 1992. Breeding-range and population changes of waders in the former Soviet Union. *British Birds* 85(7): 344-365 (355-357).
- van Rhijn, J.G.** 1973. Behavioural dimorphism in male ruffs, *Philomachus pugnax* (L.). *Behaviour* 47(3-4): 153-229.
- van Rhijn, J.G.** 1983. On the maintenance and origin of alternative strategies in the Ruff *Philomachus pugnax*. *Ibis* 125(4): 482-498.
- Vernon, R.** 2003. Notes: Feeding behaviour of migrant Ruff. *British Birds* 96(9): 457-458.
- Widemo, F.** 1997. The social implications of traditional use of lek sites in the ruff *Philomachus pugnax*. *Behavioral Ecology* 8(2): 211-217.
- Widemo, F.** 1998. Alternative reproductive strategies in the ruff, *Philomachus pugnax*: a mixed ESS? *Animal Behaviour* 56(2): 329-336.

### Sharp-tailed Sandpiper

*Calidris acuminata* [Horsfield 1821, Java].

NC & NE Siberia from Lena Delta to R Kolyma. Winters New Guinea thru Melanesia to New Caledonia & Tonga and S to Australia & New Zealand.

1st WP Record: [adult] September 1848. Great Yarmouth, Norfolk, England. Shot (BWP 3).

- Andrews, I.J.** 1986. Sharp-tailed Sandpiper at Aberlady Bay, Lothian. *Scottish Birds* 14: 124.
- Andrews, I.J.** 1986. Sharp-tailed Sandpiper at Aberlady Bay. *Lothian Bird Report 1985* pp. 110-111.
- Atwood, J.L.** 1970. Sharp-tailed Sandpiper in Santa Barbara. *California Birds* 1: 153-154.
- Bekaert, L.** 1991. Siberische Strandloper te Philippine in september 1989 [Sharp-tailed Sandpiper at Philippine in September 1989]. *Dutch Birding* 13(4): 125-127.
- Britton, D.** 1980. Identification of Sharp-tailed Sandpipers. *British Birds* 73: 333-345.
- Buden, D.W.** 2008. The birds of Nauru. *Notornis* 55(1): 8-19.
- Callahan, D.** 2014. Migration: Long-haul wanderers. *Birdwatch* 266: 55-59 (57).
- Catley, G.P.** 1984. Notes: Feeding behaviour and plumage of an adult Sharp-tailed Sandpiper. *British Birds* 77(4): 156-157.
- Chudleigh, B. & Chandler, R.J.** 1990. Waders in New Zealand. *British Birds* 83(10): 416-424.
- Clifford, H.J. & Lawrie, D.A.** 1997. New and rare bird records for Raoul Island. *Notornis* 44(3): 171-173.
- Eds.** 2010. Sharp and almost to the point. Sharp-tailed Sandpiper: Patrington Haven, East Yorkshire, 22-23 August 2010. *Birdwatch* 220: 54.
- Freestone, P.** 2004. Sharp-eyed man finds Sharp-tailed Sand. Sharp-tailed Sandpiper: Cornwall, 16-17 August 2004. *Birdwatch* 148: 58.
- Handel, C.M. & Gill Jr., R.E.** 2010. Wayward Youth: Trans-Beringian Movement and Differential Southward Migration by Juvenile Sharp-tailed Sandpipers. *Arctic* 63(3): 273-288.
- Harrop, H.** 1993. Identification of Sharp-tailed Sandpiper and Pectoral Sandpiper. *Birding World* 6(6): 230-238.
- Hill, P.** 1998. Answers to the April Photo Quiz: juvenal Sharp-tailed Sandpiper. *Birding XXX*(3): 230-232.
- Hoffman, W.** 1972. A sight record of the Sharp-tailed Sandpiper at South Beach, Lincoln County, Oregon. *Murrelet* 53: 32.
- Kelly, P.** 2011. Therein lies a Sharp-tail. Sharp-tailed Sandpiper: Tacumshin, Co. Wexford, from 29 August 2011. *Birdwatch* 232: 68-69.
- Laws, T.** 2007. Sharp-tailed caps bumper wader day. Sharp-tailed Sandpiper: Oare Marshes, Kent, 10-11 August 2007. *Birdwatch* 184: 56-57.
- Lundquist, T.** 2011. Spring waders at Shanghai, China. *Birding World* 24(3): 120-131 (plates 7, 8 & 9, pp. 123-124).
- Milbourne, N.** 2012. Sharp and to the point. Sharp-tailed Sandpiper: Blagdon Lake and then Chew Valley Lake, Somerset, from 18 November 2011. *Birdwatch* 235: 70-71.

- Miskelly, C.M.** *et al.* 2006. Additions to the Chatham Islands' bird list, with further records of vagrant and colonising bird species. *Notornis* 53: 215-230 (222).
- Mlodinow, S.G.** 2001. Possible anywhere: Sharp-tailed Sandpiper. *Birding* 33: 330-341.
- Myers, J.P.** *et al.* 1982. Exotic *Calidris* species of the Siberian tundra. *Ornis Fennica* 59(4): 175-182.
- Offereins, R.** *et al.* 2002. Siberische Strandlopers in Ezumakeeg in augustus 1998 en augustus 2000 [Sharp-tailed Sandpiper at Ezumakeeg in August 1998 and August 2000]. *Dutch Birding* 24(4): 193-197.
- Otter, D. & Otter, S.** 2012. East meets Westray. Sharp-tailed Sandpiper: Westray, Orkney, 20-23 July 2012. *Birdwatch* 243: 62.
- Patton, M.A. & Heindel, M.T.** 1995. Answers to the October Photo Quiz: Adult Sharp-tailed Sandpiper. *Birding* XXVII(6): 478-481.
- Pilgrim, J.D.** *et al.* 2009. Updates to the distribution and status of birds in Vietnam. *Forktail* 25: 130-136 (131).
- Rosenband, G.** 1982. Notes: Eye-ring of Sharp-tailed Sandpiper. *British Birds* 75(3): 128.
- Starks, J.** 1996. Intraspecific aggression in the Sharp-tailed Sandpiper *Calidris acuminata*. *The Stilt* 29: 40.
- Stoddart, A.** 2013. Identification: Ruff, Pectoral and Sharp-tailed Sandpipers Photo Guide. *Birdwatch* 253: 37-42.
- Taylor, J.W.** 1969. Sharp-tailed Sandpiper and Palm Warbler in Alaska. *The Wilson Bulletin* 81(3): 337-338.
- Topp, A.** 2001. Photonews. *Alula* 7(4): 164.
- VanderWerf, E.A.** 2006. Observations on the birds of Kwajalein Atoll, including six new species records for the Marshall Islands. *Micronesica* 38(2): 221-237.
- Wassink, A.** 2014. Birds of Kazakhstan: new and interesting data, part 5. *Dutch Birding* 36(2): 114-120 (116).

## Broad-billed Sandpiper

***Calidris falcinellus*** [Pontoppidan 1763, Denmark].

[*C.f. falcinellus*] Scandinavia & NW Russia. Winters E & S Africa E thru Arabia to India & Sri Lanka.

[*C.f. sibirica*] Taymyr and R Lena E to R Kolyma. Winters NE India thru SE Asia, Philippines & Indonesia to Australia.

Treated by del Hoyo *et al.* 1996 as *Limicola falcinellus*.

- Blinchow, J.I.** 1985. Notes: Broad-billed Sandpiper with long-legged appearance. *British Birds* 78(4): 191.
- Buckley, F.** 1980. Broad-billed Sandpiper in Co. Cork. *Irish Birds* 1(4): 548-549.
- Callahan, D.** 2014. Migration: Long-haul wanderers. *Birdwatch* 266: 55-59 (56).
- Fennell, C.M.** *et al.* 1964. New occurrences and recent distributional records of Korean birds. *The Condor* 66(3): 239-246 (243).
- Herremans, M.L.J.** 1984. Head pattern of Broad-billed Sandpiper. *Dutch Birding* 6(4): 142.
- Kapanen, M.** 1997. Finnish birds: 5. Broad-billed Sandpiper - Jänkäsieeäinen. *Alula* 3(2): 54-55.
- Mehta, S.** 2009. Broad-billed Sandpiper *Limicola falcinellus*: an addition to the avifauna of India's western seaboard, south of Jamnagar area. *Journal of the Bombay Natural History Society* 105(3): 338.
- Minton, C.D.T. & Chandler, R.J.** 1996. Palearctic waders in Western Australia. *British Birds* 89(4): 177-184 (plate 78, p. 179).
- Morris, P.I.** 1990. Notes: Freezing postures of Little Stints and Broad-billed Sandpiper. *British Birds* 83(10): 426.
- Oreel, G.J.** 1981. On discovering Broad-billed Sandpipers in Netherlands. *Dutch Birding* 3(1): 9.
- Prater, T.** 1985. PhotoSpot: 10. Broad-billed Sandpiper. *British Birds* 78(4): 190.
- Rae, R.** *et al.* 1998. The breeding habitat of Broad-billed Sandpipers *Limicola falcinellus* in northern Norway, with notes on breeding ecology and biometrics. *Wader Study Group Bulletin* 85: 51-54.
- Rainey, H.J.** *et al.* 2009. Additions to the avifauna of Congo-Brazzaville. *Bulletin of the African Bird Club* 16(1): 53-60 (55).
- Van der Winden, J.** *et al.* 1993. The migration of Broad-billed Sandpiper *Limicola falcinellus* during May 1992 in the Sivash, Ukraine. *Wader Study Group Bulletin* 71: 41-43.
- Verkuil, Y.** *et al.* 2006. Fast fuelling but light flight in Broad-billed Sandpipers *Limicola falcinellus*: stopover ecology at a final take-off site in spring (Sivash, Ukraine). *Ibis* 148(2): 211-220.
- Waldenström, J. & Lindström, A.** 2001. Migration and morphometrics of the Broad-billed Sandpiper *Limicola falcinellus* at Ottenby, southern Sweden, 1950-2000. *Ornis Fennica* 78(4): 184-192.

## Curlew Sandpiper

*Calidris ferruginea* [Pontoppidan 1763, Christiansø Islands, Denmark].

Yamal Peninsula to Kolyuchinskaya Gulf (N Chukotskiy peninsula, far-eastern Siberia). Winters sub-Saharan Africa E thru S Asia to Australasia.

- Barone, R. et al.** 2001. Observaciones ornitológicas en la Isla de Maio (Archipiélago de Cabo Verde), Octubre de 2000 [Ornithological observations on Maio Island, October 2000]. *Revista de la Academia Canaria de Ciencias* XII(3-4): 143-155 (148).
- Barshep, Y.** 2011. *Migration and moult strategy of the Curlew Sandpiper*. PhD Thesis, University of Cape Town.
- Barter, M.A.** 1987. Are Curlew Sandpipers sexist and if so, why? *The Stilt* 11: 14-17.
- Berlijn, M. & Eerdmans, J.J.D.** 1988. Krombekstrandloper met half afgebroken snavel [Curlew Sandpiper with half-broken bill]. *Dutch Birding* 10(2): 86-88.
- Blomqvist, S. & Lindstroem, Aa.** 1995. The spring migration of Sanderling *Calidris alba*, Little Stint *C. minuta* and Curlew Sandpiper *C. ferruginea* in Sweden. *Ornis Svecica* 5(2): 55-67.
- Callahan, D.** 2013. Species profile: Code red. *Birdwatch* 254: 31-34.
- Callahan, D.** 2014. Migration: Long-haul wanderers. *Birdwatch* 266: 55-59 (56).
- Chudleigh, B. & Chandler, R.J.** 1990. Waders in New Zealand. *British Birds* 83(10): 416-424.
- Crossland, A.C. et al.** 2006. An overview of the status and abundance of migratory waders in Sumatra, Indonesia. *The Stilt* 50: 90-95 (94).
- Dann, P.** 2000. Foraging behaviour and diets of red-necked stints and curlew sandpipers in south-eastern Australia. *Wildlife Research* 27(1): 61-68.
- Donegan, T. et al.** 2009. Revision of the status of various bird species occurring or reported in Colombia. *Conservacion Colombiana* 8: 80-86.
- Ebels, E.B.** 2002. Transatlantic vagrancy of Palearctic species to the Caribbean region. *Dutch Birding* 24(4): 202-209 (205).
- Elliott, C.C.H. et al.** 1976. The migration system of the Curlew Sandpiper *Calidris ferruginea* in Africa. *Ostrich* 47(4): 191-213.
- Fennell, C.M. et al.** 1964. New occurrences and recent distributional records of Korean birds. *The Condor* 66(3): 239-246 (243).
- Figureola, J. & Bertolero, A.** 1996. Differential autumn migration of Curlew Sandpiper (*Calidris ferruginea*) through the Ebro delta, northeast Spain. *Ardeola* 43(2): 169-175.
- Figureola, J. & Bertolero, A.** 1998. Sex differences in the stopover ecology of Curlew Sandpipers *Calidris ferruginea* at a refueling area during autumn migration. *Bird Study* 45: 313-319.
- Figureola, J. & Gustamante, L.** 1995. Does Use of a Tape Lure Bias Samples of Curlew Sandpipers Captured with Mist Nets? *Journal of Field Ornithology* 66(4): 497-500.
- Frodin, P. et al.** 1994. Mate guarding by Curlew Sandpipers (*Calidris ferruginea*) during spring migration in north Siberia. *Arctic* 47: 142-144.
- Graves, G.R. & Plenge, M.A.** 1978. First record of Curlew Sandpiper in Peru. *The Condor* 80: 455.
- Harbard, C.** 2009. Must see: Curlew Sandpiper. *Birdwatch* 205: 8-9.
- Hashimoto, N. et al.** 2010. Rapid moult to breeding plumage by a first-summer Curlew Sandpiper. *British Birds* 103(7): 401-404.
- Hazevoet, C.J. et al.** 1996. Ornithological news from the Cape Verde Islands in 1995, including records of species new to the archipelago. *Bulletin Zoölogisch Museum* 15(3): 22-27 (24).
- Holmes, R.T. & Pitelka, F.A.** 1964. Breeding behaviour and taxonomic relationships of the Curlew Sandpiper. *The Auk* 81(3): 362-379.
- Kaluthota, C.** 2005. A record of Curlew Sandpiper flagged in Australia. *Malkoha* 27(3): 3.
- Kirby, J.S. et al.** 1989. Curlew Sandpipers in Britain and Ireland in autumn 1988. *British Birds* 82(9): 399-409.
- Kylänpää, J.** 2000. Birds of Dera Ismail Khan District of North West Frontier Province in Pakistan. *Forktail* 16: 15-28 (19).
- Lappo, E.G.** 1996. Comparisons of breeding range structure for Dunlin *Calidris alpina* and Curlew Sandpiper *Calidris ferruginea*: conservative and nomadic tundra waders. *Wader Study Group Bulletin* 80: 41-46.
- Lee, C-T, & Wen, Y-Y.** 2010. Notebook: Breeding plumage Curlew Sandpiper *Calidris ferruginea* in Taiwan during the northern winter. *BirdingASIA* 13: 79.
- Lorenzo, J.A. & Rabuñal, J.L.** 1993. Migración del Correlimos Zarapitín (*Calidris ferruginea*) durante el otoño de 1988 por Galicia y Tenerife [Curlew Sandpiper migration during autumn 1988 in Galicia and Tenerife]. *Doñana; Acta Vertebrata* 20(1): 98-102.

- Madden, B.** 1989. Letters: Curlew Sandpipers on Irish east coast in autumn 1988. *British Birds* 82(12): 622.
- Meissner, W.** 2006. Timing and phenology of Curlew Sandpiper *Calidris ferruginea* on southward migration through Puck Bay, Poland. *International Wader Studies* 19: 121-124.
- Minton, C. et al.** 2003. Variations in apparent annual breeding success of Red-necked Stints and Curlew Sandpipers between 1991 and 2001. *The Stilt* 43: 30-33.
- Minton, C.D.T.** 1998. Migratory movements of Curlew Sandpipers *Calidris ferruginea* that spend the non-breeding season in Australia. *The Stilt* 32: 28-40.
- Miskelly, C.M. et al.** 2006. Additions to the Chatham Islands' bird list, with further records of vagrant and colonising bird species. *Notornis* 53: 215-230 (222).
- Pearson, D.J. et al.** 1970. Weights of some palaeartic waders wintering in Kenya. *Ibis* 112(2): 199-208.
- Pfister, O.** 2001. Birds recorded during visits to Ladakh, India from 1994 to 1997. *Forktail* 17: 81-90 (84).
- Pringle, J.S. & Cooper, J.** 1975. The palaeartic wader population of Langebaan Lagoon. *Ostrich* 46(3): 213-218.
- Prytherch, R.** 2010. Letters: Rapid moult to breeding plumage by a first-summer Curlew Sandpiper. *British Birds* 103(11): 672.
- Puttick, G.M.** 1979. Foraging behaviour and activity budgets of Curlew Sandpipers. *Ardea* 67: 111-122.
- Puttick, G.M.** 1980. Energy budgets of curlew sandpipers at Langebaan Lagoon, South Africa. *Estuarine and Coastal Marine Science* 11(2): 207-215.
- Puttick, G.M.** 1981. Sex-related differences in foraging behaviour of Curlew Sandpipers. *Ornis Scandinavica* 12(1): 13-17.
- Rogers, K.G. & Gosbell, K.** 2006. Demographic models for Red-necked Stint and Curlew Sandpiper in Victoria. *The Stilt* 50: 205-214.
- Schekkerman, H. et al.** 1998. Growth, behaviour of broods and weather-related variation in breeding productivity of Curlew Sandpipers *Calidris ferruginea*. *Ardea* 86: 153-168.
- Schenk, C. & Ebels, E.B.** 2004. Birds of Chukotka and Yakutia. *Dutch Birding* 26(4): 241-257 (plate 360, p. 249).
- Schmaljohann, H.** 2001. Rätselvogel 84: Sichelstrandläufer *Calidris ferruginea* [Mystery Bird 84: Curlew Sandpiper *Calidris ferruginea*]. *Limicola* 15(5): 289-292.
- Stanley, P.L. & Minton, C.D.T.** 1972. The unprecedented westward migration of Curlew Sandpipers in autumn 1969. *British Birds* 65: 365-380.
- Stoddart, A.** 2015. Identification: Dunlin, Curlew Sandpiper and White-rumped Sandpiper Photo Guide. *Birdwatch* 278: 45-52.
- Summers, R.W. et al.** 1998. The breeding productivity of dark-bellied brent geese and curlew sandpipers in relation to changes in the numbers of arctic foxes and lemmings on the Taimyr Peninsula, Siberia. *Ecography* 21(6): 573-580.
- Syroechkovski, E.E. & Lappo, E.G.** 1994. Migration phenology of waders (Charadrii) on the Taimyr Peninsula, northern Russia. *Ostrich* 65(2):181-190.
- Thomas, D.G. & Dartnall, A.J.** 1971. Ecological aspects of the feeding behaviour of two calidridine sandpipers wintering in south-eastern Tasmania. *Emu* 71(1): 20-26.
- Thomas, D.G. & Dartnall, A.J.** 1971. Moults of the Curlew Sandpiper in relation to its annual cycle. *Emu* 71(4): 153-158.
- Tomkovich, P.S. & Soloviev, M.Yu.** 1994. Site fidelity in High Arctic breeding waders. *Ostrich* 65(2): 174-180.
- Tomkovich, P.S. & Soloviev, M.Yu.** 2006. Curlew Sandpipers *Calidris ferruginea* on their breeding grounds: schedule and geographic distribution in the light of their breeding system. *International Wader Studies* 19: 19-26.
- Underhill, L.G.** 1987. Changes in the age structure of Curlew Sandpiper populations at Langebaan Lagoon, South Africa, in relation to lemming cycles in Siberia. *Transactions of the Royal Society of South Africa* 46: 209-214.
- Underhill, L.G. et al.** 2001. Shoreline birds of Robben Island, Western Cape, South Africa. *Wader Study Group Bulletin* 96: 37-39.
- VanderWerf, E.A.** 2006. Observations on the birds of Kwajalein Atoll, including six new species records for the Marshall Islands. *Micronesica* 38(2): 221-237.
- Wilson, J.R. et al.** 1980. The migration through Europe and wintering in West Africa of Curlew Sandpipers. *Wildfowl* 31: 107-122.



## Stilt Sandpiper

***Calidris himantopus*** [Bonaparte 1826, Long Branch, New Jersey].

N Alaska E to S Victoria Island and W & S Hudson Bay. Winters N Chile, Bolivia & SC Brazil S to N Argentina & Uruguay with small numbers locally in S USA.

Treated by del Hoyo *et al.* 1996 as *Micropalama himantopus*.

1st WP record: [adult] 31st August 1954. Near Kilnsea, East Yorkshire, England. Peter Waterton & Edward Jackson, ID by R.F. Dickens. Remained until 4th September (Chislett 1955).

**Bergier, P. et al.** 2000. Les oiseaux rares au Maroc [Rare birds in Morocco]. *Porphyrio* 12: 47-56.

**Bergier, P. et al.** 2002. Rare birds in Morocco: report of the Moroccan Rare Birds Committee (1998-2000). *Bulletin of the African Bird Club* 9: 122-132.

**Bloomfield, A.** 2005. Not such tall tales. Stilt Sandpiper: Burnham Norton, Norfolk, 10-17 May 2005. *Birdwatch* 157: 57.

**Burke, P.S. et al.** 2006. First documented nest of Stilt Sandpiper in Ontario. *Ontario Birds* 24: 75-83.

**Burton, P.J.K.** 1972. The feeding techniques of Stilt Sandpipers and Dowitchers. *Transactions of the San Diego Society of Natural History* 17: 63-68.

**Carter, M.J. et al.** 1955. Notes: Stilt Sandpiper in Sussex. *British Birds* 56(2): 64-66.

**Catley, G.P.** 1983. Stilt Sandpiper on Mallorca in May 1983. *Dutch Birding* 5(4): 89-91.

**Chislett, R.** 1955. Stilt Sandpiper in Yorkshire: a new British Bird. *British Birds* 48(1): 18-20.

**Chislett, R.** Stilt Sandpiper in Humberside, pp. 45-48. Found in: **Sharrock, J.T.R. & Grant, P.J.** 1982. *Birds new to Britain and Ireland*. T. & A.D. Poyser.

**Collinson, M.** 2006. Splitting headaches? Recent taxonomic changes affecting the British and Western Palearctic lists. *British Birds* 99(6): 306-323 (310).

**Croxson, D.** 2011. Weird wader worked out. Stilt Sandpiper: Lodmoor RSPB, Dorset, from 24 July 2011. *Birdwatch* 231: 68.

**Duckham, M.** 2006. Just deserts. Stilt Sandpiper: Conwy RSPB, Conwy, 11-13 July 2006. *Birdwatch* 171.

**Eds.** 2013. Stilt Sand returns to Cheshire. Stilt Sandpiper: Neumann's and Sandbach Flashes, Cheshire, 29 August-7 September 2013. *Birdwatch* 256: 63.

**Grant, P.J.** 1982. Mystery photographs: Stilt Sandpiper. *British Birds* 75(11): 534-535.

**Hamilton, R.** 1998. Answers to the December Photo Quiz: juvenile Stilt Sandpiper. *Birding XXX*(1): 55-56.

**Hill, C.** 2006. First record of a stilt sandpiper (*Micropalama himantopus*) in New Zealand. *Notornis* 53(3): 320-321.

**Hunter, D.** 2003. Stilt Sandpiper at Lough Beg - a first for Northern Ireland. *Northern Ireland Bird Report 2001* pp. 103-106.

**Jehl Jr., J.R.** 1969. Band wear in Stilt Sandpiper - a warning. *Bird Banding* 40: 47.

**Jehl Jr., J.R.** 1970. Sexual Selection for Size Differences in Two Species of Sandpipers. *Evolution* 24(2): 311-319.

**Jehl Jr., J.R.** 1973. Breeding biology and systematic relationships of the Stilt Sandpiper. *The Wilson Bulletin* 85(2): 115-147.

**Kok, D. & van Duivendijk, N.** 1998. Masters of Mystery – Solutions of first round 1998: juvenile Stilt Sandpiper. *Dutch Birding* 20(2): 81-82.

**Laredo, C.D.** 1996. Observations on migratory and resident shorebirds in lakes in the highlands of north-western Argentina. *International Wader Studies* 8: 103-111 (106).

**Leonard, P.** 1990. A Purple Patch at Ballycotton, August 1988. *Cork Bird Report 1989* pp. 79-84.

**McGeehan, A.** 1990. Quizbird Solution: Stilt Sandpiper. *Birding World* 3(8): 288-289.

**McGeehan, A.** 2001. The Stilt Sandpiper at Lough Beg - the first for Northern Ireland. *Birding World* 14(9): 376-377.

**Meeuwissen, D.** 2016. Steltstrandloper op tournee door Nederland [Stilt Sandpiper near Neer, Limberg]. *Dutch Birding* 38(4): 268-269.

**Miller, E.H.** 1983. The Structure of Aerial Displays in Three Species of Calidridinae (Scolopacidae). *The Auk* 100(2): 440-451.

**Mullarney, K.** 1980. Stilt Sandpiper in Co. Cork. *Irish Birds* 1(4): 545-548.

**Rooke, S.** 2001. Monthly Marathon Solution: adult winter Stilt Sandpiper. *British Birds* 94(12): 604-605.

**Ruiz-Guerra, C. et al.** 2007. Noteworthy bird records from the southern Chocó of Colombia. *Bulletin of the British Ornithologist's Club* 127(4): 283-293 (287).

**Sangster, G. et al.** 2004. Taxonomic recommendations for British birds: second report. *Ibis* 146: 153-157.

- Siddle, C.** 2005. Migratory occurrence and status of select shorebirds in the vicinity of Fort St. John, British Columbia. *Wildlife Afield* 2(1): 3-7 (6).
- Thompson, M.C. & DeLong, R.L.** 1969. Birds new to North America and the Pribilof Islands, Alaska. *The Auk* 86(4): 747-749 (748).
- van der Wielen, P.** 2005. Steltstrandloper in Ezumakeeg in mei en juni-juli 2004 [Stilt Sandpiper at Ezumakeeg in May and June-July 2004]. *Dutch Birding* 27(4): 254-256.
- Vink, A. et al.** 1999. Steltstrandloper in Blauwe Kamer in juli 1998 [Stilt Sandpiper at Blauwe Kamer in July 1998]. *Dutch Birding* 21(6): 333-336.
- Wierda, J.** 2001. Steltstrandloper in Noord-Holland in juli 2000 [Stilt Sandpiper in Noord-Holland in July 2000]. *Dutch Birding* 23(1): 5-7.
- Woodford, J.** 1958. Fat deposition on a migrant Stilt Sandpiper. *The Auk* 75: 215.
- Wynn, R.** 2002. Reports: Hampshire hogs limelight. *Birdwatch* 123: 51.
- Wynn, R.** 2002. The Stilt Sandpiper in Hampshire. *Birding World* 15(7): 282-283.

## Spoon-billed Sandpiper

***Calidris pygmea*** [Pallas 1764, coast of North Sea].

Confined to a few sites on coastal tundra on the Chukotskiy peninsula S to N Kamchatka (far-eastern Siberia). Winters Gulf of Mottoma & Nan Thar (Myanmar) and Sonadia Island (Bangladesh) and other scattered locations on coasts from the Min Jiang Estuary (Fujian, China) to the Bay of Bengal (Bangladesh / India / Myanmar).

Treated by del Hoyo *et al.* 1996 as *Eurynorhynchus pygmeus*.

Other name: Spoonbill Sandpiper.

- Alström, P. & Olsson, U.** 1991. Spoon-billed Sandpiper. *Birding World* 4(5): 169-171.
- Balachandran, S.** 1998. Status of Spoon-billed Sandpiper and Asian Dowitcher and threats to waders on the Indian East Coast. *Oriental Bird Club Bulletin* 27: 12-13.
- Bird, J.P. et al.** 2010. A survey of the Critically Endangered Spoon-billed Sandpiper *Eurynorhynchus pygmeus* in Bangladesh and key future research and conservation recommendations. *Forktail* 26: 1-8.
- Chowdhury, S.U. et al.** 2011. Seasonal occurrence and site use by shorebirds at Sonadia Island, Cox's Bazar, Bangladesh. *Wader Study Group Bulletin* 118(2): 77-81.
- Clark, N. et al.** 2014. Saving the Spoon-billed Sandpiper: an update on the conservation programme. *British Birds* 107(8): 467-475.
- Dixon, J.** 1918. The nesting grounds and nesting habits of the Spoon-billed Sandpiper. *The Auk* 35: 387-404.
- Elsby, K.** 2013. Home and away: Spoon-billed Sandpiper and more in Vietnam. *Birding World* 26(3): 121-123.
- Fowlie, M.** 2011. Saving the Spoon-billed Sandpiper. *World Birdwatch* 33(1): 12-14.
- Khan, M. & Monirul, H.** 2006. Spoon-billed Sandpiper *Calidris pygmeus* on the coast of Bangladesh. *BirdingASIA* 6: 84-85.
- McWhirter, D.W.** 1987. Feeding methods and other notes on the Spoon-billed Sandpiper *Eurynorhynchus pygmeus* in Okinawa. *Forktail* 3: 60-61.
- Pain, D. et al.** 2011. Bird on the edge: can the Spoon-billed Sandpiper *Eurynorhynchus pygmeus* be saved? *BirdingASIA* 15: 26-35.
- Pain, D. et al.** 2011. On the edge: can the Spoon-billed Sandpiper be saved? *British Birds* 104(7): 350-363.
- Pedersen, A. et al.** 1998. The status and conservation of threatened and near-threatened species of birds in the Red River Delta, Vietnam. *Bird Conservation International* 8: 31-52 (37).
- Pitches, A.** 2008. News and comment: 20th Birdfare to support Spoon-billed Sandpiper. *British Birds* 101(8): 453.
- Pitches, A.** 2011. News and comment: Record flock of Spoon-billed Sandpipers in China. *British Birds* 104(12): 758.
- Pitches, A.** 2011. News and comment: Rescue team hatches first Spoon-billed Sandpipers chicks. *British Birds* 104(8): 467-468.
- Pitches, A.** 2012. News and comment: First ever Spoon-billed Sandpiper chicks hatch in the UK. *British Birds* 105(8): 490.
- Pitches, A.** 2012. News and comment: Spoon-billed Sandpiper team return to Russia. *British Birds* 105(5): 285.
- Pitches, A.** 2012. News and comment: Spoon-billed Sandpipers reared and released in Russia. *British Birds* 105(11): 691.

- Pitches, A.** 2013. News and comment: Record flock of Spoon-billed Sandpiper in China. *British Birds* 106(12): 704.
- Pitches, A.** 2013. News and comment: Spoon-billed Sandpipers breeding at Slimbridge in 2014? *British Birds* 106(12): 704-705.
- Pitches, A.** 2016. News and comment: Fresh hope for the Spoon-billed Sandpiper. *British Birds* 109(7): 373.
- Pitches, A.** 2016. News and comment: Record numbers of wintering 'Spoonies' counted in China. *British Birds* 109(4): 197.
- Pitches, A.** 2016. News and comment: Spoon-billed Sandpipers hatch at Slimbridge. *British Birds* 109(8): 431.
- Rosair, D.** 1995. Spoon-billed Sandpiper in focus. *Birding World* 8(9): 344-345.
- Sharma, A.** 2003. First records of Spoon-billed Sandpiper *Calidris pygmaeus* in the Indian Sundarbans delta, West Bengal. *Forktail* 19: 136-137.
- Sharma, A.** 2003. Spoon-billed Sandpiper, (*Calidris pygmaeus*) the first record for Sunderbans Delta. *Newsletter for Birdwatchers* 43(5): Backcover.
- Syroechkovski, E.E. et al.** 2009. Spoon-billed Sandpiper: last chance to save. *BirdingAsia* 12: 109-111.
- Tomkovich, P.S.** 1992. Spoon-billed Sandpiper in north-east Siberia. *Dutch Birding* 14(2): 37-41.
- Tomkovich, P.S. et al.** 2002. First indications of a sharp population decline in the globally threatened Spoonbill Sandpiper *Eurynorhynchus pygmaeus*. *Bird Conservation International* 12: 1-18.
- Thompson, P.M. et al.** 2014. Notable bird records from Bangladesh from July 2002 to July 2013. *Forktail* 30: 50-65 (55).
- Wah, C.M. & Young, L.** 1991. Food of the Spoon-billed Sandpiper in Hong Kong. *Hong Kong Bird Report 1990* pp. 192-193.
- Zöckler, C. et al.** 2010. Rapid and continued population decline in the Spoon-billed Sandpiper *Eurynorhynchus pygmaeus* indicates imminent extinction unless conservation action is taken. *Bird Conservation International* 20(2): 95-111.

## Red-necked Stint

***Calidris ruficollis*** [Pallas 1776, Kulussutai, S Transbaikalia].

Taymyr peninsula E to Chukotskiy peninsula and S to extreme N Kamchatka (far-eastern Siberia) and occasionally W & N Alaska. Winters E India, Myanmar, S China & Taiwan thru Philippines & Indonesia to Solomon Islands, Australia & New Zealand.

Other name: Rufous-necked Stint.

- Alström, P. & Olsson, U.** 1989. The identification of juvenile Red-necked and Long-toed Stints. *British Birds* 82(8): 360-372.
- Baker, P.** 2010. A very brief stint. Red-necked Stint: Ferrybridge, Dorset, 27 August 2010. *Birdwatch* 220: 51-52.
- Balch, L.** 1988. Curling Up With a Good (Bird) Book - Update on 53 'Aleutian' Species Covered in the National Geographic Society Field Guide. *Birding* XX(5): 290-303 (296).
- Barthel, P.H.** 1992. Foto-Folge 8: Rotkehl-Strandläufer *Calidris ruficollis* und Großer Knutt *C. tenuirostris* [Photo Sequence 8: Red-necked Stint *Calidris ruficollis* and Great Knot *C. tenuirostris*]. *Limicola* 6(3): 136-150.
- Berg, H-M.** 1987. Ein Rotkehl-Strandläufer *Calidris ruficollis* in Österreich sowie Anmerkungen zu seinem Auftreten in Europa [A Red-necked Stint *Calidris ruficollis* in Austria with comments on the occurrence of this species in Europe]. *Limicola* 1(2): 37-44.
- Buchheim, A.** 2009. Foto-Folge 22: Rotkehl-Strandläufer *Calidris ruficollis* im Prachtkleid [Photo Sequence 22: Red-necked Stints *Calidris ruficollis* in adult summer plumage]. *Limicola* 23(2): 150-158.
- Campbell, O.** 2010. Juvenile Little Stint and Red-necked Stint: an identification refresher. *Birding World* 23(8): 351-354.
- Carey, G.** 1994. Notes: Leg colouration of Red-necked Stint. *British Birds* 87(6): 273.
- Chudleigh, B. & Chandler, R.J.** 1990. Waders in New Zealand. *British Birds* 83(10): 416-424.
- Clancey, P.A.** 1964. The first records of the Rufous-necked Stint *Calidris ruficollis* from the Ethiopian region. *Ibis* 106(2): 254-255.
- Cooper, D. & Kay, B.** 2010. Hegura-Jima - the Fair Isle of Japan. *Birding World* 22(12): 506-522 (plate 8, p. 509).
- Crossland, A.C. et al.** 2006. An overview of the status and abundance of migratory waders in Sumatra, Indonesia. *The Stilt* 50: 90-95 (94).

- Dann, P.** 2000. Foraging behaviour and diets of red-necked stints and curlew sandpipers in south-eastern Australia. *Wildlife Research* 27(1): 61-68.
- De Silva, R.I.** 1996. The Rufous-necked Stint in Sri Lanka. *Malkoha* 3(2): 6.
- De Silva, R.I.** 1999. The Rufous-necked Stint (*Calidris ruficollis*) in Sri Lanka. *Loris* 22(5): 48.
- Degen, A. et al.** 1998. Wader migration in Babushkina Bay, Russian Far East, June - August 1995. *Wader Study Group Bulletin* 85: 75-79.
- Dierschke, J. & Buckell, S.** 2012. Waders of the Anadyr region, Chukotka, Russia. *Birding World* 25(3): 124-129 (plate 7, p. 128).
- Eds.** 2009. Frontispiece: Adult summer Red-necked Stint, Grevelingen, the Netherlands, July 2004 - picture by Pim Wolf. *Birding World* 22(7): 265.
- Escott, C.J.** 1995. Extralimital occurrence of Rufous-necked Stint *Calidris ruficollis* in North America. *Birders Journal* 4(3): 132-138.
- Frost, G. & Lainer, H.** 2002. Sighting of a Rufous-necked Stint *Calidris ruficollis* (Pallas) in West Bengal, India. *Journal of the Bombay Natural History Society* 99(2): 300-301.
- Gerasimov, Yu. & Gerasimov, N.N.** 2000. The importance of the Moroshechnaya River estuary as a staging site for shorebirds. *The Stilt* 36: 20-25 (21).
- Golley, M. & Hough, J.** 1992. Black-legged Stints and Peeps. *Birdwatch* 1(4): 18-20.
- Granit, B. & Smith, J.P.** 2004. The first Red-necked Stint *Calidris ruficollis* in Israel. *Sandgrouse* 26(1): 53-55.
- Jonsson, L. & Grant, P.J.** 1984. Identification of stints and peeps. *British Birds* 77(7): 293-315.
- Karhu, H.** 2004. Chukotka North coast in summer 2002 - an international Arctic expedition. *Alula* 10(3): 106-119 (119).
- Kirwan, G.M.** 2007. Two specimens of Red-necked Stint from Iran collected in July 1941. *Dutch Birding* 29(2): 92-93.
- Kok, D. & van Duivendijk, N.** 2000. Masters of Mystery – Solutions of first round 2000: Red-necked Stint. *Dutch Birding* 22(2): 111.
- Kok, D. & van Duivendijk, N.** 2001. Masters of Mystery – Solutions of fifth and sixth round 2000: juvenile Red-necked Stint. *Dutch Birding* 23(1): 28-33.
- Lehman, P.** 2006. Autumn Plumages from the Bering Sea Region, Alaska. *Birding* 38(5): 26-33 (30).
- Lundquist, T.** 2011. Spring waders at Shanghai, China. *Birding World* 24(3): 120-131 (plate 12, p. 125).
- McCaskie, G.** 1975. A Rufous-necked Sandpiper in Southern California. *Western Birds* 6: 111-113.
- McDaid, P.** 2011. Red-neck rolls up in the west. Red-necked Stint: Ballinskelligs, Co. Kerry, 2-3 August 2011. *Birdwatch* 231: 68.
- Millington, R.** 1992. The Red-necked Stint in Norfolk – the second British record. *Birding World* 5(8): 295-298.
- Millington, R.** 2001. Eastern vagrants: a photo gallery. *Birding World* 14(8): 333-342 (333).
- Minton, C.** 1995. Notes: Leg colouration of Red-necked Stint. *British Birds* 88(2): 112.
- Minton, C. et al.** 2003. Variations in apparent annual breeding success of Red-necked Stints and Curlew Sandpipers between 1991 and 2001. *The Stilt* 43: 30-33.
- Minton, C.D.T. & Chandler, R.J.** 1996. Palearctic waders in Western Australia. *British Birds* 89(4): 177-184 (plate 84, p. 182).
- Minton, C.D.T.** 1996. The Migration of the Red-necked Stint *Calidris ruficollis*. *The Stilt* 29: 24-35.
- Miskelly, C.M. et al.** 2006. Additions to the Chatham Islands' bird list, with further records of vagrant and colonising bird species. *Notornis* 53: 215-230 (222).
- Mullarney, K.** 2007. Red alert as harbour vigil nets bird of the month. Red-necked Stint: Carne, Wexford, Ireland, 29-30 August 2007. *Birdwatch* 184: 58-59.
- Myers, J.P. et al.** 1982. Exotic *Calidris* species of the Siberian tundra. *Ornis Fennica* 59(4): 175-182.
- Oakes, J.** 2001. Somersham on the map. Red-necked Stint: Cambs, 21-22 September 2001. *Birdwatch* 113: 48-49.
- Oakes, J.** 2001. The Red-necked Stint in Cambridgeshire. *Birding World* 14(9): 378-379.
- Paton, D.C. & Wykes, B.J.** 1978. Re-appraisal of moult of Red-necked Stints in Southern Australia. *Emu* 78(2): 54-60.
- Reid, M.** 1991. Hong Kong – Shorebird Shangri-La. *Birding* XXIII(6): 330-344.
- Richards, B.** 1989. Red-necked Stint: new to Britain and Ireland. *British Birds* 82(9): 391-395.
- Riddington, R.** 1994. The Red-necked Stint on Fair Isle – the first juvenile in Europe. *Birding World* 7(9): 355-358.
- Riddington, R.** 2000. Bird news: Red-necked Stint in Shetland. *Birdwatch* 99: 61.
- Rogers, K.G. & Gosbell, K.** 2006. Demographic models for Red-necked Stint and Curlew Sandpiper in Victoria. *The Stilt* 50: 205-214.

- Rogers, K.G. et al.** 1996. Weights and pre-migratory mass gain of the Red-necked Stint *Calidris ruficollis* in Victoria, Australia. *The Stilt* 29: 2-23.
- Roselaar, C.S. & Aliabadian, M.** 2009. Review of rare birds in Iran, 1860s-1960s. *Podoces* 4(1): 1-27 (13).
- Schenk, C. & Ebels, E.B.** 2004. Birds of Chukotka and Yakutia. *Dutch Birding* 26(4): 241-257 (plate 363, p. 251).
- Stinson, D.W. et al.** 1997. Occurrence of Migrant Shorebirds in the Mariana Islands. *Journal of Field Ornithology* 68(1): 42-55.
- Stoddart, A.** 2011. Identification: Stints Part 1 - Little Stint and confusion species. *Birdwatch* 229: 25-29.
- Thomas, D.G. & Dartnall, A.J.** 1970. Pre-migratory deposition of fat in the Red-necked Stint. *Emu* 70(2): 87.
- Thomas, D.G. & Dartnall, A.J.** 1971. Ecological aspects of the feeding behaviour of two calidridine sandpipers wintering in south-eastern Tasmania. *Emu* 71(1): 20-26.
- Thomas, D.G. & Dartnall, A.J.** 1971. Moulting of the Red-necked Stint. *Emu* 71(2): 49-53.
- Tipper, R.** 1993. Waders in Hong Kong. *British Birds* 86(5): 231-242 (plate 61, p. 240).
- van Ommen, E.G.C. & van IJzendoorn, E.J.** 1988. Roodkeelstrandloper in Lauwersmeer in mei 1987 [Red-necked Stint at Lauwersmeer in May 1987]. *Dutch Birding* 10(4): 178-182.
- VanderWerf, E.A.** 2006. Observations on the birds of Kwajalein Atoll, including six new species records for the Marshall Islands. *Micronesica* 38(2): 221-237.
- Veit, R.R. & Petersen, W.R.** 1982. First and second records of Rufous-necked Sandpiper (*Calidris ruficollis*) for Massachusetts. *Bird Observer of Eastern Massachusetts* 2: 75-77.
- Veit, R.R.** 1988. Identification of the Salton Sea Rufous-necked Sandpiper. *Western Birds* 19: 165-169.
- Wallace, D.I.M.** 1979. Review of British records of Semipalmated Sandpipers and claimed Red-necked Stints. *British Birds* 72: 264-274.
- Wassink, A.** 2009. Birds of Kazakhstan: new and interesting data, part 2. *Dutch Birding* 31(2): 101-110 (102).
- Wassink, A.** 2010. Birds of Kazakhstan: new and interesting data, part 3. *Dutch Birding* 32(2): 128-130 (130).
- Wassink, A.** 2013. Birds of Kazakhstan: new and interesting data, part 4. *Dutch Birding* 35(1): 30 - 34 (31).

## Long-toed Stint

***Calidris subminuta*** [Middendorff 1853, Stanovoye Mountains, Russia].

Disjunct populations from the forest zone of SW Siberia to the S tundra of Koryak Mts and the Commander Islands & N Kuril Islands. Winters E India & Indochina E to Taiwan and S thru Philippines & Indonesia to W & SE Australia.

Other name: Middendorff's Stint.

**Aleksandr Fedorovitsh von Middendorff** (1815-1894), German-Russian traveller and naturalist who was a member of the St. Petersburg Academy of Sciences.

1st WP Record: 7th June 1970. Marazion Marsh, Cornwall, England. Philip D. Round. Remained until the following day (Round 1996).

**Alström, P. & Olsson, U.** 1989. The identification of juvenile Red-necked and Long-toed Stints. *British Birds* 82(8): 360-372.

**Balch, L.** 1988. Curling Up With a Good (Bird) Book - Update on 53 'Aleutian' Species Covered in the National Geographic Society Field Guide. *Birding* XX(5): 290-303 (295).

**Bot, M. et al.** 2010. Taigastrandloper bij Zwolle in oktober 2009 [Long-toed Stint near Zwolle in October 2009]. *Dutch Birding* 32(5): 316-320.

**Bradshaw, C. & Lansdown, P.G.** 1998. From the Rarities Committee's files: A report of Long-toed Stint on South Uist. *British Birds* 91(5): 180-184.

**British Ornithologists' Union** 1995. British Ornithologists' Union Records Committee: Twenty-second Report (May 1995). *Ibis* 137: 590-591.

**Carey, G.J.** 1987. Notes: Long-toed Stint with dark legs. *British Birds* 80(5): 242.

**Crossland, A.C. et al.** 2006. An overview of the status and abundance of migratory waders in Sumatra, Indonesia. *The Stilt* 50: 90-95 (94).

**Dernjatin, P. et al.** 2008. Spring migration on the archipelago of Shanghai. *Alula* 14(3): 98-106 (photos 2-4, p. 99).

**Dix, T.** 1990. Long-toed Stint in the Western Isles. *Birding World* 3(9): 310.

- Doherty, P.** 1991. Identification of juvenile Long-toed Stint and Least Sandpiper. *Birding World* 4(8): 279-281.
- Driver, N.** 2011. Elusive stint. Long-toed Stint: Weir Wood reservoir, West Sussex, 15-21 September 2011. *Birdwatch* 233: 71.
- Dunn, J.** 1989. Letters: 'Aleutian' Species in Western Alaska. *Birding* XXI(4): 184-185.
- Dunnett, J.B.** 1992. Long-toed Stint: new to Britain and Ireland. *British Birds* 85(80): 431-436.
- Eds.** 2008. Frontispiece: Long-toed Stint, South Korea, April 2008 - picture by Aurélien Audevard. *Birding World* 21(8): 221.
- Fletcher, A.W.J. et al.** 1981. First Tasmanian records of the Long-toed Stint and Little Stint. *Tasmanian Bird Report* 10 pp. 28-35.
- George, P.V.** 1965. Occurrence of the Long-toed Stint *Calidris subminutus* (Middendorff) in north Bihar. *Journal of the Bombay Natural History Society* 62(2): 302.
- Hearne, M. & Hamel, P.** 1997. A possible Long-toed Stint at Sandspit, Queen Charlotte Islands. *Birders Journal* 6(4): 200-201.
- Hirschfeld, E.** 1991. First record of Long-toed Stint *Calidris subminuta* in Bahrain. *Sandgrouse* 13(2): 108-110.
- Jonsson, L. & Grant, P.J.** 1984. Identification of stints and peeps. *British Birds* 77(7): 293-315.
- Kitson, A.R.** 1978. Identification of Long-toed Stint, Pintail Snipe and Asiatic Dowitcher. *British Birds* 71: 558-562.
- Lundquist, T.** 2011. Spring waders at Shanghai, China. *Birding World* 24(3): 120-131 (plates 7, 13 & 14, pp. 123 & 126).
- Myers, J.P. et al.** 1982. Exotic *Calidris* species of the Siberian tundra. *Ornis Fennica* 59(4): 175-182.
- O'Sullivan, D.** 1996. The Long-toed Stint in County Cork - the First for Ireland. *Birding World* 9(6): 224-225.
- Petch, S. et al.** 2002. First record of a long-toed stint (*Calidris subminuta*) in New Zealand. *Notornis* 49(3): 185-186.
- Reid, M.** 1991. Hong Kong – Shorebird Shangri-La. *Birding* XXIII(6): 330-344.
- Rosair, D.** 1989. Quizbird Solution No. 15: Long-toed Stint. *Birding World* 2(5): 187.
- Rosair, D.** 1993. Wader extravaganza. *Birdwatch* 2(3): 33-36.
- Round, P.D.** 1996. Long-toed Stint in Cornwall: the first record for the Western Palearctic. *British Birds* 89(1): 12-24.
- Schenk, C. & Ebels, E.B.** 2004. Birds of Chukotka and Yakutia. *Dutch Birding* 26(4): 241-257 (plate 374, p. 256).
- Stoddart, A.** 2011. Identification: Stints Part 2 - Temminck's and Long-toed Stints and Least Sandpiper. *Birdwatch* 230: 57-60.
- Tipper, R.** 1993. Waders in Hong Kong. *British Birds* 86(5): 231-242 (plate 62, p. 240).
- Tomkovich, P.S.** 1989. Parental roles and the mating system of the Long-toed Stint *Calidris subminuta*. *Wader Study Group Bulletin* 57: 42-43.
- Wiles, G.J. et al.** 2004. New and Noteworthy Bird Records for Micronesia, 1986–2003. *Micronesica* 37(1): 69-96.

## Temminck's Stint

*Calidris temminckii* [Leisler 1812, Hanau am Main, Germany].

Scandinavia E thru NW Russia & N Siberia E to Chukotskiy peninsula & Anadyrland. Winters Mediterranean, N tropical Africa and Middle East E thru Indian subcontinent & Indochina to S China, Taiwan & S Ryukyu Islands and S to peninsular Malaysia & Borneo and occasionally the Philippines. **Coenraad Jacob Temminck** (1778-1858), Dutch ornithologist, illustrator and collector who was the first director of the National Natural History Museum at Leiden from 1820 until his death.

**Anderson, R.C. & Baldock, M.** 2001. New records of birds from the Maldives, with notes on other species. *Forktail* 17: 67-73.

**Balch, L.** 1988. Curling Up With a Good (Bird) Book - Update on 53 'Aleutian' Species Covered in the National Geographic Society Field Guide. *Birding* XX(5): 290-303 (296).

**Breihagen, T.** 1989. Nesting biology and mating system in an alpine population of Temminck's Stint *Calidris temminckii*. *Ibis* 131: 389-402.

**de Groot, T.** 1991. Gedeeltelijk albinistische Temmincks Strandloper bij Oudega in mei 1991 [Partially albinistic Temminck's Stint near Oudega in May 1991]. *Dutch Birding* 13(4): 141.

**Dennis, R.H.** 1972. Temminck's Stints nesting in Scotland. *British Birds* 65: 481.

**Duckworth, J.W. & Hedges, S.** 1998. Bird records from Cambodia in 1997, including records of sixteen species new for the country. *Forktail* 14: 31-38 (30).

- Dunn, J.** 1989. Letters: 'Aleutian' Species in Western Alaska. *Birding XXI*(4): 184-185.
- Eds.** 2005. Photo Salon – Autumn Alaska: The Bering Sea and Aleutian Islands. *North American Birds* 59(1): 184-187 (184).
- Harbard, C.** 2010. May's target bird: Temminck's Stint. *Birdwatch* 215: 8.
- Harrap, S.** 1990. Temminck's Stint. *Birding World* 3(5): 176-177.
- Harrison, J.M.** 1934. Notes: Spotted Redshank's and Temminck's Stint in Lincolnshire. *British Birds* 28(5): 149.
- Haviland, M.D.** 1916. Notes on the breeding-habits of Temminck's Stint. *British Birds* 10: 157-165.
- Hazevoet, C.J.** 1999. Fourth report on birds from the Cape Verde Islands, including notes on the conservation and records of 11 new to the archipelago. *Bulletin Zoologisch Museum* 17(3): 19-32 (27).
- Headlam, C.G.** 1972. Temminck's Stint's breeding in Scotland. *Scottish Birds* 7: 94.
- Hedenström, A.** 2004. Migration and morphometrics of Temminck's Stint *Calidris temminckii* at Ottenby, southern Sweden. *Ringing & Migration* 22: 51-58.
- Hildén, O.** 1975. Breeding system of Temminck's Stint *Calidris temminckii*. *Ornis Fennica* 52: 117-146.
- Hildén, O.** 1978. Population dynamics in Temminck's Stint *Calidris temminckii*. *Oikos* 30: 17-28.
- Hildén, O.** 1979. Territoriality and site tenacity of Temminck's Stint *Calidris temminckii*. *Ornis Fennica* 56(2-3): 56-74.
- Jonsson, L. & Grant, P.J.** 1984. Identification of stints and peeps. *British Birds* 77(7): 293-315.
- Jonsson, L.** 1996. Mystery stint at Groote Keeten: first known hybrid between Little and Temminck's Stint? *Dutch Birding* 18(1): 24-28.
- Koivula, K. & Rönkä, A.** 1988. Habitat deterioration and efficiency of antipredator strategy in a meadow-breeding wader, Temminck's stint (*Calidris temminckii*). *Oecologia* 116(3): 348-355.
- Koivula, K. et al.** 2008. Steep past and future population decline in an arctic wader: dynamics and viability of Baltic Temminck's stints *Calidris temminckii*. *Journal of Avian Biology* 39(3): 329-340.
- Kylänpää, J.** 2000. Birds of Dera Ismail Khan District of North West Frontier Province in Pakistan. *Forktail* 16: 15-28 (19).
- Lislevand, T. et al.** 2009. Sex differences in body size and body condition in breeding Temminck's Stints *Calidris temminckii*. *Journal of Ornithology* 150(1): 299-302.
- Mead, C.J. & Watmough, B.R.** 1976. Suspended Moults of Trans-Saharan Migrants in Iberia. *Bird Study* 23(3): 187-196.
- Mudge, G.P. & Dennis, R.H.** 1995. History of breeding by Temminck's Stints in Britain. *British Birds* 88(12): 573-577.
- Pakanen, V.M. et al.** 2010. Impact of dispersal status on estimates of local population growth rates in a Temminck's stint *Calidris temminckii* population. *Oikos* 119(9): 1493-1503.
- Pakanen, V.M. et al.** 2011. Breeding dispersal strategies following reproductive failure explain low apparent survival of immigrant Temminck's Stints. *Oikos* 120(4): 615-622.
- Roenkae, A.** 1996. Distribution, status and population trends in the Temminck's Stint *Calidris temminckii* in the Finnish Bothnian Bay. *Ornis Fennica* 73(1): 1-11.
- Rönkä, A.** 1996. Distribution, status and population trends in the Temminck's stint *Calidris temminckii* in the Finnish Bothnian Bay. *Ornis Fennica* 73(1): 1-11.
- Rönkä, A. et al.** 2006. Increased nest predation in a declining and threatened Temminck's Stint *Calidris temminckii* population. *Ibis* 148(1): 55-65.
- Rönkä, A. et al.** 2008. Population genetic structure in the Temminck's stint *Calidris temminckii*, with an emphasis on Fennoscandian populations. *Conservation Genetics* 9(1): 29-37.
- Rönkä, A. et al.** 2012. Phylogeography of the Temminck's Stint (*Calidris temminckii*): historical vicariance but little present genetic structure in a regionally endangered Palearctic wader. *Diversity and Distributions* 18(7): 704-716.
- Rooke, S.** 2000. Monthly Marathon Solution: Temminck's Stint. *British Birds* 93(6): 290.
- Ruck, A.T.M.** 1977. Temminck's Stint with black legs. *British Birds* 70: 392.
- Stoddart, A.** 2011. Identification: Stints Part 2 - Temminck's and Long-toed Stints and Least Sandpiper. *Birdwatch* 230: 57-60.
- Thompson, M.C. & DeLong, R.L.** 1969. Birds new to North America and the Pribilof Islands, Alaska. *The Auk* 86(4): 747-749 (748).
- Vinicombe, K.** 2004. Identification: How to tell Temminck's. *Birdwatch* 144: 38-39.
- Weber, C.** 1988. Rätselvogel 4: Temminckstrandläufer *Calidris temminckii* [Mystery Bird 4: Temminck's Stint *Calidris temminckii*]. *Limicola* 2(2): 75-76.
- Wiles, G.J. et al.** 2000. Noteworthy Bird Records for Micronesia, with a Summary of Raptor Sightings in the Mariana Islands, 1988-1999. *Micronesica* 32(2): 257-284 (273).

## Sanderling

***Calidris alba*** [Pallas 1764, coast of North Sea].

[*C.a. alba*] Ellesmere Island, N & E Greenland, Svalbard, Franz Josef Land & Taymyr peninsula. Winters W Europe, Africa, Asia & Australasia.

[*C.a. rubida*] NE Siberia, Alaska, N Canada. Winters E Asia, coastal North, Central & South America. Treated by del Hoyo *et al.* 1996 as monotypic.

- Al-Mansour, M.I.** 2004. Seasonal Variation in Basal Metabolic Rate and Body Composition Within Individual Sanderling Bird *Calidris alba*. *Journal of Biological Sciences* 4(4): 564-567.
- Anderson, R.C. & Baldock, M.** 2001. New records of birds from the Maldives, with notes on other species. *Forktail* 17: 67-73.
- Anderson, R.C.** 2007. New records of birds from the Maldives. *Forktail* 23: 135-144 (137).
- Arcas, J. et al.** 2003. Diet and habitat use of Sanderling *Calidris alba*, wintering in a southern european estuary. *Alauda* 71(1): 69-77.
- Barbieri, E. et al.** 2003. Importance of Ilha Comprida (São Paulo State, Brazil) for the Sanderlings (*Calidris Alba*) Migration. *Journal of Coastal Research* 35(Special Issue): 440-445.
- Barone, R. & Hering, J.** 2010. Recent bird records from Fogo, Cape Verde Islands. *Bulletin of the African Bird Club* 17(1): 72-78 (74).
- Barone, R. et al.** 2001. Observaciones ornitológicas en la Isla de Maio (Archipiélago de Cabo Verde), Octubre de 2000 [Ornithological observations on Maio Island, October 2000]. *Revista de la Academia Canaria de Ciencias* XII(3-4): 143-155 (148).
- Barthel, C.** 1994. Rätselvogel 40: Sanderling *Calidris alba* [Mystery Bird 40: Sanderling *Calidris alba*]. *Limicola* 8(2): 84-86.
- Blomqvist, S. & Lindstroem, Aa.** 1995. The spring migration of Sanderling *Calidris alba*, Little Stint *C. minuta* and Curlew Sandpiper *C. ferruginea* in Sweden. *Ornis Svecica* 5(2): 55-67.
- Boates, J.S. & McNeil, R.** 1984. Longevity record for the sanderling. *Journal of Field Ornithology* 55(4): 485.
- Burger, J. & Gochfeld, M.** 1991. Human Activity Influence and Diurnal and Nocturnal Foraging of Sanderlings (*Calidris alba*). *The Condor* 93(2): 259-265.
- Castro, G. et al.** 1989. Assimilation Efficiency of Sanderlings (*Calidris alba*) Feeding on Horseshoe Crab (*Limulus polyphemus*) Eggs. *Physiological Zoology* 62(3): 716-731.
- Catley, G.P.** 1984. Notes: Winter feeding behaviour of Sanderling. *British Birds* 77(10): 483-484.
- Chandler, R.J.** 1993. Mystery photographs: Sanderling. *British Birds* 86(7): 312-313.
- Connors, P.G. et al.** 1981. Interhabitat movements by sanderlings in relation to foraging profitability and the tidal cycle. *The Auk* 98(1): 49-64.
- Crossland, A.C. et al.** 2006. An overview of the status and abundance of migratory waders in Sumatra, Indonesia. *The Stilt* 50: 90-95 (94).
- Dinsmore, S.J. & Collazo, J.A.** 2003. The influence of body condition on local apparent survival of spring migrant Sanderlings in coastal North Carolina. *The Condor* 105(3): 465-473.
- Evans, P.R. et al.** 1980. Studies on Sanderling at Teesmouth, NE England. *Wader Study Group Bulletin* 30: 18-20.
- Evans, P.R.** 1996. Radio-controlled sanderlings. *Wader Study Group Bulletin* 80: 6.
- Fennell, C.M. et al.** 1964. New occurrences and recent distributional records of Korean birds. *The Condor* 66(3): 239-246 (242).
- Fernández del Castillo, M.** 2002. Las aves migratorias costeras de Punta del Hidalgo (Tenerife, Islas Canarias): descripción de la comunidad y evolución anual [Coastal migratory birds of Punta del Hidalgo (Tenerife, Canary Islands): description of the community and annual results]. *Revista de la Academia Canaria de Ciencias* 13(4): 233-241.
- Ferns, P.N.** 1980. The spring migration of Sanderlings *Calidris alba* through Britain in 1979. *Wader Study Group Bulletin* 30: 22-25.
- Fisher, D.** 2004. Monthly Marathon Solution: Sanderling. *British Birds* 97(12): 677-678.
- Gerritsen, A.F.C. & Meiboom, A.** 1986. The role of touch in prey density estimation by *Calidris Alba*. *Netherlands Journal of Zoology* 36(4): 530-561.
- Gosbell, K. & Minton, C.** 2001. The biometrics and moult of Sanderling *Calidris alba* in Australia. *The Stilt* 40: 7-22.
- Grant, P.J.** 1986. Four problem stints: 3. Fair Isle, Shetland, 11th to 13th August 1982. *British Birds* 79(12): 609-621 (613-616).
- Gudmundsson, G. & Lindström, Å.** 1992. Spring migration of Sanderlings *Calidris alba* through SW Iceland: wherefrom and whereto? *Ardea* 80(3): 315-326.



- Gudmundsson, G.A. & Sandberg, R.** 2000. Sanderlings (*Calidris alba*) have a magnetic compass: orientation experiments during spring migration in Iceland. *Journal of Experimental Biology* 203: 3137-3144.
- Gudmundur, A. et al.** 1991. Optimal fat loads and long-distance flights by migrating Knots *Calidris canutus*, Sanderlings *C. alba* and Turnstones *Arenaria interpres*. *Ibis* 133(2): 140-152.
- Hazevoet, C.J. et al.** 1996. Ornithological news from the Cape Verde Islands in 1995, including records of species new to the archipelago. *Bulletin Zoölogisch Museum* 15(3): 22-27 (23).
- King, B.** 1981. Notes: Feeding behaviour of wintering Sanderlings. *British Birds* 74(12): 521-522.
- Kok, D. & van Duivendijk, N.** 1999. Masters of Mystery – Solutions of fifth round 1999: Sanderling. *Dutch Birding* 21(6): 349.
- Lorenzo, J.A.** 1995. Abundancia y densidad del correlimos tridáctilo, *Calidris alba* (Pallas, 1764) (Aves, Scolopacidae), y uso invernal del hábitat en el litoral de El Médano (Tenerife, Islas Canarias) [Abundance and density of Sanderling and wintering habitat use on the coast of El Médano (Tenerife, Islas Canarias)]. *Vieraea* 24: 165-173.
- Maron, J.L. & Myers, J.P.** 1985. Seasonal Changes in Feeding Success, Activity Patterns, and Weights of Nonbreeding Sanderlings (*Calidris alba*). *The Auk* 102(3): 580-586.
- Meissner, W. & Włodarczyk, A.** 1999. Autumn migration of Sanderling (*Calidris alba*) in the Puck Bay region (southern Baltic coast). *The Ring* 21(2): 57-67.
- Meltofte, H. & Lahrmann, D.P.** 2006. Time allocation in Greenland high-arctic waders during summer. *Dansk Ornithologisk Forenings Tidsskrift* 100: 75-87.
- Musgrove, A.J. et al.** 2011. Overwinter population estimates of British waterbirds. *British Birds* 104(7): 364-397 (387).
- Myers, J.P.** 1980. Sanderlings *Calidris alba* at Bodega Bay: Facts, inferences and shameless speculations. *Wader Study Group Bulletin* 30: 26-32.
- Myers, J.P. et al.** 1979. Territory size in wintering sanderlings: The effects of prey abundance and intruder density. *The Auk* 96(3): 551-561.
- Myers, J.P. et al.** 1980. An experimental analysis of prey availability for sanderlings (Aves: Scolopacidae) feeding on sandy beach crustaceans. *Canadian Journal of Zoology* 58(9): 1564-1574.
- Myers, J.P. et al.** 1984. Notes on the 1983 distribution of Sanderlings along the United States' Pacific Coast. *Wader Study Group Bulletin* 40: 22-26.
- Myers, J.P. et al.** 1987. Going to extremes: why do Sanderlings migrate to the Neotropics? *Ornithological Monographs* 36: 520-535.
- Myers, J.P. et al.** 1990. Migration routes of New World Sanderlings (*Calidris alba*). *The Auk* 107(1): 172-180.
- Neelakantan, K.K.** 1971. The occurrence of the Sanderling (*Calidris albus*) in Kerala. *Journal of the Bombay Natural History Society* 67(3): 570.
- Nuka, T. et al.** 2005. Feeding behavior and effect of prey availability on Sanderling *Calidris alba* distribution on Kujukuri Beach. *Ornithological Science* 4(2): 139-146.
- Parker, A.** 1981. Notes: Sanderling feeding on wet road. *British Birds* 74(5): 228.
- Parmelee, D.F.** 1970. Breeding behavior of the Sanderling in the Canadian high Arctic. *Living Bird* 9: 97-146.
- Petracci, P.** 2002. Diet of Sanderling in Buenos Aires Province, Argentina. *Waterbirds* 25(3): 366-370.
- Pienkowski, M.W. & Green, G.H.** 1976. Breeding biology of Sanderlings in north-east Greenland. *British Birds* 69: 165-177.
- Piersma, T.** 1986. Coastal waders on three Canary Islands in March-April 1986. *Wader Study Group Bulletin* 48: 19-20.
- Piersma, T. et al.** 2006. A single-year comparison of two methods of censusing breeding Red Knot and Sanderling in High Arctic Greenland. *Wader Study Group Bulletin* 109: 83-87.
- Prater, A.J. & Davies, M.** 1978. Wintering sanderlings in Britain. *Bird Study* 25: 33-38.
- Pringle, J.S. & Cooper, J.** 1975. The palaeartic wader population of Langebaan Lagoon. *Ostrich* 46(3): 213-218.
- Reneerkens, J. et al.** 2008. First re-sighting in Europe of an individually marked Sanderling *Calidris alba* from Ellesmere Island. *Wader Study Group Bulletin* 115(2): 116-118.
- Reneerkens, J. et al.** 2009. Sanderlings using African–Eurasian flyways: a review of current knowledge. *Wader Study Group Bulletin* 116(1): 2-20.
- Roberts, G.** 1991. Winter movements of sanderlings (*Calidris alba*) between feeding sites. *Acta Oecologica* 12(2): 281-294.
- Schick, C.T.** 1983. Weight loss in Sanderlings *Calidris alba* after capture. *Wader Study Group Bulletin* 38: 33-34.

- Scott, I. et al.** 2004. Using radio-transmitters to help monitor the spring migration of Sanderling *Calidris alba*: why do some birds stop in Iceland? *Bird Study* 51(1): 83-86.
- Soloviev, M.Y. & Tomkovich, P.S.** 1995. Biometrics of Sanderlings *Calidris alba* from the Taimyr. *Ringing & Migration* 16(2): 91-99.
- Sreenivasan, K.V.** 1978. The Sanderling *Calidris albus* in Kerala. *Newsletter for Birdwatchers* 18(12): 13.
- Summers, R.W. et al.** 1987. Population, biometrics and movements of the Sanderling *Calidris alba* in southern Africa. *Ostrich* 58(1): 24-39.
- Thomas, K. et al.** 2003. Effects of human activity on the foraging behavior of sanderlings *Calidris alba*. *Biological Conservation* 109(1): 67-71.
- Tomkovich, P.S. & Soloviev, M.Yu.** 1994. Site fidelity in High Arctic breeding waders. *Ostrich* 65(2): 174-180.
- Toshimitsu, N. et al.** 2005. Feeding behaviour and effect of prey availability on Sanderling *Calidris alba* distribution on Kujukuri Beach. *Ornithological Science* 4: 139-146.
- VanderWerf, E.A.** 2006. Observations on the birds of Kwajalein Atoll, including six new species records for the Marshall Islands. *Micronesica* 38(2): 221-237.
- Walters, J.R.** 1984. Sanderlings in North Carolina. *Wader Study Group Bulletin* 40: 27-29.
- Wood, A.G.** 1987. Discriminating the sex of Sanderling *Calidris alba*: some results and their implications. *Bird Study* 34(3): 200-204.

## Dunlin

***Calidris alpina*** [Linnaeus 1758, Lappland].

[*C.a. alpina*] N Scandinavia & N Russia E to R Kolyma. Winters W Europe & Mediterranean to NW India and sparsely to Bangladesh.

[*C.a. arctica*] NE Greenland. Winters mainly in NW Africa.

[*C.a. schinzii*] SE Greenland & Iceland thru Faroe Islands, Ireland & Britain to the Baltic & S Scandinavia. Winters in S Europe & NW Africa.

[*C.a. sakhalina*] R Kolyma to Chukotskiy peninsula & Anadyrland (far-eastern Siberia). Winters in E China, Korea, Japan & Taiwan and perhaps small numbers in W North America.

[*C.a. kistchinski*] N Sea of Okhotsk & Koryak Mts thru Kamchatka (extreme Russian far-east) to Kuril Islands. Winters not known.

[*C.a. actites*] N Sakhalin. Winters not known.

[*C.a. arctica*] N of the Seward peninsula (NW Alaska) & NW Canada. Winters E China, Korea & Japan.

[*C.a. pacifica*] SW Alaska S of Seward peninsula. Winters in W USA & W Mexico.

[*C.a. hudsonia*] C Canada. Winters in SE USA and probably E Mexico.

The proposed form *centralis* is included with *C.a. alpina*.

Other names: Red-backed Sandpiper, Southern Dunlin (*alpina*), Northern Dunlin (*schinzii*), Schinz's Dunlin (*schinzii*), Schiøler's Dunlin (*arctica*) Arctic Dunlin (*arctica*), Greenland Dunlin (*arctica*), Hudsonian Dunlin (*hudsonia*).

**Heinrich Rudolph Schinz** (1777-1861), Swiss naturalist and medical doctor who became curator of the Natural History Society of Zurich.

**Eiler Theodor Lehn Schiøler** (1874-1929), Danish banker and ornithologist who undertook a scientific expedition to the west coast of Greenland in 1925. He was the first to describe the *intermedius* form of Lesser Black-backed Gull.

**Avery, M.I. & Haines-Young, R.H.** 1990. Population estimates for the Dunlin *Calidris alpina* derived from remotely sensed satellite imagery of the Flow Country of northern Scotland. *Nature* 344: 860-862.

**Baker, A.J. et al.** 2005. Assessment of the wintering area of red knots in Maranhão, northern Brazil, in February 2005. *Wader Study Group Bulletin* 107: 10-18.

**Balachandran, S.** 1998. Population, status, moult, measurements, and subspecies of Knot *Calidris canutus* wintering in south India. *Wader Study Group Bulletin* 86: 44-47.

**Barthel, P.H.** 1996. Rätselfogel 56: Alpenstrandläufer *Calidris alpina* [Mystery Bird 56: Dunlin *Calidris alpina*]. *Limicola* 10(6): 317-318.

**Bengston, S-A. & Svensson, B.** 1998. Feeding Habits of *Calidris alpina* L. and *C. minuta* Leisl. (Aves) in Relation to the Distribution of Marine Shore Invertebrates. *Oikos* 19(1): 152-157.

**Blomqvist, D. et al.** 1997. Male aerial display and reversed sexual size dimorphism in the Dunlin. *Animal Behaviour* 54(5): 1291-1299.

- Brennan, L.A. et al.** 1985. Interhabitat movements of wintering Dunlins in western Washington. *Murrelet* 66: 11-16.
- Buchanan, J.B. et al.** 1988. Merlin Predation on Wintering Dunlins: Hunting Success and Dunlin Escape Tactics. *The Wilson Bulletin* 100(1): 108-118.
- Buehler, D.M. & Baker, A.J.** 2005. Population divergence times and historical demography in Red Knots and Dunlins. *The Condor* 107: 497-513.
- Clark, N.A.** 1987. Notes: Ageing criteria for Dunlins in the field. *British Birds* 80(5): 242-245.
- Davis, J.M.** 1980. The coordinated aerobatics of dunlin flocks. *Animal Behaviour* 28(3): 668-673.
- Degen, A. et al.** 1998. Wader migration in Babushkina Bay, Russian Far East, June - August 1995. *Wader Study Group Bulletin* 85: 75-79.
- Dekker, D.** 1998. Over-ocean flocking by Dunlins, *Calidris alpina*, and the effect of raptor predation at Boundary Bay, British Columbia. *Canadian Field-Naturalist* 12: 694-697.
- Dierschke, J. & Buckell, S.** 2012. Waders of the Anadyr region, Chukotka, Russia. *Birding World* 25(3): 124-129 (plate 4, p. 126).
- Dit Durell, S.L.V.LeV. & Kelly, C.P.** 1990. Diets of dunlin *Calidris alpina* and grey plover *Pluvialis squatarola* on the Wash as determined by dropping analysis. *Bird Study* 37(1): 44-47.
- Eds.** 1994. Special 3-in-a-row Quizbird No. 2 solution: Dunlin. *Birding World* 7(3): 114-115.
- Elner, R.W. et al.** 2005. Evidence of a new feeding mode in western sandpiper (*Calidris mauri*) and dunlin (*Calidris alpina*) based on bill and tongue morphology and ultrastructure. *Marine Biology* 146(6): 1223-1234.
- Fernández del Castillo, M.** 2002. Las aves migratorias costeras de Punta del Hidalgo (Tenerife, Islas Canarias): descripción de la comunidad y evolución anual [Coastal migratory birds of Punta del Hidalgo (Tenerife, Canary Islands): description of the community and annual results]. *Revista de la Academia Canaria de Ciencias* 13(4): 233-241.
- Ferns, P.N.** 1981. Identification, subspecific variation, ageing and sexing in European Dunlins. *Dutch Birding* 3(3): 85-98.
- Fraser, M.** 2008. ListCheck: Subspecific status - Dunlin. *Birdwatch* 190: 55.
- Fraser, M.** 2008. ListCheck: Subspecific status - Dunlin. *Birdwatch* 196: 57.
- Gerasimov, Yu. & Gerasimov, N.N.** 2000. The importance of the Moroshechnaya River estuary as a staging site for shorebirds. *The Stilt* 36: 20-25 (21).
- Goss-Custard, J.D. & Moser, M.E.** 1988. Rates of Change in the Numbers of Dunlin, *Calidris alpina*, Wintering in British Estuaries in Relation to the Spread of *Spartina anglica*. *Journal of Applied Ecology* 25(1): 95-109.
- Greenwood, J.G.** 1983. Dunlin *Calidris alpina* in South America. *Bulletin of the British Ornithologist' Club* 103: 110-111.
- Greenwood, J.G.** 1986. Geographical variation and taxonomy of the Dunlin *Calidris alpina* (L.). *Bulletin of the British Ornithologist' Club* 106: 43-56.
- Gromadzka, J.** 1989. Breeding and Wintering Areas of Dunlin Migrating through Southern Baltic. *Ornis Scandinavica* 20(2): 132-144.
- Handel, C.M. & Gill Jr., R.E.** 1992. Roosting behavior of premigratory Dunlins (*Calidris alpina*). *The Auk* 109(1): 57-72.
- Hardy, A.R. & Minton, C.D.T.** 1980. Dunlin migration in Britain and Ireland. *Bird Study* 27(2): 81-92.
- Harrington, B.A. et al.** 1988. Site fidelity and survival differences between two groups of New World Red Knots *Calidris canutus*. *The Auk* 105(3): 439-445.
- Harrison, J.** 1969. Schioler's Dunlin in Eire. *Bulletin of the British Ornithologist' Club* 89: 104-105.
- Harrison, J.M. & Harrison, J.G.** 1967. The occurrence of Schioler's Dunlin in south-eastern England; a race new to the British Isles. *Bulletin of the British Ornithologist' Club* 87: 142-148.
- Hazevoet, C.J.** 1997. Notes on distribution, conservation, and taxonomy of birds from the Cape Verde Islands, including records of six species new to the archipelago. *Bulletin Zoölogisch Museum* 15(13): 89-100 (96).
- Hazevoet, C.J.** 1999. Fourth report on birds from the Cape Verde Islands, including notes on the conservation and records of 11 new to the archipelago. *Bulletin Zoölogisch Museum* 17(3): 19-32 (27).
- Hazevoet, C.J. et al** 1996. Ornithological news from the Cape Verde Islands in 1995, including records of species new to the archipelago. *Bulletin Zoölogisch Museum* 15(3): 22-27 (24).
- Holmes, R.T.** 1966. Breeding ecology and annual cycle adaptations of the red-backed sandpiper (*Calidris alpina*) in northern Alaska. *The Condor* 68: 3-46.
- Holmes, R.T.** 1966. Molt cycle of the Red-backed Sandpiper (*Calidris alpina*) in western North America. *The Auk* 83: 517-533.
- Hötker, H.** 2000. When do Dunlins spend high tide in flight? *Waterbirds* 23: 482-485.

- Jansen, J.J.F.** 2014. Former breeding of Eurasian Golden Plover, Dunlin and Wood Sandpiper in Limburg and Noord-Brabant, the Netherlands. *Dutch Birding* 36(1): 9-19.
- Jönsson, P.E.** 1987. Sexual Size Dimorphism and Disassortative Mating in the Dunlin *Calidris alpina schinzii* in Southern Sweden. *Ornis Scandinavica* 18(4): 257-264.
- Kania, W.** 1990. The primary moult of breeding Dunlins *Calidris alpina* in the central Taymyr in 1989. *Wader Study Group Bulletin* 60: 17-19.
- Kehoe, C.** 2006. Racial identification and assessment in Britain: a report from the RIACT subcommittee. *British Birds* 99(12): 619-645 (627).
- Kelsey, M.G. & Hassall, M.** 1989. Patch selection by Dunlin on a heterogeneous mudflat. *Ornis Scandinavica* 20(4): 250-254.
- Kenyon, K.W. & Brooks, J.W.** 1960. Birds of Little Diomed Island, Alaska. *The Condor* 62(6): 457-463 (459).
- Kieser, J.A.** 1982. Dunlin, *Calidris alpina*: new to Argentina. *American Birds* 36: 1024-1025.
- Kus, B.E. et al.** 1984. Age-related mortality in a wintering population of Dunlin. *The Auk* 101(1): 69-73.
- Kylänpää, J.** 2000. Birds of Dera Ismail Khan District of North West Frontier Province in Pakistan. *Forktail* 16: 15-28 (19).
- Lappo, E.G.** 1996. Comparisons of breeding range structure for Dunlin *Calidris alpina* and Curlew Sandpiper *Calidris ferruginea*: conservative and nomadic tundra waders. *Wader Study Group Bulletin* 80: 41-46.
- Lavers, C. & Avery, M.** 1996. The habitat associations of Dunlin (*Calidris alpina*) in the Flow Country of northern Scotland and an improved model for predicting habitat quality. *Journal of Applied Ecology* 33: 279-290.
- Lehman, P.** 2006. Autumn Plumages from the Bering Sea Region, Alaska. *Birding* 38(5): 26-33 (29).
- Leslie, R. & Lessells, C.M.** 1978. The migration of Dunlin *Calidris alpina* through northern Scandinavia. *Ornis Scandinavica* 9: 84-86.
- Lesterhuis, A.J. & Clay, R.P.** 2003. The first record of Dunlin (*Calidris alpina*) in Paraguay and a summary of South American records of the species. *Hornero* 18: 65-67.
- Lethbridge, J.** 2010. Musings: The moment we all crave. *Birdwatch* 217: 23.
- Lundquist, T.** 2011. Spring waders at Shanghai, China. *Birding World* 24(3): 120-131 (plate 7, p. 123).
- Lundquist, T.** 2012. Barrow, Alaska in June. *Birding World* 25(8): 336-345 (plate 10, p. 341).
- Madden, B. et al.** 1999. Breeding waders of machair systems in Ireland in 1996. *Irish Birds* 6(2): 177-190.
- Marchant, J.** 1982. Mystery photographs: Dunlin. *British Birds* 75(10): 465-466.
- Marthinsen, G. et al.** 2007. Phylogeography and subspecies taxonomy of dunlins (*Calidris alpina*) in western Palearctic analysed by DNA microsatellites and amplified fragment length polymorphism markers. *Biological Journal of the Linnean Society* 92: 713-726.
- Mascher, J.W. & Marcström, V.** 1976. Measures, weights, and lipid levels in migrating Dunlins *Calidris a. alpina* L. at the Ottenby Bird Observatory, South Sweden. *Ornis Scandinavica* 7(1): 49-59.
- McLaughlin, K.A. & Wormington, A.** 2000. An apparent Dunlin x White-rumped Sandpiper hybrid. *Ontario Birds* 18(1): 8-12.
- Mead, P.** 1989. Notes: Dunlin with pale legs. *British Birds* 82(6): 268.
- Meissner, W. & Krupa, R.** 2009. Biometrics of the Dunlin (*Calidris alpina*) migrating in autumn along the Polish Baltic coast. *Ring* 31(1): 3-13.
- Meissner, W. & Strzałkowska, M.** 2006. Autumn migration dynamics of the Dunlin (*Calidris alpina*) at the Reda Mouth (southern Baltic). *Ring* 28(1): 33-43.
- Meltofte, H. & Lahrman, D.P.** 2006. Time allocation in Greenland high-arctic waders during summer. *Dansk Ornithologisk Forenings Tidsskrift* 100: 75-87.
- Miller, E.H.** 1983. The Structure of Aerial Displays in Three Species of Calidridinae (Scolopacidae). *The Auk* 100(2): 440-451.
- Mouristen, K.N.** 1994. Day and night feeding in dunlins *Calidris alpina*: choice of habitat, foraging technique and prey. *Journal of Avian Biology* 25: 55-62.
- Musgrove, A.J. et al.** 2011. Overwinter population estimates of British waterbirds. *British Birds* 104(7): 364-397 (388).
- Nehls, G. & Tiedemann, R.** 1993. What determines the densities of feeding birds on tidal flats? A case study on dunlin, *Calidris alpina*, in the Wadden Sea. *Netherlands Journal of Sea Research* 31(4): 375-384.

- Ogden, L.J.E. et al.** 2004. Blood isotopic ( $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$ ) turnover and diet-tissue fractionation factors in captive Dunlin (*Calidris alpina pacifica*). *The Auk* 121(1): 170-177.
- Page, G.** 1974. Age, sex, molt and migration of Dunlins at Bolinas Lagoon. *Western Birds* 5(1): 1-12.
- Partridge, J.K. & Smith, K.W.** 1992. Breeding wader populations in Northern Ireland, 1985-87. *Irish Birds* 4(4): 497-518.
- Pfister, O.** 2001. Birds recorded during visits to Ladakh, India from 1994 to 1997. *Forktail* 17: 81-90 (84).
- Pienkowski, M.W. & Dick, J.A.** 1975. The migration and wintering of Dunlin *Calidris alpina* in north-west Africa. *Ornis Scandinavica* 6: 151-167.
- Piersma, T.** 1986. Coastal waders on three Canary Islands in March-April 1986. *Wader Study Group Bulletin* 48: 19-20.
- Redpath, S.** 1988. Vigilance levels in preening dunlin *Calidris alpina*. *Ibis* 130(5): 555-557.
- Rooke, S.** 2005. Monthly Marathon Solution: Dunlin. *British Birds* 98(6): 331.
- Rosair, D.** 1989. Looking more closely at Dunlins. *Birding World* 2(7): 248-250.
- Ruiz, G.M. et al.** 1989. Structure of a wintering Dunlin population. *The Condor* 91(3): 562-570.
- Ruiz-Guerra, C. et al.** 2007. Noteworthy bird records from the southern Chocó of Colombia. *Bulletin of the British Ornithologist' Club* 127(4): 283-293 (287).
- Sanzenbacher, P.M. & Haig, S.M.** 2002. Residency and movement patterns of wintering Dunlin in the Willamette Valley of Oregon. *The Condor* 104(2): 271-280.
- Schenk, C. & Ebels, E.B.** 2004. Birds of Chukotka and Yakutia. *Dutch Birding* 26(4): 241-257 (plate 364, p. 251).
- Sehhatisabet, M.E. et al.** 2006. Further significant extensions of migrant distribution and breeding and wintering ranges in Iran for over sixty species. *Sandgrouse* 28(2): 146-155.
- Shepherd, P.C.F. et al.** 2001. Sex ratios of Dunlin wintering at two latitudes on the Pacific Coast. *The Condor* 103: 352-360.
- Soikkeli, M.** 1967. Breeding cycle and population dynamics in the Dunlin (*Calidris alpina*). *Annales Zoologici Fennici* 4(2): 158-198.
- Soikkeli, M.** 1970. Dispersal of Dunlin *Calidris alpina* in relation to sites of birth and breeding. *Ornis Fennica* 47(1): 1-9.
- Stoddart, A.** 2007. An apparent Hudsonian Dunlin on the Isles of Scilly. *Birding World* 20(11): 464-466.
- Stoddart, A.** 2011. An apparent Hudsonian Dunlin in Norfolk. *Birding World* 24(5): 208-210.
- Stoddart, A.** 2013. Identification: Dunlin, White-rumped and Baird's Sandpipers Photo Guide. *Birdwatch* 255: 37-42.
- Stoddart, A.** 2015. Identification: Dunlin, Curlew Sandpiper and White-rumped Sandpiper Photo Guide. *Birdwatch* 278: 45-52.
- Syroechkovski, E.E. & Lappo, E.G.** 1994. Migration phenology of waders (Charadrii) on the Taimyr Peninsula, northern Russia. *Ostrich* 65(2):181-190.
- Thorup, O. et al.** 2009. Migration and wintering of Baltic Dunlins *Calidris alpina schinzii* with known breeding origin. *Ardea* 97(1): 43-50.
- Warnock, N. et al.** 2004. Migration and stopover strategies of individual Dunlin along the Pacific coast of North America. *Canadian Journal of Zoology* 82(11): 1687-1697.
- Wassink, A.** 2010. Birds of Kazakhstan: new and interesting data, part 3. *Dutch Birding* 32(2): 128-130 (128).
- Wenink, P.W. & Baker, A.J.** 1996. Mitochondrial DNA lineages in composite flocks of migratory and wintering Dunlins (*Calidris alpina*). *The Auk* 113(4): 744-756.
- Wenink, P.W. et al.** 1993. Hypervariable-control-region sequences reveal global population structuring in a long-distance migrant shorebird, the Dunlin (*Calidris alpina*). *Proceedings of the National Academy of Sciences* 90: 94-98.
- Wenink, P.W. et al.** 1994. Mitochondrial control-region sequences in two shorebird species, the turnstone and the dunlin, and their utility in population genetic studies. *Molecular Biology and Evolution* 11(1): 22-31.
- Wennerberg, L.** 2001. Breeding origin and migration pattern of dunlin (*Calidris alpina*) revealed by mitochondrial DNA analysis. *Molecular Ecology* 10(5): 1111-1120.
- Wennerberg, L. et al.** 2008. Conservation genetics and phylogeography of southern dunlins *Calidris alpina schinzii*. *Journal of Avian Biology* 39: 423-437.
- Worrall, D.H.** 1984. Diet of the Dunlin *Calidris alpina* in the Severn Estuary. *Bird Study* 31(3): 203-212.
- Yosef, R. & Meissner, W.** 2006. Seasonal age differences in weight and biometrics of migratory Dunlins (*Calidris alpina*) at Eilat, Israel. *Ostrich* 77(1-2): 67-72.

## Purple Sandpiper

***Calidris maritima*** [Brünnich 1764, Christiansø Islands, off Bornholm, Denmark].

[*C.m. maritima*] NE Canada, Greenland, Svalbard & Franz Josef Land to NW Siberia and N temperate regions of Fenno-Scandia. Winters coasts of E North America & NW Europe.

[*C.m. belcheri*] S Hudson Bay & James Bay (Canada). Winters coast of E North America.

[*C.m. littoralis*] Iceland.

- Atkinson, N.K. et al.** 1978. The winter distribution of Purple Sandpipers in Britain. *Bird Study* 25: 223-228.
- Atkinson, N.K. et al.** 1981. Population, movements and biometrics of the Purple Sandpiper *Calidris maritima* in eastern Scotland. *Ornis Scandinavica* 12(1): 18-27.
- Bengtson, S-A. & Fjellberg, A.** 1975. Summer food of the Purple Sandpiper (*Calidris maritima*) in Spitsbergen. *Astarte* 8(1): 1-6.
- Bengtson, S-A.** 1970. Breeding behaviour of the Purple Sandpiper *Calidris maritima* in West Spitsbergen. *Ornis Scandinavica* 1(1): 17-25.
- Bengtson, S-A.** 1975. Timing of the moult of the Purple Sandpiper *Calidris maritima* in Spitsbergen. *Ibis* 117(1): 100-102.
- Boere, G. et al.** 1984. The breeding origins of Purple Sandpipers *Calidris maritima* present in the Netherlands. *Ardea* 72: 101-109.
- Boertmann, D. et al.** 2006. The importance of Southwest Greenland for wintering seabirds. *British Birds* 99(6): 282-298.
- Britton, D.** 1982. Mystery photographs: juvenile Purple Sandpiper. *British Birds* 75(3): 125-126.
- Burton, N.H.K. & Evans, P.R.** 1997. Survival and winter site-fidelity of Turnstones *Arenaria interpres* and Purple Sandpipers *Calidris maritima* in northeast England. *Bird Study* 44(1): 35-44.
- Cooper, D. & Cooper, J.** 2009. Rock Sandpiper and Purple Sandpiper. *Birding World* 22(3): 111-117.
- Dennis, R.H.** 1983. Purple Sandpipers breeding in Scotland. *British Birds* 76(12): 563-566.
- Dierschke, V.** 1998. Site fidelity and survival of Purple Sandpiper *Calidris maritima* at Helgoland (SE North Sea). *Ringing & Migration* 19(1): 41-48.
- Dierschke, V.** 2004. Differential departure of wintering adult and first-year Purple Sandpipers *Calidris maritima* from Helgoland (south-east North Sea). *Wader Study Group Bulletin* 105: 84-86.
- Feare, C.J.** 1966. The winter feeding of the Purple Sandpiper. *British Birds* 59(5): 165-179.
- Foster, S. et al.** 2010. Flock Composition of Purple Sandpipers *Calidris maritima* in the west of Ireland. *Irish Birds* 9(1): 31-34.
- García Sánchez, E.** 1995. Fenología de Correlimos Oscuro *Calidris maritima* en Asturias y primera estimación de la población invernante [Phenology of Purple Sandpiper in Asturias (N Iberia) and first estimate of wintering population]. *Airo* 6(1-2): 66-70.
- Hake, M.** 1997. Population size, migration routes and breeding origin of Purple Sandpipers *Calidris maritima* wintering in Sweden. *Ornis Svecica* 7: 121-132.
- Hallgrimsson, G.T. et al.** 2011. Sex ratio and sexual size dimorphism in Purple Sandpiper *Calidris maritima* chicks. *Bird Study* 58(1): 44-49.
- Harbard, C.** 2008. Must see: Purple Sandpiper. *Birdwatch* 187: 8-9.
- Kaufman, K.** 1987. Answers to August Photo Quiz: Purple Sandpiper. *Birding* XIX(5): 35-36.
- King, F.** 1982. Notes: Turnstones and Purple Sandpipers eating bar of soap. *British Birds* 75(9): 424.
- Leinaas, H.P. & Ambrose, W.G.** 1992. Utilization of different foraging habitats by the purple sandpiper *Calidris maritima* on a Spitsbergen beach. *Fauna Norvegica, Series C* 15(2): 85-91.
- Lendrem, D. et al.** 1986. Scanning for predators in the purple sandpiper; a time-dependent or time-independent process? *Animal Behaviour* 34(5): 1577-1578.
- Moore, A.** 1992. Notes: Purple Sandpipers feeding by probing in turf. *British Birds* 85(5): 241.
- Morrison, R.I.G.** 1976. Molt of the Purple Sandpiper *Calidris maritima* in Iceland. *Ibis* 118(2): 237-246.
- Musgrove, A.J. et al.** 2011. Overwinter population estimates of British waterbirds. *British Birds* 104(7): 364-397 (387).
- Nicoll, M. et al.** 1988. Regional, seasonal and annual variations in the structure of Purple Sandpiper *Calidris maritima* populations in Britain. *Ibis* 130: 221-233.
- Nicoll, M. et al.** 1991. The biometrics of Norwegian and Svalbard Purple Sandpipers *Calidris maritima*. *Ringing & Migration* 12: 67-71.
- Pierce, E.P. & Lifjeld, J.T.** 1998. High Paternity without Paternity-Assurance Behavior in the Purple Sandpiper, a Species with High Paternal Investment. *The Auk* 115(3): 602-612.
- Pierce, E.P.** 1997. Sex roles in the monogamous Purple Sandpiper *Calidris maritima* in Svalbard. *Ibis* 139(1): 159-169.

- Pruett, C.L. & Winker, K.** 2005. Biological Impacts of Climatic Change on a Beringian Endemic: Cryptic Refugia in the Establishment and Differentiation of the Rock Sandpiper (*Calidris ptilocnemis*). *Climatic Change* 68(1-2): 219-240.
- Riley, S.J.** 1992. Notes: Purple Sandpipers feeding inland outside breeding season. *British Birds* 85(5): 241.
- Smith, R.D. & Summers, R.W.** 2005. Population size, breeding biology and origins of Scottish Purple Sandpipers. *British Birds* 98(11): 579-588.
- Snyder, L.F.** 1996. Answers to the April Photo Quiz: Rock Sandpiper. *Birding* XXVIII(3): 235-236.
- Strann, K.B. et al.** 2006. Population structure and origins of Purple Sandpipers *Calidris maritima* in north Norway during winter. *Ringing & Migration* 23: 95-100.
- Summers, R.W. & Nicoll, M.** 2004. Geographical variation in the breeding biology of the Purple Sandpiper *Calidris maritima*. *Ibis* 146(2): 303-313.
- Summers, R.W.** 1994. The migration patterns of the Purple Sandpiper *Calidris maritima*. *Ostrich* 65(2): 167-173.
- Summers, R.W.** 2007. The origins of Purple Sandpipers wintering in Greenland. *Wader Study Group Bulletin* 112: 65-67.
- Summers, R.W.** 2009. Ageing and sexing the Purple Sandpiper *Calidris maritima*. *Wader Study Group Bulletin* 116(3): 1855-190.
- Summers, R.W. et al.** 1988. The biometrics and wintering area of Icelandic Purple Sandpipers. *Ringing & Migration* 9: 133-138.
- Summers, R.W. et al.** 1990. Tidal and sexual differences in the diet of Purple Sandpipers *Calidris maritima* in Scotland. *Bird Study* 37(3): 187-194.
- Summers, R.W. et al.** 1990. Wintering Purple Sandpipers *Calidris maritima* in Troms county, northern Norway. *Ornis Scandinavica* 21(4): 248-254.
- Summers, R.W. et al.** 1992. Seasonal, size- and age-related patterns in body-mass and composition of Purple Sandpipers *Calidris maritima* in Britain. *Ibis* 134(4): 346-354.
- Summers, R.W. et al.** 1998. How do Purple Sandpipers *Calidris maritima* survive the winter north of the Arctic circle? *Ardea* 86: 51-58.
- Summers, R.W. et al.** 2004. Timing and duration of moult in three populations of Purple Sandpipers *Calidris maritima* with different moult/migration patterns. *Ibis* 146(3): 394-403.
- Summers, R.W. et al.** 2009. Population structure, biometrics and moult of migrant Purple Sandpipers *Calidris maritima* in southwest Iceland in spring. *Bird Study* 56(3): 357-368.
- Sutton, G.M. & Parmelee, D.F.** 1955. The Purple Sandpiper in southern Baffin Island. *The Condor* 57(4): 216-220.
- Tomkovich, P.S.** 1985. Sketch of the Purple Sandpiper (*Calidris maritima*) biology on Franz Josef Land. *Ornitologiya* 20: 3-17.

## Rock Sandpiper

***Calidris ptilocnemis*** [Coues 1873, St George Island, Pribilof Islands].

[*C.p. ptilocnemis*] St Matthew Island, Hall Island & Pribilof Islands. Winters Alaskan peninsula.

[*C.p. couesii*] Aleutian Islands & Alaskan peninsula.

[*C.p. tschuktschorum*] E Chukotskiy peninsula, St Lawrence Island, Nunivak Island & W Alaska.

Winters NW North America and locally in E Japan.

[*C.p. quarta*] Kuril Islands, S Kamchatka & Commander Islands.

Treated by some as *Erolia ptilocnemis*.

Other names: Aleutian Sandpiper, Pribilof Sandpiper.

**Aversa, T.** 2001. Nominate Rock Sandpiper at Ocean Shores, Washington. *North American Birds* 55(2): 242-244.

**Boland, J.M.** 1990. Leapfrog Migration in North American Shorebirds: Intra- and Interspecific Examples. *The Condor* 92(2): 284-290.

**Collins, C.** 2012. Birding in the Russian Far East. *Birding World* 25(3): 108-123 (plate 8, p. 115).

**Cooper, D. & Cooper, J.** 2009. Rock Sandpiper and Purple Sandpiper. *Birding World* 22(3): 111-117.

**Fried, S.** 1989. The Great Chase – Attu's birders – as unusual as its birds. *Birder's World*. 3(3): 15-19.

**Johnson, M. & McCaffery, B.** 2004. Use of upland tundra habitats by Western and Rock Sandpipers during brood-rearing on the Yukon-Kuskokwim Delta, Alaska. *Wader Study Group Bulletin* 103: 36-39.

**Lehman, P.** 2006. Autumn Plumages from the Bering Sea Region, Alaska. *Birding* 38(5): 26-33 (29).

**Myers, J.P. et al.** 1982. Exotic *Calidris* species of the Siberian tundra. *Ornis Fennica* 59(4): 175-182.

- Pruett, C.L. & Winker, K.** 2005. Biological Impacts of Climatic Change on a Beringian Endemic: Cryptic Refugia in the Establishment and Differentiation of the Rock Sandpiper (*Calidris Ptilocnemis*). *Climatic Change* 68(1-2): 219-240.
- Ruthrauff, D. & Eskelin, T.** 2009. Observations of body-icing on Rock Sandpipers during winter in upper Cook Inlet, Alaska. *Wader Study Group Bulletin* 116(2): 88-90.
- Small, A.** 1959. Rock Sandpipers in southern California. *The Condor* 61(3): 225.
- Snyder, L.F.** 1996. Answers to the April Photo Quiz: Rock Sandpiper. *Birding XXVIII*(3): 235-236.
- Stewart, J.R. & Dalén, L.** 2008. Is the glacial refugium concept relevant for northern species? A comment on Pruett and Winker 2005. *Climatic Change* 86(1-2): 19-22.

## Baird's Sandpiper

- Calidris bairdii*** [Coues 1861, Great Slave Lake, Canada].  
Wrangel Island (Arctic Ocean) & Chukotskiy peninsula E across N Alaska & N Canada to Ellesmere Island, N Baffin Island & NW Greenland. Winters W & S South America.
- Spencer Fullerton Baird** (1823-1887), American zoologist, naturalist, ornithologist and ichthyologist who was the first curator at the Smithsonian Institution. He published over 1,000 papers during his lifetime.
- Alström, P. et al.** 1989. Die Bestimmung von Weißbürzel- *Calidris fuscicollis* und Bairdstrandläufer *C. bairdii* [Identification of White-rumped *Calidris fuscicollis* and Baird's Sandpiper *C. bairdii*]. *Limicola* 3(2): 49-61.
- Bauwens, L. & Bauwens, P.** 1982. Bairds Strandloper bij Huizen in augustus 1981 [Baird's Sandpiper near Huizen in August 1981]. *Dutch Birding* 4(1): 15-17.
- Bond, T.E.** 1978. Notes: Wing-bar of Baird's Sandpiper. *British Birds* 71(9): 417.
- British Ornithologists' Union** 1994. British Ornithologists' Union Records Committee: Twentieth Report (December 1993). *Ibis* 136: 253-255.
- Browne, P.W.P.** 1958. Notes: The field identification of Baird's and Semi-palmated Sandpipers. *British Birds* 51(2): 81.
- Callahan, D.** 2014. Migration: Long-haul wanderers. *Birdwatch* 266: 55-59 (57).
- Cox, C.** 2008. Identification of North American Peeps: A Different Approach to an Old Problem. *Birding* 40(4): 32-40.
- Dowdall, J.F.** 1989. Baird's Sandpiper at Kilcoole, Co. Wicklow, September 1988. *Irish East Coast Bird Report 1988* pp. 75-76.
- Finch, B.W.** 1986. Baird's Sandpiper (*Calidris bairdii*) at Kanosia Lagoon – First record for the New Guinea region. *Muruk* 1(3): 86-89.
- Fluke, W.G.** 1953. Notes: Baird's Sandpiper in Sussex and Kent. *British Birds* 46(8): 304-305.
- Gill, R.E. & Tomkovich, P.S.** 2004. Subarctic, alpine nesting by Baird's Sandpipers *Calidris bairdii*. *Wader Study Group Bulletin* 104: 39-50.
- Hanna, G.D.** 1916. Records of birds new to the Pribilof Islands including two new to North America. *The Auk* 33(4): 400-403 (401).
- Hough, J.** 1992. Prize Quizbird No. 17 solution: Baird's Sandpiper. *Birding World* 5(6): 238.
- Huggins, H.** 1978. Notes: Feeding action of Baird's Sandpiper. *British Birds* 71(9): 418.
- Hurley, E. & Hurley, C.** 2003. Baird's Sandpiper, Threipmuir Reservoir, Lothian, September 2003. *Birding Scotland* 6: 154-156.
- Karhu, H.** 2004. Chukotka North coast in summer 2002 - an international Arctic expedition. *Alula* 10(3): 106-119 (116).
- Laredo, C.D.** 1996. Observations on migratory and resident shorebirds in lakes in the highlands of north-western Argentina. *International Wader Studies* 8: 103-111 (105).
- Laux, E.V.** 1994. Mystery Sandpiper: Aberrant individual or possible Baird's Sandpiper x Buff-breasted Sandpiper? *Birding XXVI*(1): 66-68.
- Lundquist, T.** 2012. Barrow, Alaska in June. *Birding World* 25(8): 336-345 (plate 10, p. 341).
- Marchant, J.** 1985. Mystery photographs: juvenile Baird's Sandpiper. *British Birds* 78(11): 589-590.
- Mauer, K.A.** 1984. Alleged winter record of Baird's Sandpiper for the Netherlands. *Dutch Birding* 6(3): 108.
- Meeth, P.** 1981. Baird's Sandpiper in Senegal in December 1965. *Dutch Birding* 3(2): 51.
- Miller, E.H. et al.** 1988. Breeding Vocalizations of Baird's Sandpiper *Calidris bairdii* and Related Species, with Remarks on Phylogeny and Adaptation. *Ornis Scandinavica* 19(4): 257-267
- Moerbeek, D.J.** 1994. Bairds Strandloper bij Julianadorp in juli-augustus 1993 [Baird's Sandpiper at Julianadorp in July-August 1993]. *Dutch Birding* 16(1): 15-18.
- Myers, J.P. et al.** 1982. Exotic *Calidris* species of the Siberian tundra. *Ornis Fennica* 59(4): 175-182.



- Reid, M.L. & Montgomerie, R.D.** 1985. Seasonal patterns of nest defence by Baird's sandpipers. *Canadian Journal of Zoology* 63(9): 2207-2211.
- Roberts, O.** 2011. First record of Baird's Sandpiper *Calidris bairdii* for Cyprus. *Sandgrouse* 33(1): 44-45.
- Ruiz-Guerra, C. et al.** 2007. Noteworthy bird records from the southern Chocó of Colombia. *Bulletin of the British Ornithologist's Club* 127(4): 283-293 (287).
- Snell, R.G.T.** 1988. First record of Baird's Sandpiper in South Australia. *South Australian Ornithologist* 30(5): 118-119.
- Stoddart, A.** 2013. Identification: Dunlin, White-rumped and Baird's Sandpipers Photo Guide. *Birdwatch* 255: 37-42.
- van Bemmelen, R.S.A. et al.** 2007. Masters of Mystery – Solutions of sixth round 2006: Baird's Sandpiper. *Dutch Birding* 29(1): 36-38.
- Van Damme, L.M.** 2007. Current breeding status of the Baird's Sandpiper (*Calidris bairdii*) in British Columbia. *Wildlife Afeld* 4(2): 273-275.
- van IJzendoorn, E.J.** 1981. Bairds Strandloper op de Maasvlakte in September 1980 [Baird's Sandpiper on de Maasvlakte in September 1980]. *Dutch Birding* 3(2): 48-50.
- van IJzendoorn, E.J.** 1982. On plumage variation in juvenile Baird's Sandpiper. *Dutch Birding* 4(1): 28.
- van IJzendoorn, E.J.** 1982. Wintergeval van Bairds Strandloper voor Nederland [Winter record of Baird's Sandpiper for Netherlands]. *Dutch Birding* 4(3): 87-88.
- Vinicombe, K.** 2005. ID in depth: Baird's Sandpiper. *Birdwatch* 158: 34-36.
- Wassink, A.** 1983. Alleged winter record of Baird's Sandpiper for Netherlands. *Dutch Birding* 5(1): 25.
- Williamson, K. & Alexander, H.G.** 1957. The identification of Baird's and Semipalmated Sandpipers'. *British Birds* 50: 350-351.

## Little Stint

***Calidris minuta*** [Leisler 1812, Hanau am Main, Germany].

N Scandinavia E thru S Novaya Zemlya and NW & NC Siberia to New Siberian Islands & R Yana. Winters Mediterranean & Africa E thru Arabian peninsula & Persian Gulf E to Indian subcontinent & Myanmar.

- Anderson, R.C. & Baldock, M.** 2001. New records of birds from the Maldives, with notes on other species. *Forktail* 17: 67-73.
- Bakewell, D.N.** 1988. Little Stint (*Calidris minuta*) at Kuala Selangor, Sept 30 - Oct 1, 1987. *Enggang* 1(10): 9.
- Balch, L.** 1988. Curling Up With a Good (Bird) Book - Update on 53 'Aleutian' Species Covered in the National Geographic Society Field Guide. *Birding* XX(5): 290-303 (295-296).
- Barone, R. et al.** 2001. Observaciones ornitológicas en la Isla de Maio (Archipiélago de Cabo Verde), Octubre de 2000 [Ornithological observations on Maio Island, October 2000]. *Revista de la Academia Canaria de Ciencias* XII(3-4): 143-155 (148).
- Barthel, P.H.** 1993. Die Kleider des Zwergstrandläufers *Calidris minuta* und ihre Variationen [Plumages of Little Stint *Calidris minuta* and their variation]. *Limicola* 7(3): 109-129.
- Barthel, P.H.** 2007. Rätselvogel 120: Zwergstrandläufer *Calidris minuta* und Sumpfläufer *Limicola falcinellus* [Mystery Bird 120: Little Stint *Calidris minuta* and Broad-billed Sandpiper *Limicola falcinellus*]. *Limicola* 21(4): 298-303.
- Bengston, S-A. & Svensson, B.** 1998. Feeding Habits of *Calidris alpina* L. and *C. minuta* Leisl. (Aves) in Relation to the Distribution of Marine Shore Invertebrates. *Oikos* 19(1): 152-157.
- Blomqvist, S. & Lindstroem, Aa.** 1995. The spring migration of Sanderling *Calidris alba*, Little Stint *C. minuta* and Curlew Sandpiper *C. ferruginea* in Sweden. *Ornis Svecica* 5(2): 55-67.
- Bundy, G.** 1984. Notes: Little Stints feeding in flight. *British Birds* 77(4): 156.
- Campbell, O.** 2010. Juvenile Little Stint and Red-necked Stint: an identification refresher. *Birding World* 23(8): 351-354.
- Catley, G.P.** 1981. Notes: Little Stint holding territory on autumn migration. *British Birds* 74(12): 523.
- Chafer, C.J.** 1989. A Little Stint at Comerong Island. *Australian Birds* 22: 89-90.
- Cox, J.B.** 1988. Some South Australian records of the Little Stint. *South Australian Ornithologist* 30(5): 113-116.
- Crocker, T.C. et al.** 2002. First and second sightings of a little stint (*Calidris minuta*) in New Zealand. *Notornis* 49(3): 182-184.
- Curry, P.J. et al.** 1983. The first records of the Little Stint, White-rumped Sandpiper, Buff-breasted Sandpiper and Little Ringed Plover from south-western Australia. *The Stilt* 4: 6-12.

- Dean, W.R.J.** 1977. Moults of Little Stints in South Africa. *Ardea* 65: 73-79.
- Ebels, E.B.** 2002. Transatlantic vagrancy of Palearctic species to the Caribbean region. *Dutch Birding* 24(4): 202-209 (205).
- Eckert, C. & Sinclair, P.** 1997. Little Stint: a Yukon first at Judas Creek. *Birders Journal* 6(4): 183-185.
- Eds.** 2010. Frontispiece: Adult Little Stint, Tana Delta, Finnmark, Norway, June 2007 - picture by Hugh Harrop. *Birding World* 23(5): 177.
- Finch, B.W.** 1980. First record of Little Stint *Calidris minuta* for Papua New Guinea. *PNG Bird Society Newsletter* 163-164: 10-15.
- Finch, B.W.** 1983. Little Stint *Calidris minuta* at Aroa Lagoon C.P. Second record for the New Guinea region. *PNG Bird Society Newsletter* 201-202: 3-4.
- Fletcher, A.W.J. et al.** 1981. First Tasmanian records of the Long-toed Stint and Little Stint. *Tasmanian Bird Report* 10 pp. 28-35.
- Gale, S.W.** 1987. Notes: Little Stints defending territories on autumn migration. *British Birds* 80(8): 381.
- Golley, M. & Hough, J.** 1992. Black-legged Stints and Peeps. *Birdwatch* 1(4): 18-20.
- Grant, P.J.** 1986. Four problem stints: 1. Dungeness, Kent, 6th to 9th September 1965. *British Birds* 79(12): 609-621 (609-611).
- Grant, P.J.** 1986. Four problem stints: 2. Covenham Reservoir, Lincolnshire, 7th to 19th September 1974. *British Birds* 79(12): 609-621 (611-613).
- Hazevoet, C.J. et al.** 1996. Ornithological news from the Cape Verde Islands in 1995, including records of species new to the archipelago. *Bulletin Zoölogisch Museum* 15(3): 22-27 (23).
- Hildén, O.** 1978. Occurrence and breeding biology of the little stint *Calidris minuta* in Norway. *Anser* (suppl.3): 96-100.
- Hildén, O.** 1983. Mating system and breeding biology of the Little Stint *Calidris minuta*. *Wader Study Group Bulletin* 39: 47.
- Iliff, M.J. & Sullivan, B.L.** 2004. Little Stint *Calidris minuta* in North America and the Hawaiian Islands: a review of status and distribution. *North American Birds* 58(3): 318-323.
- Jones, C.W.** 1981. Letters: Bill-base feathering and apparent bill thickness of some waders. *British Birds* 74(2): 99.
- Jonsson, L. & Grant, P.J.** 1984. Identification of stints and peeps. *British Birds* 77(7): 293-315.
- Jonsson, L.** 1996. Mystery stint at Groote Keeten: first known hybrid between Little and Temminck's Stint? *Dutch Birding* 18(1): 24-28.
- Kaufman, K.** 1991. Answers to December Photo Quiz: alternate plumage Little Stint. *Birding XXIII*(1): 41-43.
- Kennerley, P.R.** 1987. Little Stint *Calidris minuta* at Tsim Bei Tsui. A new species for Hong Kong. *Hong Kong Bird Report* 1986 pp. 69-71.
- Kok, D. & van Duivendijk, N.** 1997. Masters of Mystery – Solutions of first round: first-winter Little Stint. *Dutch Birding* 19(3): 125-126.
- Kok, D. & van Duivendijk, N.** 2001. Masters of Mystery – Solutions of fifth and sixth round 2000: juvenile Red-necked Stint. *Dutch Birding* 23(1): 28-33.
- Kylänpää, J.** 2000. Birds of Dera Ismail Khan District of North West Frontier Province in Pakistan. *Forktail* 16: 15-28 (19).
- Lindström, Å.** 1998. Mass and morphometrics of Little Stints *Calidris minuta* on autumn migration along the Arctic coast of Eurasia. *Ibis* 140(1): 171-174.
- Middlemiss, E.** 1961. Biological aspects of *Calidris minuta* while wintering in south-west Cape. *Ostrich* 32(3): 107-121.
- Morris, P.I.** 1990. Notes: Freezing postures of Little Stints and Broad-billed Sandpiper. *British Birds* 83(10): 426.
- Morrison, R.I.G.** 1980. First specimen record of the Little Stint (*Calidris minuta*) for North America. *The Auk* 97(3): 627-628.
- Musgrove, A.J. et al.** 2011. Overwinter population estimates of British waterbirds. *British Birds* 104(7): 364-397 (387).
- Myers, J.P. & Greenberg, R.S.** 1978. Photographic record of the Little Stint (*Calidris minuta*) for mainland North America. *The Condor* 80: 451-452.
- Nightingale, T.** 1986. Notes: Little Stints feeding by hovering. *British Birds* 79(3): 136.
- Oddie, W.E. & Marr, B.A.E.** 1981. Notes: Identification of Semipalmated Sandpipers and Little Stints in autumn. *British Birds* 74(9): 396-398.
- Pearson, D.J.** 1984. The moult of the Little Stint *Calidris minuta* in the Kenyan rift valley. *Ibis* 126(1): 1-15.

- Pearson, D.J. et al.** 1970. Weights of some palaeartic waders wintering in Kenya. *Ibis* 112(2): 199-208.
- Pellow, K.** 1976. A Little Stint in Bermuda. *American Birds* 30: 918.
- Perry, P.** 1992. Notes: Feeding behaviour of Little Stints. *British Birds* 85(6): 309-310.
- Sacher, T.** 1999. Rätselvogel 74: Zwergstrandläufer *Calidris minuta* [Mystery Bird 74: Little Stint *Calidris minuta*]. *Limicola* 13(6): 322-323.
- Schekkerman, H. et al.** 1998. Growth of Little Stint *Calidris minuta* chicks on the Taimyr Peninsula, Siberia. *Bird Study* 45(1): 77-84.
- Stoddart, A.** 2011. Identification: Stints Part 1 - Little Stint and confusion species. *Birdwatch* 229: 25-29.
- Sutherland, W.J. & Brooks, D.J.** 1981. Notes: Territorial behaviour of Little Stints on spring migration. *British Birds* 74(12): 522-523.
- Tjørve, K.M.C. et al.** 2007. Growth and energetics of a small shorebird species in a cold environment: the little stint *Calidris minuta* on the Taimyr Peninsula, Siberia. *Journal of Avian Biology* 38(5): 552-563.
- Tomkovich, P.S. & Soloviev, M.Yu.** 1994. Site fidelity in High Arctic breeding waders. *Ostrich* 65(2): 174-180.
- Travis, R.** 1985. Notes: Feeding behaviour of Little Stint. *British Birds* 78(11): 595.
- Tulp, I. et al.** 2002. Body mass patterns of Little Stints at different latitudes during incubation and chick-rearing. *Ibis* 144: 122-134.
- van Bemmelen, R.S.A. & Groenendijk, D.** 2002. Masters of Mystery – Solutions of fifth round 2002: Little Stint. *Dutch Birding* 24(6): 360.
- Vanni, L.** 2005. Notes: Little Stints with aberrant leg coloration. *British Birds* 98(9): 497.
- Vinicombe, K.** 2004. Identification: How to tell Temminck's. *Birdwatch* 144: 38-39.
- Vinicombe, K.** 2005. ID in depth: Baird's Sandpiper. *Birdwatch* 158: 34-36.
- Vinicombe, K.** 2007. ID in depth: Semipalmated and Western Sandpipers. *Birdwatch* 182: 32-35.

### White-rumped Sandpiper

*Calidris fuscicollis* [Vieillot 1819, Paraguay].

NE Alaska & N Canada E to S Baffin Island. Winters CE Brazil S to Tierra del Fuego.

Other name: Bonaparte's Sandpiper.

**Prince Charles Lucien Bonaparte** (1803-1857), French ornithologist and diplomat who was nephew to Napoleon Bonaparte.

- Alfrey, P.** 2005. American vagrants on the Island of Corvo, Azores, in October 2005. *Birding World* 18(11): 465-474 (474).
- Alström, P. et al.** 1989. Die Bestimmung von Weißbürzel- *Calidris fuscicollis* und Bairdstrandläufer *C. bairdii* [Identification of White-rumped *Calidris fuscicollis* and Baird's Sandpiper *C. bairdii*]. *Limicola* 3(2): 49-61.
- Barthel, P.H.** 1989. Korrekturen zum Schlichtkleid von Weißbürzel-Strandläufer *Calidris fuscicollis* und Sumpfläufer *Limicola falcinellus* [Corrections concerning the winter plumage of White-rumped Sandpiper *Calidris fuscicollis* and Broad-billed Sandpiper *Limicola falcinellus*]. *Limicola* 3(6): 300-306.
- Barthel, P.H.** 2007. Rätselvogel 117: Weißbürzel-Strandläufer *Calidris fuscicollis* [Mystery Bird 117: White-rumped Sandpiper *Calidris fuscicollis*]. *Limicola* 21(1): 52-55.
- Beltzer, A.H.** 1991. Aspects of the foraging ecology of the waders *Tringa flavipes*, *Calidris fuscicollis* and *Charadrius collaris* (Aves: Scolopacidae; Charadriidae) in Del Cristal Pond (Santa Fe, Argentine). *Studies on Neotropical Fauna and Environment* 26: 65-73.
- Bergier, P. et al.** 2002. Rare birds in Morocco: report of the Moroccan Rare Birds Committee (1998-2000). *Bulletin of the African Bird Club* 9: 122-132.
- Botto, F. et al.** 1998. The effect of migratory shorebirds on the benthic species of three southwestern Atlantic Argentinean estuaries. *Estuaries* 21(4): 700-709.
- Browne, S.** 1997. The first White-rumped Sandpiper *Calidris fuscicollis* in Turkey and the Middle East. *Sandgrouse* 19(2): 146-147.
- Callahan, D.** 2014. Migration: Long-haul wanderers. *Birdwatch* 266: 55-59 (58).
- Campbell, O. & O'Mahony, D.** 2013. White-rumped Sandpiper *Calidris fuscicollis* in the United Arab Emirates: the first record for the Arabian peninsula. *Sandgrouse* 35(1): 36-39.
- Cantar, R.V. & Montgomerie, R.D.** 1985. The Influence of Weather on Incubation Scheduling of the White-Rumped Sandpiper (*Calidris fuscicollis*): A Uniparental Incubator in a Cold Environment. *Behaviour* 95(3-4): 261-289.

- Cartar, R.V. & Montgomerie, R.D.** 1987. Day-to-day variation in nest attentiveness of White-rumped Sandpipers. *The Condor* 89: 252-260.
- Chafer, C.J. & Smith, L.E.** 1987. A White-rumped Sandpiper at Windang, NSW. *Australian Birds* 22: 86-87.
- Cox, C.** 2008. Identification of North American Peeps: A Different Approach to an Old Problem. *Birding* 40(4): 32-40.
- Cox, J.B. & Lees, A.F.** 1990. A sighting of the White-rumped Sandpiper in South Australia. *South Australian Ornithologist* 31(1): 19-20.
- Curry, P.J. et al.** 1983. The first records of the Little Stint, White-rumped Sandpiper, Buff-breasted Sandpiper and Little Ringed Plover from south-western Australia. *The Stilt* 4: 6-12.
- de Bruin, A. & Dietzen, C.** 1995. Bonapartes Strandloper bij Holwerd in augustus 1994 [White-rumped Sandpiper near Holwerd in August 1994]. *Dutch Birding* 17(4): 148-151.
- de los Angeles Hernández, M. & Bala, L.O.** 2007. Prey selection and foraging patterns of the White-rumped Sandpiper (*Calidris fuscicollis*) at Península Valdés, Patagonia, Argentina. *Ornitología Neotropical* 18: 37-46.
- Eds.** 1997. Three-in-a-row Quizbird No. 7/3 solution: adult White-rumped Sandpiper. *Birding World* 10(4): 151.
- Fedders, H.** 2002. Rätselvogel 87: Weißbürzel-Strandläufer *Calidris fuscicollis* [Mystery Bird 87: White-rumped Sandpiper *Calidris fuscicollis*]. *Limicola* 16(1): 32-34.
- Geskus, R.B. & Holstein, A.** 1981. Bonapartes Strandloper te IJmuiden in October 1977 [White-rumped Sandpiper at IJmuiden in October 1977]. *Dutch Birding* 3(4): 115-116.
- Grønningsaeter, E.** 2005. White-rumped Sandpipers in Arctic Norway. *Birding World* 18(8): 349-350.
- Harrington, B.A. et al.** 1991. Migration and mass change of White-rumped Sandpipers in North and South America. *The Wilson Bulletin* 103(4): 621-636.
- Kapanen, M.** 1997. Photonews. *Alula* 3(1): 33.
- Kok, D. & van Duivendijk, N.** 2001. Masters of Mystery – Solutions of fourth round 2001: juvenile White-rumped Sandpiper. *Dutch Birding* 23(5): 292.
- Korczak-Abshire, M. et al.** 2011. Records of white-rumped sandpiper (*Calidris fuscicollis*) on the South Shetland Islands. *Polar Record* 47(3): 262-267.
- Kwater, E.** 1997. Answers to the October Photo Quiz: juvenile White-rumped Sandpiper. *Birding* XXIX(6): 500-501.
- McCaffery, B.J.** 1983. Breeding flight display in the female White-Rumped Sandpiper (*Calidris fuscicollis*). *The Auk* 100(2): 500-501.
- McLaughlin, K.A. & Wormington, A.** 2000. An apparent Dunlin x White-rumped Sandpiper hybrid. *Ontario Birds* 18(1): 8-12.
- Moore, C.C.** 1991. Transatlantic vagrancy of adult White-rumped Sandpipers in early autumn. *Dutch Birding* 13(4): 139-140.
- Montalti, D. et al.** 2003. Seeds in the diet of the White-rumped Sandpiper in Argentina. *Waterbirds* 26(2): 166-168.
- Mullarney, K.** 2001. Monthly Marathon Solution: White-rumped Sandpiper. *British Birds* 94(2): 97-98.
- Mullarney, K.** 2004. Monthly Marathon Solution: White-rumped Sandpiper. *British Birds* 97(5): 255-256.
- Prince, P.A. & Payne, M.R.** 1979. Current status of birds at South Georgia. *British Antarctic Survey Bulletin* 48: 103-118.
- Parmelee, D.F. et al.** 1968. Summer schedule and breeding biology of the White-rumped Sandpiper in the central Canadian arctic. *The Wilson Bulletin* 80(1): 5-29.
- Remsen Jr., J.V.** 1977. Five bird species new to Colombia. *The Auk* 94(2): 363.
- Rogers, M.J.** 1998. Notes: White-rumped Sandpipers in Britain and Ireland. *British Birds* 91(7): 283-285.
- Ruiz-Guerra, C. et al.** 2007. Noteworthy bird records from the southern Chocó of Colombia. *Bulletin of the British Ornithologist' Club* 127(4): 283-293 (287).
- Schenk, C.** 1999. Churchill. *Dutch Birding* 21(4): 198-204 (plate 213, p. 200).
- Siddle, C.** 2005. Migratory occurrence and status of select shorebirds in the vicinity of Fort St. John, British Columbia. *Wildlife Afield* 2(1): 3-7 (5).
- Silva, M.P. et al.** 1995. New records of Cattle Egret *Bubulcus ibis*, Black-necked Swan *Cygnus melanocoryphus* and White-rumped Sandpiper *Calidris fuscicollis* from the South Shetland Islands, Antarctica. *Marine Ornithology* 23: 65-66.
- Stoddart, A.** 2013. Identification: Dunlin, White-rumped and Baird's Sandpipers Photo Guide. *Birdwatch* 255: 37-42.

- Stoddart, A.** 2015. Identification: Dunlin, Curlew Sandpiper and White-rumped Sandpiper Photo Guide. *Birdwatch* 278: 45-52.
- van der Have, T.** 1988. Mystery photographs: adult summer White-rumped Sandpiper. *Dutch Birding* 10(2): 81-82.
- Vinicombe, K.** 2005. ID in depth: Baird's Sandpiper. *Birdwatch* 158: 34-36.
- Weber, C.** 1989. Ein Weißbürzel-Strandläufer *Calidris fuscicollis* in Niedersachsen [A White-rumped Sandpiper *Calidris fuscicollis* in Lower Saxony]. *Limicola* 3(2): 61-64.
- Wennerberg, L. et al.** 2002. Geographical variation and population structure in the White-rumped Sandpiper *Calidris fuscicollis* as shown by morphology, mitochondrial DNA and carbon isotope ratios. *Oecologia* 131(3): 380-390.

## Least Sandpiper

- Calidris minutilla*** [Vieillot 1819, Halifax, Nova Scotia].  
Alaska E thru NW & NC Canada to Quebec, Newfoundland & Nova Scotia. Winters S USA thru Central America & West Indies to N Chile & CE Brazil.  
1st WP Record: 5th June 1847. Helsinki, Finland. Shot (BWP 3).
- Adriaens, P. & Bekaert, L.** 1997. Kleinste Strandloper te Gent in augustus 1996 [Least Sandpiper at Gent in August 1996]. *Dutch Birding* 19(5): 217-221.
- Burns, J.G. & Ydenberg, R.C.** 2002. The effects of wing loading and gender on the escape flights of least sandpipers (*Calidris minutilla*) and western sandpipers (*Calidris mauri*). *Behavioral Ecology and Sociobiology* 52(2): 128-136.
- Butler, R.W. & Lemon, M.J.F.** 2001. Trends in abundance of Western and Least Sandpipers migrating through southern British Columbia. *Bird Trends* 8: 36-39.
- Cooper, J.M. & Miller, E.H.** 1992. Brood amalgamation and alloparental care in the Least Sandpiper, *Calidris minutilla*. *Canadian Journal of Zoology* 70(2): 403-405.
- Cox, C.** 2008. Identification of North American Peeps: A Different Approach to an Old Problem. *Birding* 40(4): 32-40.
- Crozariol, M.A.** 2009. Primeiro registro do maçariquinho *Calidris minutilla* (Vieillot, 1819) (Scolopacidae) para o Estado de São Paulo [First record of Least Sandpiper, *Calidris minutilla* (Vieillot, 1819) (Scolopacidae) to São Paulo State]. *Revista Brasileira de Ornitologia* 17(2): 139-140.
- Doherty, P.** 1991. Identification of juvenile Long-toed Stint and Least Sandpiper. *Birding World* 4(8): 279-281.
- Eds.** 1995. Quizbird No. 47 solution: Least Sandpiper. *Birding World* 7(12): 477.
- Eds.** 1997. Quizbird No. 74 solution: juvenile Least Sandpiper. *Birding World* 10(3): 113.
- Eds.** 2010. Frontispiece: Summer plumage Least Sandpiper, Santa Monica, California, USA, August 2010 - picture by Martyn Brewer. *Birding World* 23(10): 409.
- Fleming, S.** 1985. Least Sandpiper *Tringa minutilla* Ballycotton, Co. Cork. *Cork Bird Report 1984* pp. 58.
- Golley, M.A.** 1990. Notes: Least Sandpiper feeding by hovering. *British Birds* 83(11): 502-503.
- Grant, P.J.** 1985. Mystery photographs: Least Sandpiper. *British Birds* 78(12): 657-659.
- Hanna, G.D.** 1916. Records of birds new to the Pribilof Islands including two new to North America. *The Auk* 33(4): 400-403 (401).
- Harris, C.** 2011. Reports: A strange stint. *Birdwatch* 229: 58.
- Hazevoet, C.J.** 1997. Notes on distribution, conservation, and taxonomy of birds from the Cape Verde Islands, including records of six species new to the archipelago. *Bulletin Zoölogisch Museum* 15(13): 89-100 (96).
- Jehl Jr., J.R.** 1970. Sexual Selection for Size Differences in Two Species of Sandpipers. *Evolution* 24(2): 311-319.
- Jonsson, L. & Grant, P.J.** 1984. Identification of stints and peeps. *British Birds* 77(7): 293-315.
- Jonsson, L.** 1996. Mystery stint at Groote Keeten: first known hybrid between Little and Temminck's Stint? *Dutch Birding* 18(1): 24-28.
- Langman, M.** 2005. Old fashioned field notes saves the day. Least Sandpiper: Devon, 28 August-7 September 2005. *Birdwatch* 160: 58.
- Leonard, P.** 1990. A Purple Patch at Ballycotton, August 1988. *Cork Bird Report 1989* pp. 79-84.
- Miller, E.H.** 1979. Egg Size in the Least Sandpiper *Calidris minutilla* on Sable Island, Nova Scotia, Canada. *Ornis Scandinavica* 10(1): 10-16.
- Miller, E.H.** 1979. Functions of display flights by males of the least sandpiper, *Calidris minutilla* (Vieill.), on Sable Island, Nova Scotia. *Canadian Journal of Zoology* 57(4): 876-893.

- Miller, E.H.** 1983. Habitat and breeding cycle of the Least Sandpiper (*Calidris minutilla*) on Sable Island, Nova Scotia. *Canadian Journal of Zoology* 61(12): 2880-2898.
- Miller, E.H.** 1983. Structure of Display Flights in the Least Sandpiper. *The Condor* 85(2): 220-242.
- Miller, E.H.** 1985. Parental behavior in the Least Sandpiper (*Calidris minutilla*). *Canadian Journal of Zoology* 63: 1593-1601.
- Miller, E.H.** 1986. Components of Variation in Nuptial Calls of the Least Sandpiper (*Calidris Minutilla*; Aves, Scolopacidae). *Systematic Biology* 35(3): 400-413.
- Repenning, R.** 1977. Great Egret preys on sandpiper. *The Auk* 94(1): 171.
- Rooke, S.** 2002. Monthly Marathon Solution: spring adult Least Sandpiper. *British Birds* 95(1): 35-36.
- Spaans, A.L.** 1976. Molt of Flight and Tail Feathers of the Least Sandpiper in Surinam, South America. *Bird Banding* 47(4): 359-364.
- Stoddart, A.** 2011. Identification: Stints Part 2 - Temminck's and Long-toed Stints and Least Sandpiper. *Birdwatch* 230: 57-60.
- ter Haar, G.J.** 1986. Mystery photograph: Least Sandpiper. *Dutch Birding* 8(4): 139-140.
- van Bemmelen, R.S.A. et al.** 2007. Masters of Mystery – Solutions of fifth round 2007: Least Sandpiper. *Dutch Birding* 29(6): 375-376.
- Whitehouse, S.** 1988. Least Sandpiper in Worcestershire. *Birding World* 1(8): 286.

### **Buff-breasted Sandpiper**

*Calidris subruficollis* [Vieillot 1819, Paraguay].

Wrangel Island & Ayon Island E to R Ekyvatan & N coast of Chukotskiy peninsula (far-eastern Siberia) and vicinity of Barrow (N Alaska) E to Boothia peninsula and irregularly N to Devon Island. Winters SE Bolivia, Paraguay & S Brazil to Uruguay & NE Argentina. Treated by del Hoyo *et al.* 1996 as *Tryngites subruficollis*.

- Beser, M.** 1986. Blonde Ruiter op Texel in september 1985 [Buff-breasted Sandpiper on Texel in September 1985]. *Dutch Birding* 8(3): 101-102.
- Campbell, R.W. & Gregory, P.T.** 1976. The Buff-breasted Sandpiper in British Columbia, with notes on its migration in North America. *Syesis* 9: 123-130.
- Cartar, R.V. & Lyon, B.E.** 1988. The mating system of the Buff-breasted Sandpiper: Lekking and resource defence polygyny. *Ornis Scandinavica* 19: 74-76.
- del-Nevo, A.** 1984. Notes: Non-buff Buff-breasted Sandpipers. *British Birds* 77(8): 358.
- Dirks, E.M.E.** 2014. Rare waders on Aruba: Buff-breasted Sandpipers in October 2010 and Upland Sandpiper in October 2011. *Dutch Birding* 36(2): 120-121.
- Driessens, G. & van Rossum, R.** 1988. Blonde Ruiters in België en Nederland in zomer van 1986 [Buff-breasted Sandpipers in Belgium and the Netherlands in summer of 1986]. *Dutch Birding* 10(1): 27-29.
- Eds.** 2005. Photo Salon - Autumn Alaska: The Bering Sea and Aleutian Islands. *North American Birds* 59(1): 184-187 (184).
- Forster, R.A.** 1991. Where to look for the Buff-breasted Sandpiper. *Bird Observer* 19: 199-201.
- Jorgensen, J.G. et al.** 2007. Landscape and habitat variables affecting Buff-breasted Sandpiper *Tryngites subruficollis* distribution during migratory stopover in the Rainwater Basin, Nebraska, USA. *Wader Study Group Bulletin* 112: 45-51.
- Knolle, P. & Balten, B.** 1993. Blonde Ruiter in Lauwersmeer in juni 1993 [Buff-breasted Sandpiper at Lauwersmeer in June 1993]. *Dutch Birding* 15(5): 218-220.
- Lanctot, R.B. & Weatherhead, P.J.** 1997. Ephemeral lekking behavior in the buff-breasted sandpiper, *Tryngites subruficollis*. *Behavioral Ecology* 8(3): 268-278.
- Lanctot, R.B.** 1994. Blood Sampling in Juvenile Buff-Breasted Sandpipers: Movement, Mass Change and Survival. *Journal of Field Ornithology* 65(4): 534-542.
- Lanctot, R.B. et al.** 1998. Male traits, mating tactics and reproductive success in the buff-breasted sandpiper, *Tryngites subruficollis*. *Animal Behaviour* 56(2): 419-432.
- Lanctot, R.B. et al.** 2004. Assessing habitat availability and use by Buff-breasted Sandpipers (*Tryngites subruficollis*) wintering in South America. *Ornitologia Neotropical* 15(suppl.): 367-376.
- Laredo, C.D.** 1996. Observations on migratory and resident shorebirds in lakes in the highlands of north-western Argentina. *International Wader Studies* 8: 103-111 (106).
- Paulson, D.R. & Erckmann, W.J.** 1985. Buff-Breasted Sandpipers nesting in association with Black-bellied Plovers. *The Condor* 87(3): 429-430.
- Robbins, M.B.** 2007. Buff-breasted Sandpiper (*Tryngites subruficollis*) fall migration at sod farms in Kansas. *Kansas Ornithological Society Bulletin* 58: 25-28.

- Ruiz-Guerra, C. et al.** 2007. Noteworthy bird records from the southern Chocó of Colombia. *Bulletin of the British Ornithologist' Club* 127(4): 283-293 (287).
- Thompson, M.C. & DeLong, R.L.** 1969. Birds new to North America and the Pribilof Islands, Alaska. *The Auk* 86(4): 747-749 (748).
- Vinicombe, K.** 1983. Identification pitfalls and assessment problems 4, Buff-breasted Sandpiper. *British Birds* 76(5): 203-206.

## **Pectoral Sandpiper**

***Calidris melanotos*** [Vieillot 1819, Paraguay].

Taymyr E thru Chukotskiy peninsula (far-eastern Siberia) to W & N Alaska, NC Canada & W Hudson Bay. Winters S Bolivia, Paraguay & Argentina and SE Australia, Tasmania & New Zealand.

- Bagnarol, M. et al.** 2010. Feeding biology of Pectoral Sandpiper *Calidris melanotos* (Birds: Scolopacidae) in the floodplain of the Paraná River, Argentina. *Natura Neotropicalis* 41(1-2): 5-17.
- Bakewell, D.N.** 2007. A record of Pectoral Sandpiper *Calidris melanotos* at Palau Burung landfill site, Palau Pinang, 12 September 2007. *Suara Enggang* 15(5): 11-13.
- Beckon, W.N.** 1990. First record of the Pectoral Sandpiper in Fiji. *Notornis* 37(2): 106.
- Beichle, U.** 2001. Pacific Golden Plovers *Pluvialis fulva* and other waders on the Samoan Islands: Wintering in a changing Polynesian landscape. *Wader Study Group Bulletin* 96: 40-46 (42).
- Bell, J.** 2008. Letters: Another displaying Pectoral Sandpiper. *Birding World* 21(1): 26.
- Britton, D.** 1981. Mystery photographs: Pectoral Sandpiper. *British Birds* 74(8): 344-345.
- Chandler, R.** 2002. PhotoSpot: Rhynchokinesis in waders. *British Birds* 95(8): 395-397.
- Colenutt, S. & Mills, M.S.L.** 2009. First record of Pectoral Sandpiper *Calidris melanotos* for Cameroon. *Bulletin of the African Bird Club* 16(2): 219.
- Collins, D. & Clarke, T.** 1996. Birding in the Canary Islands. *Birding World* 9(6): 228-241 (236).
- Cresswell, W. et al.** 2004. The energetic costs of egg heating constrain incubation attendance but do not determine daily energy expenditure in the pectoral sandpiper. *Behavioral Ecology* 15(3): 498-507.
- Crouzier, P.** 1999. Première mention hivernale du Bécasseau tacheté (*Calidris melanotos*) en France [Winter record of Pectoral Sandpiper in eastern France]. *Ornithos* 16(2): 148-149.
- Dean, A.R.** 1982. Notes: Supercilium pattern of immature Pectoral Sandpiper. *British Birds* 75(3): 127.
- Dean, A.R.** 1985. Mystery photographs: Pectoral Sandpiper. *British Birds* 78(6): 281-282.
- Dierschke, J. & Buckell, S.** 2012. Waders of the Anadyr region, Chukotka, Russia. *Birding World* 25(3): 124-129 (plate 3, p. 126).
- Estelle, V.B. et al.** 1996. Effectiveness of Predator Exclosures for Pectoral Sandpiper Nests in Alaska. *Journal of Field Ornithology* 67(3): 447-452.
- Farmer, A.H. & Wiens, J.A.** 1999. Models and reality: time-energy trade-offs in Pectoral Sandpiper (*Calidris melanotos*) migration. *Ecology* 80(8): 2566-2580.
- Gantlett, S. & Grant, P.** 1989. The Saltholme Sandpiper. *Birding World* 2(10): 357-360.
- Garrod, J.D.** 1991. Notes: Pectoral Sandpiper's reaction when alarmed. *British Birds* 84(6): 222.
- Grønningaeter, E.** 2007. Displaying Pectoral Sandpipers in Spitsbergen. *Birding World* 20(8): 334-335.
- Hamilton, W.J.** 1959. Aggressive behavior in migrant Pectoral Sandpipers. *The Condor* 61(3): 161-179.
- Harrop, A.H.J.** 1985. Notes: Swallows mobbing Pectoral Sandpiper. *British Birds* 78(12): 667.
- Harrop, H.** 1993. Identification of Sharp-tailed Sandpiper and Pectoral Sandpiper. *Birding World* 6(6): 230-238.
- Hicks, R.** 2000. Pectoral Sandpiper (*Calidris melanotos*) on New Britain. *Muruk* 8(2): 91.
- Hill, P.** 1998. Answers to the April Photo Quiz: juvenal Pectoral Sandpiper. *Birding XXX*(3): 228-230.
- Hjort, C.** 2005. Letters: Siberian Pectoral Sandpipers seen migrating towards the southwest. *British Birds* 98(5): 261.
- Kaufman, K.** 1989. Photo Quiz - Answers to October Quiz: juvenal Pectoral Sandpiper. *Birding XXI*(3): 162-163.
- Laredo, C.D.** 1996. Observations on migratory and resident shorebirds in lakes in the highlands of north-western Argentina. *International Wader Studies* 8: 103-111 (106).
- Lees, A.C. & Gilroy, J.J.** 2004. Pectoral Sandpipers in Europe: vagrancy patterns and the influx of 2003. *British Birds* 97(12): 638-646.
- Lundquist, T.** 2012. Barrow, Alaska in June. *Birding World* 25(8): 336-345 (plate 12, p. 342).
- Luoto, H.** 2005. Letters: Pectoral Sandpipers in Finland. *British Birds* 98(3): 155.

- Meek, E.R.** 2008. Two bird records of note in Galapagos in May 2006. *Galapagos Research* 65: 15.
- Meeus, H.** 1979. Amerikaanse Gestreepte Strandloper *Calidris melanotos* in België [Pectoral Sandpiper *Calidris melanotos* in Belgium]. *Dutch Birding* 1(4): 107-108.
- Melville, D.S.** 1987. Three species new to Hong Kong and (eastern) China. *Hong Kong Bird Report 1986* pp. 58-68 (63-66).
- Miskelly, C.M. et al.** 2006. Additions to the Chatham Islands' bird list, with further records of vagrant and colonising bird species. *Notornis* 53: 215-230 (222).
- Myers, J.P.** 1982. The promiscuous Pectoral Sandpiper. *American Birds* 36(2): 119-122.
- Nikander, P.J.** 2001. Oman. *Alula* 7(3): 114-121 (120).
- Pitelka, F.A.** 1959. Numbers, breeding schedule, and territoriality in Pectoral Sandpipers of northern Alaska. *The Condor* 61(4): 233-264.
- Reid, J.M. et al.** 2002. Nest scrape design and clutch heat loss in Pectoral Sandpipers (*Calidris melanotos*). *Functional Ecology* 16(3): 305-312.
- Schenk, C. & Ebels, E.B.** 2004. Birds of Chukotka and Yakutia. *Dutch Birding* 26(4): 241-257 (plate 359, p. 249).
- Schepers, F. et al.** 1991. Pectoral Sandpiper in Egypt in May 1990. *Dutch Birding* 13(3): 95.
- Siddle, C.** 2005. Migratory occurrence and status of select shorebirds in the vicinity of Fort St. John, British Columbia. *Wildlife Afield* 2(1): 3-7 (5).
- Stoddart, A.** 2013. Identification: Ruff, Pectoral and Sharp-tailed Sandpipers Photo Guide. *Birdwatch* 253: 37-42.
- Tetley, H.** 1935. Notes: American Pectoral Sandpiper in Somerset. *British Birds* 29(6): 183-185.
- Undeland, P. & Sangha, H.S.** 2002. Pectoral Sandpiper *Calidris melanotos*: a new species for the Indian subcontinent. *Forktail* 18: 157.
- Valcu, M.** 2014. Tracking Pectoral Sandpipers with 5g Solar PTTs. *Tracker News - Microwave Telemetry Inc.* 15(1): 2.
- van den Bergh, M.** 2013. New and notable bird records for Burkina Faso. *Malimbus* 35: 57-65 (60-63).
- VanderWerf, E.A.** 2006. Observations on the birds of Kwajalein Atoll, including six new species records for the Marshall Islands. *Micronesica* 38(2): 221-237.
- Wassink, A.** 2013. Birds of Kazakhstan: new and interesting data, part 4. *Dutch Birding* 35(1): 30 - 34 (31).
- Wiles, G.J. et al.** 2004. New and Noteworthy Bird Records for Micronesia, 1986–2003. *Micronesica* 37(1): 69-96.
- Wraithmell, A.** 2005. Autumn migration at Cape May. *Alula* 11(4): 172-179 (175).

## Western Sandpiper

***Calidris mauri*** [Cabanis 1857, South Carolina].

E Chukotskiy peninsula (far-eastern Siberia) and W & N Alaska. Winters Pacific coast from N California S to N Peru and locally Atlantic coast from S New Jersey thru the Gulf of Mexico & West Indies to Surinam.

**Ernesto Mauri** (1791-1836), Italian botanist and mycologist.

1st WP Record: [adult] 16th August 1969. Tresco, Isles of Scilly, England. R.F. Coomber, D.B. Hunt & P.Z. Mackenzie (Rogers & BBRC 1985). Several earlier claims are no longer accepted including a bird from 1956, known as the 'Fair Isle Sandpiper', an individual that was subsequently accepted as a Semipalmated Sandpiper by the BOURC.

**Andrews, I.** 1997. The Western Sandpiper in Lothian. *Birding World* 10(8): 302-304.

**Andrews, I.J.** 1998. Western Sandpiper at Musselburgh, August 1997. *Lothian Bird Report 1997* pp. 103-106.

**Ashmole, M.J.** 1970. Feeding of Western and Semipalmated Sandpipers in Peruvian Winter Quarters. *The Auk* 87(1): 131-135.

**Breen, D.** 2008. Always take another look. Western Sandpiper: Omev Island, Galway, 13 September 2008. *Birdwatch* 197: 60-61.

**British Ornithologists' Union** 2007. British Ornithologists' Union Records Committee: 34th Report (October 2006). *Ibis* 149: 194-197.

**British Ornithologists' Union** 2007. British Ornithologists' Union Records Committee: 35th Report (April 2007). *Ibis* 149: 652-654.

**Buchanan, J.B.** 1988. The abundance and migration of shorebirds at two Puget Sound estuaries. *Western Birds* 19: 69-78 (71).



- Burns, J.G. & Ydenberg, R.C.** 2002. The effects of wing loading and gender on the escape flights of least sandpipers (*Calidris minutilla*) and western sandpipers (*Calidris mauri*). *Behavioral Ecology and Sociobiology* 52(2): 128-136.
- Butler, R.W. & Lemon, M.J.F.** 2001. Trends in abundance of Western and Least Sandpipers migrating through southern British Columbia. *Bird Trends* 8: 36-39.
- Butler, R.W. et al.** 1987. Migration chronology, length of stay, sex ratio, and weight of Western Sandpipers, (*Calidris mauri*) on the south coast of British Columbia. *Journal of Field Ornithology* 58(2): 103-111.
- Butler, R.W. et al.** 1997. Wind assistance: A requirement for migration of shorebirds? *The Auk* 114(3): 456-466.
- Callahan, D.** 2014. Migration: Long-haul wanderers. *Birdwatch* 266: 55-59 (58).
- Campbell, R.W. et al.** 2010. Migrant Western Sandpipers Entangled on Barbed Wire Fences at Boundary Bay, British Columbia. *Wildlife Afield* 7(2): 284-288.
- Catley, G.P.** 1989. Letters: The Felixstowe stint. *British Birds* 82(8): 375-317.
- Chandler, R.J.** 1988. Mystery photographs: Western Sandpiper. *British Birds* 81(10): 491-493.
- Conlin, A.** 2012. Great north Western. Western Sandpiper: 19 September 2012. *Birdwatch* 245: 62.
- Cox, C.** 2008. Identification of North American Peeps: A Different Approach to an Old Problem. *Birding* 40(4): 32-40.
- Dierschke, J. & Buckell, S.** 2012. Waders of the Anadyr region, Chukotka, Russia. *Birding World* 25(3): 124-129 (plate 1, p. 125).
- Eds.** 1994. Special 3-in-a-row Quizbird No. 2 solution: Dunlin. *Birding World* 7(3): 114-115.
- Elner, R.W. et al.** 2005. Evidence of a new feeding mode in western sandpiper (*Calidris mauri*) and dunlin (*Calidris alpina*) based on bill and tongue morphology and ultrastructure. *Marine Biology* 146(6): 1223-1234.
- Erterius, D. & Millington, R.** 2012. Ageing of first-summer Western Sandpiper. *Birding World* 25(7): 285-286.
- Garner, M.** 1989. Letters: The Felixstowe stint. *British Birds* 82(8): 378.
- Garner, M.** 2005. The Fair Isle sandpiper: a review. *British Birds* 98(7): 356-364.
- Golley, M. & Hough, J.** 1992. Black-legged Stints and Peeps. *Birdwatch* 1(4): 18-20.
- Golley, M.** 2012. The Western Sandpiper in Norfolk. *Birding World* 24(12): 502-509.
- Grant, P.J.** 1986. Four problem stints: 4. Felixstowe, Suffolk, 30th October 1982 to at least 16th April 1983. *British Birds* 79(12): 609-621 (617-621).
- Gustafson, M.** 1994. Answers to the December Photo Quiz: Western Sandpiper. *Birding* XXVI(2): 129-130.
- Harrap, S.** 1989. Letters: The Felixstowe stint. *British Birds* 82(8): 378-380.
- Holmes, R.T.** 1971. Density, habitat, and the mating system of the Western Sandpiper (*Calidris mauri*). *Oecologia* 7(2): 191-208.
- Holmes, R.T.** 1972. Ecological Factors Influencing the Breeding Season Schedule of Western Sandpipers (*Calidris mauri*) in Subarctic Alaska. *American Midland Naturalist* 87(2): 472-491.
- Holmes, R.T.** 1973. Social behaviour of breeding Western Sandpipers (*Calidris mauri*). *Ibis* 115: 107-123.
- Iverson, G.C. et al.** 1996. Spring migration of Western Sandpipers along the Pacific coast of North America: a telemetry study. *The Condor* 98: 10-21.
- Johnson, M. & McCaffery, B.** 2004. Use of upland tundra habitats by Western and Rock Sandpipers during brood-rearing on the Yukon-Kuskokwim Delta, Alaska. *Wader Study Group Bulletin* 103: 36-39.
- Johnson, M. et al.** 2010. Apparent survival of breeding Western Sandpipers on the Yukon-Kuskokwim River Delta, Alaska. *The Wilson Journal of Ornithology* 122(1): 15-22.
- Jonsson, L. & Grant, P.J.** 1984. Identification of stints and peeps. *British Birds* 77(7): 293-315.
- Karhu, H.** 2004. Chukotka North coast in summer 2002 - an international Arctic expedition. *Alula* 10(3): 106-119 (108).
- Lidster, J.** 2004. The Western Sandpiper in Dorset. *Birding World* 17(10): 429-431.
- McGeehan, A.** 1991. Quizbird no. 2 solution: Semipalmated Sandpiper. *Irish Birding News* 2(1): 37-41.
- McGeehan, A.** 1992. Birding from the hip: Twitchers are human too. *Birdwatch* 1(6): 32.
- Millington, R. & Vinicombe, K.** 1992. The New Approach in action: Felixstowe '82 revisited. *Birding World* 5(11): 433-437.
- Mullarney, K.** 1992. The Western Sandpiper in County Wexford. *Birding World* 5(9): 341-343.
- Mullarney, K.** 1994. Review of previously accepted Irish records of Western Sandpiper. *Irish Birds* 5(2): 201-202.

- Mullarney, K.** 1994. Western Sandpiper in County Wexford - a species new to Ireland. *Irish Birds* 5(2): 199-201.
- Mullarney, K.** 2001. Monthly Marathon Solution: 1st year Western Sandpiper. *British Birds* 94(11): 549-550.
- Myers, J.P. et al.** 1982. Exotic *Calidris* species of the Siberian tundra. *Ornis Fennica* 59(4): 175-182.
- Nebel, S. et al.** 2002. Western Sandpipers (*Calidris mauri*) during the nonbreeding season: spatial segregation on a hemispheric scale. *The Auk* 119(4): 922-928.
- Nisbit, I.C.T.** 1963. Western Sandpiper on Fair Isle, Shetland (1956). *British Birds* 56(2): 55-58.
- Nisbit, I.C.T.** Western Sandpiper on Fair Isle, pp. 87-89. Found in: **Sharrock, J.T.R. & Grant, P.J.** 1982. *Birds new to Britain and Ireland*. T. & A.D. Poyser.
- Pomeroy, A.C.** 2006. Tradeoffs between food abundance and predation danger in spatial usage of a stopover site by western sandpipers, *Calidris mauri*. *Oikos* 112(3): 629-637.
- Prowse, A.D.** 2006. Letters: Identification of the Fair Isle sandpiper - a statistical analysis. *British Birds* 99(3): 149-151.
- Rogers, M.J. & BBRC** 1985. Report on rare birds in Great Britain in 1984. *British Birds* 78(11): 546.
- Rowlands, A.** 2012. The Carl Zeiss Award: First-winter Western Sandpiper, Cley, Norfolk, January 2012. *British Birds* 105(8): 474-478.
- Rylands, K. & Lakin, I.** 2009. Best Western. Putative Western Sandpiper: Dawlish Warren, Devon, 8 April-29 May 2009. *Birdwatch* 205: 61.
- Sandercock, B.K.** 1998. Assortative mating and sexual size dimorphism in Western and Semipalmated Sandpipers. *The Auk* 115(3): 786-791.
- Stoddart, A.** 2011. Identification: Stints Part 1 - Little Stint and confusion species. *Birdwatch* 229: 25-29.
- Stoddart, A.** 2012. Best Western. Western Sandpiper: Cley Marshes NWT, Norfolk, from 28 November. *Birdwatch* 235: 71.
- Swash, A.** 1989. Letters: The Madeiran peep. *Birding World* 2(9): 330-331.
- van Bemmelen, R.S.A. & Groenendijk, D.** 2002. Masters of Mystery – Solutions of first round 2002: Western Sandpiper. *Dutch Birding* 24(2): 98.
- Vinicombe, K.** 2007. ID in depth: Semipalmated and Western Sandpipers. *Birdwatch* 182: 32-35.
- Walsh, T.** 2006. Letters: The Fair Isle sandpiper. *British Birds* 99(1): 46.
- Warnock, S.E. & Takekawa, J.Y.** 1996. Wintering site fidelity and movement patterns of Western Sandpipers *Calidris mauri* in the San Francisco Bay estuary. *Ibis* 138(2): 160-167.
- Williams, C.** 2004. Brownsea's treat. Western Sandpiper: Dorset, 29 September-October 2004. *Birdwatch* 149: 50.
- Williamson, K. & Alexander, H.G.** 1957. Semipalmated Sandpiper at Fair Isle: a bird new to Scotland. *Scottish Naturalist* 69: 145-147.

## Semipalmated Sandpiper

***Calidris pusilla*** [Linnaeus 1766, Santo Domingo].

W & N Alaska and N Canada. Winters Pacific coast from S Mexico S to S Peru and from Yucatán (Mexico) & West Indies S to C Argentina.

1st WP Record: 15th September 1930. Lampaul-Ploudalmézeau, Finistère, France. Killed (BWP 3).

- Ashkenazie, S. & Safriel, U.N.** 1979. Breeding cycle and behavior of the Semipalmated Sandpiper at Barrow, Alaska. *The Auk* 96(1): 56-67.
- Ashkenazie, S. & Safriel, U.N.** 1979. Time-energy budget of the Semipalmated Sandpiper *Calidris pusilla* at Barrow, Alaska. *Ecology* 60: 783-799.
- Ashmole, M.J.** 1970. Feeding of Western and Semipalmated Sandpipers in Peruvian Winter Quarters. *The Auk* 87(1): 131-135.
- Azevedo, S.M. & Larrazabal, M.E.** 1999. Captura e anilhamento de *Calidris pusilla* (Scolopacidae) na costa de Pernambuco [Capture and ringing of *Calidris pusilla* (Scolopacidae) on the coast of Pernambuco]. *Ararajuba* 7(2): 63-69.
- Bergier, P. et al.** 2002. Rare birds in Morocco: report of the Moroccan Rare Birds Committee (1998-2000). *Bulletin of the African Bird Club* 9: 122-132.
- Berlijn, M. et al.** 1997. Grijze Strandloper bij Lepelaarsplassen in juli 1996 [Semipalmated Sandpiper at Lepelaarsplassen in July 1996]. *Dutch Birding* 19(4): 185-187.
- Browne, P.W.P.** 1958. Notes: The field identification of Baird's and Semi-palmated Sandpipers. *British Birds* 51(2): 81.

- Boates, J.S. & Smith, P.C.** 1989. Crawling behaviour of the amphipod *Corophium volutator* and foraging by Semipalmated Sandpipers, *Calidris pusilla*. *Canadian Journal of Zoology* 67(2): 457-462.
- Catley, G.P.** 1989. Letters: The Felixstowe stint. *British Birds* 82(8): 375-317.
- Chandler, R.** 2002. PhotoSpot: Rhynchokinesis in waders. *British Birds* 95(8): 395-397.
- Chandler, R.J.** 1990. Mystery photographs: juvenile Semipalmated Sandpiper. *British Birds* 83(2): 67-69.
- Cox, C.** 2008. Identification of North American Peeps: A Different Approach to an Old Problem. *Birding* 40(4): 32-40.
- Daukes, A.H.** Semipalmated Sandpiper at Cley, pp. 35-36. Found in: **Sharrock, J.T.R. & Grant, P.J.** 1982. *Birds new to Britain and Ireland*. T. & A.D. Poyser.
- Donahue, P.K.** 1996. Notes: Bill length and bill shape of Semipalmated Sandpiper. *British Birds* 89(5): 234-235.
- Driedzic, W.R. et al.** 1993. Adaptations in pectoralis muscle, heart mass, and energy metabolism during premigratory fattening in semipalmated sandpipers (*Calidris pusilla*). *Canadian Journal of Zoology* 71(8): 1602-1608.
- Dunn, P.O. et al.** 1988. Length of stay and fat content of migrant Semipalmated Sandpipers in eastern Maine. *The Condor* 90(4): 824-835.
- Eds.** 1996. 6-in-a-row Quizbird No. 9/1 solution: juvenile Semipalmated Sandpiper. *Birding World* 9(8): 327.
- Garner, M.** 1989. Letters: The Felixstowe stint. *British Birds* 82(8): 378.
- Garner, M.** 2005. The Fair Isle sandpiper: a review. *British Birds* 98(7): 356-364.
- Golley, M. & Hough, J.** 1992. Black-legged Stints and Peeps. *Birdwatch* 1(4): 18-20.
- Gonçalves, E.C. et al.** 2007. Molecular evolution of  $\beta$ -fibrinogen intron 7 applied to the population genetics of the Semipalmated Sandpiper (*Calidris pusilla*) on the northern Coast of Brazil. *Revista Brasileira de Ornitologia* 15(2): 253-260.
- Grant, P.J.** 1981. Identification of Semipalmated Sandpiper. *British Birds* 74(12): 505-509.
- Grant, P.J.** 1986. Four problem stints: 4. Felixstowe, Suffolk, 30th October 1982 to at least 16th April 1983. *British Birds* 79(12): 609-621 (617-621).
- Gratto-Trevor, C.L. & Dickson, H.L.** 1994. Confirmation of elliptical migration in a population of Semipalmated Sandpipers. *The Wilson Bulletin* 106(1): 78-90.
- Gratto-Trevor, C.L.** 1991. Parental care in Semipalmated Sandpipers *Calidris pusilla*: brood desertion by females. *Ibis* 133(4): 394-399.
- Gratto, C.L. et al.** 1983. Nesting success of yearling and older breeders in the Semipalmated Sandpiper *Calidris pusilla*. *Canadian Journal of Zoology* 61: 1133-1137.
- Gratto, C.L. et al.** 1985. Philopatry, site tenacity, and mate fidelity in the Semipalmated Sandpiper. *The Auk* 102(1): 16-24.
- Hamilton, R.** 1996. Answers to the December Photo quiz: Adult Semipalmated Sandpiper. *Birding* XXVIII(1): 48-50.
- Harrap, S.** 1989. Letters: The Felixstowe stint. *British Birds* 82(8): 378-380.
- Harrington, B.A. & Morrison, R.I.G.** 1979. Semipalmated Sandpiper migration in North America. *Studies in Avian Biology* 2: 83-100.
- Hazevoet, C.J.** 1999. Fourth report on birds from the Cape Verde Islands, including notes on the conservation and records of 11 new to the archipelago. *Bulletin Zoologisch Museum* 17(3): 19-32 (27).
- Hicklin, P. & Chardine, J.** 2006. Population status of Semipalmated Sandpipers based on mark-recapture and morphometrics of migrating birds in the Upper Bay of Fundy. *Wader Study Group Bulletin* 109: 43.
- Hicklin, P.W. & Smith, P.C.** 1984. Selection of foraging sites and invertebrate prey by migrant semipalmated sandpipers, *Calidris pusilla* (Pallas), in Minas Basin, Bay of Fundy. *Canadian Journal of Zoology* 62(11): 2201-2210.
- Holloway, J.** 1995. From the rarities files: Semipalmated Sandpiper in Orkney. *British Birds* 88(4): 196-200.
- Jehl, Jr., J.R.** 2006. Coloniality, mate retention, and nest-site characteristics in the Semipalmated Sandpiper. *The Wilson Journal of Ornithology* 118(4): 478-484.
- Jonsson, L. & Grant, P.J.** 1984. Identification of stints and peeps. *British Birds* 77(7): 293-315.
- King, B.** 1981. Notes: Semipalmated Sandpiper feeding on ploughed land. *British Birds* 74(3): 149.
- Kok, D. & van Duivendijk, N.** 2001. Masters of Mystery – Solutions of fifth and sixth round 2000: juvenile Red-necked Stint. *Dutch Birding* 23(1): 28-33.

- Lank, D.B.** 1979. Dispersal and predation rates of wing-tagged Semipalmated Sandpipers *Calidris pusilla* and an evaluation of the technique. *Wader Study Group Bulletin* 27: 41-46.
- Lundquist, T.** 2012. Barrow, Alaska in June. *Birding World* 25(8): 336-345 (plate 13, p. 342).
- Lyons, J.E. & Haig, S.M.** 1995. Fat content and stopover ecology of spring migrant Semipalmated Sandpipers in South Carolina. *The Condor* 97(2): 427-437.
- Manning, T.H. & Carter, B.** 1977. Incidence of runt eggs in the Canada Goose and Semipalmated Sandpiper. *The Wilson Bulletin* 89(3): 469.
- Mawhinney, K. et al.** 1993. A re-evaluation of the numbers of migrant Semipalmated Sandpipers, *Calidris pusilla*, in the Bay of Fundy during fall migration. *Canadian Field-Naturalist* 107(1): 19-23.
- McCurdy, D.G. et al.** 1997. Diurnal and nocturnal foraging by Semipalmated Sandpipers *Calidris pusilla*. *Journal of Avian Biology* 28(4): 353-356.
- McGeehan, A.** 1991. Quizbird no. 2 solution: Semipalmated Sandpiper. *Irish Birding News* 2(1): 37-41.
- McGeehan, A.** 1994. Birding from the hip: 'Shorebird' (21 Letters) - The game of ornithological one-upmanship. *Birdwatch* 28: 20.
- Miller, E.H.** 1983. The Structure of Aerial Displays in Three Species of Calidridinae (Scolopacidae). *The Auk* 100(2): 440-451.
- Millington, R. & Vinicombe, K.** 1992. The New Approach in action: Felixstowe '82 revisited. *Birding World* 5(11): 433-437.
- Oddie, W.E. & Marr, B.A.E.** 1981. Notes: Identification of Semipalmated Sandpipers and Little Stints in autumn. *British Birds* 74(9): 396-398.
- Page, G.W. & Middleton, A.L.A.** 1972. Fat deposition during autumn migration in the Semipalmated Sandpiper. *Bird-Banding* 43(2): 85-96.
- Pfister, C. et al.** 1998. Body-fat levels and annual return in migrating Semipalmated Sandpipers. *The Auk* 115(4): 904-915.
- Phillips, A.R.** 1975. Semipalmated Sandpiper: identification, migrations, summer and winter ranges. *American Birds* 29: 799-806.
- Prowse, A.D.** 2006. Letters: Identification of the Fair Isle sandpiper - a statistical analysis. *British Birds* 99(3): 149-151.
- Raynor, E.M.** 1996. Notes: Distinctive feeding behaviour of Semipalmated Sandpipers. *British Birds* 89(3): 140-141.
- Rice, S.M. et al.** 2007. Local annual survival and seasonal residency rates of semipalmated sandpipers (*Calidris pusilla*) in Puerto Rico. *The Auk* 124(4): 1397-1406.
- Sandercock, B.K. & Gratto-Trevor, C.L.** 1997. Local survival in Semipalmated Sandpipers *Calidris pusilla* breeding at La Pérouse Bay, Canada. *Ibis* 139(2): 305-312.
- Sandercock, B.K.** 1998. Assortative mating and sexual size dimorphism in Western and Semipalmated Sandpipers. *The Auk* 115(3): 786-791.
- Scharringa, J. & Wassink, A.** 1992. Grijze Strandloper in Oostvaardersplassen in juni 1989 [Semipalmated Sandpiper in Oostvaardersplassen in June 1989]. *Dutch Birding* 14(6): 226-227.
- Schenk, C.** 1999. Churchill. *Dutch Birding* 21(4): 198-204 (plate 214, p. 201).
- Shepherd, P.C. & Boates, J.S.** 1999. Effects of a commercial baitworm harvest on Semipalmated Sandpipers and their prey in the Bay of Fundy hemispheric shorebird reserve. *Conservation Biology* 13(2): 347-356.
- Stoddart, A.** 2011. Identification: Stints Part 1 - Little Stint and confusion species. *Birdwatch* 229: 25-29.
- Szantyr, M.S.** 1997. Semipalmated Sandpiper or Little Stint? A Matter of Degrees. *Birding* XXIX(2): 132-134.
- van der Laan, J.** 1992. Grijze Strandloper in Oostvaardersplassen in juni 1989 [Semipalmated Sandpiper in Oostvaardersplassen in June 1989]. *Dutch Birding* 14(6): 225-226.
- van der Veen, L.** 1991. Grijze Strandloper in Oostvaardersplassen in juni 1989 [Semipalmated Sandpiper in Oostvaardersplassen in June 1989]. *Dutch Birding* 13(3): 83-85.
- Vinicombe, K.** 2005. ID in depth: Baird's Sandpiper. *Birdwatch* 158: 34-36.
- Vinicombe, K.** 2007. ID in depth: Semipalmated and Western Sandpipers. *Birdwatch* 182: 32-35.
- Wallace, D.I.M.** 1979. Review of British records of Semipalmated Sandpipers and claimed Red-necked Stints. *British Birds* 72: 264-274.
- Walsh, T.** 2006. Letters: The Fair Isle sandpiper. *British Birds* 99(1): 46.
- Williamson, K. & Alexander, H.G.** 1957. The identification of Baird's and Semipalmated Sandpipers'. *British Birds* 50: 350-351.
- Wilson, W.H.** 1990. Relationship between Prey Abundance and Foraging Site Selection by Semipalmated Sandpipers on a Bay of Fundy Mudflat. *Journal of Field Ornithology* 61(1): 9-19.

## Hybrid Sandpipers

### Cox's Sandpiper

#### *Calidris melanotos* x *Calidris ferruginea*

Hybrid ♂ Pectoral Sandpiper x ♀ Curlew Sandpiper.

**John Brian Cox** (b. 1945), British born ornithologist who settled in South Australia. In 1977 he collected the second specimen of the hybrid that is named after him.

### Cooper's Sandpiper

#### *Calidris ferruginea* x *Calidris acuminata*

Hybrid Curlew Sandpiper x Sharp-tailed Sandpiper.

**William C. Cooper** (1798-1864), American collector and one of the founders of the American Museum of Natural History in New York.

- Buckley, P.A.** 1988. The World's first known juvenile Cox's Sandpiper. *British Birds* 81(6): 253-257.
- Buckley, P.A.** 1990. Letters: What is Cox's Sandpiper. *British Birds* 83(5): 209-210.
- Christidis, L. et al.** 1996. Molecular assessment of the taxonomic status of Cox's Sandpiper. *The Condor* 98(3): 459-463.
- Cox, J.** 1988. Cooper's, Cox's or hybrids? *Birding World* 1(7): 238-239.
- Cox, J.** 1988. Cooper's, Cox's or hybrids? *Birding* XX(5): 304-307.
- Cox, J.B.** 1987. Some notes on the perplexing Cox's Sandpiper. *South Australian Ornithologist* 30(4): 85-97.
- Cox, J.B.** 1989. Notes on the affinities of Cooper's and Cox's Sandpiper. *South Australian Ornithologist* 30(7): 169-181.
- Cox, J.B.** 1990. The enigmatic Cooper's and Cox's Sandpipers. *Dutch Birding* 12(2): 53-64.
- Cox, J.B.** 1990. The measurement of Cooper's Sandpiper and the occurrence of a similar bird in South Australia. *South Australian Ornithologist* 31(2): 38-43.
- Eds.** 1987. Cox's Sandpiper in Massachusetts. *Twitching* 1: 348-349.
- Kasprzyk, M.J. et al.** 1988. First northern hemisphere record and first juvenile plumage description of the Cox's Sandpiper (*Calidris paramelanotos*). *American Birds* 41: 1359-1364.
- Kennerley, P.** 1988. Letters: Report of adult Cox's Sandpiper in Hong Kong. *British Birds* 81(10): 532-533.
- Monroe, B.L.** 1991. A reconsideration of the Massachusetts 'Cox's Sandpiper'. *American Birds* 45: 232-233.
- Noah, T. & Bock, C.** 2007. Ein 'Coxstrandläufer' *Calidris melanotos* x *C. ferruginea* in der Westpaläarktis [A 'Cox's Sandpiper' *Calidris melanotos* x *C. ferruginea* in the Western Palearctic]. *Limicola* 21(2): 122-130.
- Sangster, G.** 1996. Hybrid origin of Cox's Sandpiper confirmed by molecular analysis. *Dutch Birding* 18(5): 255-256.
- Schulenberg, T.S.** 1989. Letters: What is Cox's Sandpiper? *British Birds* 82(12): 622-623.
- Ujihara, M.** 2002. An apparent juvenile Cox's Sandpiper in Japan. *Birding World* 15(8): 346-347.
- van Rootseelaar, O.** 1999. New birds for the World: species discovered during 1980 - 1999. *Birding World* 12(7): 286-293 (287).
- Vickery, P.D.D. et al.** 1988. Juvenile Cox's Sandpiper (*Calidris paramelanotos*) in Massachusetts, a first New World occurrence and a hitherto undescribed plumage. *American Birds* 41: 1366-1369.