

American Herring Gull. Dingle Harbour, Co. Kerry, Ireland. 8th April 2004.  
Photo: Chris Batty.



# List of Gulls - Part 2

with References

Compiled by Joe Hobbs



## Introduction

This is the second of two gull reference lists. It includes all those species of Gull that are included in the genus *Larus*.

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 2014 & 2015 to: josephobbs@gmail.com.

Grateful thanks to Chris Batty and Graham Prole for the cover images. All images © the photographers.

## Index

With some differences with the larger white-headed gulls, the general order of species follows the International Ornithologists' Union World Bird List (**Gill, F. & Donsker, D.** (eds.) 2014. IOC World Bird List. Available from: <http://www.worldbirdnames.org/> [version 4.3 accessed September 2014]).

Joe Hobbs

## Cover

Main image: American Herring Gull. Dingle Harbour, Co. Kerry, Ireland. 8th April 2004. Picture by Chris Batty.

Vignette: Lesser Black-backed Gull. Sean Walsh Park, Tallaght, Co. Dublin, Ireland. 14th July 2012. Picture by Graham Prole.

## Version

Version 1.2 (September 2014).

<b>Species</b>	<b>Page No.</b>
American Herring Gull [ <i>Larus smithsonianus</i> ]	34
Armenian Gull [ <i>Larus armenicus</i> ]	44
Belcher's Gull [ <i>Larus belcheri</i> ]	6
Black-tailed Gull [ <i>Larus crassirostris</i> ]	7
California Gull [ <i>Larus californicus</i> ]	15
Caspian Gull [ <i>Larus cachinnans</i> ]	38
Common Gull [ <i>Larus canus</i> ]	9
Glaucous Gull [ <i>Larus hyperboreus</i> ]	24
Glaucous-winged Gull [ <i>Larus glaucescens</i> ]	20
Great Black-backed Gull [ <i>Larus marinus</i> ]	16
Heermann's Gull [ <i>Larus heermanni</i> ]	8
Herring Gull [ <i>Larus argentatus</i> ]	30
Heuglin's Gull [ <i>Larus heuglini</i> ]	52
Iceland Gull [ <i>Larus glaucooides</i> ]	26
Kelp Gull [ <i>Larus dominicanus</i> ]	17
Lesser Black-backed Gull [ <i>Larus fuscus</i> ]	47
Olrog's Gull [ <i>Larus atlanticus</i> ]	6
Pacific Gull [ <i>Larus pacificus</i> ]	6
Ring-billed Gull [ <i>Larus delawarensis</i> ]	13

Short-billed Gull [ <i>Larus brachyrhynchus</i> ]	12
Slaty-backed Gull [ <i>Larus schistisagus</i> ]	45
Thayer's Gull [ <i>Larus thayeri</i> ]	28
Vega Gull [ <i>Larus vegae</i> ]	37
Western Gull [ <i>Larus occidentalis</i> ]	22
Yellow-footed Gull [ <i>Larus livens</i> ]	23
Yellow-legged Gull [ <i>Larus michahellis</i> ]	40

## 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.
- Baker, K.** 1993. *Identification Guide to European Non-Passerines. BTO Guide 24.* BTO, Tring.
- Balmer, D. et al** 2013. *Bird Atlas 2001-11: The breeding and wintering birds of Britain and Ireland.* BTO Books, Thetford.
- Barnard, C.J. & Thompson, D.B.A.** 1985. *Gulls and Plovers: the ecology and behaviour of mixed-species feeding groups.* Croom Helm.
- 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.
- Blomdahl, A. et al** 2003 & 2007. *Flight Identification of European Seabirds.* Christopher Helm, A & C Black, London.
- Cramp, S. & Simmons, K.E.L.** (eds.) 1985. *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.
- Cramp, S. et al** 1974. *The Seabirds of Britain and Ireland.* Collins, London.
- del Hoyo, J. et al** (eds.) 1996. *Handbook of the Birds of the World Volume 3, Hoatzin to Auks.* Lynx Edicions, Barcelona.
- Enticott, J. & Tipling, D.** 1997. *Photographic Handbook of the Seabirds of the World.* New Holland.
- Grant, P.J.** 1986. *Gulls: a guide to identification.* 2nd edition, T. & A.D. Poyser.
- Haley, D.** 1984. *Seabirds of eastern North Pacific and Arctic waters.* Pacific Search Press.
- Harrison, P.** 1983 & revised edition 1985. *Seabirds: an identification guide.* Croom Helm.
- Harrison, P.** 1987. *Seabirds of the World, A Photographic Guide.* Christopher 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.
- Howell, S.N.G. & Dunn, J.L.** 2007. *Gulls of the Americas.* Peterson Reference Series, Houghton Mifflin Company, New York.
- Howell, S.N.G. et al** 2014. *Rare Birds of North America.* Princeton University Press, Princeton and Oxford.
- Hume, R. & Pearson, B.** 1993. *Seabirds.* Hamlyn Bird Behaviour Guides, London.
- Kaufman, K.** 1990 & 2011. *A Field Guide to Advanced Birding.* Houghton Mifflin Company, Boston.
- Lewington, I. et al** 1991. *A Field Guide to the Rare Birds of Britain and Europe.* HarperCollins.
- Lloyd, C. et al** 1991. *The Status of Seabirds in Britain and Ireland.* T. & A.D. Poyser, London.
- Löfgren, L.** 1984. *Ocean birds: their breeding biology and behaviour.* Croom Helm, Beckenham.
- Mitchell, I.P. et al** 2004. *Seabird Populations of Britain & Ireland.* T. & A.D. Poyser / A. & C. Black.
- Olsen, K.M. & Larsson, H.** 2004. *Gulls of Europe, Asia and North America.* Christopher Helm, A & C Black, London.
- Parkin, D.T. & Knox, A.G.** 2010. *The Status of Birds in Britain & Ireland.* Christopher Helm.
- Paterson, A.** 2012. *Pelagic Birds of the North Atlantic: an identification guide.* New Holland.
- Paterson, A.M.** 1997. *Las aves marinas de España y Portugal [Seabirds of Spain and Portugal].* Lynx Edicions, Barcelona.
- Schreiber, E.A. & Burger, J.** 2002. *Biology of Marine Birds.* CRC Press.
- Shirihai, H. & Jarrett, B.** 2002. *A Complete Guide to Antarctic Wildlife, The Birds and Marine Mammals of the Antarctic Continent and Southern Ocean.* Alula Press Oy, Finland.
- Shirihai, H. & Jarrett, B.** 2007. *A Complete Guide to Antarctic Wildlife Birds and Marine Mammals of the Antarctic Continent and Southern Ocean.* 2nd edition, A & C Black, London.
- 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.
- Tuck, G.S. & Heinzel, H.** 1978. *A Field Guide to the Seabirds of Britain and the World.* Collins.
- Urban, E.K. et al** 1986. *The Birds of Africa: volume 2 - Game Birds to Pigeons.* Academic Press, London.
- 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.
- 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.

## General Notes

- Adriaens, P. et al** 2012. Hybrid gulls in Belgium - an update. *British Birds* 105(9): 530-542.
- Anker-Nilssen, T. et al** 1996. Aims and effort in seabird monitoring: an assessment based on Norwegian data. *Wildlife Biology* 2(1): 17-26.
- 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.
- Ballance, D.K.** 2004. Birdwatching from cargo ships. *British Birds* 97(1): 16-26.
- Banks, A.N. et al** 2009. Indexing winter gull numbers in Great Britain using data from the 1953 to 2004 Winter Gull Roost Surveys. *Bird Study* 56(1): 103-119.
- Banks, R.C. et al** 2008. Forty-ninth supplement to the American Ornithologists' Union Check-list of North American Birds. *The Auk* 125(3): 758-768.
- Blokpoel H.** 1992. Population-dynamics of *Lari* in relation to food resources - general introduction. *Ardea* 80(1): 1-2.
- Bourne, W.R.P.** 1996. The larger white-headed gulls wintering around the southern coasts of Asia. *Sea Swallow* 45: 86-91.
- Bourne, W.R.P.** 1998. Problems with the reclassification of the petrels and gulls. *Scientific American* 47: 57-60.
- British Ornithologists' Union** 2008. British Ornithologists' Union Records Committee: 36th Report (November 2007). *Ibis* 150: 218-220.
- Buckley, D.** 1998. How to Misidentify Gulls. *Birding XXX*(2): 172-174.
- Buckley, N.J. & O'Halloran, J.** 1985. Mass mortality of gulls in west Cork attributed to botulism. *Irish Birds* 3(2): 283-285.
- Burger, J.** 1981. Effects of Human Disturbance on Colonial Species, Particularly Gulls. *Colonial Waterbirds* 4: 28-36.
- Cane, W.P.** 1994. Ontogenetic evidence for relationships within the Laridae. *The Auk* 111: 873-880.
- Charles, D. & Feeney, S.** 2010. Close but no cigar. Hybrid gull: Lissadell Strand, Co. Sligo, Republic of Ireland, 14-20 November 2009. *Birdwatch* 212: 52.
- 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.
- Chu, P.C.** 1998. A phylogeny of the Gulls (Aves: Larinae) inferred from osteological and integumentary characters. *Cladistics* 14: 1-43.
- Clarke, T.** 1999. Autumn 1998 on the Azores. *Birding World* 12(5): 205-212 (211).
- Cooper, J.** Potential impacts of marine fisheries on migratory waterbirds of the Afrotropical Region: a study in progress, pp. 760-764. Found in: **Boere, G.C. et al** (eds.) 2006. *Waterbirds Around the World*. The Stationery Office, Edinburgh, U.K.
- Coulson, J.C. et al** 1983. The use of head and bill length to sex live gulls. *Ibis* 125: 549-557.
- Crochet, P-A. & Desmarais, E.** 2000. Slow rate of evolution in the mitochondrial control region of gulls (Aves: Laridae). *Molecular Biology and Evolution* 17: 1797-1806.
- Crochet, P-A. et al** 2000. Molecular phylogeny and plumage evolution in gulls (*Larini*). *Journal of Evolutionary Biology* 13: 47-57.
- Crochet, P-A. et al** 2002. Systematics of large white-headed gulls: patterns of mitochondrial DNA variation in western European taxa. *The Auk* 119: 603-620.
- de Knijff, P. et al** 2005. The Beringian Connection: Speciation in the Herring Gull Assemblage of North America. *Birding* 37(4): 402-411.
- Doherty, P.** 1984. Letters: Function of dark eye-patches of gulls and raptors. *British Birds* 77(10): 492.
- Dubois, P.J.** 2003. On the large gulls on the southern coast of Iran. *Sandgrouse* 25(2): 144-146.
- Dwight, J.** 1925. The gulls (Laridae) of the world: Their plumages, moults, variations, relationships, and distribution. *Bulletin of the American Museum of Natural History* 53: 63-408.
- Eds.** 2002. Competition solution: How well did you do? *Birdwatch* 119: 18.
- Eds.** 2002. Identification quiz: What's that Gull? *Birdwatch* 116: 26-27.
- Fraser, M.** 2004. ListCheck: Relationships - Herring Gull complex. *Birdwatch* 146: 13.
- Friesen, V.L. et al** 2007. Mechanisms of population differentiation in seabirds. *Molecular Ecology* 16(9): 1765-1785.
- Gantlett, S.** 1998. Bird forms in Britain. *Birding World* 11(6): 232-239.
- Garner, M.** 1997. Large white headed gulls in the UAE – a contribution to their field identification. *Emirates Bird Report No 19* pp. 94-104.
- Gibbins, C.** 2009. Conference report: Gulls - the plot thickens. *Birdwatch* 203: 56-57.

- Gibbins, C.N. & Golley, M.** 2000. Which large white-headed gulls occur in Scotland? *Birding Scotland* 3(3): 102-111.
- Given, A.D. et al** 2005. Molecular evidence for recent radiation in southern hemisphere masked gulls. *The Auk* 122: 268-279.
- Hackett, S.J.** 1989. Effects of varied electrophoretic conditions on detection of evolutionary patterns in the Laridae. *The Condor* 91: 73-90.
- Hess, P.** 2006. News and Notes: Major revision of Gull Taxonomy. *Birding* 38(5): 23.
- Heubeck, M.** 2013. Censusing and monitoring breeding seabirds in Britain and Ireland. *British Birds* 106(6): 306-324.
- Hoffman, W. et al** 1981. The Ecology of Seabird Feeding Flocks in Alaska. *The Auk* 98(3): 437-456.
- Hulsman, K.** 1976. Robbing behaviour of terns and gulls. *Emu* 76: 143-149.
- Kennerley, P.R.** 1995. Identifications and systematics of large white-headed gulls in Hong Kong. *Hong Kong Bird Report 1994* pp. 127-156.
- Liebers, D. et al** 2004. The herring gull complex is not a ring species. *Proceedings of the Royal Society London, Biological Sciences* 271: 893-901.
- Madden, B. & Archer, E.** 2005. Scavenging gulls at Balleally Landfill, Lusk, County Dublin: Long-term population trends. *Irish Birds* 7(4): 511-516.
- McGreal, E.** 2011. Census of inland breeding gulls in Counties Galway and Mayo. *Irish Birds* 9(2): 173-180.
- Merne, O.J. et al** 2009. Abundance of non-breeding gulls in Dublin Bay, 2006-2007. *Irish Birds* 8(4): 549-562.
- 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].
- O'Sullivan, O.** 2004. Discover birds: Winter Gulls, part 1 - Large Gulls. *Wings* 35: 24-26.
- Pennycuik, C.J.** 1987. Flight of Auks (Alcidae) and Other Northern Seabirds Compared with Southern Procellariiformes: Ornithodolite Observations. *Journal of Experimental Biology* 128: 335-347.
- Paton, T.A. et al** 2003. RAG-1 sequences resolve phylogenetic relationships within Charadriiform birds. *Molecular Phylogenetics and Evolution* 29: 268-278.
- Pons, J-M. et al** 2005. Phylogenetic relationships within the Laridae (Charadriiformes: Aves) inferred from mitochondrial markers. *Molecular Phylogenetics and Evolution* 37(3): 686-699.
- Reynolds, J.V.** 1990. The breeding gulls and terns of the islands of Lough Derg. *Irish Birds* 4(2): 217-226.
- Richards, C.** 2012. Notes: Gulls feeding on spawning ragworms. *British Birds* 105(3): 159.
- Sangster, G.** 1999. Trends in systematics, Relationships among gulls: new approaches. *Dutch Birding* 21(4): 207-218.
- Sangster, G. et al** 1999. Dutch avifaunal list: species concepts, taxonomic instability, and taxonomic changes in 1977-1998. *Ardea* 87(1): 139-166.
- Sangster, G. et al** 2007. Taxonomic recommendations for British birds: Fourth report. *Ibis* 149: 853-857.
- Sangster, G. et al** 2012. Taxonomic recommendations for British Birds: eight report. *Ibis* 154(4): 874-883.
- Scott, D.A.** 2007. Short Communication: A Note on Large White-headed Gulls in Iran. *Podoces* 2(2): 143-145.
- Steel, D.** 2005. Record seabird numbers on the Farne Islands, Northumberland. *Birding World* 18(7): 304.
- Sternkopf, V. et al** 2010. Introgressive hybridization and the evolutionary history of the herring gull complex revealed by mitochondrial and nuclear DNA. *BMC Evolutionary Biology* 10: 348 doi:10.1186/1471-2148-10-348 [online PDF] Available from: <http://www.biomedcentral.com/1471-2148/10/348> [Accessed December 2010].
- Strauch, J.R.** 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.
- Tate, A.** 2002. World of Birds: Full House. *Birdwatch* 123: 16-17.
- Thomas, G.H. et al** 2004. Phylogeny of shorebirds, gulls, and alcids (Aves: Charadrii) from the cytochrome-b gene: Parsimony, Bayesian inference, minimum evolution, and quartet puzzling. *Molecular Phylogenetics and Evolution* 30: 516-526.
- Tinbergen, N.** 1956. On the Functions of Territory in Gulls. *Ibis* 98: 401-411.
- Valeiras, J.** 2003. Attendance of scavenging seabirds at trawler discards off Galicia, Spain. *Scientia Marina* 67(s.2): 77-82.

- van den Berg, A.B.** 2014. Dutch Birding-vogelnamen [Dutch Birding bird names] [online PDF]. Available from: [www.dutchbirding.nl/page.php?page\\_id=229](http://www.dutchbirding.nl/page.php?page_id=229) [Accessed February 2014].
- Vinicombe, K.** 2007. ID special: Topographical tips. *Birdwatch* 176: 28-31.
- Wallace, D.I.M. et al** 2001. Autumn migration in westernmost Donegal. *British Birds* 94(3): 103-120 (111).
- Ward, M.** 1999. Pelagics: On the crest of a wave. *Birdwatch* 86: 28-30.
- Wynn, R.B. & Knefelkamp, B.** 2004. Seabird distribution and oceanic upwelling off northwest Africa. *British Birds* 97(7): 323-335.

## Pacific Gull

***Larus pacificus*** [Latham 1801, New South Wales, Australia].  
 [*L.p. pacificus*] Tasmania & Victoria. Winters N to New South Wales.  
 [*L.p. georgii*] W Australia S & E to S Australia.  
 Treated by some as *Gabianus pacificus*.  
 Other names: Large-billed Gull, Australian Gull.

- Coulson, R. & Coulson, G.** 1993. Diets of the Pacific Gull *Larus pacificus* and the Kelp Gull *Larus dominicanus* in Tasmania. *Emu* 93: 50-53.
- Coulson, R. & Coulson, G.** 1998. Population change among Pacific, Kelp and Silver Gulls using natural and artificial feeding sites in south-eastern Tasmania. *Wildlife Research* 25(2): 183-198.
- Dunnett, G.** 1992. Prion Beach Rockshelter: Seabirds and offshore islands in southwest Tasmania. *Australian Archaeology* 34: 22-28.
- Eds.** 2007. Frontispiece: Adult Pacific Gull, Tasmania, Australia, December 2005 - picture by Alan Drewitt. *Birding World* 20(8): 309.
- Green, R.H. & Mollison, B.C.** 1961. Birds of Port Davey and south coast of Tasmania. *Emu* 61(3): 223-236.
- Hewitt, S.** 2013. Avian drop-catch play: a review. *British Birds* 106(4): 206-216 (208-211).
- Lindsay, M.C.M. & Meathrel, C.E.** 2008. Where, When and How? Limitations of the Techniques Used to Examine Dietary Preference of Pacific Gulls (*Larus pacificus*) Using Non-consumed Parts of Prey and Regurgitated Pellets of Prey Remains. *Waterbirds* 31(4): 611-619.
- Stirling, I. et al** 1970. The bird fauna of South Neptune Islands, South Australia. *Emu* 70(4): 189-192.
- Wheeler, R.** 1943. Pacific Gull at play? *Emu* 42(3): 181.
- Woodbury, A.M. & Knight, H.** 1951. Results of the Pacific Gull color-banding project. *The Condor* 53(2): 57-77.

## Belcher's Gull

***Larus belcheri*** [Vigors 1829 Vigors, no locality, presumably Peru].  
 N Peru to N Chile in the vicinity of the Humboldt Current. Winters N to N Ecuador and S to C Chile.  
 Other names: Simeon's Gull, Simeon Gull, Band-tailed Gull.  
 'Simeons' is most likely a region where the gull is found rather than commemorating an historic individual.  
**Admiral Sir Edward Belcher** (1799-1877), British explorer who was in command of the failed Arctic expedition to locate Sir John Franklin in 1852.

- Banks, R.C. et al** 2003. Forty-fourth Supplement to the American Ornithologists' Union Checklist of North American Birds. *The Auk* 120(3): 923-931 (926).
- DeBenedictis, P.A. et al** 1994. ABA Checklist Report 1992, New Species, Origin Uncertain. *Birding* XXVI(2): 92-102 (101).
- Escalante, R.** 1962. Frequency of occurrence of some seabirds in Uruguay. *The Condor* 64(6): 510-512.
- Etherington, G.** 2004. OrnithoNews: AOU Checklist updates. *Birding World* 17(7): 266.
- Simeone, A. et al** 2003. Breeding distribution and abundance of seabirds on islands off north-central Chile. *Revista Chilena de Historia Natural* 76: 323-333 (328).

## Olrog's Gull

***Larus atlanticus*** [Olrog 1958, Mar del Plata, Argentina].  
 Coast of Argentina S of 11°S. Winters Atlantic coast of S Brazil, Uruguay & N Argentina.  
 Treated by some as a race of Belcher's Gull.  
**Claes Christian Olrog** (1912-1985), Swedish ornithologist domiciled in Argentina who undertook field expeditions in Argentina, Brazil and Bolivia.

- Delhey, J.K.V. et al** 2001. Diet and feeding behaviour of Olrog's gull *Larus atlanticus* in Bahía Blanca, Argentina. *Ardea* 89: 319-329.
- Devillers, P.** 1977. Observations at a breeding colony of *Larus (belcheri) atlanticus*. *Le Gerfaut* 67: 22-43.
- Escalante, R.** 1966. Notes on the Uruguayan population of *Larus belcheri*. *The Condor* 68: 507-510.
- Herrera, G. et al** 2005. Diet specialization of Olrog's Gull *Larus atlanticus* during the breeding season at Golfo San Jorge, Argentina. *Bird Conservation International* 15(1): 89-97.
- La Sala, L. & Martorelli, S.** 2010. First Report of Olrog's Gull Depredation by Sympatric Kelp Gulls. *The Wilson Journal of Ornithology* 122(1): 188-189.
- Martinez, M.M. et al** 2000. Olrog's Gull *Larus atlanticus*: specialist or generalist? *Bird Conservation International* 10(1): 89-92.
- Olrog, C.C.** 1967. Breeding of the Band-tailed Gull (*Larus belcheri*) on the Atlantic Coast of Argentina. *The Condor* 69(1): 42-48.
- Pacheco, J.F. et al** 2009. Olrog's Gull *Larus atlanticus* in Santa Catarina, Brazil: northernmost occurrence and first state record. *Cotinga* 31: 80-81.
- Prince, P.A. & Payne, M.R.** 1979. Current status of birds at South Georgia. *British Antarctic Survey Bulletin* 48: 103-118.
- Spivak, E.D. & Sánchez, N.** 1992. Prey selection of *L. belcheri atlanticus* in Mar Chiquita Lagoon, Bs. As. Argentina: a possible explanation for its discontinuous distribution. *Revista Chilena de Historia Natural* 65: 209-220.
- Yorio, P. et al** 1997. Newly discovered breeding sites of Olrog's gull *Larus atlanticus* in Argentina. *Bird Conservation International* 7: 161-165.
- Yorio, P. et al** 2004. Foraging Patterns of Breeding Olrog's Gull at Golfo San Jorge, Argentina. *Waterbirds* 27(2): 193-199.

## **Black-tailed Gull**

***Larus crassirostris*** [Vieillot 1818, Nagasaki, Japan]

S Kuril Islands, Sakhalin, Popov Island, Moneron Island & Peter the Great Bay (SE Far East Russia), Japan, Korea & E China. Winters S to N East China Sea & Taiwan Straits.

Other names: Temminck's Gull, Japanese Gull.

**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.

- Agusa, T. et al** 2005. Body distribution of trace elements in black-tailed gulls from Rishiri Island, Japan: Age-dependent accumulation and transfer to feathers and eggs. *Environmental Toxicology and Chemistry* 24(9): 2107-2120.
- Brazil, M.A.** 1993. Seabirding in Japan. *Dutch Birding* 15(4): 160-166 (plate 100, p. 165).
- Chochi, M. et al** 2002. Sexual differences in the external measurements of Black-tailed Gulls breeding on Rishiri Island, Japan. *Ornithological Science* 1: 163-166.
- Choi, J-W. et al** 2001. Chlorinated persistent organic pollutants in black-tailed gulls (*Larus crassirostris*) from Hokkaido, Japan. *Chemosphere* 44(6): 1375-1382.
- D'Anna, W. et al** 1999. First Texas Record of Black-tailed Gull. *Texas Birds* 1(2): 20-24.
- Garrett, K.L. & Molina, K.C.** 1998. First record of Black-tailed Gull for Mexico. *Western Birds* 29(1): 49-54.
- Gull, Y.L.** 1998. First record of the Black-tailed Gull for Mexico. *Western Birds* 29: 49-54.
- Kazama, K. & Watanuki, Y.** 2010. Individual differences in nest defense in the colonial breeding Black-tailed Gulls. *Behavioral Ecology and Sociobiology* 64(8): 1239-1246.
- Kazama, K.** 2007. Factors affecting egg predation in Black-tailed Gulls. *Ecological Research* 22(4): 613-618.
- Kazama, K. et al** 2012. Consistent individual variations in aggressiveness and a behavioral syndrome across breeding contexts in different environments in the Black-tailed Gull. *Journal of Ethology* 30(2): 279-288.
- King, J.R. & Carey, G.** 2000. Gulls in Japan. *Birding World* 13(4): 160-163.
- Knapton, R.W.** 1990. Black-tailed Gull in southern Manitoba. *Blue Jay* 48: 37-38.
- Lee, W-S. et al** 2006. Evaluation of environmental factors to predict breeding success of Black-tailed Gulls. *Ecological Informatics* 1: 331-339.
- Lee, W-S. et al** 2010. Egg survival is related to the colour matching of eggs to nest background in Black-tailed Gulls. *Journal of Ornithology* 151(4): 765-770.
- Lekagul, B. et al** 1985. Birdwatching in Thailand. *British Birds* 78(1): 2-39 (20-22).



- Lethaby, N. & Bangma, J.** 1998. Identifying Black-tailed Gull in North America. *Birding* XXX(6): 470-483.
- Lonergan, P. & Millington, R.** 2009. Identification of Black-tailed Gull - a photo gallery. *Birding World* 22(2): 73-77.
- Lucas, Z.** 1997. A Black-tailed Gull on Sable Island, Nova Scotia. *Birders Journal* 6(4): 205-207.
- Millington, R.** 2009. Gulls from a New Horizon - the Pacific Ocean. *Birding World* 22(2): 57-59.
- Monroe Jr., B.L.** 1955. A Gull new to North America. *The Auk* 72(2): 208.
- Park, S.R. & Chung, H.** 2002. How do young black-tailed gulls (*Larus crassirostris*) recognize adult voice signals? *Korean Journal of Biological Sciences* 6(3): 221-225.
- Park, S.R. & Park, D.S.** 1997. Acoustic communication of the Black-tailed Gull (*Larus crassirostris*): the structure and behavioral context of vocalizations. *Korean Journal of Biological Sciences* 1: 565-569.
- Robertson, I.S.** 1994. The First Sighting of Black-tailed Gull (*Larus crassirostris*) for Thailand. *Natural History Bulletin of the Siam Society* 42: 294.
- Robson, B.** 2001. Letters: Black-tailed Gull getting closer. *Birding World* 14(7): 306.
- Rosenberg, G.H.** 1997. Answers to the April Photo Quiz: juvenile Black-tailed Gull. *Birding* XXIX(3): 230-231.
- Schols, R.** 2005. Birds from China. *Birding World* 18(7): 297-303 (302).
- Tiunov, I.M. & Blokhin, A.Yu.** 2010. Dynamics of the Abundance of Seagulls (Charadriiformes: Laridae) in the Northern Tatar Strait. *Russian Journal of Marine Biology* 36(1): 43-46 [Original Russian text in *Biologiya Morya* 2010].
- Tomita, N. & Takagi, M.** 2013. Seasonal changes in hatching patterns in relation to incubation behavior of the Black-Tailed Gull (*Larus crassirostris*). *The Wilson Journal of Ornithology* 125(1): 121-127.
- Watanuki, Y.** 1990. Daily activity pattern of Rhinoceros Auklets and kleptoparasitism by Black-tailed Gulls. *Ornis Scandinavica* 21(1): 28-36.
- Webster, M.A.** 1968. Gulls of the South China coast. *Hong Kong Bird Report 1967* pp. 31-33 (32).
- Yamashita, N. et al** 1992. Cytochrome P-450 forms and its inducibility by PCB isomers in black-headed gulls and black-tailed gulls. *Marine Pollution Bulletin* 24(6): 316-321.

## Heermann's Gull

*Larus heermanni* [Cassin 1852, San Diego, California].

Gulf of California S to Nayarit & Baja California (W Mexico). Winters N to C California.

Dr. Adolphus Lewis Heermann (1827-1865), American army physician and naturalist who made numerous scientific expeditions in the eastern and western North America.

- Bartholomew, G.A. & Dawson, W.R.** 1979. Thermoregulatory behavior during incubation in Heermann's gulls. *Physiological Zoology* 52(4): 422-437.
- Bennett, A.F. & Dawson, W.R.** 1979. Physiological responses of embryonic Heermann's Gulls to temperature. *Physiological Zoology* 52(4): 413-421.
- Binford, L.C.** 1980. Heermann's Gull invades Alcatraz. *Point Reyes Bird Observatory Newsletter* 51: 3.
- Boarman, W.I.** 1989. The breeding birds of Alcatraz Island: Life on the Rock. *Western Birds* 20: 19-24.
- Bradshaw, J.** 2007. Heermann's Gull at Harrison Hot Springs, British Columbia. *Wildlife Afield* 4(1): 85.
- Campbell, R.W. et al** 2006. Featured species - Heermann's Gull. *Wildlife Afield* 3: 152-204.
- Howell, J. et al** 1983. First nests of Heermann's Gull in the United States. *Western Birds* 14(1): 39-46.
- Howell, S.N.G. & Webb, S.** 1992. Noteworthy bird observations from Baja California, Mexico. *Western Birds* 23: 153-163 (157).
- Hubbs, C.L. & Bartholomew Jr., G.A.** 1951. Persistence of rare color aberration in the Heermann Gull. *The Condor* 53(3): 221-227.
- Huber, L.N.** 1971. First records of Heermann's Gull (*Larus heermanni*) for Arizona. *The Auk* 88(4): 929.
- Iron, J. & Pittaway, R.** 2001. Molts and plumages of Ontario's Heermann's Gull. *Ontario Birds* 19: 65-78.
- Jehl Jr., J.R.** 1976. The northwestern most colony of Heermann's Gull. *Western Birds* 7(1): 25-26.
- Lozano, E. et al** 2004. Exito reproductivo de la gaviota de patas amarillas (*Larus livens*) y de la gaviota parda (*L. heermanni*) en el sur del Golfo de California, Mexico [Reproductive success of

- Heermann's and Yellow-footed Gulls in the south of the Gulf of California, México]. *Ornitologia Neotropical* 15(2): 237-246.
- Mellink, E.** 2001. History and status of colonies of Heermann's Gull in Mexico. *Waterbirds* 24(2): 188-194.
- Rahn, H. & Dawson, W.R.** 1979. Incubation Water Loss in Eggs of Heermann's and Western Gulls. *Physiological Zoology* 52(4): 451-460.
- Roberson, D. et al** 2001. First successful United States nesting of Heermann's Gull: challenges of an urban colonist. *North American Birds* 55(3): 375-378.
- Tershy, B.R. et al** 1990. Kleptoparasitism of adult and immature Brown Pelicans by Heermann's Gulls. *The Condor* 92(4): 1076-1077.
- Thayer, J.E.** 1911. A nesting colony of Heermann Gulls and Brewster Boobies. *The Condor* 13(3): 104-106.
- Urrutia, L.P. & Drummond, H.** 1990. Brood Reduction and Parental Infanticide in Heermann's Gull. *The Auk* 107(4): 772-774.
- Velarde, E.** 1992. Predation of Heermann's Gull (*Larus heermanni*) chicks by Yellow-footed Gulls (*Larus livens*) in dense and scattered nesting sites. *Colonial Waterbirds* 15(1): 8-13.
- Velarde, E.** 1993. Predation of nesting Larids by Peregrine Falcons at Rasa Island, Gulf of California, Mexico. *The Condor* 95(3): 706-708.
- Velarde, E.** 1999. Breeding biology of Heermann's Gulls on Isla Rasa, Gulf of California, Mexico. *The Auk* 116(2): 513-519.
- Vieyra, L. et al** 2009. Effects of parental age and food availability on the reproductive success of Heermann's Gulls in the Gulf of California. *Ecology* 90(4): 1084-1094.
- Wahl, T.R. & Tweit, B.** 2000. Seabird abundances off Washington, 1972-1998. *Western Birds* 31(2): 69-88 (78).

## Common Gull

***Larus canus*** [Linnaeus 1758, Sweden].

[*L.c. canus*] Iceland, Britain & Ireland E to White Sea. Winters Europe, N Africa & Persian Gulf.

[*L.c. heine*] The Kanin peninsula & area around Moscow E to NC Siberia (Russia). Winters SE Europe, Black & Caspian Seas.

[*L.c. kamtschatschensis*] NE Siberia. Winters SE Asia.

Other names: Mew Gull, Russian Common Gull (*heine*), Kamchatka Gull (*kamtschatschensis*).

**Ferdinand Heine** (1809–1894), German ornithologist and collector who amassed one of the largest private collection of specimens of the 19th century.

- Alfrey, P. & Ahmad, M.** 2007. Short-billed Gull on Terceira, Azores in February-March 2003 and identification of the 'Mew Gull complex'. *Dutch Birding* 29(4): 201-212.
- Alström, P.** 1993. Common Gull *Larus canus* Linnaeus recorded in India. *Journal of the Bombay Natural History Society* 90: 509-510.
- Balten, B. et al** 1993. Mystery photographs: possible hybrid Common x Mediterranean Gull. *Dutch Birding* 15(6): 267.
- Barth, E.K.** (1955). Egg-laying, incubation and hatching of the Common Gull (*Larus canus*). *Ibis* 97(2): 222-239.
- Bergman, G.** 1986. Feeding habits, accommodation to man, breeding success and aspects of coloniality in the Common Gull *Larus canus*. *Ornis Fennica* 63: 65-78.
- Bonaccorsi, G.** 2002. Le Goéland cendré *Larus canus* en Méditerranée: une synthèse [The Common Gull in the Mediterranean: an overview]. *Alauda* 70: 497-499.
- Bourne, W.R.P. & Patterson, I.J.** 1962. The spring departure of the Common Gull from Scotland. *Scottish Birds* 2: 1-15.
- Bowey, K. et al** 1995. Notes: Common Gull with juvenile plumage in late February. *British Birds* 88(1): 48.
- British Ornithologists' Union** 1994. British Ornithologists' Union Records Committee: Twentieth Report (December 1993). *Ibis* 136: 253-255.
- British Ornithologists' Union** 2007. British Ornithologists' Union Records Committee: 34th Report (October 2006). *Ibis* 149: 194-197.
- Bukaciński, D. & Bukacinska, M.** 2003. Common Gull *Larus canus*. *BWP Update* 5(1): 13-47.
- Bukaciński, D. et al** 1998. Low frequency of extra-pair paternity in common gulls (*Larus canus*) as revealed by DNA fingerprinting. *Journal für Ornithologie* 139(4): 413-420.
- Bukaciński, D. et al** 2000. Adoption of chicks and the level of relatedness in common gull, *Larus canus*, colonies: DNA fingerprinting analyses. *Animal Behaviour* 59(2): 289-299.

- Burton, N.H.K.** *et al* 2003. Numbers of wintering gulls in the UK, Channel Islands and Isle of Man: a review of the 1993 and previous Winter Gull Roost Surveys. *British Birds* 96(8): 376-401.
- Cade, M.** 1982. Notes: Plumage variability of immature Common and Ring-billed Gulls. *British Birds* 75(12): 580.
- Carey, G.J. & Kennerley, P.R.** 1996. 'Mew Gull': the first record for Hong Kong and the identification and systematics of Common Gull forms in east Asia. *Hong Kong Bird Report 1995* pp. 134-149.
- Catley, G.P.** 1982. Notes: Second-winter Common Gull with prominent tail band. *British Birds* 75(2): 88.
- Charles, D.** 2008. Ring-billed Gull breeding with Common Gull on Copeland Islands Co. Down. The first confirmed breeding record for Ring-billed Gull in the Western Palearctic. *Northern Ireland Bird Report xviii* p. 122.
- Clasper, B.** 1989. Notes: Ring-billed Gull displaying to Common Gull. *British Birds* 82(10): 447.
- Collins, C.** 2012. Birding in the Russian Far East. *Birding World* 25(3): 108-123 (plate 9, p. 116).
- Craik, J.C.A.** 1999. Breeding success of Common Gulls *Larus canus* in west Scotland part I. Observations at a single colony. *Atlantic Seabirds* 1(4): 169-181.
- Craik, J.C.A.** 2000. Breeding success of Common Gulls *Larus canus* in west Scotland part II. Comparison between colonies. *Atlantic Seabirds* 2(1): 1-12.
- DeBenedictis, P.** 1994. Letters: Ring-billed and Mews. *Birding* XXVI(4): 231.
- Edelaar, L. & Ebels, E.B.** 2009. Stormmeeuw met kenmerken van Kamtsjatkastormmeeuw bij Egmond aan Zee in februari 2005 [Mew Gull resembling Kamtschata Gull]. *Dutch Birding* 31(5): 291-298.
- Eggenhuizen, A.H.V.** 1987. Notes: Common Gulls with retained juvenile plumage. *British Birds* 80(12): 628.
- Eigenhuis, K.J.** 1990. Russische Stormmeeuw in Nederland [Russian Common Gulls in the Netherlands]. *Dutch Birding* 12(4): 191-192.
- Fraser, M.** 2003. ListCheck: Pending split, Common Gull. *Birdwatch* 135: 13.
- Géroutet, P.** 1994. Commentaires sur les colonisations marginales du Goéland cendré *Larus canus* [Comments on the colonization of marginal Common Gull *Larus canus*]. *Alauda* 62(1): 43-44.
- Géroutet, P.** 1995. Analyse et commentaires sur les colonisations marginales du Goéland cendré *Larus canus* en Europe occidentale [Analysis and comments on the colonization of marginal Common Gull *Larus canus* in Western Europe]. *Alauda* 63(1): 1-14.
- Götmark, F. & Anderson, M.** 1980. Breeding association between Common Gull *Larus canus* and Arctic Skua *Stercorarius parasiticus*. *Ornis Scandinavica* 11: 121-124.
- Götmark, F. & Anderson, M.** 1984. Colonial breeding reduces nest predation in the common gull (*Larus canus*). *Animal Behaviour* 32(2): 485-492.
- Grant, P.J.** 1982. Notes: Common Gull with retained juvenile plumage. *British Birds* 75(12): 578.
- Groot Koerkamp, G.** 1987. Notes: Common Gull with pale iris. *British Birds* 80(12): 628.
- Haviland, M.D.** 1916. The courtship of the Common Gull. *British Birds* 7(10): 278-280.
- Hayman, R.W.** 1953. Notes: Carrion Crow and Black-headed and Common Gulls 'playing' with objects in flight. *British Birds* 46(10): 377-378.
- Herroelen, P.** 1991. Russische Stormmeeuw in Nederland [Russian Common Gulls in the Netherlands]. *Dutch Birding* 13(1): 18.
- Hewitt, S.** 2013. Avian drop-catch play: a review. *British Birds* 106(4): 206-216 (208-211).
- Kehoe, C.** 1992. A possible hybrid Ring-billed Gull x Common Gull. *Birding World* 5(8): 312-313.
- Kehoe, C.** 2006. Racial identification and assessment in Britain: a report from the RIACT subcommittee. *British Birds* 99(12): 619-645 (629).
- Keijl, G.O. & Arts, F.A.** 1998. Breeding Common Gulls *Larus canus* in the Netherlands, 1900-96. *Sula* 12: 161-174.
- Kennerley, P.R.** 1991. Ageing of first and second-winter Common Gulls. *Hong Kong Bird Report 1989* p. 194.
- Kilpi, M.** 1995. Breeding success, predation and local dynamics of colonial Common Gulls *Larus canus*. *Annales Zoologici Fennici* 32(2): 175-182.
- King, J.R. & Carey, G.** 2000. Gulls in Japan. *Birding World* 13(4): 160-163.
- Koerkamp, G.G.** 1989. Waarnemingen van oostelijke Stormmeeuwen in Nederland [Observations of eastern Common Gulls in the Netherlands]. *Dutch Birding* 11(1): 25-27.
- Kok, D. & van Duivendijk, N.** 1998. Masters of Mystery Solution: 2nd winter Common Gull. *Dutch Birding* 20(1): 40.
- Kompanje, E.J.O. & Post, J.N.J.** 1993. Nieuwe vondsten van Russische Stormmeeuw in Nederland [New finds of Russian Common Gull in the Netherlands]. *Dutch Birding* 15(6): 254-258.

- Lauro, A.J. & Spencer, B.J.** 1980. A Method for separating juvenal and first-winter Ring-billed Gulls (*Larus delawarensis*) and Common Gull. *American Birds* 34(2): 111-117.
- Lewis, B.** 1994. Letters: Ring-billed and Mews. *Birding* XXVI(4): 230-231.
- Ludwigs, J-D.** 2001. Silbermöwe *Larus argentatus* erbeutet adulte Flusseeeschwalbe *Sterna hirundo* und Sturmmöwe *Larus canus* [Herring Gulls *Larus argentatus* preying upon Common Tern *Sterna hirundo* and Common Gull *L. canus*] *Limicola* 15(3): 162-165.
- Mauer, K.A.** 1984. Atypische Stormmeeuw op Schiermonnikoog in augustus 1983 [Atypical Common Gull on Schiermonnikoog in August 1983]. *Dutch Birding* 6(2): 57.
- Morris, P.I.** 1993. Notes: Common and Black-headed Gulls plunge diving after leaves. *British Birds* 86(2): 94.
- Musgrove, A.J. et al** 2011. Overwinter population estimates of British waterbirds. *British Birds* 104(7): 364-397 (391).
- O'Clery, M.** 2007. Breeding seabirds of the Magharees and related islands, County Kerry, 2006/2007. *Irish Birds* 8(2): 179-188.
- Oddie, B.** 1994. Possible Common Gull x Mediterranean Gull hybrid. *Dutch Birding* 16(2): 72.
- Oliver, P.J.** 1997. The breeding birds of Inner London, 1966-94. *British Birds* 90(6): 211-225 (218).
- Osborn, K.** 1985. Notes: Possible 'Eastern' Common Gull on Fair Isle. *British Birds* 78(9): 454.
- Pennington, M.G.** 1993. Notes: Apparent egg-dumping by Common Gulls. *British Birds* 86(4): 182.
- Perry, P.** 1987. Notes: Gulls feeding near humpback whale. *British Birds* 80(11): 575-576.
- Pullan, G. & Martin, J.** 2004. From the Rarities Committee's files: presumed hybrid gull resembling Franklin's Gull. *British Birds* 97(6): 264-269.
- Radford, M.C.** 1960. Common Gull movements shown ringing returns. *Bird Study* 7(2): 81-93.
- Rattiste, K. & Lilleleht, V.** 1987. Population ecology of the common gull *Larus canus* in Estonia. *Ornis Fennica* 64(1): 25-26.
- Riddiford, N.** 1995. Notes: Two Common Gulls sharing a nest. *British Birds* 88(2): 112.
- Sandison, I. & Okill, J.D.** 2012. Notes: Oystercatchers feeding Common Gull chick. *British Birds* 105(2): 101-102.
- Shepherd, K.B. & Votier, S.C.** 1993. Notes: Common Gull showing characteristics apparently consistent with North American race. *British Birds* 86(5): 220-223.
- Skriver, J.** 2008. Raw nature: Living death. *Birdwatch* 187: 28-29.
- Spencer, B.J. & Lauro, A.J.** 1984. Separating first basic Ring-billed and Common Gull. *Dutch Birding* 6(2): 55-57.
- Strangeman, P.J.** 1982. Notes: Bill colour of winter adult Common Gull. *British Birds* 75(6): 289.
- Sullivan, M.A.** 1988. Notes: Common Gulls successfully nesting on a roof in Aberdeen. *British Birds* 81(7): 324.
- Swann, R.L.** 1988. Notes: Common Gulls feeding on cherries. *British Birds* 81(8): 397.
- Tasker, M.L. et al** 1991. A census of the large inland Common Gull colonies of Grampian. *Scottish Birds* 16: 106-112.
- Tarrant, M.** 2002. An apparent hybrid gull in Lincolnshire. *Birding World* 15(6): 247.
- Terry, R.H.** 1990. Notes: Common Gull repeatedly dropping and retrieving object. *British Birds* 83(3): 122.
- Thompson, G.** 1997. Notes: Common, Black-headed and Mediterranean Gulls plunge-diving. *British Birds* 90(9): 360.
- Ticehurst, N.F.** 1920. The Common Gull breeding on Dungeness Beach. *British Birds* 13(12): 302-306.
- Tove, M.H.** 1993. Field Separation of Ring-billed, Mew, Common and Kamchatka Gulls. *Birding* XXV(6): 386-401.
- Trubridge, M.** 1980. Notes: Common Gull rolling eggs from adjacent nest into own. *British Birds* 73(5): 222-223.
- Upton, A.J.** 2003. Breeding seabirds on the Isle of Muck, Co. Antrim. *Northern Ireland Bird Report* 2001 pp. 111-122 (112).
- van Bemmelen, R.S.A. & Groenendijk, D.** 2003. Masters of Mystery Solution: 1st winter Mew Gull. *Dutch Birding* 25(4): 252-253.
- van Dijk, K. & Hiemstra, D.** 2004. Ruim 33 jaar oude Stormmeeuw in Groningen [Common Gull in Groningen more than 33 years old]. *Dutch Birding* 26(6): 301-304.
- Vaughan, H.** 1991. Notes: Common Gulls with pale irides. *British Birds* 84(8): 342.
- Vernon, J.D.R.** 1970. Feeding Habitats and Food of the Black-headed and Common Gulls. *Bird Study* 17(4): 287-296.
- Vincent, T.** 1985. The Common Gull *Larus canus* nesting in the Hode marshes (the Seine Estuary), western France. *Alauda* 53: 69-71.

- Vinicombe, K.** 2007. ID in depth: Ring-billed Gull. *Birdwatch* 178: 24-27.
- Vinicombe, K.** 2007. ID special: Moulting and ageing. Part one: the basics. *Birdwatch* 177: 28-30 (30).
- Walters, J.** 1978. The primary moult in four gull species near Amsterdam. *Ardea* 66: 32-47.
- Warden, D.** 1982. Notes: Apparent play by immature Common Gull. *British Birds* 75(3): 128.
- Wassink, A. & Oreel, G.J.** 2008. Birds of Kazakhstan: new and interesting data. *Dutch Birding* 30(2): 93-100 (96).
- Waters, R.** 1990. Notes: Common Gull catching and eating Yellowhammer. *British Birds* 83(3): 122.
- Webster, M.A.** 1968. Gulls of the South China coast. *Hong Kong Bird Report 1967* pp. 31-33 (32).
- Weidmann, U.** 1955. Some reproductive activities of the Common Gull, *Larus canus* L. *Ardea* 43: 85-132.
- Whilde, A.** 1977. A Preliminary Account of the Summer Populations of Gulls on Lough Corrib. *Irish Birds* 1(1): 59-62.
- Whilde, A.** 1983. A repeat survey of gulls breeding inland in the west of Ireland. *Irish Birds* 2(3): 344-345.
- Whilde, A.** 1984. Some Aspects of the Ecology of a Colony of Common Gulls. *Irish Birds* 2(4): 466-481.
- Whilde, A.** 1990. The 1990 spring movements of Common Gulls and Black-headed Gulls at Lough Corrib, Co. Galway. *Irish Birds* 4(2): 227-229.
- Whilde, A.** 1991. Spring movements of gulls on Lough Corrib: 1991 compared with 1990. *Irish Birds* 4(3): 420.
- Whilde, A. et al** 1993. A repeat survey of gulls breeding inland in Counties Donegal, Sligo, Mayo and Galway, with recent counts from Leitrim and Fermanagh. *Irish Birds* 5(1): 67-72.
- Yésou, P.** 1985. Atypical Common Gulls. *Dutch Birding* 7(3): 106.
- Yésou, P.** 1985. Separating Ring-billed and Common Gull. *Dutch Birding* 7(3): 105-106.

### Short-billed Gull

***Larus brachyrhynchus*** [Richardson 1831, Northwest Territories, Canada].

N Alaska & N Mackenzie region S to S British Columbia & N Saskatchewan. Winters S to coastal California.

Treated by del Hoyo *et al* 1996 as a race of Common Gull.

Other name: Mew Gull.

1st WP Record: [adult] 18th February 2003. Praia da Vitoria, Terceira, Azores. Peter Alfrey.

Remained until the 24th February at least (Alfrey & Ahmad 2007).

- Alfrey, P. & Ahmad, M.** 2007. Short-billed Gull on Terceira, Azores in February-March 2003 and identification of the 'Mew Gull complex'. *Dutch Birding* 29(4): 201-212.
- Buckley, P.A.** 1994. Letters: Ring-billed and Mews. *Birding* XXVI(4): 230.
- Carey, G.J. & Kennerley, P.R.** 1996. 'Mew Gull': the first record for Hong Kong and the identification and systematics of Common Gull forms in east Asia. *Hong Kong Bird Report 1995* pp. 134-149.
- DeBenedictis, P.** 1994. Letters: Ring-billed and Mews. *Birding* XXVI(4): 231.
- Hamilton, R.** 1997. Answers to the December Photo Quiz: first-winter Mew Gull. *Birding* XXIX(1): 62-64.
- Howell, S.N.G. & McKee, B.** 1998. Variation of second-year Mew Gulls. *Birders Journal* 7: 210-213.
- Kaufman, K.** 1988. Answers to June Photo Quiz: adult Mew Gull. *Birding* XX(4): 258-259.
- Kehoe, C.** 2006. Racial identification and assessment in Britain: a report from the RIACT subcommittee. *British Birds* 99(12): 619-645 (629).
- Lewis, B.** 1994. Letters: Ring-billed and Mews. *Birding* XXVI(4): 230-231.
- Lewis, R.H.** 1984. General Field Notes: Second Record of Mew Gull in North Carolina. *The Chat* 48(4): 94-95.
- Lowe, R.** 2010. Britain's first Mew Gull? Putative Mew Gull: Albert Village Lake, Leicestershire, from 4 March 2010. *Birdwatch* 215: 51.
- Shepherd, K.B. & Votier, S.C.** 1993. Notes: Common Gull showing characteristics apparently consistent with North American race. *British Birds* 86(5): 220-223.
- Tove, M.H.** 1985. First Utah records of Thayer's and Mew Gulls, with comments on their regional distribution and status. *Western Birds* 16(3): 147-150.
- Tove, M.H.** 1993. Field Separation of Ring-billed, Mew, Common and Kamchatka Gulls. *Birding* XXV(6): 386-401.
- Tuck, L.M.** 1968. Recent Newfoundland bird records. *The Auk* 85(2): 304-311 (307).
- Wahl, T.R.** 1975. Seabirds in Washington's offshore zone. *Western Birds* 6(4): 117-134 (127).

## Ring-billed Gull

*Larus delawarensis* [Ord 1815, Philadelphia, Pennsylvania].

N California, E Washington & British Colombia E to the Great Lakes & St Lawrence River. Winters S of breeding range and further S to US Gulf, C America & Greater Antilles with some to Britain & Ireland.

1st WP Record: [1st winter] 4th November 1945. Horta, Faial, Azores, recovered. It had been ringed at Penetang, Georgian Bay, Lake Huron, Ontario, Canada on the 10th June 1945 (Cooke 1947).

- Ahmed, R.** 2009. Identification special: Are you experienced? *Birdwatch* 205: 28-30.
- Astins, D.** 1992. Nearctic Gulls in the Western Palearctic. *Dutch Birding* 14(2): 53-54.
- Baillon, F. & Dubois, P.J.** 1992. Nearctic gull species in Senegal and The Gambia. *Dutch Birding* 14(2): 49-50.
- Barthel, P.H.** 1994. Rätselvogel 43: Ringschnabelmöwe *Larus delawarensis* [Mystery Bird 43: Ring-billed Gull *Larus delawarensis*]. *Limicola* 8(5): 270-274.
- Batty, C. et al** 2003. Winter gull gallery: 2002/2003. *Birding World* 16(3): 114-125.
- Blanchon, J.J. et al** 1983. Observations de Goélands à bec cerclé *Larus delawarensis* sur le littoral atlantique français [Observations of Ring-billed Gulls *Larus delawarensis* on the French Atlantic coast]. *Alauda* 51: 148-150.
- Bos, E. & de Heer, P.** 1982. Ring-billed Gulls on Canary Islands in March 1982. *Dutch Birding* 4(3): 90-91.
- Bourne, W.R.P.** 1995. Letters: Lost Great Auks and new breeding gulls. *British Birds* 88(7): 335.
- Brackbill, H.** 1978. Play by Ring-billed Gulls. *Bird Banding* 49: 282-283.
- Bristow, P.** 1989. Notes: Ring-billed Gulls apparently feeding on gulls' droppings. *British Birds* 82(2): 77.
- British Ornithologists' Union** 2004. British Ornithologists' Union Records Committee: 30th Report (October 2003). *Ibis* 146: 192-195.
- Buckley, P.A.** 1994. Letters: Ring-billed and Mews. *Birding* XXVI(4): 230.
- Burger, J. et al** 1979. Age differences in Ring-billed Gull kleptoparasitism on Starlings. *The Auk* 96(4): 806-808.
- Cade, M.** 1982. Notes: Plumage variability of immature Common and Ring-billed Gulls. *British Birds* 75(12): 580.
- Charles, D.** 2008. Ring-billed Gull breeding with Common Gull on Copeland Islands Co. Down. The first confirmed breeding record for Ring-billed Gull in the Western Palearctic. *Northern Ireland Bird Report xviii* p. 122.
- Clasper, B.** 1989. Notes: Ring-billed Gull displaying to Common Gull. *British Birds* 82(10): 447.
- Conover, M.R. & Miller, D.E.** 1978. Acoustical properties of the swoop-and-soar call of the Ring-billed Gull. *The Auk* 95(3): 599-602.
- Conover, M.R. et al** 1979. Female-female pairs and other unusual reproductive associations in Ring-billed and California Gulls. *The Auk* 96(1): 6-9.
- Conover, M.R. et al** 1979. Increasing populations of Ring-billed and California Gulls in Washington State. *Western Birds* 10: 31-36.
- Cooke, M.T.** 1947. Another transatlantic species. *Bird Banding* 18: 170.
- Davies, R.H. et al** 1984. Notes: Ring-billed Gulls displaying in West Glamorgan. *British Birds* 77(5): 208.
- Dawson, W.R. et al** 1976. Metabolism and thermoregulation in hatchling ring-billed gull. *The Condor* 78(1): 49-60.
- de Schutter, B.J.** 1992. Nearctic Gulls in the Western Palearctic. *Dutch Birding* 14(2): 54.
- DeBenedictis, P.** 1994. Letters: Ring-billed and Mews. *Birding* XXVI(4): 231.
- Eds.** 2010. Frontispiece: Adult winter Laughing Gull and adult winter Ring-billed Gull, Beaumont, Texas, USA, January 2007 - picture by Richard Millington. *Birding World* 23(3): 89.
- Elliott, M.** 1992. Masterguide: Ring-billed Gull confusion risks. *Birdwatch* 1(6): 44-48.
- Emlen, J.T. et al** 1966. Predator-induced parental neglect in a Ring-billed Gull colony. *Behavior* 33: 237-261.
- Fairbank, R.J.** 2002. Ring-billed Gull *Larus delawarensis* and Lesser Black-backed Gull *Larus fuscus* in Venezuela. *Cotinga* 17: 78.
- Gabrey, S.W.** 1996. Migration and dispersal in Great Lakes Ring-billed and Herring Gulls. *Journal of Field Ornithology* 67: 327-339.
- Grant, P.J.** 1973. Field identification of Ring-billed Gulls. *British Birds* 66: 115-118.
- Grantham, M.** 2004. Ringing in December. *Birding World* 17(11): 482.
- Hanisek, G.** 1996. Letters: More Fruit-eating Gulls. *Birding* XXVIII(3): 191.

- Harrop, H.R.** 1993. Mystery photographs: 1st winter Ring-billed Gull. *British Birds* 86(6): 268-269.
- Hayward, J.L. et al** 1982. Mount St. Helens ash: its impact on breeding Ring-billed and California Gulls. *The Auk* 99(4): 623-631.
- Hewitt, S.** 2013. Avian drop-catch play: a review. *British Birds* 106(4): 206-216 (208-211).
- Hillary, F.J.** 2009. Ring-billed Gull captures Barn Swallow in flight. *Wildlife Afield* 6(2): 160-161.
- Hoogendoorn, W. & Steinhaus, G.H.** 1990. Nearctic gulls in the Western Palearctic. *Dutch Birding* 12(3): 109-164.
- Hoogendoorn, W.** 1982. Ring-billed Gull in Morocco in August 1982. *Dutch Birding* 4(3): 91-92.
- Hoogendoorn, W. et al** 2003. Interesting gull records at Porto, Portugal, in March-April 2001. *Dutch Birding* 25(4): 246-247.
- Howell, S.N.G.** 2000. Letters: Moults and age of first year 'white-winged' gulls. *British Birds* 93(2): 99.
- Howells, R.J.** 1986. Notes: Ring-billed Gulls displaying in West Glamorgan. *British Birds* 79(1): 42.
- Hume, R.A.** 1973. Ring-billed Gull in Glamorgan: a species new to Britain and Ireland. *British Birds* 66: 509-512.
- Hume, R.A.** Ring-billed Gull in West Glamorgan, pp. 184-190. Found in: **Sharrock, J.T.R. & Grant, P.J.** 1982. *Birds new to Britain and Ireland*. T. & A.D. Poyser.
- Kaufman, K.** 1989. Answers to the June Photo Quiz: juvenal - first basic Ring-billed Gull. *Birding* XXI(4): 213-215.
- Kaufman, K.** 1993. Answers to the October Photo Quiz: Ring-billed Gull. *Birding* XXV(6): 432-433.
- Kehoe, C.** 1992. A possible hybrid Ring-billed Gull x Common Gull. *Birding World* 5(8): 312-313.
- King, B.** 1981. Notes: Caspian Terns sun-bathing with Ring-billed Gulls. *British Birds* 74(4): 181.
- Kinkel, L.K.** 1993. Ringside Seat – Observing a raucous colony of Ring-billed Gulls. *Birder's World* 7(2): 38-41.
- Kovacs, K.M. & Ryder, J.P.** 1981. Nest-site tenacity and mate fidelity in female-female pairs of Ring-billed Gulls. *The Auk* 98(3): 625-627.
- Lansdown, P.** 1998. Mystery photographs: Ring-billed Gull. *British Birds* 91(3): 90-92.
- Lauro, A.J. & Spencer, B.J.** 1980. A Method for separating juvenal and first-winter Ring-billed Gulls (*Larus delawarensis*) and Common Gull. *American Birds* 34(2): 111-117.
- Lewis, B.** 1994. Letters: Ring-billed and Mews. *Birding* XXVI(4): 230-231.
- Lowe, T.** 2012. Apparent hybrid Ring-billed x Lesser Black-backed Gulls in Shropshire and Spain. *Birding World* 25(4): 159-163.
- McGeehan, A.** 1998. Identification: Ring-billed ruffians. *Birdwatch* 67: 30-35.
- McGraw, K.J. & Hardy, L.S.** 2006. Astaxanthin is responsible for the pink plumage flush in Franklin's and Ring-billed gulls. *Journal of Field Ornithology* 77(1): 29-33.
- Miller, D.E. & Conover, M.R.** 1979. Differential effects of chick vocalizations and bill-pecking on parental behaviour in the Ring-billed Gull. *The Auk* 96(2): 284-295.
- Millington, R.** 2009. Gulls winter 2008/9 - a photo gallery. *Birding World* 22(2): 78-86.
- Moerbeek, D.J. & Hoogendoorn, W.** 1993. Ringsnavelmeeuw in Belgisch-Nederlands grensgebied in april 1992 [Ring-billed Gull in Belgian-Dutch border area in April 1992]. *Dutch Birding* 15(6): 249.
- Mullarney, K.** 1980. Ring-billed Gulls in Co. Mayo - A Species New to Ireland. *Irish Birds* 1(4): 517-525.
- Mullarney, K.** 1982. Mystery photographs: 1st winter Ring-billed Gull. *Dutch Birding* 4(1): 20-22.
- Olsen, K.M.** 2003. Die Bestimmung der Ringschnabelmöwe *Larus delawarensis* [Identification of Ring-billed Gull *Larus delawarensis*]. *Limicola* 17(3): 105-131.
- O'Sullivan, O.** 1984. Ring-billed Gull in Morocco in April 1983. *Dutch Birding* 6(2): 54.
- Peltomäki, J.** 2000. Finland Next - Ring-billed Gull. *Alula* 6(1): 2-6.
- Poelmans, W. & van Saksenstraat, A.** 1992. Nearctic Gulls in the Western Palearctic. *Dutch Birding* 14(2): 54.
- Rendall, A.** 1991. Eine Ringschnabelmöwe *Larus delawarensis* in Bayern [Ring-billed Gull *Larus delawarensis* in Bavaria]. *Limicola* 5(5): 248-250.
- Ryder, J.P. & Somppi, P.L.** 1979. Female-female pairing in Ring-billed Gulls. *The Auk* 96(1): 1-5.
- Schrijvershof, P.G. & Schrijvershof, R.** 1988. Ringsnavelmeeuw te Europoort in juli 1986 [Ring-billed Gull at Europoort in July 1986]. *Dutch Birding* 10(1): 20-23.
- Southern, L.K. & Southern, W.E.** 1982. Effect of habitat decimation on Ring-billed Gulls colony and nest-site tenacity. *The Auk* 99(2): 328-331.
- Spencer, B.J. & Lauro, A.J.** 1984. Separating first basic Ring-billed and Common Gull. *Dutch Birding* 6(2): 55-57.
- Sprague, J.B.** 1996. Letters: More Fruit-eating Gulls. *Birding* XXVIII(3): 191.
- Todd, V. & Morrin, E.** 2013. Celtic sea Ring-billed Gull *Larus delawarensis*. *Irish Birds* 9(4): 638.

- Topp, A. & Vasamies, H.** 1997. Photonews. *Alula* 3(2): 93.
- Tove, M.H.** 1993. Field Separation of Ring-billed, Mew, Common and Kamchatka Gulls. *Birding* XXV(6): 386-401.
- Udvardy, M.D.F. & Sall, T.** 1987. A Ring-billed Gull on the Galapagos Islands. *Western Birds* 18: 175-176.
- van den Berg, A.B.** 1989. Bird records in Morocco in December 1987 and January 1988. *Dutch Birding* 11(1): 31-34.
- Vermeer, K.** 1970. *Breeding biology of California and Ring-billed Gulls*. Canadian Wildlife Service Report No. 12.
- Vinicombe, K.** 1973. A second Ring-billed Gull in Glamorgan. *British Birds* 66(12): 513-517.
- Vinicombe, K.** 1985. Ring-billed Gulls in Britain and Ireland. *British Birds* 78(7): 327-337.
- Vinicombe, K.** 1988. Identification pitfalls and assessment problems 9. Ring-billed Gull. *British Birds* 81(3): 126-134.
- Vinicombe, K.** 2007. ID in depth: Ring-billed Gull. *Birdwatch* 178: 24-27.
- Wahl, T.R.** 1975. Seabirds in Washington's offshore zone. *Western Birds* 6(4): 117-134 (127).
- Watson, F.J.** 1983. Notes: Leg and bill colours of Ring-billed Gull. *British Birds* 76(12): 576.
- Wegst, C.** 2004. Eine Ringschnabelmöwe *Larus delawarensis* ohne schwarzen Schnabelring [A Ring-billed Gull *Larus delawarensis* without a black bill ring]. *Limicola* 18(4): 202-204.
- White, R.** 1992. Letters: Ring-billed Gull tracking. *Birding World* 5(11): 446.
- Wilson, A.** 1996. Letters: Ring-billed in Europe. *Birding* XXVIII(1): 11-12.
- Wood, C.L.** 2004. Photo Salon: Identification of Birds in Flight. *Birding* 36(3): 246-252 (247).
- Yésou, P.** 1985. Separating Ring-billed and Common Gull. *Dutch Birding* 7(3): 105-106.

## California Gull

***Larus californicus*** [Lawrence 1854, Stockton, California].

[*L.c. californicus*] E Washington & the Great Basin region E to C Montana & Wyoming. Winters SW Canada to SW Mexico.

[*L.c. albertainensis*] Great Slave Lake (NW Territories), Alberta & W Manitoba to S Dakota. Winters SW Canada S to SW Mexico.

- Behle, W.H. & Selander, R.K.** 1953. The plumage cycle of the California Gull with notes on color changes of soft parts. *The Auk* 70(3): 239.
- Chappell, M.A. et al** 1984. Oxygen consumption, evaporative water loss, and temperature regulation of California gull chicks (*Larus californicus*) in a desert rookery. *Physiological Zoology* 57(2): 204-214.
- Conover, M.R. et al** 1979. Female-female pairs and other unusual reproductive associations in Ring-billed and California Gulls. *The Auk* 96(1): 6-9.
- Conover, M.R. et al** 1979. Increasing populations of Ring-billed and California Gulls in Washington State. *Western Birds* 10: 31-36.
- Doherty, P.** 1992. Letters: Armenian Gull and California Gull. *Birding World* 5(3): 117-118.
- Hayward, J.L. et al** 1982. Mount St. Helens ash: its impact on breeding Ring-billed and California Gulls. *The Auk* 99(4): 623-631.
- Hill, C.E.** 2010. General Field Notes: First Record of California Gull (*Larus californicus*) for South Carolina. *The Chat* 74(4): 102-103.
- Jehl Jr., J.R.** 1987. Geographic variation and evolution in the California Gull (*Larus californicus*). *The Auk* 104(3): 421-428.
- Meyers, R.A. & Mathias, E.** 1997. Anatomy and Histochemistry of Spread-Wing Posture in Birds. 2. Gliding Flight in the California Gull, *Larus californicus*: A Paradox of Fast Fibers and Posture. *Journal of Morphology* 233: 237-247.
- Pugesek, B.H. & Diem, K.L.** 2008. Timing and Location of Mortality of Fledgling, Subadult, and Adult California Gulls. *The Wilson Journal of Ornithology* 120(1): 159-166.
- Rodriguez, E.F. et al** 1996. A sexing technique for California Gulls breeding at Bamforth Lake, Wyoming. *Journal of Field Ornithology* 67: 519-524.
- Schnell, G.D. et al** 1985. Morphometric assessment of sexual dimorphism in skeletal elements of California Gulls. *The Condor* 87: 484-493.
- Vermeer, K.** 1970. *Breeding biology of California and Ring-billed Gulls*. Canadian Wildlife Service Report No. 12.
- Wahl, T.R. & Tweit, B.** 2000. Seabird abundances off Washington, 1972-1998. *Western Birds* 31(2): 69-88 (79).
- Wahl, T.R.** 1975. Seabirds in Washington's offshore zone. *Western Birds* 6(4): 117-134 (127).



## Great Black-backed Gull

*Larus marinus* [Linnaeus 1758, Gotland, Sweden].

Great Lakes, E Canada & coastal E USA S to N Carolina and S Greenland, Iceland, Britain, Ireland, NW France & Scandinavia E to White Sea. Winters S to W Indies and Iberia & extreme NW Africa.

- Baxter, P. & Gibbins, C.** 2007. Identification of Kumlien's and American Herring Gull and other large gulls at St. John's, Newfoundland. *Birding World* 20(4): 162-175.
- Beaman, M.A.S.** 1978. The feeding and population ecology of the Great Black-backed Gull in northern Scotland. *Ibis* 120: 126-127.
- Bertolero, A. et al** 2008. *Gaviotas cabecinegra, picofina, de Audouin y tridáctila, y gavión atlántico en España. Población en 2007 y método de censo* [Mediterranean Gull, Slender-billed Gull, Audouin's Gull, Great Black-backed Gull, Kittiwake in Spain. Population in 2007 and method of census] [online PDF] Available from: <http://www.seo.org/media/docs/22gaviesc07.pdf>. SEO/BirdLife. Madrid [Accessed June 2011].
- Boardman, P.** 1987. Notes: Piracy by Great Black-backed Gull on Great Crested Grebe. *British Birds* 80(3): 114.
- Boertmann, D. et al** 2006. The importance of Southwest Greenland for wintering seabirds. *British Birds* 99(6): 282-298.
- Booth, C.J. & Adam, R.G.** 2006. Predation of European Storm-petrels by Great Black-backed Gulls on the island of Auskerry, Orkney. *Scottish Birds* 26: 43-45.
- Bourne, W.R.P.** 1993. Behaviour notes: Birds breeding on Rockall. *British Birds* 85(1): 16-17.
- Bourne, W.R.P.** 1997. Was Richard Meinertzhagen's record of a Great Black-backed Gull *Larus marinus* really Heuglin's Gull *L. heuglini*? *Journal of the Bombay Natural History Society* 94: 159-160.
- Brown, A. et al** 2011. Seabirds on Lundy: their current status, recent history and prospects for the restoration of a once-important bird area. *British Birds* 104(3): 139-158.
- Brown, J.G.** 2005. Letters: Gulls on Skomer. *British Birds* 98(10): 553.
- Buckley, N.J.** 1987. *Aspects of the biology of the Great Black-backed Gull (Larus marinus) in southern Ireland*. MSc thesis, University College Cork.
- Butler, R.G. & Janes-Butler, S.** 1982. Territoriality and behavioural correlates of reproductive success of Great Black-backed Gulls. *The Auk* 99: 58-66.
- Casler, C.L.** 1996. First record of the Great Black-backed Gull (*Larus marinus*) in Venezuela. *Boletín del Centro de Investigaciones Biológicas* 30: 1-7.
- Coulson, J.C. et al** 1984. Origin and behaviour of Great Black-backed Gulls wintering in northeast England. *British Birds* 77(1): 1-11.
- de Heer, P.** 1981. On Great Black-backed Gulls with Orange Legs. *Dutch Birding* 3(1): 9.
- Donehower, C.E.** 2006. Likely Predation of Adult Glossy Ibis by Great Black-backed Gulls. *The Wilson Journal of Ornithology* 118(3): 420-422.
- Edelaar, L.** 2008. Mogelijke hybride Grote Burgemeester x Grote Mantelmeeuw bij Ijmuiden in januari-maart 2007 en herkenning [Possible Glaucous x Great Black-backed Gull at Ijmuiden in January 2007]. *Dutch Birding* 30(4): 224-228.
- Eds.** 2007. Frontispiece: Juvenile Great Black-backed Gull, Newfoundland, Canada, 17th September 2006 - picture by Bruce Mactavish. *Birding World* 20(11): 441.
- Grant, P.** 1989. Quizbird Solution: 1st year Great Black-backed Gull. *Birding World* 2(10): 366-377.
- Heaney, V. et al** 2008. Important Bird Areas: Breeding seabirds on the Isles of Scilly. *British Birds* 101(8): 418-438.
- Hewitt, S.** 2013. Avian drop-catch play: a review. *British Birds* 106(4): 206-216 (208-211).
- Hudson, A.** 1982. Great Black-backed Gulls on Great Saltee Island, 1980. *Irish Birds* 2(2): 167-175.
- Hudson, A.V. & Furness, R.W.** 1988. The behaviour of seabirds foraging at fishing boats around Shetland. *Ibis* 131: 225-237.
- Ingolfsson, A.** 1970. The moult of remiges and retrices of Great Black-backed Gulls *Larus marinus* and Glaucous Gulls *L. hyperboreus* in Iceland. *Ibis* 112: 83-92.
- Jehl Jr., J.R.** 1960. A Probable Hybrid of *Larus argentatus* and *L. marinus*. *The Auk* 77(3): 343-345.
- Jönsson, O.** 2011. Great Black-backed Gulls breeding at Khniffis Lagoon, Morocco and the status of Cape Gull in the Western Palearctic. *Birding World* 24(2): 68-76.
- Keijl, G.O. et al** 1995. Great Black-headed Gull in Tunisia in February 1994. *Dutch Birding* 17(1): 17-18.
- Kok, D. & van Duivendijk, N.** 2002. Masters of Mystery Solution: 1st year Great Black-backed Gull. *Dutch Birding* 24(1): 32.

- Kristiansen, K.O. et al** 2006. Carotenoid coloration in great black-backed gull *Larus marinus* reflects individual quality. *Journal of Avian Biology* 37: 6-12.
- Kury, C.R. & Gochfeld, M.** 1975. Human interference and gull predation in cormorant colonies. *Biological Conservation* 8(1): 23-34.
- Lewis, R.H.** 1996. Letters: Great Black-backed Gull Eyes. *Birding* XXVIII(2): 98.
- Lloyd, C.S.** 1981. The Seabirds of Great Saltee. *Irish Birds* 2(1): 1-37 (15-17).
- Merne, O.J. & Walsh, A.** 2005. Breeding seabirds of the Skelligs, County Kerry. *Irish Birds* 7(4): 461-474.
- Millington, R.** 2009. Gulls winter 2008/9 - a photo gallery. *Birding World* 22(2): 78-86.
- Morgan, G.** 2012. The bird population of Ramsey and Grassholm. *British Birds* 105(12): 716-732.
- Musgrove, A.J. et al** 2011. Overwinter population estimates of British waterbirds. *British Birds* 104(7): 364-397 (392).
- Nikander, P.J.** 1996. Nuoret isot lokit [Juvenile large gulls]. *Alula* 2(1): 8-15.
- Nocera, J.J. & Kress, S.W.** 1996. Nocturnal predation on common terns by great black-backed gulls. *Colonial Waterbirds* 19(2): 277-279.
- O'Clery, M.** 2007. Breeding seabirds of the Magharees and related islands, County Kerry, 2006/2007. *Irish Birds* 8(2): 179-188.
- Perry, P.** 1987. Notes: Gulls feeding near humpback whale. *British Birds* 80(11): 575-576.
- Pollock, C.M.** 1994. Observations on the distribution of seabirds off south-west Ireland. *Irish Birds* 5(2): 173-182.
- Prince, E. & Wilson, J.** 2009. Notes: Great Black-backed Gull killing rival and stealing mate. *British Birds* 102(4): 218.
- Stagg, A.** 2004. Notes: Great Black-backed Gull behaviour. *British Birds* 97(7): 352.
- Sternkopf, V. et al** 2010. Introgressive hybridization and the evolutionary history of the herring gull complex revealed by mitochondrial and nuclear DNA. *BMC Evolutionary Biology* 10: 348 doi:10.1186/1471-2148-10-348 [online PDF] Available from: <http://www.biomedcentral.com/1471-2148/10/348> [Accessed December 2010].
- Upton, A.J.** 2003. Breeding seabirds on the Isle of Muck, Co. Antrim. *Northern Ireland Bird Report 2001* pp. 111-122 (113).
- van Kreuningen, J.** 1980. Great Black-backed Gull *Larus marinus* with Orange Legs. *Dutch Birding* 2(1): 14.
- Verbeek, N.A.M.** 1979. Some aspects of the breeding biology and behaviour of the Great Black-backed Gull. *The Wilson Bulletin* 91: 575-582.
- Vinicombe, K.** 2007. ID at a glance: Juvenile Yellow-legged Gull. *Birdwatch* 182: 28-30.
- Walters, J.** 1978. The primary moult in four gull species near Amsterdam. *Ardea* 66: 32-47.
- Whilde, A.** 1977. A Preliminary Account of the Summer Populations of Gulls on Lough Corrib. *Irish Birds* 1(1): 59-62.
- Whilde, A.** 1978. A Survey of Gulls breeding inland in the West of Ireland in 1977 and 1978 and a review of the inland breeding habit in Ireland and Britain. *Irish Birds* 1(2): 134-160.
- Whilde, A.** 1983. A repeat survey of gulls breeding inland in the west of Ireland. *Irish Birds* 2(3): 344-345.
- Whilde, A. et al** 1993. A repeat survey of gulls breeding inland in Counties Donegal, Sligo, Mayo and Galway, with recent counts from Leitrim and Fermanagh. *Irish Birds* 5(1): 67-72.

## Kelp Gull

***Larus dominicanus*** [Lichtenstein 1823, coasts of Brazil].

[*L.d. dominicanus*] Coastal S America, Falkland Islands, South Georgia, New Zealand & Australia.

[*L.d. vetula*] Coastal S Africa & Namibia.

[*L.d. judithae*] Kerguelen & the Crozet Islands (Indian Ocean).

[*L.d. melisandae*] Coasts of SW & S Madagascar.

[*L.d. austinus*] Antarctica.

Treated by del Hoyo *et al* 1996 as monotypic.

Other names: Southern Black-backed Gull, Black-backed Gull, Dominican Gull, Cape Gull (*vetula*), Khoisan Gull (*vetula*), Kerguelen Kelp Gull (*judithae*), Chandeaur Gull (hybrid Kelp x American Herring Gull).

1st WP Record (*L.d. dominicanus*): [adult] 23rd April 1997. Zira Islet, Banc d'Arguin National Park, Mauritania (Pineau *et al* 2001).

1st WP Record (*L.d. vetula*): January 1995. Jardin des Plantes Zoo, Paris, France. Remained until the following month. Record originally assigned to category D but later accepted to category A by the CAF (Jiguet *et al* 2004).

- Bassett, J. et al** 1988. Kelp Gulls (*Larus dominicanus*) in the Antarctic pack ice and at Australian Antarctic stations. *Emu* 88(4): 258-259.
- Battam, H.** 1970. The Dominican Gull on the Five Islands, New South Wales. *Australian Bird Bander* 8: 32-33.
- Bergier, P. et al** 2009. Cape Gull: a new breeding species in the Western Palearctic. *Birding World* 22(6): 253-256.
- Bernstein, N.P.** 1983. Influence of pack ice on non-breeding Southern Black-backed Gulls (*Larus dominicanus*) in Antarctica. *Notornis* 30(1): 1-6.
- Bertellotti, M. & Yorio, P.** 1999. Spatial and temporal patterns in the diet of the Kelp Gull in Patagonia. *The Condor* 101(4): 790-798.
- Bertellotti, M. et al** 2001. Use of tips by nesting Kelp Gulls at a growing colony in Patagonia. *Journal of Field Ornithology* 72(3): 338-348.
- Branco, J.O. & Ebert, L.A.** 2002. Estrutura populacional de *Larus dominicanus* Lichtenstein, 1823 no estuário do Saco da Fazenda, Itajaí, Santa Catarina, Brasil [Population structure of *Larus dominicanus* Lichtenstein, 1823 in the estuary of the Saco da Fazenda, Itajaí, Santa Catarina, Brazil]. *Ararajuba* 10(1): 79-82.
- Branco, J.O. et al** 2008. Reprodução de *Larus dominicanus* (Aves, Laridae) em ambiente urbano [Reproduction of *Larus dominicanus* (Ave, Laridae) in urban areas]. *Revista Brasileira de Ornitologia* 16(3): 240-242.
- Brooke, R.K. & Cooper, J.** 1979. The distinctiveness of South African *Larus dominicanus* (Aves: Laridae). *Durban Museum Novitates* 12: 27-37.
- Brooke, R.K. & Cooper, J.** 1979. What is the feeding niche of the Kelp Gull in South Africa? *Cormorant* 7: 27-29.
- Brooke, R.K.** 1976. Correspondence: Field discrimination of *Larus fuscus* and *L. dominicanus*. *Ibis* 118(4): 594.
- Brunton, P.M.** 1978. Toheroa predation by Black-backed Gulls on Dargaville Beach, North Auckland, New Zealand. *Notornis* 25(2): 128-140.
- Burger, J. & Gochfeld, M.** 1981. Colony and habitat selection of six Kelp Gull *Larus dominicanus* colonies in South Africa. *Ibis* 123: 298-310.
- Burger, J. & Gochfeld, M.** 1981. Nest site selection by Kelp Gulls in Southern Africa. *The Condor* 83(3): 243-251.
- Buurmann, D. & Shirihai, H.** 2003. Kaikoura, New Zealand: the World's No.1 site for seabirds and marine mammals. *Birding World* 16(4): 161-172 (164).
- Carniel, V.L. & Krul, R.** 2010. Numbers, timing of breeding, and eggs of Kelp Gulls *Larus dominicanus* (Charadriiformes: Laridae) on Currais Islands in southern Brazil. *Revista Brasileira de Ornitologia* 18(3): 146-151.
- Clark, G.S. et al** 1992. Notes on the seabirds of the Cape Horn islands. *Notornis* 39(2): 133-144.
- Clarke, R.H. & Schulz, M.** 2005. Land-based observations of seabirds off sub-Antarctic Macquarie Island during 2002 and 2003. *Marine Ornithology* 33: 7-17 (15).
- Close, D.H.** 1981. The Kelp Gull in South Australia. *South Australian Ornithologist* 28: 155-156.
- Coulson, R. & Coulson, G.** 1993. Diets of the Pacific Gull *Larus pacificus* and the Kelp Gull *Larus dominicanus* in Tasmania. *Emu* 93: 50-53.
- Coulson, R. & Coulson, G.** 1998. Population change among Pacific, Kelp and Silver Gulls using natural and artificial feeding sites in south-eastern Tasmania. *Wildlife Research* 25(2): 183-198.
- Crawford, R.J.M. et al** 1982. Distribution, population size, breeding and conservation of the Kelp Gull in Southern Africa. *Ostrich* 53(3): 164-177.
- Crawford, R.J.M. et al** 1997. Seasonal patterns of abundance of Kelp Gull at breeding and non-breeding localities in southern Africa. *Ostrich* 68(1): 37-41.
- Crawford, R.J.M. et al** 2009. Trends in numbers of Kelp Gulls *Larus dominicanus* off western South Africa, 1978–2007. *Ostrich* 80(3): 139-143.
- Crochet, P-A.** 2007. Western Palearctic birding in Mauritania. *Birding World* 20(9): 383-394 (392).
- Dantas, G.P.deM. & Morgante, J.S.** 2010. Breeding Biology of Kelp Gulls on the Brazilian Coast. *The Wilson Journal of Ornithology* 122(1): 39-45.
- Dantas, G.P.deM. et al** 2010. Sex ratio of the Kelp Gull *Larus dominicanus* (Charadriiformes: Laridae) on the Brazilian coast. *Revista Brasileira de Ornitologia* 18(3): 152-156.
- Dittmann, D.L. & Cardiff, S.W.** 1998. Kelp Gull and Herring x Kelp Gull hybrids: A new saga in gull ID problems. *Louisiana Ornithological Society News* 181: 5-7.
- Dittmann, D.L. & Cardiff, S.W.** 2005. The 'Chandeleur' Gull, Origins and Identification of Kelp x Herring Gull Hybrids. *Birding* 37(3): 266-276.

- Duffy, D.C. et al** 1987. Food size and aggressive interactions between two species of gulls: an experimental approach to resource partitioning. *Ostrich* 58(4): 164-167.
- Eds.** 1984. Kelp Gull: future addition to western Palearctic list. *Dutch Birding* 6(4): 147.
- Etherington, G.** 2002. OrnithoNews: Kelp Gull taxonomy. *Birding World* 15(5): 178.
- Fordham, R.A. & Cormack, R.M.** 1970. Mortality and population change of *dominican* gulls in Wellington, New Zealand. *Journal of Animal Ecology* 39(1): 13-27.
- Fordham, R.A.** 1967. Durability of bands on Dominican Gulls. *Notornis* 14: 28-30.
- Gandini, P.A. & Frere, E.** 1998. Seabird and shorebird diversity and associated conservation problems in Puerto Deseado, Patagonia, Argentina. *Ornitologia Neotropical* 9: 13-22 (19).
- Guy, G.** 1947. Black-backed Gulls attacking prion. *Notornis* 2(6): 133.
- Haase, B.** 1996. Kelp Gull *Larus dominicanus*: a new breeding species for Ecuador. *Cotinga* 5: 73-74.
- Harris, M.P. & Bode, K.G.** 1981. Populations of Little Penguins, Short-tailed Shearwaters and other Seabirds on Phillip Island, Victoria, 1978. *Emu* 81(1): 20-28.
- Hayes, F.E. et al** 2002. First records of Kelp Gull *Larus dominicanus* for Trinidad and Barbados. *Cotinga* 18: 85-88.
- Hess, P.** 2004. News and Notes: Kelp Gulls in Spotlight. *Birding* 36(3): 238-239.
- Hockey, P.A.R.** 1980. Kleptoparasitism by Kelp Gulls, *Larus dominicanus* of African Black Oystercatchers *Haematopus moquini*. *Cormorant* 8: 97-98.
- Howell, S.N.G. et al** 1993. First Records of the Kelp Gull in Mexico. *The Euphonia* 2(4): 71-80.
- Hursthouse, E.W.** 1948. Notes on Black-backed Gull. *Notornis* 3(1): 25-26.
- Jiguet, F.** 2001. Identification of Kelp Gull. *Birding World* 14(3): 112-125.
- Jiguet, F.** 2002. Taxonomy of the Kelp Gull *Larus dominicanus* Lichtenstein, inferred from biometrics and wing pattern, including two undescribed subspecies. *Bulletin of the British Ornithologist' Club* 122: 50-71.
- Jiguet, F.** 2003. Kelp Gull in France in January 1995. *Dutch Birding* 25(5): 327.
- Jiguet, F. et al** 2004. A Cape Gull in Paris - a new European bird. *Birding World* 17(2): 62-70.
- Jönsson, O.** 2011. Great Black-backed Gulls breeding at Khniffis Lagoon, Morocco and the status of Cape Gull in the Western Palearctic. *Birding World* 24(2): 68-76.
- Jukes, W.M.** 1978. Golfing gulls. *Notornis* 25(4): 352.
- Kinsky, F.C.** 1963. The Southern Black-backed Gull (*Larus dominicanus*) Lichtenstein. *Records of the Dominion Museum* 4: 149-219.
- La Sala, L. & Martorelli, S.** 2010. First Report of Olrog's Gull Depredation by Sympatric Kelp Gulls. *The Wilson Journal of Ornithology* 122(1): 188-189.
- Lambert, K.** 2005. The spatial and seasonal occurrence of seabirds (Aves) off southern Mozambique. *Durban Museum Novitates* 30: 45-60 (55).
- Lehman, P.** 1999. Letters: The spread of Kelp Gull. *Birding World* 12(6): 253.
- Liebers, D. et al** 2004. OrnithoNews: Herring Gull is no longer 'Lord of the Rings'. *Birding World* 17(4): 176.
- Maxson, S.J. & Bernstein, N.P.** 1984. Breeding season time budgets of the Southern Black-Backed Gull in Antarctica. *The Condor* 86(4): 401-409.
- Mulder, J. & de Ridder, J.** 1985. Kelp Gull in Kenya in January 1984. *Dutch Birding* 7(4): 138-139.
- Oliver, W.R.P.** 1953. Black-backed Gull breeding at high altitudes. *Notornis* 5(3): 82.
- Pineau, O. et al** 2001. The Kelp Gull at Banc d'Arguin - a new Western Palearctic bird. *Birding World* 14(3): 110-111.
- Prater, T.** 2012. Important Bird Areas: St. Helena. *British Birds* 105(11): 638-653 (645).
- Prince, P.A. & Payne, M.R.** 1979. Current status of birds at South Georgia. *British Antarctic Survey Bulletin* 48: 103-118.
- Powlesland, R.G.** 1996. Extended parental care of the Southern Black-backed Gull (*Larus dominicanus*). *Notornis* 43(4): 196.
- Quintana, F. & Yorio, P.** 1998. Competition for nest sites between Kelp Gulls (*Larus dominicanus*) and terns (*Sterna maxima* and *S. eurygnatha*) in Patagonia. *The Auk* 115(4): 1068-1071.
- Quintana, R.D. et al** 2001. Nest materials of skuas (*Catharacta* spp.) and kelp gulls (*Larus dominicanus*) at Cierva Point, Antarctic Peninsula. *Notornis* 48(4): 235-241.
- Schiavini, A. & Yorio, P.** 1995. Distribution and abundance of seabird colonies in the Argentine sector of the Beagle Channel, Tierra del Fuego. *Marine Ornithology* 23: 39-46.
- Simeone, A. et al** 2003. Breeding distribution and abundance of seabirds on islands off north-central Chile. *Revista Chilena de Historia Natural* 76: 323-333 (328).
- Spurr, E.B. et al** 1990. Bird species recorded at Cape Bird, Ross Island, Antarctica. *Notornis* 37(1): 37-44.

- Steele, W.K. & Hockey, P.A.R.** 1990. Population Size, Distribution and Dispersal of Kelp Gulls in the Southwestern Cape, South Africa. *Ostrich* 61(3): 97-106.
- Steele, W.K. & Hockey, P.A.R.** 1995. Factors influencing rate and success of intraspecific kleptoparasitism among kelp gulls (*Larus dominicanus*). *The Auk* 112(4): 847-859.
- Steele, W.K.** 1992. Diet of Hartlaub's Gull *Larus hartlaubii* and the Kelp Gull *L. dominicanus* in the southwestern Cape Province, South Africa. *Ostrich* 63(2-3): 68-82.
- Taylor, H.** 1953. Black-backed Gull colony on Wairuna Peak. *Notornis* 5(4): 127.
- Walker, D.** 2001. Inside stories: Are we looking at a British first? *Birdwatch* 113: 7.
- Whittington, P.A. et al** 2006. Seasonal patterns in numbers of Kelp Gulls *Larus dominicanus vetula* in the Port Elizabeth area and on Bird Island, Algoa Bay. *Ostrich* 77(3-4): 195-201.
- Williams, A.J.** 2004. Is that a Kelp, Cape or Khoisan Gull. *Bird Numbers* 13(1): 21-23.
- Williams, A.J. et al** 1984. Aspects of the breeding biology of the Kelp Gull at Marion Island and in South Africa. *Ostrich* 55(3): 147-157.
- Woehler, E.J. & Croxall, J.P.** 1997. The status and trends of Antarctic and sub-Antarctic seabirds. *Marine Ornithology* 25: 43-66.
- Yorio, P. & Quintana, F.** 1997. Predation by Kelp Gulls *Larus dominicanus* at a mixed-species colony of Royal Terns *Sterna maxima* and Cayenne Terns *Sterna eurygnatha* in Patagonia. *Ibis* 139(3): 536-541.
- Yorio, P. et al** 1995. Preference for covered nest sites and breeding success in Kelp Gulls *Larus dominicanus*. *Marine Ornithology* 23(2): 121-128.
- Yorio, P. et al** 1998. Kelp Gulls *Larus dominicanus* breeding on the Argentine coast: population status and relationship with coastal management and conservation. *Marine Ornithology* 26: 11-18.

### **Glaucous-winged Gull**

***Larus glaucescens*** [J.F. Naumann 1840, North America].

Commander Island E thru the Aleutian Islands to S Alaska and SE to N Oregon. Winters Bering Sea to N Japan and S to Baja California.

Other names: Olympic Gull (hybrid Glaucous-winged x Western Gull), Puget Sound Gull (hybrid Glaucous-winged x Western Gull).

1st WP Record: [3rd. winter] 7th February 1992. La Restinga, El Hierro, Canary Islands. Remained until the 10th February (de Juana & SEO 1998).

- Allan, J.** 2006. The Glaucous-winged Gull in Surrey. *Birding World* 20(4): 150-151.
- Bakker, T. et al** 2001. Glaucous-winged Gull at Essaouira, Morocco, in January 1995. *Dutch Birding* 23(5): 271-274.
- Barash, D.P. et al** 1975. Clam dropping behavior of the Glaucous-Winged Gull (*Larus glaucescens*). *The Wilson Bulletin* 87(1): 60-64.
- Barry, S.J. & Barry, T.W.** 1990. Food Habits of Glaucous-winged Gulls in the Beaufort Sea. *Arctic* 43(1): 43-49.
- Bell, D.A.** 1996. Genetic differentiation, geographic variation and hybridization in gulls of the *Larus glaucescens-occidentalis* complex. *The Condor* 98: 527-546.
- Bell, D.A.** 1997. Hybridization and reproductive performance in gulls of the *Larus glaucescens-occidentalis* complex. *The Condor* 99: 585-594.
- British Ornithologists' Union** 2009. British Ornithologists' Union Records Committee: 37th Report (October 2008). *Ibis* 151: 224-230.
- British Ornithologists' Union** 2010. British Ornithologists' Union Records Committee: 38th Report (October 2009). *Ibis* 152: 199-204.
- Burger, J. & Gochfeld, M.** 2009. Comparison of arsenic, cadmium, chromium, lead, manganese, mercury and selenium in feathers in bald eagle (*Haliaeetus leucocephalus*), and comparison with common eider (*Somateria mollissima*), glaucous-winged gull (*Larus glaucescens*), pigeon guillemot (*Cephus columba*), and tufted puffin (*Fratercula cirrhata*) from the Aleutian Chain of Alaska. *Environmental Monitoring and Assessment* 152(1-4): 357-367.
- Campbell, R.W.** 2007. New longevity record of a Glaucous-winged Gull from British Columbia. *Wildlife Afield* 4(1): 78-80.
- Collett, T.** 2009. New Year mega found on lunch break. Glaucous-winged Gull: Saltholme Pools, Cleveland, from 31 December 2008. *Birdwatch* 200: 58-59.
- Collett, T.** 2009. The Glaucous-winged Gull in Cleveland - the second British record. *Birding World* 22(1): 14-21.
- Collins, C.** 2012. Birding in the Russian Far East. *Birding World* 25(3): 108-123 (plate 12, p. 117).
- Collins, D. & Clarke, T.** 1996. Birding in the Canary Islands. *Birding World* 9(6): 228-241 (237).

- Damania, S.P. et al** 2005. Habitat patch occupancy dynamics of Glaucous-winged Gulls (*Larus glaucescens*) II: A continuous-time model. *Natural Resource Modeling* 18(4): 469-499.
- de Juana, E. & Comité de Rarezas de la Sociedad Española de Ornitología** 1998. Observaciones de aves raras en España año 1996 [Spanish rare bird report for 1996]. *Ardeola* 45(2): 97-116.
- Ebels, E.B. et al** 2001. Identification and ageing of Glaucous-winged Gull and hybrids. *Dutch Birding* 23(5): 247-270.
- Eds.** 2007. Mega gull remains elusive. Glaucous-winged Gull: Ferryside, Carmarthenshire, 2-5 march 2007. *Birdwatch* 178: 59.
- Gay, L. et al** 2005. Additional data on mitochondrial DNA of North American large gull taxa. *The Auk* 122(2): 684-688.
- Gillett, W.H. et al** 1975. Effects of Human Activity on Egg and Chick Mortality in a Glaucous-Winged Gull Colony. *The Condor* 77(4): 492-495.
- Good, T.P.** 2002. Breeding success in the Western Gull x Glaucous-winged Gull complex: the influence of habitat and nest-site characteristics. *The Condor* 104(2): 353-365.
- Hallam, N. & Lewington, I.** 2007. The Dix Pit gull. *Birding World* 20(12): 503-505.
- Hewitt, S.** 2013. Avian drop-catch play: a review. *British Birds* 106(4): 206-216 (208-211).
- Hoffman, W. et al** 1978. Hybridization between gulls (*Larus glaucescens* and *L. occidentalis*) in the Pacific Northwest. *The Auk* 95: 441-458.
- Howell, S.N.G. & Elliott, M.T.** 2001. Identification and Variation of Winter Adult Thayer's Gulls with Comments on Taxonomy. *Alula* 7(4): 130-144.
- Howell, S.N.G. et al** 1999. First prebasic molt in Herring, Thayer's and Glaucous-winged Gulls. *Journal of Field Ornithology* 70(4): 543-554.
- Howell, S.N.G.** 2000. Letters: Molt and age of first year 'white-winged' gulls. *British Birds* 93(2): 99.
- Howell, S.N.G.** 2001. A New Look at Molt in Gulls. *Alula* 7(1): 2-11.
- Howell, S.N.G.** 2003. Brieven: Identification and ageing of Glaucous-winged Gull and hybrids. *Dutch Birding* 25(3): 172-173.
- Irons, D.B. et al** 1986. Foraging strategies of Glaucous-Winged Gulls in a rocky intertidal community. *Ecology* 67(6): 1460-1474.
- Jaramillo, A.** 1995. Leucistic Glaucous-winged Gull. *Birders Journal* 4(4): 204.
- King, J.** 2007. Identification of Glaucous-winged Gull: a photo gallery. *Birding World* 20(2): 64-72.
- Kok, D. & van Duivendijk, N.** 1997. Masters of Mystery Solution: 1st winter Glaucous-winged Gull. *Dutch Birding* 19(3): 125-130.
- Liebers, D. et al** 2004. OrnithoNews: Herring Gull is no longer 'Lord of the Rings'. *Birding World* 17(4): 176.
- Maniscalco, J.M. et al** 2001. Passive interference competition by Glaucous-winged Gulls on Black-legged Kittiwakes: the cost of feeding in flocks. *The Condor* 103: 616-619.
- McLoughlin, J.** 2009. Gulls on ice. *Birdwatch* 201: 68.
- Moyle, P.** 1966. Feeding behavior of the Glaucous-Winged Gull on an Alaskan salmon stream. *The Wilson Bulletin* 78(2): 175-190.
- Murphy, E.C. et al** 1984. Dietary changes and poor reproductive performance in Glaucous-Winged Gulls. *The Auk* 101(3): 532-541.
- Patten, S. & Weisbrod, A.R.** 1974. Sympatry and interbreeding of Herring and Glaucous-winged Gulls in southeastern Alaska. *The Condor* 76: 343-344.
- Phillips, K.W. et al** 2005. Habitat Patch Occupancy Dynamics in Glaucous-Winged Gulls (*Larus glaucescens*) I: A Discrete-Time Model. *Natural Resource Modeling* 18: 441-468.
- Quinn, T.P. & Buck, G.B.** 2000. Scavenging by Brown Bears, *Ursus arctos*, and Glaucous-winged Gulls, *Larus glaucescens*, on Adult Sockeye Salmon, *Oncorhynchus nerka*. *Canadian Field-Naturalist* 114(2): 217-223.
- Reid, W.V.** 1987. The cost of reproduction in the glaucous-winged gull. *Oecologia* 74(3): 458-467.
- Reid, W.V.** 1988. Age-specific patterns of reproduction in the Glaucous-Winged Gull: Increased effort with age. *Ecology* 69(5): 1454-1465.
- Reid, W.V.** 1988. Population dynamics of the glaucous-winged gull. *The Journal of Wildlife Management* 52(4): 763-770.
- Salzer, D.W. & Larkin, G.J.** 1990. Impact of courtship feeding on clutch and third-egg size in glaucous-winged gulls. *Animal Behaviour* 39(6): 1149-1162.
- Sanders, J.** 2007. The Glaucous-winged Gull in Gloucestershire - a new British bird. *Birding World* 20(1): 13-19.
- Sanders, J.** 2010. Glaucous-winged Gull in Gloucestershire: new to Britain. *British Birds* 103(1): 53-59.

- Sanger, G.A.** 1973. Pelagic records of Glaucous-winged and Herring Gulls in the north Pacific Ocean. *The Auk* 90(2): 384-393.
- Scott, J.M.** 1971. Interbreeding of the Glaucous-winged Gull and Western Gull in the Pacific Northwest. *California Birds* 2: 129-133.
- Searcy, W.A.** 1978. Foraging success in three age classes of Glaucous-winged Gulls. *The Auk* 95(3): 586-590.
- Sibley, D.** 1994. A Guide to Finding and Identifying Hybrid Birds. *Birding* XXVI(3): 162-177 (168).
- St. Clair, C.C. et al** 2001. Does kleptoparasitism by Glaucous-winged Gulls limit the reproductive success of Tufted Puffins? *The Auk* 118(4): 934-943.
- Stewart, P.** 2007. On a wing and a prayer. Putative Glaucous-winged Gull: Gloucester, 15-16 December 2006. *Birdwatch* 176: 57.
- Trapp, J.L.** 1979. Variation in summer diet of Glaucous-Winged Gulls in the western Aleutian Islands: An ecological interpretation. *The Wilson Bulletin* 91(3): 412-419.
- van den Berg, A.B. & Sangster, G.** 1995. WP Reports. *Dutch Birding* 17(2): 76-81 (plate 60, p. 77).
- Vermeer, K.** 1982. Comparison of the diet of the glaucous-winged gull on the east and west coasts of Vancouver Island. *The Murrelet* 63(3): 80-85.
- Vermeer, K.** 1992. Population growth rate of the glaucous-winged gull *Larus glaucescens* in the Strait of Georgia, British Columbia, Canada. *Ardea* 80: 181-185.
- Wahl, T.R. & Tweit, B.** 2000. Seabird abundances off Washington, 1972-1998. *Western Birds* 31(2): 69-88 (79).
- Wahl, T.R.** 1975. Seabirds in Washington's offshore zone. *Western Birds* 6(4): 117-134 (126).
- Weber, J.W. & Fitzner, R.E.** 1986. Nesting of the Glaucous-winged Gull east of the Washington Cascades. *American Birds* 40(3): 567-569.
- Webster, M.A.** 1968. Gulls of the South China coast. *Hong Kong Bird Report 1967* pp. 31-33 (32).

## Western Gull

***Larus occidentalis*** [Audubon 1839, Cape Disappointment, Washington].

[*L.o. occidentalis*] NW Washington to C California.

[*L.o. wymani*] C California to C Baja California.

Other name: Wyman's Gull (*wymani*), Olympic Gull (hybrid Glaucous-winged x Western Gull), Puget Sound Gull (hybrid Glaucous-winged x Western Gull).

**Luther Everet Wyman** (1870-1928), American naturalist and one time Curator of Birds at Los Angeles Museum of History, Science & Art.

- Annett, C.A. & Pierotti, R.** 1989. Chick hatching as a trigger for dietary switching in the western gull. *Waterbirds* 12: 4-11.
- Annett, C.A. & Pierotti, R.** 1999. Long-term reproductive output in Western Gulls: consequences of alternate tactics in diet choice. *Ecology* 80: 288-297.
- Bell, D.A.** 1996. Genetic differentiation, geographic variation and hybridization in gulls of the *Larus glaucescens-occidentalis* complex. *The Condor* 98: 527-546.
- Bell, D.A.** 1997. Hybridization and reproductive performance in gulls of the *Larus glaucescens-occidentalis* complex. *The Condor* 99: 585-594.
- Bennett, A.F. et al** 1981. Thermal environment and tolerance of embryonic western gull. *Physiological Zoology* 54:146-159.
- Boarman, W.I.** 1989. The breeding birds of Alcatraz Island: Life on the Rock. *Western Birds* 20: 19-24.
- Dawson, W.R. & Bennett, A.F.** 1981. Field and laboratory studies of thermal relation of hatchling western gull. *Physiological Zoology* 54(1): 155-164.
- Dickey, D.R. & Van Rossem, A.J.** 1925. A revisionary study of the Western Gull. *The Condor* 27(4): 162-164.
- Gay, L. et al** 2005. Additional data on mitochondrial DNA of North American large gull taxa. *The Auk* 122(2): 684-688.
- Good, T.P.** 2002. Breeding success in the Western Gull x Glaucous-winged Gull complex: the influence of habitat and nest-site characteristics. *The Condor* 104(2): 353-365.
- Hand, J.L.** 1981. A comparison of vocalizations of Western Gulls (*Larus occidentalis occidentalis* and *L.o. livens*). *The Condor* 83: 289-301.
- Hoffman, W. et al** 1978. Hybridization between gulls (*Larus glaucescens* and *L. occidentalis*) in the Pacific Northwest. *The Auk* 95: 441-458.
- Howell, S.N.G. & Corben, C.** 2000. Molt cycles and sequences in the Western Gull. *Western Birds* 31: 38-49.

- Howell, S.N.G. & Elliott, M.T.** 2001. Identification and Variation of Winter Adult Thayer's Gulls with Comments on Taxonomy. *Alula* 7(4): 130-144.
- Howell, S.N.G. & Webb, S.** 1992. Southermost records of Western and Yellow-footed Gulls. *Western Birds* 23(1): 31-32.
- Howell, S.N.G.** 2001. A New Look at Molt in Gulls. *Alula* 7(1): 2-11.
- Hunt Jr., G.L. & Butler, J.L.** 1980. Reproductive ecology of Western Gulls and Xantus' Murrelets with respect to food resources in the southern California Bight. *California Cooperative Oceanic Fisheries Investigations Reports XXI*: 62-67.
- Hunt Jr., G.L. & Hunt, M.W.** 1975. Reproductive ecology of the Western Gull: The importance of nest spacing. *The Auk* 92(2): 270-279.
- Hunt Jr., G.L. & Hunt, M.W.** 1977. Female-Female Pairing in Western Gulls (*Larus occidentalis*) in Southern California. *Science* 196: 1466-1467.
- Hunt Jr., G.L. et al** 1980. Sex ratio of Western Gulls on Santa Barbara Island, California. *The Auk* 97: 473-479.
- Liebers, D. et al** 2004. OrnithoNews: Herring Gull is no longer 'Lord of the Rings'. *Birding World* 17(4): 176.
- McCaskie, G.** 1983. Another look at the Western and Yellow-looted Gulls. *Western Birds* 14: 85-107.
- Oades, R.D.** 1974. Predation of Xantus' Murrelet by Western Gull. *The Condor* 76: 229.
- Penniman, T. et al.** Western Gull, pp. 218-244. Found in: **Ainley, D.G. & Boekelheide, R.J.** (eds.) 1990. *Seabirds of the Farallon Islands*. Stanford University Press, Stanford, CA.
- Pierotti, R. & Bellrose, C.A.** 1986. Proximate and Ultimate Causation of Egg Size and the "Third-Chick Disadvantage" in the Western Gull. *The Auk* 103(2): 401-407.
- Pierotti, R.** 1981. Male and Female Parental Roles in the Western Gull under Different Environmental Conditions. *The Auk* 98(3): 532-549.
- Rahn, H. & Dawson, W.R.** 1979. Incubation Water Loss in Eggs of Heermann's and Western Gulls. *Physiological Zoology* 52(4): 451-460.
- Scott, J.M.** 1971. Interbreeding of the Glaucous-winged Gull and Western Gull in the Pacific Northwest. *California Birds* 2: 129-133.
- Spear, L.B.** 1988. Dispersal patterns of Western Gulls from southeast Farallon Island. *The Auk* 105: 128-141.
- Spear, L.B.** 1993. Dynamics and effect of Western Gulls feeding in a colony of guillemots and Brandt's Cormorants. *Journal of Animal Ecology* 62: 399-414.
- Spear, L.B. et al** 1986. Post-fledging parental care in the Western Gull. *The Condor* 88: 194-199.
- Sydeman, W.J. et al** 1991. Breeding Performance in the Western Gull: Effects of Parental Age, Timing of Breeding and Year in Relation to Food Availability. *Animal Ecology* 60(1): 135-149.
- Wahl, T.R. & Tweit, B.** 2000. Seabird abundances off Washington, 1972-1998. *Western Birds* 31(2): 69-88 (79).
- Wahl, T.R.** 1975. Seabirds in Washington's offshore zone. *Western Birds* 6(4): 117-134 (127).
- Wingfield, J.C. et al** 1982. Endocrine aspects of female-female pairing in the Western Gull (*Larus occidentalis wymani*). *Animal Behaviour* 30(1): 9-22.

## **Yellow-footed Gull**

**Larus livens** [Dwight 1919, San José Island, Baja California].

Gulf of California (NW Mexico).

Treated as a race of Western Gull by some.

**Baird, R.W.** 1996. Yellow-footed Gull (*Larus livens*) preys on a Black Storm Petrel (*Oceanodroma melania*). *Colonial Waterbirds* 19(2): 260-261.

**Díaz, M.E. et al** 2000. Nesting of Yellow-footed Gulls on Isla del Carmen, Baja California Sur, Mexico. *Waterbirds* 23(1): 109-113.

**Dickey, D.R. & Van Rossem, A.J.** 1925. A revisionary study of the Western Gull. *The Condor* 27(4): 162-164.

**Dunning Jr., J.B.** 1988. Yellow-footed Gull kills Eared Grebe. *Colonial Waterbirds* 11(1): 117-118.

**Dwight, J.** 1919. Description of a New Race of the Western Gull. *Proceedings of the Biological Society of Washington* 32: 11-13.

**Hand, J.L.** 1980. Human disturbance in Western Gull *Larus occidentalis livens* colonies and possible amplification by intraspecific predation. *Biological Conservation* 18(1): 59-63.

**Hand, J.L.** 1981. A comparison of vocalizations of Western Gulls (*Larus occidentalis occidentalis* and *L.o. livens*). *The Condor* 83: 289-301.



- Howell, S.N.G. & Webb, S.** 1992. Southermost records of Western and Yellow-footed Gulls. *Western Birds* 23(1): 31-32.
- Kaukman, K.** 1993. Answers to the August Photo Quiz: adult Yellow-footed Gull. *Birding* XXV(5): 341-342.
- Lethaby, N.** 1997. Answers to the June Photo Quiz: second-year Yellow-footed Gull. *Birding* XXIX(4): 319-320.
- LeValley, R.** 1975. The plumage sequence and voice of the Yellow-footed Western Gull (*Larus occidentalis livens*) with comments on the taxonomic implications of these characters. *Pacific Seabird Group Bulletin* 2: 33-44.
- Lozano, E. et al** 2004. Exito reproductivo de la gaviota de patas amarillas (*Larus livens*) y de la gaviota parda (*L. heermanni*) en el sur del Golfo de California, Mexico [Reproductive success of Heermann's and Yellow-footed Gulls in the south of the Gulf of California, México]. *Ornitología Neotropical* 15(2): 237-246.
- McCaskie, G.** 1983. Another look at the Western and Yellow-footed Gulls. *Western Birds* 14(2): 85-107.
- Spear, L.B. & Anderson, D.W.** 1989. Nest-site selection by Yellow-footed Gulls. *The Condor* 91(1): 91-99.
- Velarde, E.** 1992. Predation of Heermann's Gull (*Larus heermanni*) chicks by Yellow-footed Gulls (*Larus livens*) in dense and scattered nesting sites. *Colonial Waterbirds* 15(1): 8-13.

## **Glaucous Gull**

***Larus hyperboreus*** [Gunnerus 1767, N Norway].

[*L.h. hyperboreus*] Jan Mayen & Spitsbergen E to Taymyr peninsula. Winters S to CW Europe.

[*L.h. pallidissimus*] Taymyr peninsula E to the Bering Sea. Winters S to Japan.

[*L.h. barrovianus*] Alaska to W Canada. Winters S to CW USA.

[*L.h. leucereetes*] E Mackenzie R region E thru N Canadian archipelago to Greenland & Iceland. Winters S to CE USA.

Other names: Point Barrow Gull (*barrovianus*), Nelson's Gull (hybrid Glaucous x American Herring Gull), Viking Gull (hybrid Glaucous x Herring Gull).

**Dr. Edward William Nelson** (1855-1934), American ornithologist and founding President of the American Ornithologists' Union, who collected the type specimen of the form named after him.

- Allard, K.A. et al** 2010. Apparent survival of adult Thayer's and Glaucous Gulls nesting sympatrically in the Canadian high Arctic. *Ardea* 98(1): 43-50.
- Allison, R.I.** 1987. Notes: Glaucous Gull hawking snowflakes. *British Birds* 80(4): 168.
- Andresen, K. & Thomas, L.** 1986. The mould of Glaucous Gull *Larus hyperboreus* and Iceland Gull *Larus glaucoides* in Disko, Greenland. *Bird Study* 33: 49-50.
- Archer, E.** 2004. Port of call. *Birdwatch* 141: 21-24.
- Banks, R.C.** 1986. Subspecies of the glaucous gull, *Larus hyperboreus* (Aves: Charadriiformes). *Proceedings of the Biological Society of Washington* 99: 149-159.
- Barry, S.J. & Barry, T.W.** 1990. Food habits of Glaucous Gulls in the Beaufort Sea. *Arctic* 43(1): 43-49.
- Batty, C. et al** 2003. Winter gull gallery: 2002/2003. *Birding World* 16(3): 114-125.
- Baxter, P. & Gibbins, C.** 2007. Identification of Kumlien's and American Herring Gull and other large gulls at St. John's, Newfoundland. *Birding World* 20(4): 162-175.
- Boertmann, D. et al** 2006. The importance of Southwest Greenland for wintering seabirds. *British Birds* 99(6): 282-298.
- Burke, P.** 1995. A probable first-winter Nelson's Gull. *Birders Journal* 4(1): 41-43.
- Burnham, K.K. & Burnham, W.** 2005. Dovekie response to glaucous gull behavior and approach in North Greenland. *Dansk Ornithologisk Forenings Tidsskrift* 99: 115-118.
- Campbell, L.H.** 1975. Predation on eiders *Somateria mollissima* by the glaucous gull *Larus hyperboreus* in Spitsbergen. *Ornis Scandinavica* 6: 27-32.
- Dean, A.R.** 1984. Letters: Origins and distribution of British Glaucous Gulls. *British Birds* 77(4): 165-166.
- Dempsey, E.** 1991. 'Northern' gulls in Ireland in winter 1990/91. *Irish Birding News* 1(4): 135-136.
- Dubois, P.** 1997. Letters: Putative Glaucous x Herring Gulls. *Birding World* 10(7): 275-277.
- Dunn, J.** 2012. Arctic gull influx: White-winged wonders. *Birdwatch* 238: 36-38.
- Dunn, P.** 1988. Letters: Glaucous Gulls. *Birding World* 1(4): 144.

- Edelaar, L.** 2008. Mogelijke hybride Grote Burgemeester x Grote Mantelmeeuw bij Ijmuiden in januari-maart 2007 en herkenning (Possible hybrid Glaucous x Great Black-backed Gull at Ijmuiden in January-March 2007 and Identification). *Dutch Birding* 30(4): 224-228.
- Eds.** 2011. Better birding January: White wings in winter. *Birdwatch* 223: 9.
- Evans, L.G.R.** 1988. Glaucous Gulls - their regular wintering localities in the UK. *Birding World* 1(3): 85-89.
- Fratelli, F. & Montemaggiore, A.** 1993. Notes: Glaucous Gulls feeding at overturned icebergs. *British Birds* 86(12): 628.
- Gay, L. et al** 2005. Additional data on mitochondrial DNA of North American large gull taxa. *The Auk* 122(2): 684-688.
- Gibson, J.A.** 1957. Glaucous Gulls inland in Renfrewshire. *Scottish Naturalist* 1957 p. 56.
- Grant, P.J.** 1981. Field identification of west Palearctic gulls, part 5. *British Birds* 74(9): 363-394.
- Grantham, M.** 2005. Ringing in May. *Birding World* 18(4): 173-174.
- Hume, R.A.** 1975. Identification and ageing of Glaucous and Iceland Gulls. *British Birds* 68(1): 24-37.
- Howell, S.N.G.** 2000. Letters: Moults and age of first year 'white-winged' gulls. *British Birds* 93(2): 99.
- Ingolfsson, A.** 1970. Hybridization of Glaucous Gulls *Larus hyperboreus* and Herring Gulls *L. argentatus* in Iceland. *Ibis* 112(3): 340-362.
- Ingolfsson, A.** 1970. The moult of remiges and retrices of Great Black-backed Gulls *Larus marinus* and Glaucous Gulls *L. hyperboreus* in Iceland. *Ibis* 112: 83-92.
- Jehl, J.R.** 1987. A review of 'Nelson's Gull' *Larus nelsoni*. *Bulletin of the British Ornithologist's Club* 107: 86-91.
- Jett, G.** 1998. Answers to the October Photo Quiz: first-winter Glaucous Gull. *Birding* XXX(6): 505-506.
- Kehoe, C.** 1993. The Good Site Guide: Where to watch white-winged gulls. *Birdwatch* 2(2): 14-17.
- Kenyon, K.W. & Brooks, J.W.** 1960. Birds of Little Diomed Island, Alaska. *The Condor* 62(6): 457-463 (460).
- King, J.R. & Carey, G.** 2000. Gulls in Japan. *Birding World* 13(4): 160-163.
- Knox, A.** 1985. Letters: Glaucous x Herring Gull hybrids. *British Birds* 78(5): 246.
- Lynn, N.E. et al** 2006. Oilfield Development and Glaucous Gull (*Larus hyperboreus*), Distribution and Abundance in Central Alaskan Beaufort Sea Lagoons, 1970-2001. *Arctic* 59(1): 65-78.
- Millington, R. & Garner, M.** 1999. Winter gulls gallery. *Birding World* 12(2): 62-68.
- Millington, R.** 2005. Kumlien's Gulls and hybrid Glaucous x Herring Gulls: a winter update. *Birding World* 18(2): 61-65.
- Millington, R.** 2009. Gulls winter 2008/9 - a photo gallery. *Birding World* 22(2): 78-86.
- Musgrove, A.J. et al** 2011. Overwinter population estimates of British waterbirds. *British Birds* 104(7): 364-397 (391).
- Noel, L.E. et al** 2006. Oilfield Development and Glaucous Gull (*Larus hyperboreus*) - Distribution and Abundance in Central Alaskan Beaufort Sea Lagoons, 1970-2001. *Arctic* 59(1): 65-78.
- Pennington, M.** 1997. Letters: Glaucous and Herring Gull hybridisation. *Birding World* 10(9): 352.
- Pollock, C.M.** 1994. Observations on the distribution of seabirds off south-west Ireland. *Irish Birds* 5(2): 173-182.
- Römhild, M.** 2000. Rätselvogel 79: Hybrid zwischen Eis- und Silbermöwe *Larus hyperboreus* x *L. argentatus* [Mystery Bird 79: Hybrid between Glaucous and Herring Gull *Larus hyperboreus* x *L. argentatus*]. *Limicola* 14(5): 247-249.
- Samelius, G. & Alisauskas, R.T.** 1999. Diet and growth of glaucous gulls at a large Arctic goose colony. *Canadian Journal of Zoology* 77(8):1327-1331.
- Savinov, V. et al** 2005. Chlorinated hydrocarbons and polybrominated diphenyl ethers in glaucous gulls (*Larus hyperboreus*) from Barentsburg (West Spitsbergen). *Organohalogen Compounds* 67: 981-985.
- Schmutz, J.A. & Hobson, K.A.** 1998. Geographic, temporal, and age-specific variation in diets of glaucous gulls in western Alaska. *The Condor* 100(1): 119-130.
- Scott, C.** 2006. A colour-ringed Glaucous Gull at Barns Ness, Lothian in May 2005. *Birding Scotland* 9: 52.
- Sedinger, J.S. & Sedinger, C.M.** 1984. Pomarine Jaeger attacks Glaucous Gull. *Murrelet* 65: 52.
- Smith, R.W.J. & Walker, C.** 1955. Glaucous Gull in Midlothian. *Scottish Naturalist* 1955 p. 114.
- Spear, L.B.** 1987. Hybridization of glaucous and herring Gulls at the Mackenzie Delta, Canada. *The Auk* 104: 123-125.
- Stempniewicz, L.** 1994. Predator - prey interactions between Glaucous Gull *Larus hyperboreus* and Little Auk *Alle alle* in Spitsbergen. *Acta Ornithologica* 29(3): 155-170.

- Sternkopf, V. et al** 2010. Introgressive hybridization and the evolutionary history of the herring gull complex revealed by mitochondrial and nuclear DNA. *BMC Evolutionary Biology* 10: 348  
doi:10.1186/1471-2148-10-348 [online PDF] Available from: <http://www.biomedcentral.com/1471-2148/10/348> [Accessed December 2010].
- Sutherland, M.P.** 1983. Notes: Presumed hybrid Glaucous x Herring Gulls in Kent. *British Birds* 76(2): 83-85.
- Sweeney, J.J.** 1981. Notes: Glaucous Gull with unusually small bill. *British Birds* 74(12): 524.
- Thomas, L. & Andresen, K.** 1986. Notes: Wingbeat rates of Glaucous and Iceland Gulls. *British Birds* 79(1): 42.
- Tucker, V.** 1985. Letters: Origin of British Glaucous Gulls. *British Birds* 78(7): 355-356.
- van den Berg, A.B. & Maassen, E.J.** 1983. Kleine en Grote Burgemeesterste IJmuiden in wintervan 1982/83 [Iceland and Glaucous Gulls at IJmuiden in winter of 1982/83]. *Dutch Birding* 5(4): 92-98.
- Verboven, N. et al** 2009. Differential investment in eggs by Arctic-breeding Glaucous Gulls (*Larus hyperboreus*) exposed to persistent organic pollutants. *The Auk* 126(1): 123-133.
- Vigfúsdóttir, F. et al** 2008. Hybridization of glaucous gull (*Larus hyperboreus*) and herring gull (*Larus argentatus*) in Iceland: mitochondrial and microsatellite data. *Philosophical Transactions of the Royal Society B: Biological Sciences* 363(1505): 2851-2860.
- Vinicombe, K.** 2006. ID at a glance: Glaucous and Iceland Gulls. *Birdwatch* 164: 28-30.
- Wassink, A.** 2009. Birds of Kazakhstan: new and interesting data, part 2. *Dutch Birding* 31(2): 101-110 (102).
- Wassink, A.** 2013. Birds of Kazakhstan: new and interesting data, part 4. *Dutch Birding* 35(1): 30-34 (31).
- Wassink, A.** 2014. Birds of Kazakhstan: new and interesting data, part 5. *Dutch Birding* 36(2): 114-120 (116).
- Webster, M.A.** 1968. Gulls of the South China coast. *Hong Kong Bird Report 1967* pp. 31-33 (32).
- Zöckler, C. et al** 2009. Status und Ökologie der Eismöwe *Larus hyperboreus* auf der russischen Insel Kolgufjew in der Barentssee [Status and ecology of the Glaucous Gull *Larus hyperboreus* on the Russian Kolguev Island in the Barents Sea]. *Limicola* 23(1): 58-78.

## Iceland Gull

***Larus glaucoides*** [B. Meyer 1822, Iceland]

[*L.g. glaucoides*] S & W Greenland. Winters S to N Europe.

[*L.g. kumlieni*] Baffin Island & Southampton Island (Canadian Territory of Nunavut) and in the vicinity of Ungava Bay (NW Quebec). Winters Gulf of Saint Lawrence & Newfoundland S to Virginia and Great Lakes region W to Minnesota with some to Britain & Ireland.

Other name: Kumlien's Gull (*kumlieni*).

'Kumlien's Gull is probably best regarded as a stable hybrid population of Iceland x Thayer's Gulls' (Weir et al 2000).

**Thure Ludwig Theodor Kumlien** (1853-1902), Swedish-American ornithologist, naturalist and taxidermist who contributed much to the knowledge of the natural history of Wisconsin and its birds and / or his son, **Ludwig Kumlien** (1853-1902), American ornithologist of Swedish descent who spent two years collecting in the Arctic including the type specimen.

**Adriaens, P.** 2012. Identification: Iceland and Kumlien's Gulls photo guide. *Birdwatch* 238: 41-47.

**Andresen, K. & Thomas, L.** 1986. The moult of Glaucous Gull *Larus hyperboreus* and Iceland Gull *Larus glaucoides* in Disko, Greenland. *Bird Study* 33: 49-50.

**Archer, E.** 2004. Port of call. *Birdwatch* 141: 21-24.

**Barthel, P.H.** 2009. Rätselvogel 125: Polarmöwe *Larus glaucoides* [Mystery Bird 125: Iceland Gull *Larus glaucoides*]. *Limicola* 23(1): 83-86.

**Batty, C.** 2002. Late winter gulling in Eire - a seasonal selection. *Birding World* 15(2): 72-73.

**Batty, C. et al** 2003. Winter gull gallery: 2002/2003. *Birding World* 16(3): 114-125.

**Baxter, P. & Gibbins, C.** 2007. Identification of Kumlien's and American Herring Gull and other large gulls at St. John's, Newfoundland. *Birding World* 20(4): 162-175.

**Boertmann, D.** 2001. Letters: The Iceland Gull complex in Greenland. *British Birds* 94(11): 547.

**Boertmann, D. et al** 2006. The importance of Southwest Greenland for wintering seabirds. *British Birds* 99(6): 282-298.

**Bouzendorf, F.** 2004. Observations remarquables de Goélands à ailes blanches (*Larus glaucoides*) en Seine-et-Marne [Influx of Iceland Gulls to Seine-et-Marne]. *Ornithos* 11(6): 294-302.

**Bradshaw, C.** 1999. Rarities Committee Announcements: 'Kumlien's Gull'. *British Birds* 92(2): 113-114.

- British Ornithologists' Union** 1995. British Ornithologists' Union Records Committee: Twenty-second Report (May 1995). *Ibis* 137: 590-591.
- British Ornithologists' Union** 2009. British Ornithologists' Union Records Committee: 37th Report (October 2008). *Ibis* 151: 224-230.
- Bunskoek, M. et al** 2009. Kumliens Meeuw op Terschelling in januari 2005 [Kumlien's Gull on Terschelling in January 2005]. *Dutch Birding* 31(1): 17-19.
- Chamberlain, E.B.** 1964. Iceland Gull seen at Charleston, South Carolina. *The Chat* 28: 49-51.
- Charles, D.** 2009. Kumlien's Gulls in Ireland and the 'Cliften Gull' conundrum. *Birding World* 22(3): 107-110.
- Charles, D.** 2012. Thayer's and Kumlien's Gulls in 2012. *Birding World* 25(2): 65-67.
- Dean, A.R.** 1988. Mystery photographs: 2nd summer Iceland Gull. *British Birds* 81(1): 23-25.
- Dempsey, E.** 1991. 'Northern' gulls in Ireland in winter 1990/91. *Irish Birding News* 1(4): 135-136.
- Dunn, J.** 2012. Arctic gull influx: White-winged wonders. *Birdwatch* 238: 36-38.
- Eds.** 2011. Better birding January: White wings in winter. *Birdwatch* 223: 9.
- Fray, R. et al** 2012. An unprecedented influx of Iceland Gulls in the northeastern Atlantic in January / February 2012. *British Birds* 105(5): 263-272.
- Frémont, J.-Y. & Verneau, A.** 2009. Éléments d'identification Le Goéland de Kumlien (*Larus glaucooides kumlieni*) [Identification of Kumlien's Gull]. *Ornithos* 16(2): 112-125.
- Fussell III, J.O. et al** 1982. Report on six recent sightings of the Iceland Gull in North Carolina with comments on problems of field identification. *The Chat* 46: 57-71.
- Garner, M. & Mactavish, B.** 2001. The In-between Gull. *Birdwatch* 103: 26-31.
- Garner, M. & McGeehan, A.** 1997. Dump Gulls. *Birding World* 10(3): 101-102.
- Garner, M.** 2004. Rare gulls in focus. *Birdwatch* 141: 26-30.
- Garner, M. et al** 2000. Identification of first-winter Kumlien's Gull and the 'Whitby Gull'. *Birding World* 13(3): 116-119.
- Gaston, A.J. & Decker, R.** 1985. Interbreeding of Thayer's Gull, *Larus thayeri*, and Kumlien's Gull, *Larus glaucooides kumlieni*, on Southampton Island, Northwest Territories. *Canadian Field-Naturalist* 99: 257-259.
- Gaston, A.J. & Elliot, R.D.** 1990. Kumlien's Gull, *Larus glaucooides kumlieni*, on Coats Island, Northwest Territories. *Canadian Field-Naturalist* 104: 477-479.
- Gay, L. et al** 2005. Additional data on mitochondrial DNA of North American large gull taxa. *The Auk* 122(2): 684-688.
- Grant, P.J.** 1981. Field identification of west Palearctic gulls, part 5. *British Birds* 74(9): 363-394.
- Hallam, N. & Lewington, I.** 2007. The Dix Pit gull. *Birding World* 20(12): 503-505.
- Harrop, H.R. & Mellor, R.** 1993. Kumlien's Gull in Shetland - the fourth Scottish record. *Scottish Birds* 17: 63-64.
- Howell, S.N.G. & Elliott, M.T.** 2001. Identification and Variation of Winter Adult Thayer's Gulls with Comments on Taxonomy. *Alula* 7(4): 130-144.
- Howell, S.N.G. & Mactavish, B.** 2003. Identification and Variation of Winter Adult Kumlien's Gulls. *Alula* 9(1): 2-15.
- Howell, S.N.G.** 2000. Letters: Molt and age of first year 'white-winged' gulls. *British Birds* 93(2): 99.
- Hume, R.A.** 1975. Identification and ageing of Glaucous and Iceland Gulls. *British Birds* 68(1): 24-37.
- Hume, R.A.** 1983. Mystery photographs: Iceland Gull. *British Birds* 76(11): 530.
- Jett, G.** 1998. Answers to the October Photo Quiz: first-winter Iceland Gull. *Birding* XXX(6): 505-506.
- Kay, G.T.** 1950. The Iceland Gull in winter. *British Birds* 43: 399-402.
- Kehoe, C.** 1993. The Good Site Guide: Where to watch white-winged gulls. *Birdwatch* 2(2): 14-17.
- Lehto, H. et al** 1998. Photonews. *Alula* 4(2): 68.
- Liebers, D. et al** 2004. OrnithoNews: Herring Gull is no longer 'Lord of the Rings'. *Birding World* 17(4): 176.
- McGeehan, A.** 1997. Identification: Gull bender. *Birdwatch* 59: 18-21.
- McGowan, R.Y. & Kitchener, A.C.** 2001. Historical and taxonomic review of the Iceland Gull *Larus glaucooides* complex. *British Birds* 94(4): 191-195.
- Midtgard, U.** 1989. A morphometric study of structures important for cold resistance in the arctic iceland gull compared to herring gulls. *Comparative Biochemistry and Physiology Part A: Physiology* 93(2): 399-402.
- Millington, R. & Garner, M.** 1999. Winter gulls gallery. *Birding World* 12(2): 62-68.
- Millington, R.** 1993. Identification and status of Kumlien's Gull. *Birding World* 6(3): 101-106.
- Millington, R.** 2005. Kumlien's Gulls and hybrid Glaucous x Herring Gulls: a winter update. *Birding World* 18(2): 61-65.
- Millington, R.** 2009. Gulls winter 2008/9 - a photo gallery. *Birding World* 22(2): 78-86.

- Mullarney, K.** 2001. Identification matters: Gulls: the Irish question. *Birdwatch* 106: 18-19.
- Musgrove, A.J. et al** 2011. Overwinter population estimates of British waterbirds. *British Birds* 104(7): 364-397 (391).
- Muusse, T.O.V.** 2011. Kumliens Meeuw in Brabantse Biesbosch in april 2011 [Kumlien's Gull at Brabantse Biesbosch in April 2011]. *Dutch Birding* 33(3): 193-196.
- Pittaway, R.** 1992. Recognizable Forms: Subspecies of the Iceland Gull. *Ontario Birds* 10(1): 24-26.
- Post, W. & Belser, C.G.** 1985. General Field Notes: First South Carolina Specimen of the Iceland Gull. *The Chat* 49(2): 42-44.
- Prys-Jones, R.** 2000. Letters: Provenance of the first record of 'Kumlien's Gull'. *British Birds* 93(6): 278.
- Scott, M.** 2004. Kumlien's Gull - some thoughts on identification. *Birding Scotland* 7: 59-63.
- Taylor, K.** 1987. Letters: Iceland Gulls in British Columbia. *Birding* XIX(5): 5.
- Thomas, L. & Andresen, K.** 1986. Notes: Wingbeat rates of Glaucous and Iceland Gulls. *British Birds* 79(1): 42.
- Tomkins, I.R.** 1941. A Georgia specimen of the Iceland Gull. *Oriole* 6: 11.
- van den Berg, A.B. & Maassen, E.J.** 1983. Kleine en Grote Burgemeesterste IJmuiden in wintervan 1982/83 [Iceland and Glaucous Gulls at IJmuiden in winter of 1982/83]. *Dutch Birding* 5(4): 92-98.
- van der Spek, V.** 2014. Kumliens Meeuw bij Scheveningen in December 2013 [Kumlien's Gull at Scheveningen in December 2013]. *Dutch Birding* 36(4): 246-249.
- van IJendoorn, E.J. & Mulder, J.** 1981. Atypical First Winter Iceland Gull at IJmuiden in February 1981. *Dutch Birding* 3(2): 56.
- van IJendoorn, E.J. & Oreel, G.J.** 1981. Second winter Iceland Gull at IJmuiden from January to March 1981. *Dutch Birding* 3(1): 13-15.
- Vinicombe, K.** 2006. ID at a glance: Glaucous and Iceland Gulls. *Birdwatch* 164: 28-30.
- Weir, D.N. et al** 1995. Iceland Gulls from the 'Braer' disaster, Shetland 1993. *British Birds* 88(1): 15-25.
- Weir, D.N. et al** 2000. Hybridization and changes in the distribution of Iceland gulls (*Larus glaucooides* / *kumlieni* / *thayeri*). *Journal of Zoology* 252(4): 517-530.
- Zimmer, K.J.** 1991. Plumage Variation in Kumlien's Iceland Gull. *Birding* XXIII(5): 254-269.

## Thayer's Gull

- Larus thayeri** [W.S. Brooks 1915, Banks Island, NW Territories, Canada].  
Banks Island E to Hudson Bay & N Baffin Island and N thru Ellesmere Island to W Greenland. Winters Pacific coast from British Columbia S to Baja California.
- Col. John Eliot Thayer** (1862-1933), American ornithologist, collector and banker who used his considerable wealth to fund natural history expeditions, including the one which collected the type specimen of this gull.
- 1st WP Record: [1st winter] 21st February 1990. The Lough, Cork, Ireland. Jim Wilson. Remained in the general area until the 5th March (**O'Sullivan, O. & Smiddy, P.** 1990. 37th Irish Bird Report. *Irish Birds* 4(2): 246).
- Allard, K.A. et al** 2010. Apparent survival of adult Thayer's and Glaucous Gulls nesting sympatrically in the Canadian high Arctic. *Ardea* 98(1): 43-50.
- Andrie, R.F.** 1969. 'Thayer's' Gull in the Niagra Frontier region. *The Auk* 86(1): 106-109.
- Archer, E.** 2004. Port of call. *Birdwatch* 141: 21-24.
- Arlow, S.** 2011. Up in the dumps. Putative Thayer's Gull: Pitsea landfill site, Essex, 6 November 2010. *Birdwatch* 223: 52-53.
- Batty, C.** 2002. Late winter gulling in Eire - a seasonal selection. *Birding World* 15(2): 72-73.
- Batty, C. et al** 2003. Winter gull gallery: 2002/2003. *Birding World* 16(3): 114-125.
- Boertmann, D.** 2001. Letters: The Iceland Gull complex in Greenland. *British Birds* 94(11): 547.
- Breen, D.** 2010. A Thayer's in theory... Thayer's Gull: Ross Beach, Co. Galway, Republic of Ireland, from 19 January 2010. *Birdwatch* 213: 53.
- Brooks, W.S.** 1915. Notes on birds from east Siberia and arctic Alaska. *Bulletin of the Museum of Comparative Zoology* 59: 261-413.
- Charles, D.** 2012. Thayer's and Kumlien's Gulls in 2012. *Birding World* 25(2): 65-67.
- Charles, D.** 2014. Spanish holidaymaker. Thayer's Gull: Killybegs, Co. Donegal, 15 December 2013. *Birdwatch* 260: 12.
- DeBenedictis, P.A.** 1990. Gleanings from the Technical Literature: Thayer's Gull. *Birding* XXII(4): 197-200.
- Dowdall, J.F.** 1989. Galway Thayer's Gull. *Dutch Birding* 11(4): 175-176.

- Dwight, J.** 1917. The Status of "Larus thayeri, Thayer's Gull". *The Auk* 34(4): 413-414.
- Eds.** 1990. Herring Gulls resembling Thayer's. *Birding World* 3(3): 94-95.
- Ennis, T.** 2002. Letters: The nameless one. *Birdwatch* 116: 12.
- Gantlett, S.** 1991. The rise and fall of Thayer's Gull. *Birding World* 4(3): 84-86.
- Gantlett, S.** 2001. A Checklist of the Bird Forms of Britain and Ireland. *Birding World* 14(1): 19-20.
- Garner, M. & McGeehan, A.** 1998. Identification of juvenile and first winter Thayer's Gull. *Birding World* 11(3): 94-101.
- Garner, M. & Mullarney, K.** 2001. The trouble with gulls... *Birdwatch* 110: 12-13.
- Garner, M.** 2004. Rare gulls in focus. *Birdwatch* 141: 26-30.
- Garner, M.** 2011. Bigging up a Thayer's. Thayer's Gull: Rossaveal, Co. Galway, 18 February-3 March 2011. *Birdwatch* 227: 52.
- Gaston, A.J. & Decker, R.** 1985. Interbreeding of Thayer's Gull, *Larus thayeri*, and Kurnlien's Gull, *Larus glaucoides kumlieni*, on Southampton Island, Northwest Territories. *Canadian Field-Naturalist* 99: 257-259.
- Gay, L. et al** 2005. Additional data on mitochondrial DNA of North American large gull taxa. *The Auk* 122(2): 684-688.
- Golley, M.** 1991. Letters: Thayer's Gull status and identification. *Birding World* 4(4): 124-125.
- Gosselin, M. & David, N.** 1975. Field identification of Thayer's Gulls (*Larus thayeri*) in eastern North America. *American Birds* 29: 1059-1066.
- Hallam, N. & Lewington, I.** 2007. The Dix Pit gull. *Birding World* 20(12): 503-505.
- Hallam, N.** 2008. Thayer's 'scare'. Unidentified gull: Dix Pit, Oxfordshire, 4-28 December 2007. *Birdwatch* 188: 62-63.
- Hoffman, K. & Hoffmann, H.** 1986. Thayer's / Iceland Gull Identification Problem. *The Loon* 58: 18-20.
- Hogg, A.** 1991. The Thayer's-type Gull at Ayr. *Birding World* 4(3): 82-83.
- Howell, S. & King, J.** 1997. Letters: Glib style, a half truth seen? *Birding World* 10(7): 270-274.
- Howell, S. & King, J.** 1997. Letters: The uncertain jizz of Thayer's Gull. *Birding World* 10(12): 461.
- Howell, S.N.G. & Elliott, M.T.** 2001. Identification and Variation of Winter Adult Thayer's Gulls with Comments on Taxonomy. *Alula* 7(4): 130-144.
- Howell, S.N.G. & Mactavish, B.** 2003. Identification and Variation of Winter Adult Kumlien's Gulls. *Alula* 9(1): 2-15.
- Howell, S.N.G.** 1998. Shades of gray: the Catch 22 of Thayer's Gull? *Birders Journal* 7: 305-309.
- Howell, S.N.G.** 2000. Letters: Moults and age of first year 'white-winged' gulls. *British Birds* 93(2): 99.
- Howell, S.N.G.** 2001. A New Look at Moults in Gulls. *Alula* 7(1): 2-11.
- Howell, S.N.G. et al** 1999. First prebasic molt in Herring, Thayer's and Glaucous-winged Gulls. *Journal of Field Ornithology* 70(4): 543-554.
- IRBC** 2000. Irish Rare Birds Committee Report: Thayer's Gull. *Irish Birds* 6(3): 409.
- IRBC** 2003. Irish Rare Birds Committee Report. *Irish Birds* 7(2): 241-250.
- Jett, G.** 1998. Answers to the October Photo Quiz: first-winter Thayer's Gull. *Birding XXX*(6): 505-506.
- King, J.R. & Carey, G.** 2000. Gulls in Japan. *Birding World* 13(4): 160-163.
- King, J.R.** 1997. Thayer's Gull Age. *Birders Journal* 6(5): 232.
- Kok, D. & van Duivendijk, N.** 1997. Masters of Mystery Solutions: 1st winter Glaucous-winged Gull. *Dutch Birding* 19(3): 125-130.
- Lehman, P.** 1980. The identification of Thayer's Gull in the field. *Birding* 12: 198-210.
- Lehto, H. et al** 1998. Photonews: adult Thayer's Gull. *Alula* 4(2): 68.
- Liebers, D. et al** 2004. OrnithoNews: Herring Gull is no longer 'Lord of the Rings'. *Birding World* 17(4): 176.
- Loneragan, P.** 1999. Another Thayer's Gull in Ireland. *Birding World* 12(1): 38-39.
- Lowe, T.** 2012. The Thayer's Gull in Lincolnshire. *Birding World* 25(4): 148-158.
- Mallins, J.** 1989. Thayer's Gull in Ireland in March 1989. *Dutch Birding* 11(2): 81-83.
- McGeehan, A. & Garner, M.** 1997. The Thayer's Gull in Belfast. *Birding World* 10(3): 93-100.
- McGeehan, A. & Millington, R.** 1998. The adult Thayer's Gull in Donegal. *Birding World* 11(3): 102-108.
- McGeehan, A.** 1989. Galway Thayer's Gull. *Dutch Birding* 11(4): 176-178.
- McGeehan, A.** 1997. DB Actueel: Thayer's Gull in Belfast. *Dutch Birding* 19(1): 47-48.
- McGeehan, A.** 1997. Identification: Gull bender. *Birdwatch* 59: 18-21.
- McGowan, R.Y. & Kitchener, A.C.** 2001. Historical and taxonomic review of the Iceland Gull *Larus glaucoides* complex. *British Birds* 99(4): 191-195.
- Mjøs, A.T. & Garner, M.** 2000. The Thayer's Gull in Norway. *Birding World* 13(1): 10-11.

- Mullarney, K. & Millington, R.** 2005. The putative Thayer's Gull in County Mayo. *Birding World* 18(3): 105-106.
- Mullarney, K.** 2001. Identification matters: Gulls: the Irish question. *Birdwatch* 106: 18-19.
- O'Keeffe, M.** 2005. Was it a Thayer's? Thayer's Gull: Barnatra, Co. Mayo, 5-19 March 2005. *Birdwatch* 155: 65.
- Pittaway, R.** 1992. Recognizable Forms: Subspecies of the Iceland Gull. *Ontario Birds* 10(1): 24-26.
- Pittaway, R.** 1999. Taxonomic history of Thayer's Gull. *Ontario Birds* 17(1): 1-13.
- Pulich, W.M.** 1980. A Thayer's Gull specimen from Texas: a problem in identification. *Southwestern Naturalist* 25: 257-282.
- Rowlands, A.** 2011. The Carl Zeiss Award: Putative Thayer's Gull, Pitsea landfill, Essex, November 2010. *British Birds* 104(8): 462-465.
- Rowlands, A.** 2013. The Carl Zeiss Award 2013. *British Birds* 106(8): 477-480.
- Sutton, G. & Parmelee, D.F.** 1978. On Maturation of Thayer's Gull. *The Wilson Bulletin* 90(4): 479.
- Tove, M.H.** 1985. First Utah records of Thayer's and Mew Gulls, with comments on their regional distribution and status. *Western Birds* 16(3): 147-150.
- Tove, M.H.** 1985. General Field Notes: A Record of Thayer's Gull from Hatteras Inlet, Dare County, N.C. *The Chat* 49(2): 44-46.
- Wahl, T.R.** 1975. Seabirds in Washington's offshore zone. *Western Birds* 6(4): 117-134 (127).
- Walker, D.** 1991. Letters: The Dungeness Thayer's-type Gull. *Birding World* 4(6): 213.
- Weir, D.N. et al** 2000. Hybridization and changes in the distribution of Iceland gulls (*Larus glaucooides* / *kumlieni* / *thayeri*). *Journal of Zoology* 252(4): 517-530.
- Wilson, J.** 1990. Thayer's Gull in County Cork. *Birding World* 3(3): 91-93.
- Zimmer, K.J.** 1991. The impossible identification zone. Plumage variation in 'Kumlien's' Iceland Gull. *Birding* 19: 254-269.

## Herring Gull

***Larus argentatus*** [Pontoppidan 1763, Denmark].

[*L.a. argentatus*] Denmark & Fenno-Scandinavia to the Kola peninsula. Winters N & W Europe.

[*L.a. argenteus*] Iceland, Faroe Islands, UK, Ireland & W France to W Germany. Winters S to N Iberia.

Other names: Viking Gull (hybrid Glaucous x Herring Gull), European Herring Gull.

- Adriaens, P. et al** 2008. First-year Herring Gulls mimicking Smithsonian Gull. *Dutch Birding* 30(1): 1-6.
- Ahmed, R. et al** 2010. Timing of primary moult in large gull taxa at five locations in Europe. *Caluta* 1: 14-20. [Caluta is available online from <http://www.caluta.liitin.net/>].
- Andersson, A.** 1970. Food habits and predation of an inlandbreeding population of the Herring Gull *Larus argentatus* in Southern Sweden. *Ornis Scandinavica* 1: 75-81.
- Baker, R.** 2002. Notes: Peregrine Falcons fostering Herring Gull chicks. *British Birds* 95(4): 190.
- Barth, E.K.** 1975. Moulting and taxonomy of the Herring Gull *Larus argentatus* and the Lesser Black-backed Gull *L. fuscus* in northwestern Europe. *Ibis* 117: 384-387.
- Batty, C.** 2002. Late winter gulling in Eire - a seasonal selection. *Birding World* 15(2): 72-73.
- Batty, C. et al** 2003. Winter gull gallery: 2002/2003. *Birding World* 16(3): 114-125.
- Bentz, G.** 2006. Évolution de la coloration d'un Goéland argenté (*Larus argentatus*) leucique [Plumage pattern changes in a leucistic Herring Gull]. *Ornithos* 13(3): 202-203.
- Bodily, D.** 2003. Notes: Juvenile Herring Gulls picking up pebbles. *British Birds* 96(5): 255.
- Brouwer, A. & Spaans, A.L.** 1994. Egg predation in the Herring Gull *Larus argentatus*: Why does it vary so much between nests? *Ardea* 82(2): 223-231.
- Brown, A. et al** 2011. Seabirds on Lundy: their current status, recent history and prospects for the restoration of a once-important bird area. *British Birds* 104(3): 139-158.
- Brown, R.G.B.** 1967. Species isolation between the Herring Gull *Larus argentatus* and Lesser Black-backed Gull *L. fuscus*. *Ibis* 109(3): 310-317.
- Burton, N.H.K. et al** 2003. Numbers of wintering gulls in the UK, Channel Islands and Isle of Man: a review of the 1993 and previous Winter Gull Roost Surveys. *British Birds* 96(8): 376-401.
- Camphuysen, C.J.** 2005. Seabirds at sea in summer in the northwest North Sea. *British Birds* 98(1): 2-19 (11).
- Camphuysen, C.J. et al** 2011. Colony and age-specific seasonal dispersal of Herring Gulls *Larus argentatus* breeding in The Netherlands. *Journal of Ornithology* 152(4): 849-868.
- Chatfield, D.G.P.** 1997. Notes: Carrion Crow attacking and grounding Herring Gull. *British Birds* 90(6): 229.
- Chylarecki, P.** 1993. Identification of *argentatus* Herring Gull. *Birding World* 6(4): 166-167.

- Chylarecki, P.** 1993. Letters: New Herring Gull taxonomy. *Birding World* 86(7): 316-319.
- Collinson, J.M. et al** 2008. Species boundaries in the Herring and Lesser Black-backed Gull complex. *British Birds* 101(7): 340-363.
- Collinson, M.** 2001. Genetic relationships among the different races of Herring Gull, Yellow-backed Gull and Lesser Black-backed Gull. *British Birds* 94(11): 523-528.
- Collinson, M.** 2001. Shifting sands: taxonomic changes in the world of the field ornithologist. *British Birds* 94(1): 2-27 (18).
- Collinson, M.** 2006. Splitting headaches? Recent taxonomic changes affecting the British and Western Palearctic lists. *British Birds* 99(6): 306-323( 310-311).
- Coulson, J.C. & Butterfield, J.** 1985. Movements of British Herring Gulls. *Bird Study* 32: 91-103
- Coulson, J.C. & Butterfield, J.** 1986. Studies on a colony of colour-ringed Herring Gulls *Larus argentatus*: I. Adult survival rates. *Bird Study* 33(1): 51-54.
- Coulson, J.C. & Butterfield, J.** 1986. Studies on a colony of colour-ringed Herring Gulls *Larus argentatus*: II. Colony occupation and feeding outside the breeding season. *Bird Study* 33(1): 55-59.
- Coulson, J.C. et al** 1981. An age related difference in the bill depth of Herring Gull *Larus argentatus*. *Ibis* 123: 499-502.
- Coulson, J.C. et al** 1984. Scandinavian Herring Gull wintering in Britain. *Ornis Scandinavica* 15: 79-88.
- de Knijff, P. et al** 2001. Genetic affinities within the Herring Gull *Larus argentatus* assemblage revealed by AFLP genotyping. *Journal of Molecular Evolution* 52: 85-93.
- Dean, A.R.** 1987. Notes: Seasonality of Herring Gulls in the west Midlands. *British Birds* 80(12): 632.
- Dubois, P.J. & Yésou, P.** 1984. Identification of juvenile yellow-legged Herring Gulls. *British Birds* 77(8): 344-348.
- Eaton, M.A. et al** 2009. Birds of Conservation Concern 3, The population status of birds in the United Kingdom, Channel Islands and Isle of Man. *British Birds* 102(6): 296-341.
- Eds.** 1990. Herring Gulls resembling Thayer's. *Birding World* 3(3): 94-95.
- Eds.** 2011. Better birding January: White wings in winter. *Birdwatch* 223: 9.
- Eigenhuis, K.** 1993. Identification of *argentatus* Herring Gull. *Birding World* 6(4): 167.
- Elkins, N.** 1992. Notes: Herring Gull using shear over land. *British Birds* 85(1): 36.
- Elias, E. & Wilds, C.** 1992. ABAnswers: Q. Herring Gull Complex. *Birding XXIV*(5): 313-314.
- Emley, D.W. & Emley, S.M.** 1993. Notes: Herring Gull with black bill and legs. *British Birds* 86(6): 270.
- Faber, M. & Neubauer, G.** 2002. Herring, Yellow-legged and Pontic Gulls wintering in inland Poland. *Dutch Birding* 24(6): 350-357.
- Foley, J.** 1984. Feeding association of Goldeneye and Herring Gull. *Cork Bird Report* 1983 p. 47.
- Frampton, N.C.** 1994. Notes: Unusual behaviour by Herring Gull towards dog. *British Birds* 87(9): 432.
- Garthe, S. et al** 1999. Breeding Lesser Black-backed Gulls *Larus graellsii* and Herring Gulls *Larus argentatus*: coexistence or competition? *Ardea* 87(2): 227-236.
- Gauntlett, F.M.** 2002. Letters: Genetic relationships of large gulls. *British Birds* 95(9): 467.
- Gibbins, C. et al** 2010. Identification of Caspian Gull. Part 1: typical birds. *British Birds* 103(3): 142-183.
- Golley, M.** 1993. Identification of *argentatus* Herring Gull. *Birding World* 6(1): 32-38.
- Gottschling, M. et al** 2008. Hinweise zur Unterscheidung der Kanadamöwe *Larus smithsonianus* von der Silbermöwe *L. argentatus* [Identification of American Herring Gull *Larus smithsonianus* and European Herring Gull *L. argentatus*]. *Limicola* 22(1): 1-29.
- Gwiazda, R. et al** 2011. Diet composition of the Caspian Gull (*Larus cachinnans*) in inland Poland: effects of breeding area, breeding stage and sympatric breeding with the Herring Gull (*Larus argentatus*). *Ornis Fennica* 88(2): 80-89.
- Harding, B.D.** 1984. Letters: Inland ground-nesting by Herring Gulls. *British Birds* 77(3): 122.
- Harford, P.** 1990. Herring Gulls Nesting on Buildings at Howth and Coolock, County Dublin. *Irish East Coast Bird Report* 1989 pp. 70-74.
- Hario, M.** 1997. Keltajalkaisten harmaalokkien esiintymisestä Suomenlahdella [Herring Gulls with yellow legs in the Gulf of Finland]. *Alula* 3(1): 10-15.
- Heaney, V. et al** 2008. Important Bird Areas: Breeding seabirds on the Isles of Scilly. *British Birds* 101(8): 418-438.
- Helbig, A.J. et al** 2004. Artbildung und Verwandtschaftsverhältnisse im Silber-Heringsmöwen-Komplex *Larus argentatus / fuscus* [Speciation and phylogenetic relationships within the Herring Gull complex *Larus argentatus / fuscus*]. *Limicola* 18(5): 233-258.



- Hewitt, S.** 2011. Notes: Probable object play among gulls in Staffordshire. *British Birds* 104(2): 94-95.
- Hewitt, S.** 2013. Avian drop-catch play: a review. *British Birds* 106(4): 206-216 (208-211).
- Hoogendoorn, W. et al** 1993. Herring Gull with much restricted black marks on wing-tip at IJmuiden. *Dutch Birding* 15(6): 262-263.
- Hoogendoorn, W. et al** 2003. Interesting gull records at Porto, Portugal, in March-April 2001. *Dutch Birding* 25(4): 246-247.
- Howell, S.N.G. & Elliott, M.T.** 2001. Identification and Variation of Winter Adult Thayer's Gulls with Comments on Taxonomy. *Alula* 7(4): 130-144.
- Howell, S.N.G.** 2000. Letters: Moults and age of first year 'white-winged' gulls. *British Birds* 93(2): 99.
- Hudson, A.V. & Furness, R.W.** 1988. The behaviour of seabirds foraging at fishing boats around Shetland. *Ibis* 131: 225-237.
- Hume, R.A.** 1984. Notes: Reaction of gulls to Herring Gull with streamer attached to leg. *British Birds* 77(8): 359.
- Ingolfsson, A.** 1970. Hybridization of Glaucous Gulls *Larus hyperboreus* and Herring Gulls *L. argentatus* in Iceland. *Ibis* 112(3): 340-362.
- IRBC** 2004. Irish Rare Birds Committee Report: Herring Gulls - taxonomic changes adopted by the IRBC. *Irish Birds* 7(3): 413.
- Jackman, L.** 1996. Notes: Herring Gulls feeding on flying ants. *British Birds* 89(3): 141.
- Jehl Jr., J.R.** 1960. A Probable Hybrid of *Larus argentatus* and *L. marinus*. *The Auk* 77(3): 343-345.
- Johsson, L.** 1998. Yellow-legged gulls and yellow-legged Herring Gulls in the Baltic. *Alula* 4(3): 74-100.
- Jukema, J.** 1987. Kleden van leucistische Zilvermeeuw [Plumages of leucistic Herring Gull]. *Dutch Birding* 9(1): 25-27.
- Kehoe, C.** 2006. Racial identification and assessment in Britain: a report from the RIACT subcommittee. *British Birds* 99(12): 619-645 (630).
- Kilpi, M. & Saurola, P.** 1983. Pre-migration movements of coastal Finnish herring gulls (*Larus argentatus*) in autumn. *Annales Zoologici Fennici* 20: 245-254.
- King, B.** 1981. Notes: Inland ground-nesting by Herring Gulls. *British Birds* 74(6): 264.
- Kitching, M.S.** 2001. Notes: Lame Herring Gull given foraging assistance by presumed mate. *British Birds* 94(12): 601.
- Knox, A.** 1985. Letters: Glaucous x Herring Gull hybrids. *British Birds* 78(5): 246.
- Knox, A.** 1989. Letters: Proposed changes to the Voous List. *British Birds* 82(3): 119-120.
- Knox, A.G.** 1984. Letters: Inland ground-nesting by Herring Gulls. *British Birds* 77(3): 122.
- Lekagul, B. et al** 1985. Birdwatching in Thailand. *British Birds* 78(1): 2-39 (20-22).
- Lenehan, L.** 2009. Herring Gulls Nesting on Buildings at Balbriggan Co. Dublin. *Irish East Coast Bird Report 2003* pp. 101-102.
- Lenehan, L.J.** 1997. Herring Gulls Nesting on Buildings at Balbriggan Co. Dublin. *Irish East Coast Bird Report 1996* pp. 77-79.
- Liebers, D. et al** 2004. OrnithoNews: Herring Gull is no longer 'Lord of the Rings'. *Birding World* 17(4): 176.
- Lloyd, C.S.** 1981. The Seabirds of Great Saltee. *Irish Birds* 2(1): 1-37 (17-19).
- Ludwigs, J-D.** 2001. Silbermöwe *Larus argentatus* erbeutet adulte Flussseseschwalbe *Sterna hirundo* und Sturmmöwe *Larus canus* [Herring Gulls *Larus argentatus* preying upon Common Tern *Sterna hirundo* and Common Gull *L. canus*] *Limicola* 15(3): 162-165.
- Maclean, N. et al** 2005. Taxonomy for birders: a beginner's guide to DNA and species problems. *British Birds* 98(10): 512-537.
- Mactavish, B.** 1995. European Herring Gull *Larus argentatus argenteus* in Newfoundland. *Birders Journal* 4(4): 198-201.
- Madden, B.** 1994. Roof Nesting by Herring Gulls in Dublin City. *Irish East Coast Bird Report 1993* pp. 69-72.
- McGeehan, A.** 1997. Identification: Gull bender. *Birdwatch* 59: 18-21.
- McGeehan, A.** 2002. Total birding: Look, don't listen. *Dutch Birding* 24(1): 41-44.
- Merne, O.J. & Madden, B.** 2000. Breeding seabirds of Lambay, County Dublin. *Irish Birds* 6(3): 345-358.
- Merne, O.J. & Madden, B.** 2001. Breeding seabirds of Ireland's Eye, County Dublin. *Irish Birds* 6(4): 495-506.
- Merne, O.J. & Walsh, A.** 2005. Breeding seabirds of the Skelligs, County Kerry. *Irish Birds* 7(4): 461-474.

- Midtgaard, U.** 1989. A morphometric study of structures important for cold resistance in the arctic iceland gull compared to herring gulls. *Comparative Biochemistry and Physiology Part A: Physiology* 93(2): 399-402.
- Millington, R. & Garner, M.** 1999. Winter gulls gallery. *Birding World* 12(2): 62-68.
- Millington, R.** 2005. Kumlien's Gulls and hybrid Glaucous x Herring Gulls: a winter update. *Birding World* 18(2): 61-65.
- Millington, R.** 2009. Gulls winter 2008/9 - a photo gallery. *Birding World* 22(2): 78-86.
- Morgan, G.** 2012. The bird population of Ramsey and Grassholm. *British Birds* 105(12): 716-732.
- Musgrove, A.J. et al** 2011. Overwinter population estimates of British waterbirds. *British Birds* 104(7): 364-397 (391).
- Niebuhr, V.** 1981. An investigation of courtship feeding in Herring Gulls *Larus argentatus*. *Ibis* 123(2): 218-223.
- Nikander, P.J.** 1996. Nuoret isot lokit [Juvenile large gulls]. *Alula* 2(1): 8-15.
- Nisbet, I.** 1952. Herring Gull dropping and catching object in bill. *British Birds* 45: 74.
- Nogales, M. et al** 1995. Diets of adult and chick Herring Gull *Larus argentatus argenteus* on Ailsa Craig, south-west Scotland. *Seabirds* 17: 56-63.
- Norman, D.M.** 1983. Notes: Great Skua killing Herring Gull. *British Birds* 76(10): 453.
- Oliver, P.J.** 1981. Notes: Herring Gull with yellow legs nesting in London. *British Birds* 74(8): 353.
- Oliver, P.J.** 1997. The breeding birds of Inner London, 1966-94. *British Birds* 90(6): 211-225 (218).
- Oro, D.** 1997. Courtship feeding between Yellow-legged Gull *Larus cachinnans* and Herring Gull *L. argentatus* in the western Mediterranean. *Marine Ornithology* 25: 74-75.
- Panov, E.N. & Monzikov, D.G.** 1999. Intergradation between the Herring Gull *Larus argentatus* and the Southern Herring Gull *Larus cachinnans* in European Russia. *Russian Journal of Zoology* 3(1): 129-141 [Original Russian text in *Zoologicheskii Zhurnal* 78(3): 334-348].
- Parsons, J.** 1972. Egg size, laying date and incubation period in the Herring Gull. *Ibis* 114(4): 536-541.
- Parsons, J.** 1975. Asynchronous hatching and chick mortality in the Herring Gull *Larus argentatus*. *Ibis* 117(4): 517-520.
- Parsons, J.** 1975. Seasonal Variation in the Breeding Success of the Herring Gull: An Experimental Approach to Pre-Fledging Success. *Journal of Animal Ecology* 44(2): 553-573.
- Pennington, M.** 1997. Letters: Glaucous and Herring Gull hybridisation. *Birding World* 10(9): 352.
- Perry, P.** 1982. The use of gull nests by Eiders. *British Birds* 75(8): 360-365.
- Perry, P.** 1987. Notes: Gulls feeding near humpback whale. *British Birds* 80(11): 575-576.
- Pollock, C.M.** 1994. Observations on the distribution of seabirds off south-west Ireland. *Irish Birds* 5(2): 173-182.
- Radford, D.J.** 1983. Notes: Herring Gull locating food with feet. *British Birds* 76(10): 453.
- Richards, C.E.** 1995. Notes: Attempted copulation between adult and first-year Herring Gulls. *British Birds* 88(5): 226.
- Rock, P.** 2005. Urban gulls: problems and solutions. *British Birds* 98(7): 338-355.
- Römhild, M.** 2000. Rätselvogel 79: Hybrid zwischen Eis- und Silbermöwe *Larus hyperboreus* x *L. argentatus* [Mystery Bird 79: Hybrid between Glaucous and Herring Gull *Larus hyperboreus* x *L. argentatus*]. *Limicola* 14(5): 247-249.
- Sangster, G. et al** 2005. Taxonomic recommendations for British Birds: third report. *Ibis* 147: 821-826.
- Sangster, G. et al** 2007. Taxonomic recommendations for British Birds: fourth report. *Ibis* 149: 853-857.
- Stanley, P.I. et al** 1981. The origins of Herring Gulls wintering inland in south-east England. *Bird Study* 28(2): 123-132.
- Sternkopf, V. et al** 2010. Introgressive hybridization and the evolutionary history of the herring gull complex revealed by mitochondrial and nuclear DNA. *BMC Evolutionary Biology* 10: 348 doi:10.1186/1471-2148-10-348 [online PDF] Available from: <http://www.biomedcentral.com/1471-2148/10/348> [Accessed December 2010].
- Sutherland, M.P.** 1983. Notes: Presumed hybrid Glaucous x Herring Gulls in Kent. *British Birds* 76(2): 83-85.
- Suttie, I.S.** 2001. Notes: Oystercatcher incubating egg and rearing young of Herring Gull. *British Birds* 94(2): 89.
- Upton, A.J.** 2003. Breeding seabirds on the Isle of Muck, Co. Antrim. *Northern Ireland Bird Report 2001* pp. 111-122 (113).
- van Bemmelen, R.S.A. & Groenendijk, D.** 2005. Masters of Mystery Solution: European Herring Gull. *Dutch Birding* 27(2): 130-132.

- Vigfúsdóttir, F. et al** 2008. Hybridization of glaucous gull (*Larus hyperboreus*) and herring gull (*Larus argentatus*) in Iceland: mitochondrial and microsatellite data. *Philosophical Transactions of the Royal Society B: Biological Sciences* 363(1505): 2851-2860.
- Vinicombe, K.** 1984. Mystery photographs: 2nd year Herring Gull with a bill band. *British Birds* 77(6): 245-247.
- Vinicombe, K.** 1995. Identification: Nice race, shame about the legs. *Birdwatch* 38: 24-29.
- Vinicombe, K.** 2007. ID at a glance: Juvenile Yellow-legged Gull. *Birdwatch* 182: 28-30.
- Vinicombe, K.** 2008. Identification: American Herring Gull. *Birdwatch* 187: 31-35.
- Voipio, P.** 1993. Differences in ecological properties in the herring gull (*Larus argentatus*) as a basis for explaining and predicting colonization events - A case history in retrospect. *Annales Zoologici Fennici* 30: 3-15.
- Walker, D.** 1991. Letters: Albino Herring Gull. *Birding World* 4(3): 88.
- Walker, D.G.** 1982. Notes: Herring Gull killing Black-headed Gull. *British Birds* 75(12): 580.
- Wallen, M.S.** 1997. Notes: Herring Gull attempting to catch Great Spotted Woodpecker in flight. *British Birds* 90(3): 114.
- Walters, J.** 1978. The primary moult in four gull species near Amsterdam. *Ardea* 66: 32-47.
- Whilde, A.** 1977. A Preliminary Account of the Summer Populations of Gulls on Lough Corrib. *Irish Birds* 1(1): 59-62.
- Whilde, A.** 1978. A Survey of Gulls breeding inland in the West of Ireland in 1977 and 1978 and a review of the inland breeding habit in Ireland and Britain. *Irish Birds* 1(2): 134-160.
- Whilde, A.** 1983. A repeat survey of gulls breeding inland in the west of Ireland. *Irish Birds* 2(3): 344-345.
- Whilde, A. et al** 1993. A repeat survey of gulls breeding inland in Counties Donegal, Sligo, Mayo and Galway, with recent counts from Leitrim and Fermanagh. *Irish Birds* 5(1): 67-72.
- Witt, H-H. et al** 1981. Comparative feeding ecology of Audouin's Gull and the Herring Gull *Larus argentatus* in the Mediterranean. *Ibis* 123: 519-526.
- Yésou, P. & Hirschfeld, E.** 1997. Which large gulls from the *Larus fuscus-cachinnans-argentatus* complex of (sub)species occur in Bahrain? *Sandgrouse* 19(2): 111-121.
- Yésou, P.** 1991. The sympatric breeding of *Larus fuscus*, *L. cachinnans* and *L. argentatus* in western France. *Ibis* 133(3): 256-263.
- Yésou, P.** 2002. Trends in systematics: Systematics of *Larus argentatus-cachinnans-fuscus* complex revisited. *Dutch Birding* 24(5): 271-298.
- Yésou, P. et al** 1994. Letters: An answer to Chylarecki's comments on the 'new Herring Gull taxonomy'. *British Birds* 87(2): 73-78.
- Young, H.G.** 1987. Notes: Herring Gull preying on rabbits. *British Birds* 80(12): 630.
- Young, H.G.** 1993. Behaviour notes: Prey and prey-capture techniques of Herring Gull. *British Birds* 86(1): 19.

## American Herring Gull

***Larus smithsonianus*** [Coues 1862, North America]

North America. Winters S to C America.

Treated by Collinson *et al* 2008 to include the forms *vegae* and *mongolicus*.

Other names: Smithsonian Gull, Nelson's Gull (hybrid Glaucous x American Herring Gull), Chandeleur Gull (hybrid Kelp x American Herring Gull).

**Dr. Edward William Nelson** (1855-1934), American ornithologist and founding President of the American Ornithologists' Union, who collected the type specimen of the form named after him.

1st WP Record: [2nd winter] November 1937. Captured at sea in the North Atlantic 480km off the coast of Spain. The bird had been ringed as a chick on Kent Island, New Brunswick, Canada during August 1936 (Gross 1940).

**Adriaens, P. & Mactavish, B.** 2004. Identification of adult American Herring Gull. *Dutch Birding* 26(3): 151-179.

**Adriaens, P. et al** 2008. First-year Herring Gulls mimicking Smithsonian Gull. *Dutch Birding* 30(1): 1-6.

**Ahmad, M. & Elliot, M.** 2000. Identification: Red herrings? *Birdwatch* 99: 22-24.

**Batty, C.** 2002. Late winter gulling in Eire - a seasonal selection. *Birding World* 15(2): 72-73.

**Batty, C. et al** 2003. Winter gull gallery: 2002/2003. *Birding World* 16(3): 114-125.

**Baxter, P. & Gibbins, C.** 2007. Identification of Kumlien's and American Herring Gull and other large gulls at St. John's, Newfoundland. *Birding World* 20(4): 162-175.

- Braun, B.M. et al** 1980. Herring Gull predation on Red-breasted Merganser ducklings. *The Wilson Bulletin* 92(3): 403.
- British Ornithologists' Union** 1995. British Ornithologists' Union Records Committee: Twenty-second Report (May 1995). *Ibis* 137: 590-591.
- British Ornithologists' Union** 1997. British Ornithologists' Union Records Committee: Twenty-third Report (July 1996). *Ibis* 139: 197-201.
- British Ornithologists' Union** 2010. British Ornithologists' Union Records Committee: 38th Report (October 2009). *Ibis* 152: 199-204.
- Buckley, P.A.** 1998. Identification of an Oddly Small Gull. *Birding* XXX(3): 221-224.
- Burger, J. & Shisler, J.** 1978. Nest-site selection and competitive interactions of Herring and Laughing Gulls in New Jersey. *The Auk* 95: 252-266.
- Burger, J.** 1981. Movements of juvenile Herring Gulls hatched at Jamaica Bay refuge, New York. *Journal of Field Ornithology* 52(4): 285-290.
- Burke, P.** 1995. A probable first-winter Nelson's Gull. *Birders Journal* 4(1): 41-43.
- Butler, R.G. & Lukaszewicz, P.** 1979. A field study of the effect of crude oil on Herring Gull (*Larus argentatus*) chick growth. *The Auk* 96(4): 809-812.
- Campbell, R.W.** 2008. A new Herring Gull breeding site in southern British Columbia. *Wildlife Afield* 5(1): 49-51.
- Chen, J.Z. et al** 2001. Genetic variation in mitochondrial DNA of North American Herring Gulls, *Larus argentatus*. *Journal of Great Lakes Research* 27: 199-209.
- Collinson, J.M. et al** 2008. Species boundaries in the Herring and Lesser Black-backed Gull complex. *British Birds* 101(7): 340-363.
- Davis, A. & Vinicombe, K.** 2008. Why Chew's gull is a Yank. American Herring Gull: Chew Valley Lake, Somerset, from 8 May 2008. *Birdwatch* 194: 66.
- Diggin, J.** 2001. The American Herring Gulls in County Cork. *Birding World* 14(2): 62-65.
- Dittmann, D.L. & Cardiff, S.W.** 1998. Kelp Gull and Herring x Kelp Gull hybrids: A new saga in gull ID problems. *Louisiana Ornithological Society News* 181: 5-7.
- Dittmann, D.L. & Cardiff, S.W.** 2005. The "Chandeleur" Gull Origins and Identification of Kelp x Herring Gull Hybrids. *Birding* 37(3): 266-276.
- Dolbeer, R.A. et al** 1990. Herring Gulls, *Larus argentatus*, nesting on Sandusky Bay, Lake Erie, 1989. *The Ohio Journal of Science* 90(3): 87-89.
- Donegan, T. et al** 2009. Revision of the status of various bird species occurring or reported in Colombia. *Conservacion Colombiana* 8: 80-86.
- Dubois, P.** 1997. Letters: Putative Glaucous x Herring Gulls. *Birding World* 10(7): 275-277.
- Dubois, P.J.** 1997. Identification of North American Herring Gull. *British Birds* 90(8): 314-324.
- Dunn, E.** 1976. The development of endothermy and existence energy expenditure in herring gull chicks. *The Condor* 78: 493-498.
- Eaton, R.J.** 1933. The migratory movements of certain colonies of Herring Gulls (*Larus argentatus smithsonianus* Coues) in eastern North America. *Bird-Banding* 4(4): 165-176.
- Ewins, P.J. et al** 1992. Geographical distribution of contaminants and productivity measures of herring gulls in the Great Lakes: Lake Huron 1980. *Journal of Great Lakes Research* 18(2): 316-330.
- Fisher, D.J.** 1978. First record of Black-headed Gull *Larus ridibundus* and third record of Herring Gull *Larus argentatus* for South America. *Bulletin of the British Ornithologist' Club* 98: 113.
- Flood, B.** 2002. Three American Herring Gulls on the Isles of Scilly. *Birding World* 15(3): 106-110.
- Gabrey, S.W.** 1996. Migration and dispersal in Great Lakes Ring-billed and Herring Gulls. *Journal of Field Ornithology* 67: 327-339.
- Gamble, J.R. & Cristol, D.A.** 2002. Drop-catch behaviour is play in herring gulls, *Larus argentatus*. *Animal Behaviour* 63(2): 339-345.
- Garner, M. & McGeehan, A.** 1997. Dump Gulls. *Birding World* 10(3): 101-102.
- Garner, M.** 2004. Rare gulls in focus. *Birdwatch* 141: 26-30.
- Gottschling, M.** 2006. Die Kanadamöwe *Larus smithsonianus*, eine neue Art für Deutschland [American Herring Gull *Larus smithsonianus*, a new species for Germany]. *Limicola* 20(5): 225-230.
- Gottschling, M. et al** 2008. Hinweise zur Unterscheidung der Kanadamöwe *Larus smithsonianus* von der Silbermöwe *L. argentatus* [Identification of American Herring Gull *Larus smithsonianus* and European Herring Gull *L. argentatus*]. *Limicola* 22(1): 1-29.
- Gross, A.O.** 1940. The migration of Kent Island Herring Gulls. *Bird Banding* 11: 129-155.
- Hailman, J.P.** 1963. Herring Gull extends breeding range south to North Carolina. *The Auk* 80(3): 375-376.

- Haycock, K.A. & Threlfall, W.** 1975. The breeding biology of the Herring Gull in Newfoundland. *The Auk* 92(4): 678-697.
- Hebert, C.E. et al** 1999. A quarter century of environmental surveillance: The Canadian Wildlife Service's Great Lakes Herring Gull Monitoring Program. *Environmental Reviews* 7: 147-166.
- Hewitt, S.** 2013. Avian drop-catch play: a review. *British Birds* 106(4): 206-216 (208-211).
- Hoogendoorn, W. et al** 2003. Three American Herring Gulls at Porto, Portugal, in March-April 2001. *Dutch Birding* 25(4): 235-246.
- Howell, S.N.G. & Elliott, M.T.** 2001. Identification and Variation of Winter Adult Thayer's Gulls with Comments on Taxonomy. *Alula* 7(4): 130-144.
- Howell, S.N.G. & King, J.R.** 1998. Tail-pattern variation in first-year Herring Gull. *Western Birds* 29: 63-64.
- Howell, S.N.G. et al** 1999. First prebasic molt in Herring, Thayer's and Glaucous-winged Gulls. *Journal of Field Ornithology* 70(4): 543-554.
- Howell, S.N.G.** 2001. A New Look at Moults in Gulls. *Alula* 7(1): 2-11.
- IRBC** 2004. Irish Rare Birds Committee Report: Herring Gulls - taxonomic changes adopted by the IRBC. *Irish Birds* 7(3): 413.
- Jehl, J.R.** 1987. A review of 'Nelson's Gull' *Larus nelsoni*. *Bulletin of the British Ornithologist's Club* 107: 86-91.
- Jonsson, L. & Mactavish, B.** 2001. American Herring Gulls at Niagara Falls and Newfoundland. *Birders Journal* 10: 92-107.
- Kadlec, J.A. & Drury, W.H.** 1968. Structure of the New England Herring Gull population. *Ecology* 49(4): 644-676.
- Kehoe, C.** 2006. Racial identification and assessment in Britain: a report from the RIACT subcommittee. *British Birds* 99(12): 619-645 (630).
- King, J.R. & Carey, G.** 2000. Gulls in Japan. *Birding World* 13(4): 160-163.
- Knott, M.** 2009. A dark tail from Devon... American Herring Gull: Budleigh Salterton, Devon, 13 and 20 February 2009. *Birdwatch* 202: 58-59.
- Kury, C.R. & Gochfeld, M.** 1975. Human interference and gull predation in cormorant colonies. *Biological Conservation* 8(1): 23-34.
- Liebers, D. et al** 2004. OrnithoNews: Herring Gull is no longer 'Lord of the Rings'. *Birding World* 17(4): 176.
- Lonergan, P. & Mullarney, K.** 2004. Identification of American Herring Gull in a western European context. *Dutch Birding* 26(1): 1-35.
- López-Velasco, D. & Adriaens, P.** 2012. Adult Smithsonian Gull in Galicia, Spain, in winter 2011/12. *Dutch Birding* 34(5): 294-301.
- Maclean, N. et al** 2005. Taxonomy for birders: a beginner's guide to DNA and species problems. *British Birds* 98(10): 512-537.
- Madge, S.** 1996. Identification: Races apart. *Birdwatch* 49: 28-33.
- McGeehan, A.** 1997. Identification: Gull bender. *Birdwatch* 59: 18-21.
- Millington, R. & Garner, M.** 1998. American Herring Gull: in another age. *Birding World* 11(3): 109-112.
- Mullarney, K.** 1990. American Herring Gulls in Ireland. *Birding World* 3(3): 96-100.
- Pekarik, C. & Weseloh, D.V.** 1998. Organochlorine contaminants in herring gull eggs from the Great Lakes, 1974-1995: Change point regression analysis and short-term regression. *Environmental Monitoring and Assessment* 53: 77-115.
- Quinn, D.** 2009. American Herring Gull in Cheshire & Wirral: new to Britain. *British Birds* 102(6): 342-347.
- Rice, J.** 1987. Behavioural responses of Common Puffins to kleptoparasitism by Herring Gulls. *Canadian Journal of Zoology* 65: 339-347.
- 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 (288).
- Sanger, G.A.** 1973. Pelagic records of Glaucous-winged and Herring Gulls in the north Pacific Ocean. *The Auk* 90(2): 384-393.
- Sangster, G. et al** 2005. Taxonomic recommendations for British Birds: third report. *Ibis* 147: 821-826.
- Sangster, G. et al** 2007. Taxonomic recommendations for British Birds: fourth report. *Ibis* 149: 853-857.
- Sibley, D.** 1994. A Guide to Finding and Identifying Hybrid Birds. *Birding* XXVI(3): 162-177 (168).
- Snell, R.R.** 1981. Herring Gull attacks and eats adult male Oldsquaw. *The Wilson Bulletin* 93(1): 110-111.

- Stenhouse, I.J. et al** 2000. Herring Gull *Larus argentatus* predation on Leach's Storm-Petrels *Oceanodroma leucorhoa* breeding on Great Island, Newfoundland. *Atlantic Seabirds* 2(1): 35-44.
- Turner, J. & Kinsella, P.** 2011. A transatlantic love-hate affair. American Herring Gull: the Wirral, Cheshire, and Seaforth NR, Lancs, from 19 February 2011. *Birdwatch* 226: 54.
- Verbeek, N.A.M.** 1977. Comparative feeding ecology of adult and immature Herring Gulls. *The Wilson Bulletin* 89: 415-421.
- Vinicombe, K.** 1995. Identification: Nice race, shame about the legs. *Birdwatch* 38: 24-29.
- Vinicombe, K.** 2000. UK highlights: Another American Herring Gull? *Birdwatch* 96: 61.
- Vinicombe, K.** 2008. Identification: American Herring Gull. *Birdwatch* 187: 31-35.
- Vinicombe, K.** 2009. ID special: More questions than answers. *Birdwatch* 202: 31.
- Wahl, T.R.** 1975. Seabirds in Washington's offshore zone. *Western Birds* 6(4): 117-134 (127).
- Webb, K.** 2013. Close but no cigar. Probable American Herring Gull: St. Mary's, Scilly, 28 February 2013. *Birdwatch* 250: 62.
- Weseloh, D.V. et al** 1990. Geographical distribution of contaminants and productivity measures of herring gulls in the Great Lakes: Lake Erie and connecting channels 1978/79. *Science of the Total Environment* 91: 141-159.
- Yésou, P.** 2002. Trends in systematics: Systematics of *Larus argentatus-cachinnans-fuscus* complex revisited. *Dutch Birding* 24(5): 271-298.

## Vega Gull

***Larus vegae*** [Palmén 1887, NE Siberia].

[*L.v. vegae*] NC & NE Siberia (Russia). Winters Japan, Korea, S & E China and Taiwan.

[*L.v. mongolicus*] Mongolia & neighbouring parts of far eastern Russia, NE China and possibly South Korea. Winters S & E China, Korea & Japan.

Some authors disagree on the exact location of the border between the ranges of *vegae* and *heuglini*.

Both *vegae* and *mongolicus* treated by Collinson *et al* 2008 as forms of American Herring Gull.

The form *mongolicus* treated as a race of Caspian Gull by Olsen & Larsson 2004.

Yésou 2001, concludes that *mongolicus* should be given species status under the Phylogenetic Species Concept (PSC).

Other names: East Siberian Gull, Mongolian Gull (*mongolicus*), Birula's Gull (*L.v. birulai*) treated by some to be a form of *vegae* (or perhaps a hybrid) found in the NW part of its range.

**Aleksei Andreevich Byalynitsky-Birula** (1864-1937), Russian arachnologist and ornithologist who was the author of several books on the taxonomy of scorpions.

**Collinson, J.M. et al** 2008. Species boundaries in the Herring and Lesser Black-backed Gull complex. *British Birds* 101(7): 340-363.

**Elias, E. & Wilds, C.** 1992. ABAnswers: Q. Herring Gull Complex. *Birding* XXIV(5): 313-314.

**Kennerley, P.R.** 1987. Iris, leg and mantle colour of Mongolian Yellow-legged Gull. *Dutch Birding* 9(1): 29.

**King, J.R. & Carey, G.** 2000. Gulls in Japan. *Birding World* 13(4): 160-163.

**Lehman, P.** 2006. Autumn Plumages from the Bering Sea Region, Alaska. *Birding* 38(5): 26-33 (30).

**Lekagul, B. et al** 1985. Birdwatching in Thailand. *British Birds* 78(1): 2-39 (20-22).

**Lethaby, N. et al** 2000. Birding in South Korea. *Dutch Birding* 22(5): 204-219 (plate 199, p. 212).

**Liebers, D. et al** 2004. OrnithoNews: Herring Gull is no longer 'Lord of the Rings'. *Birding World* 17(4): 176.

**Lonergan, P. & Millington, R.** 2009. Identification of Vega Gull - a photo gallery. *Birding World* 22(2): 67-72.

**Madge, S.** 1996. Identification: Races apart. *Birdwatch* 49: 28-33.

**Madge, S.C.** 1983. Iris colour of Mongolian Yellow-legged Gull. *Dutch Birding* 5(4): 91.

**Madge, S.C.** 1985. Iris colour of Mongolian Yellow-legged Gull. *Dutch Birding* 7(4): 145.

**Millington, R.** 2009. Gulls from a New Horizon - the Pacific Ocean. *Birding World* 22(2): 57-59.

**Schenk, C. & Ebels, E.B.** 2004. Birds of Chukotka and Yakutia. *Dutch Birding* 26(4): 241-257.

**van Dijk, K. et al** 2011. Taimyr Gulls: evidence for Pacific winter range, with notes on morphology and breeding. *Dutch Birding* 33(1): 9-21.

**Vinicombe, K.** 1995. Identification: Nice race, shame about the legs. *Birdwatch* 38: 24-29.

**Webster, M.A.** 1968. Gulls of the South China coast. *Hong Kong Bird Report 1967* pp. 31-33 (31).

**Wilson, M.** 1996. Letters: *Heuglini* Gulls. *Birding* XXVIII(5): 362.

**Yésou, P.** 2001. Phenotypic variation and systematics of Mongolian Gull. *Dutch Birding* 23(2): 65-82.

**Yésou, P.** 2002. Trends in systematics: Systematics of *Larus argentatus-cachinnans-fuscus* complex revisited. *Dutch Birding* 24(5): 271-298.

## Caspian Gull

*Larus cachinnans* [Pallas 1811, Caspian Sea]

Black Sea E to Caspian Sea & E Kazakhstan and spreading to C Europe more recently. Winters mainly Black Sea, Middle East & Arabian Gulf and possibly NE Africa.

Treated by Olsen & Larsson 2004 to include the forms *barabensis* and *mongolicus*.

Other name: Pontic Gull.

- Bakker, Y. et al** 2000. Caspian Gull identification gallery. *Birding World* 13(2): 60-74.
- Batty, C. et al** 2003. Winter gull gallery: 2002/2003. *Birding World* 16(3): 114-125.
- Baumgart, W. & Kasperek, M.** 1992. Notes on some summer birds of Syria. *Zoology in the Middle East* 6: 13-19 (15-16).
- BBRC** 2000. Rarities Committee news: Request for records of nominate *cachinnans*, 'Caspian Gull'. *British Birds* 93(7):303.
- British Ornithologists' Union** 2002. British Ornithologists' Union Records Committee: 28th Report (October 2001). *Ibis* 144: 181-184.
- British Ornithologists' Union** 2004. British Ornithologists' Union Records Committee: 30th Report (October 2003). *Ibis* 146: 192-195.
- Buchheim, A.** 2001. Wing-tagged gulls from Germany. *Dutch Birding* 23(1): 25-26.
- Chylarecki, P. & Sikora, A.** 1991. Yellow-legged Gulls in Poland: a comment. *Dutch Birding* 13(4): 145-148.
- Chylarecki, P.** 1993. Letters: New Herring Gull taxonomy. *Birding World* 86(7): 316-319.
- Collinson, J.M. et al** 2008. Species boundaries in the Herring and Lesser Black-backed Gull complex. *British Birds* 101(7): 340-363.
- Collinson, M.** 2001. Genetic relationships among the different races of Herring Gull, Yellow-backed Gull and Lesser Black-backed Gull. *British Birds* 94(11): 523-528.
- Collinson, M.** 2001. Shifting sands: taxonomic changes in the world of the field ornithologist. *British Birds* 94(1): 2-27 (18).
- Copete, J.L. et al** 2006. First-winter Caspian Gull off Gijón, Spain, in September 2005. *Dutch Birding* 28(1): 19-21.
- de Heer, P.** 1981. Over Herkenning van Geelpootmeeuw en Voorkomen in Nederland [On the Identification of Yellow-legged Gull in Netherlands]. *Dutch Birding* 2(4): 131-139.
- DeBenedictis, P.** 1994. ABA Checklist Report 1993, New Species Accepted. *Birding XXVI*(5): 320-326 (322).
- Dubois, P.J.** 1991. Yellow-legged Gulls in Poland: a reply to Chylarecki & Sikora. *Dutch Birding* 13(5): 182-183.
- Dubois, P.J.** 2006. Le Goéland pontique (*Larus cachinnans*) en France: statut et éléments d'identification [Caspian Gull *Larus cachinnans* in France: status and identification]. *Ornithos* 13(6): 366-367.
- Dubois, P.J. et al** 1990. Occurrence of Yellow-legged Gull in Poland. *Dutch Birding* 12(1): 14-17.
- Ebels, E.B. et al** 1996. Kaspische Geelpootmeeuw bij Geldermalsen in december 1991 [Caspian Yellow-legged Gull at Geldermalsen in December 1991]. *Dutch Birding* 18(6): 302-304.
- Eigenhuis, K.** 1991. Yellow-legged Gulls in Poland. *Dutch Birding* 13(6): 209-210.
- Eigenhuis, K.J.** 1990. Occurrence of Yellow-legged Gull in Poland. *Dutch Birding* 12(4): 192-193.
- Elias, E. & Wilds, C.** 1992. ABAAnswers: Q. Herring Gull Complex. *Birding XXIV*(5): 313-314.
- Faber, M. & Neubauer, G.** 2002. Herring, Yellow-legged and Pontic Gulls wintering in inland Poland. *Dutch Birding* 24(6): 350-357.
- Faber, M. et al** 2001. Mixed colonies of large white-headed gulls in southern Poland. *British Birds* 94(11): 529-534.
- Forrester, R.W.** 1995. Yellow-legged Gull in Scotland. *Scottish Birds* 18: 95-100.
- Gantlett, S.** 2001. A Checklist of the Bird Forms of Britain and Ireland. *Birding World* 14(1): 19-20.
- Garner, M.** 1997. Identification of Yellow-legged Gulls in Britain Part 1. *British Birds* 90(1-2): 25-62.
- Garner, M.** 1998. Brieven: Variability of field characters in adult Pontic Gull: a comment. *Dutch Birding* 20(5): 238.
- Garner, M.** 1998. Identification: Gulls, Another piece in the jigsaw. *Birdwatch* 74: 25-32.
- Garner, M.** 1999. Brieven: Identification of alleged juvenile Pontic Gull in the Netherlands in September 1997. *Dutch Birding* 21(1): 40-41.
- Garner, M.** 2011. Identification: Caspian Gull - Photo Guide. *Birdwatch* 233: 41-47.
- Garner, M. et al** 1997. Identification of Yellow-legged Gulls in Britain Part 2. *British Birds* 90(9): 369-383.
- Gauntlett, F.M.** 2002. Letters: Genetic relationships of large gulls. *British Birds* 95(9): 467.

- Gibbins, C. et al** 2010. Identification of Caspian Gull. Part 1: typical birds. *British Birds* 103(3): 142-183.
- Gibbins, C. et al** 2011. Identification of Caspian Gull. Part 2: phenotypic variability and the field characteristics of hybrids. *British Birds* 104(12): 702-742.
- Gibbins, C. et al** 2012. Azerbaijan: Caspian Gulls and more. *Birding World* 25(7): 287-296.
- Gibbins, C.N.** 2003. Phenotypic variability of Caspian Gull. *Birding Scotland* 6: 59-74.
- Grant, P.J.** 1983. Notes: Yellow-legged Gulls in Britain. *British Birds* 76(4): 192-194.
- Gruber, D.** 1993. Rätselvogel 38: Weißkopfmöwe *Larus cachinnans cachinnans* [Mystery Bird 38: Yellow-legged Gull *Larus cachinnans cachinnans*]. *Limicola* 7(6): 314-315.
- Gwiazda, R. et al** 2011. Diet composition of the Caspian Gull (*Larus cachinnans*) in inland Poland: effects of breeding area, breeding stage and sympatric breeding with the Herring Gull (*Larus argentatus*). *Ornis Fennica* 88(2): 80-89.
- Hirschfeld, E.** 1992. Letters: More gulls with bill bands. *Birding World* 5(3): 116.
- IRBC** 2004. Irish Rare Birds Committee Report: Herring Gulls - taxonomic changes adopted by the IRBC. *Irish Birds* 7(3): 413.
- Johsson, L.** 1998. Yellow-legged gulls and yellow-legged Herring Gulls in the Baltic. *Alula* 4(3): 74-100.
- Kehoe, C.** 2006. Racial identification and assessment in Britain: a report from the RIACT subcommittee. *British Birds* 99(12): 619-645 (630).
- Klein, R. & Buchheim, A.** 2003. Die Albatrospose der Steppenmöwe *Larus cachinnans* [The Albatross posture of Caspian Gull *Larus cachinnans*]. *Limicola* 17(1): 21-26.
- Klein, R. & Gruber, D.** 1997. Die Bestimmung und taxonomische Stellung der in Mitteleuropa auftretenden Weißkopfmöwen *Larus cachinnans* [Identification and taxonomic position of the White-headed Gulls *Larus cachinnans* in Central Europe]. *Limicola* 11(2): 49-75.
- Klein, R. & Neubauer, G.** 2006. Einflüge von Steppenmöwen *Larus cachinnans* und Mittelmeermöwen *L. michahellis* ins nördliche Mitteleuropa – Herkunft, Ursachen, Verlauf und Trend [Influxes of Caspian Gulls *Larus cachinnans* and Yellow-legged Gulls *L. michahellis* into northern Central Europe – origin, causes, course and trend]. *Vogelwelt* 127: 91–97.
- Knox, A.** 1989. Letters: Proposed changes to the Voous List. *British Birds* 82(3): 119-120.
- Koerkamp, G.G. & Ebels, E.B.** 1997. Pontische Geelpootmeeuw bij Zutphen in september-november 1988 [Pontic Yellow-legged Gull at Zutphen in September-November 1988]. *Dutch Birding* 19(6): 280-283.
- Kylänpää, J.** 2000. Birds of Dera Ismail Khan District of North West Frontier Province in Pakistan. *Forktail* 16: 15-28 (20).
- Leivo, M. & Dernjatin, P.** 2000. Kazakhstan - The land of the Pallas's Sandgrouse (Grey-backed Large Gulls). *Alula* 6(2): 55.
- Lenda, M. et al** 2010. Do invasive species undergo metapopulation dynamics? A case study of the invasive Caspian gull, *Larus cachinnans*, in Poland. *Journal of Biogeography* 37(9): 1824-1834.
- Lewington, I.** 2006. A Caspian Gull in Oxfordshire and Ireland. *Birding World* 19(3): 118-119.
- Liebers, D. et al** 1997. Variability of field characters in adult Pontic Yellow-legged Gulls. *Dutch Birding* 19(6): 277-280.
- Liebers, D. et al** 2004. OrnithoNews: Herring Gull is no longer 'Lord of the Rings'. *Birding World* 17(4): 176.
- Macleay, N. et al** 2005. Taxonomy for birders: a beginner's guide to DNA and species problems. *British Birds* 98(10): 512-537.
- Madge, S.** 1992. Letters: Yellow-legged Gulls with bill bands. *Birding World* 5(2): 67.
- Madge, S.** 1996. Identification: Races apart. *Birdwatch* 49: 28-33.
- Mallalieu, M. & Hodge, T.N.** 1981. Notes: Yellow-legged Herring Gulls in north Kent. *British Birds* 74(8): 351.
- McGeehan, A.** 1999. Birding from the hip: Missionary position - Spread the word, Caspian Gull is easy. *Birdwatch* 82: 15.
- Mierauskas, P. & Greimas, E.** 1992. Taxonomic status of yellow-legged Herring Gulls in eastern Baltic. *Dutch Birding* 14(3): 91-94.
- Millington, R. & Garner, M.** 1999. Winter gulls gallery. *Birding World* 12(2): 62-68.
- Millington, R.** 2009. Gulls winter 2008/9 - a photo gallery. *Birding World* 22(2): 78-86.
- Mitchell, D.** 2013. Identification: Yellow-legged Gull Photo Guide. *Birdwatch* 257: 37-44.
- Moore, C.C.** 2008. Caspian Gull *Larus cachinnans* at Beja: a new species for Portugal. *Anuário Ornitológico* 6: 85-89.
- Musgrove, A.J. et al** 2011. Overwinter population estimates of British waterbirds. *British Birds* 104(7): 364-397 (391).



- Neubauer, G. & Millington, R.** 2000. Caspian Gull identification revisited. *Birding World* 13(11): 462-465.
- Neubauer, G. et al** 2007. Notes: The origin of 'Caspian Gulls' breeding in Poland. *British Birds* 100(9): 552-554.
- Nikander, P.J.** 1997. Photonews. *Alula* 3(4): 186.
- Olsen, K.M. & Larsson, H.** 2004. Identification: Unmask a Caspian. *Birdwatch* 147: 23-26.
- Panov, E.N. & Monzиков, D.G.** 1999. Intergradation between the Herring Gull *Larus argentatus* and the Southern Herring Gull *Larus cachinnans* in European Russia. *Russian Journal of Zoology* 3(1): 129-141 [Original Russian text in *Zoologicheskii Zhurnal* 78(3): 334-348].
- Panov, E.N. & Monzиков, D.G.** 2000. Status of the form *barabensis* within the '*Larus argentatus-cachinnans-fuscus* complex'. *British Birds* 93(5): 227-241.
- Rauste, V.** 2002. A 2cy spring Caspian Gull *Larus (argentatus) cachinnans*. *Alula* 8(3): 110-111.
- Redman, P.S.** 1981. Notes: Yellow-legged Herring Gulls in France and Britain. *British Birds* 74(8): 349.
- Rudenko, A.G.** 1996. Present Status of Gulls and Terns Nesting in the Black Sea Biosphere Reserve. *Colonial Waterbirds* 19(Special Ed. 1): 41-45.
- Rudenko A.G.** Migration of Pontic Gulls *Larus cachinnans* form '*ponticus*' ringed in the south of Ukraine: a review of recoveries from 1929 to 2003. Found in: **Boere, G.C. et al** (eds.) 2006. *Waterbirds Around the World*. The Stationery Office, Edinburgh, U.K.
- Sammut, M. & Azzopardi, J.** 2010. The status of Caspian Gull in Malta. *British Birds* 103(3): 185-187.
- Sangster, G. et al** 2005. Taxonomic recommendations for British Birds: third report. *Ibis* 147: 821-826.
- Sangster, G. et al** 2007. Taxonomic recommendations for British Birds: fourth report. *Ibis* 149: 853-857.
- Skórka, P. & Wójcik, J.D.** 2008. Habitat utilisation, feeding tactics and age related feeding efficiency in the Caspian Gull *Larus cachinnans*. *Journal of Ornithology* 149(1): 31-39.
- Skórka, P. et al** 2005. Colonization and population growth of Yellow-legged Gull *Larus cachinnans* in southeastern Poland: causes and influence on native species. *Ibis* 147: 471-482.
- Small, B.** 2001. The juvenile Caspian Gull in Suffolk. *Birding World* 14(9): 385-387.
- Vinicombe, K.** 1981. Notes: Yellow-legged Herring Gulls in Britain. *British Birds* 74(8): 352.
- Vinicombe, K.** 1995. Identification: Nice race, shame about the legs. *Birdwatch* 38: 24-29.
- Voipio, P.** 1993. Differences in ecological properties in the herring gull (*Larus argentatus*) as a basis for explaining and predicting colonization events - A case history in retrospect. *Annales Zoologici Fennici* 30: 3-15.
- Wassink, A. & Oreel, G.J.** 2008. Birds of Kazakhstan: new and interesting data. *Dutch Birding* 30(2): 93-100 (96).
- Wilds, C. & Czaplak, D.** 1994. Yellow-legged Gulls *Larus cachinnans* in North America. *Wilson's Bulliten* 106: 344-356.
- Yésou, P. & Hirschfeld, E.** 1997. Which large gulls from the *Larus fuscus-cachinnans-argentatus* complex of (sub)species occur in Bahrain? *Sandgrouse* 19(2): 111-121.
- Yésou, P.** 1986. Letters: Herring Gulls of '*cachinnans*' group nesting on buildings. *British Birds* 79(7): 350.
- Yésou, P.** 1991. The sympatric breeding of *Larus fuscus*, *L. cachinnans* and *L. argentatus* in western France. *Ibis* 133(3): 256-263.
- Yésou, P.** 2002. Trends in systematics: Systematics of *Larus argentatus-cachinnans-fuscus* complex revisited. *Dutch Birding* 24(5): 271-298.
- Yésou, P. et al** 1994. Letters: An answer to Chylarecki's comments on the 'new Herring Gull taxonomy'. *British Birds* 87(2): 73-78.

## Yellow-legged Gull

***Larus michahellis*** [J.F. Naumann 1840, coast of Dalmatia, Adriatic Sea].

[*L.m. michahellis*] W & S Europe and NW Africa E thru Mediterranean to Black Sea.

[*L.m. atlantis*] Azores, Madeira & Canary Islands.

Form *lusitanius* treated by Olsen & Larsson 2004 as a race of Yellow-legged Gull found in N & NW Iberia.

Other name: Atlantic Gull (*atlantis*).

**Georg Christian Karl Wilhelm Michahelles** (1807-1834), Bavarian/German zoologist and physician who travelled in the Balkans and Greece studying the birds of the area.

- Adriaens, P.** 1996. Ringnavelmeeuw te Kluizen in april 1994 [Ring-billed Gull at Kluizen in April 1994]. *Dutch Birding* 18(5): 238-240.
- Ahmed, R. et al** 2010. Timing of primary moult in large gull taxa at five locations in Europe. *Caluta* 1: 14-20. [Caluta is available online from <http://www.caluta.liitin.net/>]
- Arcos, J.M. et al** 2001. Competition between the yellow-legged gull *Larus cachinnans* and Audouin's gull *Larus audouinii* associated with commercial fishing vessels: the influence of season and fishing fleet. *Marine Biology* 139: 807-816.
- Arizaga, J. et al** 2008. Sex Differentiation of Yellow-legged Gull (*Larus michahellis lusitanicus*): the Use of Biometrics, Bill Morphometrics and Wing Tip Coloration. *Waterbirds* 31(2): 211-219.
- Arizaga, J. et al** 2010. First-Year Movements of Yellow-Legged Gull (*Larus Michahellis Lusitanicus*) from the Southeastern Bay of Biscay. *Waterbirds* 33(4): 444-450.
- Barone, R. & Lorenzo, J.A.** Gaviota patiamarilla *Larus michahellis* [Yellow-legged Gull], pp. 245-249. Found in: **Lorenzo, J.A.** (ed.) 2007. *Atlas de las aves nidificantes en el archipiélago canario (1997-2003)*. Dirección General de Conservación de la Naturaleza – Sociedad Española de Ornitología (SEO/BirdLife), Madrid.
- Batty, C. et al** 2003. Winter gull gallery: 2002/2003. *Birding World* 16(3): 114-125.
- Bosch, M. & Sol, D.** 1996. Daily activity patterns in breeding Yellow-legged Gulls (*Larus cachinnans*). *Ardeola* 43(1): 97-101.
- British Ornithologists' Union** 2002. British Ornithologists' Union Records Committee: 28th Report (October 2001). *Ibis* 144: 181-184.
- Brugière, D.** 1999. L'extension du Goéland leucophée *Larus cachinnans* dans le Massif central [The range extension of the Yellow-legged Gull *Larus cachinnans* in the Massif Central]. *Alauda* 67(3): 236-237.
- Buchheim, A.** 2001. Wing-tagged gulls from Germany. *Dutch Birding* 23(1): 25-26.
- Buchheim, A.** 2005. Rätselvogel 110: Mittelmeermöwe *Larus michahellis* [Mystery Bird 110: Yellow-legged Gull *Larus michahellis*]. *Limicola* 19(6): 338-341.
- Callahan, D.** 2010. Taxonomy: Seabird splits. *Birdwatch* 217: 25-27.
- Chylarecki, P.** 1993. Letters: New Herring Gull taxonomy. *Birding World* 86(7): 316-319.
- Collinson, M.** 2001. Genetic relationships among the different races of Herring Gull, Yellow-backed Gull and Lesser Black-backed Gull. *British Birds* 94(11): 523-528.
- Collinson, M.** 2001. Shifting sands: taxonomic changes in the world of the field ornithologist. *British Birds* 94(1): 2-27 (18).
- Collinson, M.** 2006. Splitting headaches? Recent taxonomic changes affecting the British and Western Palearctic lists. *British Birds* 99(6): 306-323 (310-311).
- Cornell, C. et al** 1995. Probable Yellow-legged Gull in Nova Scotia. *Birders Journal* 4(6): 302-304.
- Cortes, J. & Ameziane, M.** 2007. Nesting sites of the Yellow-legged Gull *Larus michahellis* in north-eastern Morocco. *Gibraltar Bird Report 2006* pp. 51-54.
- Cottaar, F.** 1994. Geelpootmeeuwcomplex van Ijmuiden: in hoeverre zijn geelpootmeeuwen echte etc. [Yellow-legged Gulls and hybrids breeding at Ijmuiden since 1987]. *Dutch Birding* 26(1): 36-42.
- Cottaar, F. et al** 2004. Geelpootmeeuw gepaard met Kleine Mantelmeeuw broedend te Ijmuiden [Yellow-legged Gull breeding at Ijmuiden since 1987]. *Dutch Birding* 16(6): 231-232.
- de Knijff, P. et al** 2001. Genetic affinities within the Herring Gull *Larus argentatus* assemblage revealed by AFLP genotyping. *Journal of Molecular Evolution* 52: 85-93.
- Delgado, G. et al** 1991. Distribution and population status of the Herring Gull *Larus argentatus* in the Canary Islands. *Seabirds* 14: 55-59.
- Dennis, M.** 1992. Letters: Yellow-legged Herring Gulls in Essex. *British Birds* 85(5): 246.
- Dennis, M.K.** 1995. Yellow-legged Gull along the River Thames in Essex. *British Birds* 88(1): 8-14.
- Devillers, P. & Potvliege, R.** 1981. The Yellow-legged Gull, *Larus cachinnans michahellis*, in Belgium. *Le Gerfaut* 71: 659-666.
- Devillers, P.** 1983. Notes: Yellow-legged Herring Gulls on southern North Sea shores. *British Birds* 76(4): 191-192.
- Dubois, P.** 2001. Atlantic Islands Yellow-legged Gulls: an identification gallery. *Birding World* 14(7): 293-304.
- Dubois, P.J. & Yésou, P.** 1984. Identification of juvenile yellow-legged Herring Gulls. *British Birds* 77(8): 344-348.
- Dubois, P.J.** Notes on the 'Cantabrian' Herring Gull, pp. 41-42. Found in: **Grant, P.J. et al** (eds.) 1987. *International Bird Identification (Proceedings of the 4th Meeting, Eilat 1-8 November 1986)*. International Birdwatching Center, Eilat and British Birds Ltd., Biggleswade.
- Elias, E. & Wilds, C.** 1992. ABAnswers: Q. Herring Gull Complex. *Birding* XXIV(5): 313-314.

- Elliott, M.** 2008. The Azorean Atlantic Gull in Cornwall. *Birding World* 21(11): 462-466.
- Evers, P. et al** 1996. Ringsnavelmeeuw in Belgisch-Nederlands Maasplassengebied in januari 1995 [Ring-billed Gull at Belgian-Dutch Maasplassen area in January 1995]. *Dutch Birding* 18(5): 240.
- Faber, M. & Neubauer, G.** 2002. Herring, Yellow-legged and Pontic Gulls wintering in inland Poland. *Dutch Birding* 24(6): 350-357.
- Faber, M. et al** 2001. Mixed colonies of large white-headed gulls in southern Poland. *British Birds* 94(11): 529-534.
- Fasola, M. & Canova, L.** 1992. Nest Habitat Selection by Eight Syntopic Species of Mediterranean Gulls and Terns. *Colonial Waterbirds* 15(2): 169-178.
- Forrester, R.W.** 1995. Yellow-legged Gulls in Scotland. *Scottish Birds* 18: 95-100.
- Forsten, A.** (ed.) 2003. Photonews. *Alula* 9(4): 154.
- Galarza, A. et al** 2008. Sexual size dimorphism and determination of sex in Atlantic yellow-legged gulls *Larus michahellis lusitanicus* from Northern Spain. *Ardeola* 55(1): 41-47.
- Gantlett, S.** 2001. A Checklist of the Bird Forms of Britain and Ireland. *Birding World* 14(1): 19-20.
- Garcia, E.F.J.** 1987. Notes: Juvenile Herring Gull with aberrant white wing markings. *British Birds* 80(12): 630.
- Garner, M.** 1997. Identification of Yellow-legged Gulls in Britain Part 1. *British Birds* 90(1-2): 25-62.
- Garner, M.** 1998. Identification: Gulls, Another piece in the jigsaw. *Birdwatch* 74: 25-32.
- Garner, M.** 1999. Brieven: Identification of alleged juvenile Pontic Gull in the Netherlands in September 1997. *Dutch Birding* 21(1): 40-41.
- Garner, M. et al** 1997. Identification of Yellow-legged Gulls in Britain Part 2. *British Birds* 90(9): 369-383.
- Gauntlett, F.M.** 2002. Letters: Genetic relationships of large gulls. *British Birds* 95(9): 467.
- Gibbins, C. et al** 2010. Identification of Caspian Gull. Part 1: typical birds. *British Birds* 103(3): 142-183.
- Gordinho, L.** 2009. The Azores, A View from the ABA Area. *Birding* 41(1): 38-46.
- Gosselin, M. et al** 1986. Hybrid Yellow-legged Gull from the Madeleine Islands. *American Birds* 40(1): 58-60.
- Grant, P.J. & Hume, R.A.** 1981. Notes: Herring Gulls with characters of Mediterranean race in Kent. *British Birds* 74(8): 350.
- Grant, P.J.** 1983. Notes: Yellow-legged Gulls in Britain. *British Birds* 76(4): 192-194.
- Grant, P.J.** 1984. Mystery photographs: Yellow-legged Gull. *British Birds* 77(10): 476-479.
- Hammer, K.C. et al** 1994. Mesopelagic fish eaten by Yellow-legged Herring Gull *Larus argentatus atlantis* in the Azores. *Seabird* 16: 30-33.
- Harvey, P.V.** 2002. Yellow-legged Gull at Burrafirth: first Shetland record. *Shetland Bird Report 2001* pp. 93-94.
- Hoogendoorn, W. et al** 2003. Interesting gull records at Porto, Portugal, in March-April 2001. *Dutch Birding* 25(4): 246-247.
- Howell, S.N.G.** 2001. A New Look at Molt in Gulls. *Alula* 7(1): 2-11.
- Hume, R.A.** 1983. Notes: Herring Gulls in Israel. *British Birds* 76(4): 189-191.
- Hutchinson, C.D. & Preston, K.** 1970. Herring Gulls with yellow gulls in Co. Cork. *Cork Bird Report* 1969 pp. 20-21.
- IRBC** 2004. Irish Rare Birds Committee Report: Herring Gulls - taxonomic changes adopted by the IRBC. *Irish Birds* 7(3): 413.
- Ismann, P.** 1973. Data on wandering of *L. c. michahellis* hatched in the Mediterranean. *L'Oiseau et R.F.O.* 43: 187-195.
- Johsson, L.** 1998. Yellow-legged gulls and yellow-legged Herring Gulls in the Baltic. *Alula* 4(3): 74-100.
- Jönsson, P.E.** 1984. Notes: Herring Gulls exploiting and 'helping' feeding Shags. *British Birds* 77(9): 421.
- Kehoe, C.** 2006. Racial identification and assessment in Britain: a report from the RIACT subcommittee. *British Birds* 99(12): 619-645 (629).
- King, J.** 1996. OrnithoNews: Yellow-legged Gull genetically distinct. *Birding World* 9(7): 283.
- Klein, R. & Neubauer, G.** 2006. Einflüge von Steppenmöwen *Larus cachinnans* und Mittelmeermöwen *L. michahellis* ins nördliche Mitteleuropa – Herkunft, Ursachen, Verlauf und Trend [Influxes of Caspian Gulls *Larus cachinnans* and Yellow-legged Gulls *L. michahellis* into northern Central Europe – origin, causes, course and trend]. *Vogelwelt* 127: 91–97.
- Kok, D. & van Duivendijk, N.** 1998. Masters of Mystery Solution: 1st year Yellow-legged Gull. *Dutch Birding* 20(6): 301-304.

- Lewington, I.** 2009. Identification of the Azorean Atlantic Gull in Oxfordshire. *Birding World* 22(11): 459-462.
- Liebers, D. et al** 2004. OrnithoNews: Herring Gull is no longer 'Lord of the Rings'. *Birding World* 17(4): 176.
- Lowe, T.** 2006. An Atlantic Gull in Ireland. *Birding World* 19(9): 391-392.
- Mactavish, B. & Fifield, D.** 1997. Yellow-legged Gull in Newfoundland: Third Provincial Record. *Birders Journal* 6(2): 93-95.
- Mactavish, B.** 1995. Yellow-legged Gull in St. John's, Newfoundland. *Birders Journal* 4(6): 294-299.
- Madge, S.** 1996. Identification: Races apart. *Birdwatch* 49: 28-33.
- Mallalieu, M. & Hodge, T.N.** 1981. Notes: Yellow-legged Herring Gulls in north Kent. *British Birds* 74(8): 351.
- Martinez-Abrain, A. et al** 2002. Movements of Yellow-legged Gulls *Larus [cachinnans] michahellis* from two small western Mediterranean colonies. *Atlantic Seabirds* 4(3): 101-108.
- Mayaud, N.** 1940. Considerations sur les affinités et al systematique de *Larus fuscus* et *Larus argentatus* [Considerations on the systematic affinities of *Larus fuscus* and *Larus argentatus*]. *Alauda* 12: 80-98.
- McGeehan, A.** 1998. Birding from the Hip: Spicing the stew - To whoever is in charge out there. *Birdwatch* 70: 15.
- McKenzie, D.** 2007. ID Special: Tales of atlantis. *Birdwatch* 175: 32-33.
- Melville, D.S.** 1991. Notes: Yellow-legged Gulls in Essex, 1973-74. *British Birds* 84(8): 342.
- Millington, R. & Garner, M.** 1999. Winter gulls gallery. *Birding World* 12(2): 62-68.
- Millington, R.** 2009. Gulls winter 2008/9 - a photo gallery. *Birding World* 22(2): 78-86.
- Moore, C.C.** 1996. Ship-attending movements of Atlantic Yellow-legged Gulls in Portuguese waters. *Dutch Birding* 18(1): 17-18.
- Mosquera, M.** 2008. Mobbing of migrant Short-toed Eagles *Circaetus gallicus* by Yellow-legged Gulls *Larus michahellis* during their northbound passage over Gibraltar. *Gibraltar Bird Report* 7 pp. 51-54.
- Moulaï, R.** 2007. Fluctuation saisonnière des oiseaux de la décharge publique de la ville de Béjaïa (Algérie), cas particulier du goéland leucopée (*Larus michahellis*) [Seasonal fluctuations of birds at the city dump in Béjaïa (Algeria), in particular yellow-legged Gull]. *Ostrich* 78: 527-531.
- Moulaï, R. et al** 2006. Effectifs et biologie de la reproduction du Goéland leucopée *Larus michahellis* dans la région de Béjaïa [Reproductive biology of Yellow-legged Gull *Larus michahellis* in the region of Béjaïa]. *Alauda* 74: 225-234.
- Mullarney, K.** 1999. Monthly Marathon Solution: 1st winter atlantis Yellow-legged Gull. *British Birds* 92(11): 613-614.
- Mullarney, K.** 2005. Monthly Marathon Solution: Yellow-legged Gull. *British Birds* 98(1): 53-54.
- Munilla, I.** 1997. Desplazamientos de la Gaviota Patiamarilla *Larus cachinnans* en poblaciones del norte de la Península Ibérica [Shifts in the Yellow-legged Gull *Larus cachinnans* in northern populations of the Iberian Peninsula]. *Ardeola* 44(1): 19-26.
- Musgrove, A.J. et al** 2011. Overwinter population estimates of British waterbirds. *British Birds* 104(7): 364-397 (392).
- Nogales, M. et al** 2001. Ecological and biogeographical implications of Yellow-Legged Gulls (*Larus cachinnans* Pallas) as seed dispersers of *Rubia fruticosa* Ait. (Rubiaceae) in the Canary Islands. *Journal of Biogeography* 28: 1137-1145.
- Oro, D. & Martínez-Vilalta, A.** 1994. Factors affecting kleptoparasitism and predation rates upon a colony of Audouin's Gull (*Larus audouinii*) by Yellow-legged Gulls (*Larus cachinnans*). *Colonial Waterbirds* 17: 35-41.
- Oro, D.** 1997. Courtship feeding between Yellow-legged Gull *Larus cachinnans* and Herring Gull *L. argentatus* in the western Mediterranean. *Marine Ornithology* 25: 74-75.
- Oro, D. et al** 2005. Estimating predation on breeding European storm-petrels (*Hydrobates pelagicus*) by yellow-legged gulls (*Larus michahellis*). *Journal of Zoology* 265(4): 421-429.
- Ouarab, S. et al** 2009. Numbers and phenology of the Yellow-legged Gull *Larus michahellis* in the wetland of Réghaïa. *Journal of Cell and Animal Biology* 3(12): 231-238.
- Paracuellos, M. & Nevado, J.C.** 2010. Culling Yellow-legged Gulls *Larus michahellis* benefits Audouin's Gulls *Larus audouinii* at a small and remote colony. *Bird Study* 57(1): 26-30.
- Redman, P.S.** 1981. Notes: Yellow-legged Herring Gulls in France and Britain. *British Birds* 74(8): 349.
- Rodríguez, B. et al** 2003. Status and distribution of breeding seabirds in the northern islets of Lanzarote, Canary Islands. *Atlantic Seabirds* 5(2): 41-56.

- Sangster, G. et al** 2005. Taxonomic recommendations for British Birds: third report. *Ibis* 147: 821-826.
- Sangster, G. et al** 2007. Taxonomic recommendations for British Birds: fourth report. *Ibis* 149: 853-857.
- Schweizer, M.** 2003. Die Postjuvenilmauser der Mittelmeermöwe *Larus michahellis* [Postjuvenile moult in Yellow-legged Gull *Larus michahellis*]. *Limicola* 17(4): 169-187.
- Stegeman, L.** 1991. Yellow-legged Gulls with flesh coloured legs. *Dutch Birding* 13(5): 176-177.
- Thibault, J-C. et al** 1996. Recent trends in Breeding Marine Birds of the Mediterranean Region with Special Reference to Corsica. *Colonial Waterbirds* 19(Special Pub. 1): 31-40.
- van Bemmelen, R.S.A. et al** 2006. Masters of Mystery Solution: 2nd calendar year *graellsii*. *Dutch Birding* 28(5): 311-314.
- van den Berg, A.B.** 1983. Yellow-legged Gull at IJmuiden in october 1982 and its identification. *Dutch Birding* 5(1): 15-17.
- Vercruyjsse, H.** 1995. In Frankrijk geringde Geelpootmeeuw gepaard met Zilvermeeuw op Neeltje Jans in 1992-94 [French-ringed Yellow-legged Gull paired with Herring Gull on Neetje Jans in 1992-94]. *Dutch Birding* 17(6): 246-247.
- Vercruyjsse, B.** 1984. Winter Head Streaking of Adult Yellow-legged Gulls *Larus cachinnans michahellis* in Belgium. *Wielewaal* 50: 241-244.
- Verroken, L.** 1987. Geelpootmeeuwen landinwaarts in België in 1985 [Inland records of Yellow-legged Gull in Belgium in 1985]. *Dutch Birding* 9(2): 67-68.
- Vinicombe, K.** 1981. Notes: Yellow-legged Herring Gulls in Britain. *British Birds* 74(8): 352.
- Vinicombe, K.** 1995. Identification: Nice race, shame about the legs. *Birdwatch* 38: 24-29.
- Vinicombe, K.** 1995. Identification: The ones to watch. *Birdwatch* 42: 24-30 (29).
- Vinicombe, K.** 2007. ID at a glance: Juvenile Yellow-legged Gull. *Birdwatch* 182: 28-30.
- Walker, D.** 1995. Status of Yellow-legged Gull at Dungeness, Kent. *British Birds* 88(1): 5-7.
- Wallen, M.** 2000. Letters: Red-billed Gulls. *Birding World* 13(12): 508.
- Wilds, C.P. & Czaplak, D.** 1994. Yellow-legged Gulls (*Larus cachinnans*) in North America. *Wilson's Bulletin* 106(2): 344-356.
- Witt, H-H.** 1982. Diet and breeding distribution of Audouin's Gull *Larus audouinii* in comparison with Yellow-legged Gull *Larus argentatus michahellis*. *Seevögel* 3: 87-91.
- Wright, B.** 1995. Feedback: So much more to learn about a complicated group of birds. *Birdwatch* 40: 22.
- Yésou, P. & Dubois, P.J.** 1993. Do flesh-coloured legs really occur in adult Yellow-legged Gulls? *Dutch Birding* 15(1): 24-25.
- Yésou, P.** 2002. Trends in systematics: Systematics of *Larus argentatus-cachinnans-fuscus* complex revisited. *Dutch Birding* 24(5): 271-298.
- Yésou, P. et al** 1994. Letters: An answer to Chylarecki's comments on the 'new Herring Gull taxonomy'. *British Birds* 87(2): 73-78.
- Zino, F. & Bischoito, M.** Breeding Seabirds in the Madeira archipelago, pp. 172-185. Found in: **Nettleship, D.N. et al** (eds.) 1994. *Seabirds on Islands Threats, Case Studies and Action Plans*. Cambridge, BirdLife International (BirdLife Conservation Series no. 1).

## Armenian Gull

***Larus armenicus*** [Buturlin 1934, Lake Sevan, Armenia].

Armenia to E Turkey & NW Iran beside mountain lakes. Winters SE Black Sea, E Mediterranean & N Red Sea.

Treated as a race of Yellow-legged Gull by some.

- Acfield, D.L. & Miller, J.** 1987. Notes: Herring Gull showing characters of '*L. a. armenicus*' in Britain. *British Birds* 80(12): 631.
- Bertault, Y. et al** 1988. Some comments on the Armenian Gull in Turkey. *OSME Bulletin* 20: 20-21.
- Bourne, W.R.P.** 1991. Armenian Gulls. *OSME Bulletin* 26: 49-50.
- Bourne, W.R.P.** The relationship between the Armenian and Heuglin's Gull, pp. 57-58. Found in: **Aguiar, J.S. et al** (eds.) 1993. *Status and Conservation of Seabirds*. MEDMARAVIS, GOB and SEO, Madrid.
- Buzun, V.A.** 1993. [Armenian Gull *Larus armenicus* Buturlin, 1934: morpho-biometrical and behavioural distinction with indication of taxonomical status]. *Russian Journal of Ornithology* 2: 471-490 [in Russian].
- Buzun, V.A.** 1993. [History of research and methodological problems of the study of the Armenian Gull *Larus armenicus* Buturlin, 1934]. *Russian Journal of Ornithology* 2: 383-388 [in Russian].

- Chylarecki, P.** 1993. Letters: New Herring Gull taxonomy. *Birding World* 86(7): 316-319.
- Collinson, M.** 2006. Splitting headaches? Recent taxonomic changes affecting the British and Western Palearctic lists. *British Birds* 99(6): 306-323 (310-311).
- Doherty, P.** 1992. Letters: Armenian Gull and California Gull. *Birding World* 5(3): 117-118.
- Elias, E. & Wilds, C.** 1992. ABAnswers: Q. Herring Gull Complex. *Birding* XXIV(5): 313-314.
- Filchagov, A.V.** 1993. The Armenian Gull in Armenia. *British Birds* 86(11): 550-560.
- Frede, M. & Langbehn, H.** 1997. A contribution to the identification and distribution of the Armenian Gull. *Alula* 3(3): 102-108.
- Garner, M.** 1997. Identification of Yellow-legged Gulls in Britain: Appendix 1. Some other possibilities. *British Birds* 90(1-2): 25-62 (60).
- Grant, P.J.** Notes on Armenian Herring Gull, p.43. Found in: **Grant, P.J. et al** (eds.) 1987. *International Bird Identification (Proceedings of the 4th Meeting, Eilat 1-8 November 1986)*. International Birdwatching Center, Eilat and British Birds Ltd., Biggleswade.
- Hirschfeld, E.** 1992. Letters: More gulls with bill bands. *Birding World* 5(3): 116.
- Hume, R.A.** 1983. Notes: Herring Gulls in Israel. *British Birds* 76(4): 189-191.
- Khanjyan, N.** 2004. *Specially Protected Nature Areas of Armenia*. Ministry of Natural Protection of the Republic of Armenia, Yerevan [online PDF in English, 54 pages]. Available from: [http://www.nature-ic.am/res/publications/brochures/SPAN\\_eng.pdf](http://www.nature-ic.am/res/publications/brochures/SPAN_eng.pdf) [Accessed May 2011].
- Kulakov, D.V. et al** 2012. The effects of a colony of the Armenian gull (*Larus armeniacus* Buturlin) on zooplankton in the Lake Sevan littoral zone (Armenia). *Inland Water Biology* 5(1): 67-74.
- Liebers, D. & Helbig, A.J.** 1999. Phänotypische Charakterisierung und systematische Stellung der Armenienmöwe *Larus armenicus* [Phenotypic characterization, taxonomic rank and phylogenetic relationship of Armenian Gull *Larus armenicus*]. *Limicola* 13(6): 252-260.
- Liebers, D. et al** 2004. OrnithoNews: Herring Gull is no longer 'Lord of the Rings'. *Birding World* 17(4): 176.
- Madge, S.** 1990. Eine Armeniermöwe *Larus (cachinnans) armenicus* ohne schwarze Schnabelzeichnung [An Armenian Gull *Larus (cachinnans) armenicus* lacking dark on bill]. *Limicola* 4(4): 216-217.
- Madge, S.** 1992. Letters: Yellow-legged Gulls with bill bands. *Birding World* 5(2): 67.
- Sangster, G. et al** 2005. Taxonomic recommendations for British Birds: third report. *Ibis* 147: 821-826.
- Sangster, G. et al** 2007. Taxonomic recommendations for British Birds: fourth report. *Ibis* 149: 853-857.
- Satat, N. & Laird, B.** 1992. The Armenian Gull. *Birding World* 5(1): 32-36.
- Scott, M. et al** 1995. Feedback: So much more to learn about a complicated group of birds. *Birdwatch* 40: 22.
- Tohidifar, M. et al** 2009. Observations on Breeding Birds of Meyghan Wetland and Adjacent Areas, Markazi Province, West-Central Iran. *Podoces* 4(2): 124-129.
- Vinicombe, K.** 1995. Identification: Nice race, shame about the legs. *Birdwatch* 38: 24-29.
- Yésou, P.** 2002. Trends in systematics: Systematics of *Larus argentatus-cachinnans-fuscus* complex revisited. *Dutch Birding* 24(5): 271-298.

## Slaty-backed Gull

***Larus schistisagus*** [Stejneger 1884, Bering Island, Kamchatka, Russia].

Cape Navarin & Kamchatka (NE Siberia) to Hokkaido, NE Honshu & Vladivostok. Winters S to Taiwan.

1st WP Record: [adult] 17th November 2008. Dumpiai Klaipeda, Lithuania. Vytautas Pareigis. Remained until the 20th November and presumed same individual approximately 100' away at Riga, Latvia the following 13th to at least 18th April 2009, (Gibbins & Hackett 2009) & (LOFK Nr.171/08 confirmed record [online], Available from: <http://www.birdlife.lt/web/lof/lofk-patvirtinti-stebejimai> [Accessed March 2011]).

**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 (297).

**Banwell, A.** 2008. World Birding roundup. *Birding World* 21(12): 524.

**Brazil, M.A.** 1993. Seabirding in Japan. *Dutch Birding* 15(4): 160-166 (plate 100, p. 165).

**Collins, C.** 2012. Birding in the Russian Far East. *Birding World* 25(3): 108-123 (plate 11, p. 117).

**Cormier, C. & Savard, G.** 1994. A Slaty-backed Gull at Saguenay/Lac St-Jean. First Record for Quebec. *Birders Journal* 3(1): 54-62.

- Cuffe, T.** 2014. All the way from the Pacific. Slaty-backed Gull: Waterside, Co. Galway, 8 February 2014. *Birdwatch* 261: 8-9.
- Eds.** 2007. Frontispape: Adult Slaty-backed Gull, St. John's, Newfoundland, Canada, November 2006 - picture by Bruce Mactavish. *Birding World* 20(1): 1.
- Fuller, J.** 1989. Slaty-backed Gull in Scott County. *Iowa Bird Life* 59(4):121-123.
- Gay, L. et al** 2005. Additional data on mitochondrial DNA of North American large gull taxa. *The Auk* 122(2): 684-688.
- Gibbins, C. & Hackett, P.** 2009. The Slaty-backed Gull in Latvia - a second first for the Western Palearctic. *Birding World* 22(4): 148-150.
- Goetz, R.E. et al** 1986. Slaty-backed Gull on the Mississippi River. *American Birds* 40(2): 207-216.
- Godfrey, W.E.** 1966. The supposed nesting of the Slaty-backed Gull in Canada. *The Canadian Field-Naturalist* 80: 48-49.
- Gustafson, M.E & Peterjohn, B.G.** 1994. Adult Slaty-backed Gulls Variability in Mantle Color and Comments on Identification. *Birding* XXVI(4): 243-249.
- Hashimoto, M.** 1977. Observations on breeding behaviour of the Slaty-backed Gull *Larus schistisagus* in Kushiro, East Hokkaido. *Memoirs of the Kushiro Municipal Museum* 7: 11-17.
- King, J.R. & Carey, G.** 1999. Slaty-backed Gull: hybridization and variation in adult upperparts colour. *Birders Journal* 8(2): 88-93.
- King, J.R. & Carey, G.** 2000. Gulls in Japan. *Birding World* 13(4): 160-163.
- Kolbeinsson, Y.** 2012. The first Slaty-backed Gull for Iceland. *Birding World* 25(5): 211-215.
- Lekagul, B. et al** 1985. Birdwatching in Thailand. *British Birds* 78(1): 2-39 (20-22).
- Liebers, D. et al** 2004. OrnithoNews: Herring Gull is no longer 'Lord of the Rings'. *Birding World* 17(4): 176.
- Lonergan, P. et al** 2009. Identification of Slaty-backed Gull - a photo gallery. *Birding World* 22(2): 60-66.
- Maynard, W.R.** 1989. Jewels of the North. *Birding* XXI(4): 200-204.
- Melville, D.S.** 1990. Notes on the identification of adult Slaty-backed Gulls. *Hong Kong Bird Report* 1989 pp. 144-150.
- McCaffrey, B.J. et al** 1997. First breeding records of Slaty-backed Gull (*Larus schistisagus*) for North America. *Pacific Seabirds* 24(2): 70.
- McLaughlin, K.** 1997. Gull Identification. *Birders Journal* 6(6): 308-309.
- Millington, R. & Garner, M.** 1999. Winter gulls gallery. *Birding World* 12(2): 62-68.
- Millington, R.** 2009. Gulls from a New Horizon - the Pacific Ocean. *Birding World* 22(2): 57-59.
- Millington, R.** 2011. The Slaty-backed Gull in London – a new British bird. *Birding World* 24(1): 14-17.
- Millington, R.** 2011. The Slaty-backed Gull revisited, in Essex. *Birding World* 24(2): 57-60.
- Mitchell, D.** 2011. Pacific prediction comes good. Slaty-backed Gull: Rainham Marshes, Greater London, 13-14 January 2011. *Birdwatch* 225: 52-54.
- Moore, N.** 2007. Selected records from Socheong Island, South Korea. *Forktail* 23: 102-124 (106).
- Niizuma, Y.** 1995. [The breeding numbers of Leach's Storm-Petrels and Slaty-Backed Gulls in Daikoku Island]. *Memoirs of Kushiro City Museum* 19: 15-18 [Japanese with English abstract].
- Portenko, L.A.** 1963. The Taxonomic Value and Systematic Status of the Slaty-backed Gull (*Larus argentatus schistisagus* stejn.). *Proceedings of the Kamchatka Complex Expedition, The Terrestrial Fauna of the Kamchatka Region* pp. 61-64.
- Pyle, P.** 1997. First year Slaty-backed Gull. *Birders Journal* 6(5): 251.
- Rowlands, A.** 2012. The Carl Zeiss Award: Putative adult Slaty-backed Gull, Pitsea landfill, Essex, February 2011. *British Birds* 105(8): 474-478.
- Siddle, C.R.** 1993. First record of a Slaty-backed Gull in the Okanagan Valley, with notes on identification. *British Columbia Birds* 3(1): 15-17.
- Tiunov, I.M. & Blokhin, A, Yu.** 2010. Dynamics of the Abundance of Seagulls (Charadriiformes: Laridae) in the Northern Tatar Strait. *Russian Journal of Marine Biology* 36(1): 43-46 [Original Russian text in *Biologiya Morya* 2010].
- Vinicombe, K.** 2007. Global warming: Vagrancy and melting ice. *Birdwatch* 177: 42-43.
- Watanuki, Y.** 1984. Food of Slaty-backed Gulls around Hokkaido during breeding season. *Kaiyo Monthly* 16(4): 212-216.
- Watanuki, Y.** 1986. Moonlight avoidance behaviour in Leach's Storm-Petrels as a defense against Slaty-backed Gulls. *The Auk* 103: 14-22.
- Watanuki, Y.** 1988. Intraspecific predation and chick survival: comparison among colonies of Slaty-backed Gulls. *Oikos* 53: 194-202.

- Watanuki, Y.** 1988. Regional difference in the diet of Slaty-backed Gulls breeding around Hokkaido. *Journal of the Yamashina Institute of Ornithology* 20: 71-81.
- Watanuki, Y.** 1989. Sex and individual variations in the diet of slaty-backed gulls breeding on Teuri Island, Hokkaido. *Japanese Journal of Ornithology* 38: 1-13.
- Watanuki, Y.** 1992. Individual diet difference, parental care and reproductive success in Slaty-backed Gulls. *The Condor* 94: 159-171.
- Webster, M.A.** 1968. Gulls of the South China coast. *Hong Kong Bird Report 1967* pp. 31-33 (31).
- Zelenskaya, L.A. & Khoreva, M.G.** 2006. Growth of the nesting colony of slaty-backed gulls (*Larus schistisagus*) and plant cover degradation on Shelikan Island (Tauai inlet, the Sea of Okhotsk). *Russian Journal of Ecology* 37(2): 126-134 [Original Russian text in *Ekologiya* 2006, No. 2 pp. 140-148].

## Lesser Black-backed Gull

***Larus fuscus*** [Linnaeus 1758, Sweden].

[*L.f. fuscus*] Baltic Sea regions of Finland & Sweden E to White Sea with small numbers N Norway. Winters Africa & SW Asia.

[*L.f. graellsii*] Iceland, Faroe Islands, Britain, Ireland, France & Iberia. Winters SW Europe S to W Africa.

[*L.f. intermedius*] Holland, Denmark & S Norway. Winters W Europe & W Africa.

Treated by Collinson *et al* 2008 to include forms *heuglini* and *barabensis*.

Other name: Baltic Gull (*fuscus*).

**Mariano de la Paz Graells** (1809-1898), Spanish naturalist who Brehm called the 'Father of Spanish Natural History'.

- Altenburg, R.G.M. et al** 2006. Restricted moult in second calendar-year Baltic Gull. *Dutch Birding* 28(3): 162-164.
- Altenburg, R.G.M. et al** 2007. Moult sequence in second calendar-year Baltic Gull at Amsterdam in May 2006. *Dutch Birding* 29(2): 95-97.
- Anderson, R.C. & Baldock, M.** 2001. New records of birds from the Maldives, with notes on the species. *Forktail* 17: 67-73 (69).
- Anker-Nilssen, T. & Barrett, R.T.** 1991. Status of seabirds in northern Norway. *British Birds* 84(8): 329-341 (335).
- Baker, R.R.** 1980. The significance of the Lesser Black-backed Gull to models of bird migration. *Bird Study* 27(1): 41-50.
- Barnes, J.A.G.** 1945. The status of the Lesser Black-backed Gull in north-west England and north Wales. *British Birds* 38(18): 342-346.
- Barnes, J.A.G.** 1952. The status of the Lesser Black-backed Gull. *British Birds* 45(1): 3-17.
- Barnes, J.A.G.** 1953. The migrations of the Lesser Black-backed Gull. *British Birds* 46(7): 238-251.
- Barnes, J.A.G.** 1961. The winter status of Lesser Black-backed Gull, 1959-60. *Bird Study* 8(3): 127-147.
- Barth, E.K.** 1975. Moult and taxonomy of the Herring Gull *Larus argentatus* and the Lesser Black-backed Gull *L. fuscus* in northwestern Europe. *Ibis* 117: 384-387.
- BBRC** 2006. Rarities Committee news: 'Baltic Gulls'. *British Birds* 99(2): 108.
- Bergman, G.** 1982. Why are the wings *Larus f. fuscus* so dark? *Ornis Fennica* 59(2): 77-83.
- Binford, L.C.** 1978. Lesser Black-backed Gull in California, with notes of field identification. *Western Birds* 9(4): 141-190.
- Boertmann, D.** 2008. The Lesser Black-backed Gull, *Larus fuscus*, in Greenland. *Arctic* 61(2): 129-133.
- Boot, A.S.** 1987. Notes: Midwinter pairing behaviour by Lesser Black-backed Gulls. *British Birds* 80(12): 629.
- Bourne, W.R.P.** 1993. Behaviour notes: Birds breeding on Rockall. *British Birds* 85(1): 16-17.
- British Ornithologists' Union** 2002. British Ornithologists' Union Records Committee: 28th Report (October 2001). *Ibis* 144: 181-184.
- British Ornithologists' Union** 2003. British Ornithologists' Union Records Committee: 29th Report (October 2002). *Ibis* 145: 178-183.
- British Ornithologists' Union** 2004. British Ornithologists' Union Records Committee: 30th Report (October 2003). *Ibis* 146: 192-195.
- British Ornithologists' Union** 2005. British Ornithologists' Union Records Committee: 31st Report (October 2004). *Ibis* 147: 246-250.



- Brooke, R.K.** 1976. Correspondence: Field discrimination of *Larus fuscus* and *L. dominicanus*. *Ibis* 118(4): 594.
- Brown, A. et al** 2011. Seabirds on Lundy: their current status, recent history and prospects for the restoration of a once-important bird area. *British Birds* 104(3): 139-158.
- Brown, R.G.B.** 1967. Courtship Behaviour in the Lesser Black-Backed Gull, *Larus fuscus*. *Behaviour* 29(2-4): 122-153.
- Brown, R.G.B.** 1967. Species isolation between the Herring Gull *Larus argentatus* and Lesser Black-backed Gull *L. fuscus*. *Ibis* 109(3): 310-317.
- Buckingham, D.L.** 1998. Notes: Variation and occurrence of *intermedius* Lesser Black-backed Gulls in southern England. *British Birds* 91(1-2): 60-62.
- Burton, N.H.K. et al** 2003. Numbers of wintering gulls in the UK, Channel Islands and Isle of Man: a review of the 1993 and previous Winter Gull Roost Surveys. *British Birds* 96(8): 376-401.
- Chylarecki, P.** 1993. Letters: New Herring Gull taxonomy. *Birding World* 86(7): 316-319.
- Collinson, J.M. et al** 2008. Species boundaries in the Herring and Lesser Black-backed Gull complex. *British Birds* 101(7): 340-363.
- Collinson, M.** 2001. Genetic relationships among the different races of Herring Gull, Yellow-backed Gull and Lesser Black-backed Gull. *British Birds* 94(11): 523-528.
- Cottaar, F.** 2005. Baltische Mantelmeeuw te IJmuiden in september 2002 [Baltic Gull at IJmuiden in September 2002]. *Dutch Birding* 27(1): 40-41.
- Coulson, J.C. & Coulson, B.A.** 2008. Lesser Black-backed Gulls *Larus fuscus* nesting in an inland urban colony: the importance of earthworms (Lumbricidae) in their diet. *Bird Study* 55(3): 297-303.
- Creme, G.A. et al** 1997. The changing status of the Lesser Black-backed Gull *Larus fuscus* in Ireland. *Proceedings of the Royal Irish Academy* 97B(2): 149-156.
- Dalton, A.** 1992. Roof Nesting Lesser Black-backed Gulls at Islandbridge Dublin. *Irish East Coast Bird Report 1991* pp. 86-87.
- Davenport, L.J.** 1985. Letters: British status of northern Lesser Black-backed Gulls. *British Birds* 78(12): 668.
- Davies, M. & Bryant, D.M.** 1983. Notes: Lesser Black-backed Gull completely submerging while plunge-diving. *British Birds* 76(3): 138.
- Debruyne, R.** 1982. Volwassen Kleine Mantelmeeuw met vleeskleurig roze poten [Adult Lesser Black-backed Gull with fleshy-pink legs]. *Dutch Birding* 4(3): 92.
- de Heer, P.** 1981. Over status van Baltische Kleine Mantelmeeuw in Nederland [On status of Baltic Lesser Black-backed Gull in Netherlands]. *Dutch Birding* 3(2): 55.
- de Knijff, P. et al** 2001. Genetic affinities within the Herring Gull *Larus argentatus* assemblage revealed by AFLP genotyping. *Journal of Molecular Evolution* 52: 85-93.
- Devillers, P.** 1979. Un Goéland brun (*Larus fuscus*) en Guyane française [A Lesser Black-backed Gull (*Larus fuscus*) in French Guiana]. *Le Gerfaut* 69: 79-80.
- Donnelly, B.G.** 1974. The Lesser Black-backed Gull *Larus fuscus* in southern and central Africa. *Bulletin of the British Ornithologists' Club* 94: 63-68.
- Dubois, P.J. & Jiquet, F.** 2005. Le Goéland de la Baltique (*Larus fuscus fuscus*) en France: identification et statut [Baltic Gull in France: identification and status]. *Ornithos* 12(5): 269-282.
- Dubois, P.J. & Yésou, P.** 1984. Identification of juvenile yellow-legged Herring Gulls. *British Birds* 77(8): 344-348.
- Ebels, E.B.** 2002. Transatlantic vagrancy of Palearctic species to the Caribbean region. *Dutch Birding* 24(4): 202-209 (207).
- Ellis, J.C. et al** 2007. Breeding by a Lesser Black-backed Gull (*Larus fuscus*) on the Atlantic coast of North America. *North American Birds* 61(4): 546-548.
- Eskelin, T. & Pursiainen, J.** 1998. The status of 'Lesser Black-backed Gulls' of *heuglini*, *graellsii*, and *intermedius* type in Finland. *Alula* 4(2): 42-54.
- Fairbank, R.J.** 2002. Ring-billed Gull *Larus delawarensis* and Lesser Black-backed Gull *Larus fuscus* in Venezuela. *Cotinga* 17: 78.
- Galván, I.** 2003. Intraspecific Kleptoparasitism in Lesser Black-backed Gulls Wintering Inland in Spain. *Waterbirds* 26(3): 325-330.
- Galván, I. et al** 2003. The origin of Lesser Black-backed Gulls *Larus fuscus* wintering in central Iberia. *Ringing & Migration* 21: 209-214.
- García-Barcelona, S. et al** 2010. Differential age-related phenology in lesser black-backed gull *Larus fuscus* wintering in the Malaga area. *Ardeola* 57(Especial): 129-134.
- Garthe, S. et al** 1999. Breeding Lesser Black-backed Gulls *Larus graellsii* and Herring Gulls *Larus argentatus*: coexistence or competition? *Ardea* 87(2): 227-236.
- Gauntlett, F.M.** 2002. Letters: Genetic relationships of large gulls. *British Birds* 95(9): 467.

- Gibbins, C.N.** 2004. Is it possible to identify Baltic and Heuglin's Gulls? *Birding Scotland* 7(4): 153-186.
- Girão, W. et al** 2006. First record of the Lesser Black-backed Gull *Larus fuscus* Linnaeus, 1758 for Brazil. *Revista Brasileira de Ornitologia* 14(4): 463-464.
- Gómez-Weaver, H. & de Lope, F.** 1995. Cleptoparasitismo en la Gaviota Sombria (*Larus fuscus*): selección de víctimas y diferencias entre clases de edad [Kleptoparasitism in Gull (*Larus fuscus*): selection of victims and differences between age classes]. *Ardeola* 42(1): 77-81.
- Grande, J.M. & Palacios, C.-J.** 2002. First breeding record of the Lesser Black-backed Gull Macronesic archipelago, North Atlantic; a large spread in its breeding range. *Waterbirds* 25: 388-389.
- Grant, P.J.** 1987. Notes: Humerals, humeral coverts and sub-scapulars. *British Birds* 80(4): 170-173.
- Griffith Smith, N.** 1982. Lesser Black-backed Gull in Panama. *American Birds* 36(3): 336-337.
- Gruber, D.** 1999. Identification of juvenile and immature Baltic Gulls. *Dutch Birding* 21(3): 129-147.
- Gustafson, M.** 1994. Answers to the December Photo Quiz: first basic Lesser Black-backed Gull. *Birding XXVI*(2): 128-129.
- Harris, M.P.** 1962. Migration of the British Lesser Black-Backed Gull as Shown by Ringing Data. *Bird Study* 9(3): 174-182.
- Hayes, F.E. et al** 2002. Status of the Lesser Black-backed Gull *Larus [fuscus] graellsii* in Trinidad and Tobago. *Atlantic Seabirds* 4: 91-100.
- Heaney, V. et al** 2008. Important Bird Areas: Breeding seabirds on the Isles of Scilly. *British Birds* 101(8): 418-438.
- Helberg, M. et al** 2009. Migration patterns of adult and juvenile Lesser Black-backed Gulls *Larus fuscus* from northern Norway. *Ardea* 97(3): 281-286.
- Helbig, A.J. et al** 2004. Artbildung und Verwandtschaftsverhältnisse im Silber-Heringsmöwen-Komplex *Larus argentatus / fuscus* [Speciation and phylogenetic relationships within the Herring Gull complex *Larus argentatus / fuscus*]. *Limicola* 18(5): 233-258.
- Hewitt, S.** 2011. Notes: Probable object play among gulls in Staffordshire. *British Birds* 104(2): 94-95.
- Hewitt, S.** 2013. Avian drop-catch play: a review. *British Birds* 106(4): 206-216 (208-211).
- Hjernquist, B. & Hjernquist, M.B.** 2010. The effects of quantity and quality of prey on population fluctuations in three seabird species. *Bird Study* 57(1): 19-25.
- Hoogendoorn, W. & van Scheepen, P.** 1998. Status van Baltische Mantelmeeuw in Nederland [Status of Baltic Gull in the Netherlands]. *Dutch Birding* 20(1): 6-10.
- Hosey, G. & Jacques, M.** 1998. Notes: Lesser Black-backed Gull apparently picking up and dropping live stoat. *British Birds* 91(5): 199.
- Howell, S.N.G.** 2001. A New Look at Moults in Gulls. *Alula* 7(1): 2-11.
- Hudson, A.V. & Furness, R.W.** 1988. The behaviour of seabirds foraging at fishing boats around Shetland. *Ibis* 131: 225-237.
- Humphreys, P.N.** 1964. Immature Lesser Black-backed Gull playing with sticks. *British Birds* 57: 326.
- Johsson, L.** 1998. Yellow-legged gulls and yellow-legged Herring Gulls in the Baltic. *Alula* 4(3): 74-100.
- Jonsson, L.** 1998. Baltic Lesser Black-backed Gull *Larus fuscus fuscus* - moult, ageing and identification. *Birding World* 11(8): 295-317.
- Kehoe, C.** 2006. Racial identification and assessment in Britain: a report from the RIACT subcommittee. *British Birds* 99(12): 619-645 (629).
- Koskinen, H. & Rauste, V.** 2006. Primary moult of Baltic Gull during the first 15 months. *Dutch Birding* 28(3): 158-161.
- Kylin, H. et al** 2010. Nominat Lesser Black-backed Gulls (*Larus fuscus fuscus*) winter in the Congo basin. *Ornis Fennica* 87: 106-113.
- Kylin, H. et al** 2011. Distributions of the subspecies of Lesser Black-backed Gulls *Larus fuscus* in sub-Saharan Africa. *Bird Study* 58(2): 186-192.
- Liebers, D. & Helbig, A.J.** 2002. Phylogeography and colonization history of Lesser Black-backed Gulls (*Larus fuscus*) as revealed by mtDNA sequences. *Journal of Evolutionary Biology* 15(6): 1021-1033.
- Liebers, D. et al** 2004. OrnithoNews: Herring Gull is no longer 'Lord of the Rings'. *Birding World* 17(4): 176.
- Lindholm, A. & Forsten, A.** 2010. Plumage development and ageing of Baltic Gull *Larus fuscus fuscus*. *Caluta* 1: 1-13. [Caluta is available online from <http://www.caluta.liitin.net/>]
- Lloyd, C.S.** 1981. The Seabirds of Great Saltee. *Irish Birds* 2(1): 1-37 (17).
- Lorenzo, J.A. & Barone, R.** Gaviota sombría *Larus fuscus* [Lesser Black-backed Gull], pp. 242-244. Found in: **Lorenzo, J.A.** (ed.) 2007. *Atlas de las aves nidificantes en el archipiélago canario*

- (1997-2003). Dirección General de Conservación de la Naturaleza – Sociedad Española de Ornitología (SEO/BirdLife), Madrid.
- Lowe, T.** 2012. Apparent hybrid Ring-billed x Lesser Black-backed Gulls in Shropshire and Spain. *Birding World* 25(4): 159-163.
- Maljkovic, A. & Boland, H.** 2004. Predation of Little Tern *Sterna albifrons* eggs by the Lesser Black-backed Gull *Larus fuscus* at Kilcoole, County Wicklow. *Irish Birds* 7(3): 440-441.
- Marques, P. et al** 2009. Age-related migration patterns in *Larus fuscus* spp. *Acta Ethologica* 12: 87-92.
- Marsh, C.** 1986. General Field Notes: Documentation of Lesser Black-backed Gull in South Carolina. *The Chat* 50(4): 120-121.
- Mayaud, N.** 1940. Considerations sur les affinités et al systematique de *Larus fuscus* et *Larus argentatus* [Considerations on the systematic affinities of *Larus fuscus* and *Larus argentatus*]. *Alauda* 12: 80-98.
- McDougall, P.** 1992. Notes: Lesser Black-backed Gull corpse scavenged by sheep. *British Birds* 85(6): 313.
- McKerchar, I.** 2011. Notes: An apparently melanistic Lesser Black-backed Gull. *British Birds* 104(4): 217-218.
- Merne, O.J. & Madden, B.** 2000. Breeding seabirds of Lambay, County Dublin. *Irish Birds* 6(3): 345-358.
- Merne, O.J. & Madden, B.** 2001. Breeding seabirds of Ireland's Eye, County Dublin. *Irish Birds* 6(4): 495-506.
- Millington, R. & Garner, M.** 1999. Winter gulls gallery. *Birding World* 12(2): 62-68.
- Millington, R. & Golley, M.** 2006. Identification of Baltic Lesser Black-backed Gull and two presumed individuals in Norfolk. *Birding World* 19(9): 388-390.
- Moore, C.C.** 1994. Notes: Bulwer's Petrel and White-faced Storm Petrel diving as an evasion. *British Birds* 87(12): 623.
- Morgan, G.** 2012. The bird population of Ramsey and Grassholm. *British Birds* 105(12): 716-732.
- Morgan, P.G.D.** 1989. Notes: Unusual plumage of Lesser Black-backed Gull. *British Birds* 82(5): 220.
- Mundy, R.** 1990. Lesser Black-headed Gull showing the characters of the south Scandinavian race *Larus fuscus intermedius* breeding in Co. Cork. *Irish Birds* 4(2): 230.
- Musgrove, A.J. et al** 2011. Overwinter population estimates of British waterbirds. *British Birds* 104(7): 364-397 (391).
- Muusse, T. et al** 2005. Identification update: moult variability in 3rd calendar-year Lesser Black-backed Gull. *Birding World* 18(8): 338-348.
- Nager, R.G. et al** 2000. Parental condition, brood sex ratio and differential young survival: an experimental study in gulls (*Larus fuscus*). *Behavioral Ecology and Sociobiology* 48: 452-457.
- Nikander, P.J.** 1996. Nuoret isot lokit [Juvenile large gulls]. *Alula* 2(1): 8-15.
- O'Clery, M.** 2007. Breeding seabirds of the Magharees and related islands, County Kerry, 2006/2007. *Irish Birds* 8(2): 179-188.
- O'Connell, M.J. et al** 1997. Nonbreeding and nests without eggs in the Lesser Black-backed Gull *Larus fuscus*. *Ibis* 139(2): 252-258.
- Oliver, P.J.** 1997. The breeding birds of Inner London, 1966-94. *British Birds* 90(6): 211-225 (218).
- Perry, P.** 1982. The use of gull nests by Eiders. *British Birds* 75(8): 360-365.
- Perry, P.** 1987. Notes: Gulls feeding near humpback whale. *British Birds* 80(11): 575-576.
- Pollock, C.M.** 1994. Observations on the distribution of seabirds off south-west Ireland. *Irish Birds* 5(2): 173-182.
- Post, P.W. & Lewis, R.H.** 1995. Lesser Black-backed Gull in the Americas, Occurrence and Subspecific Identity Part I: Taxonomy, Distribution, and Migration. *Birding XXVII*(4): 282-290.
- Post, P.W. & Lewis, R.H.** 1995. Lesser Black-backed Gull in the Americas, Occurrence and Subspecific Identity Part II: Field Identification. *Birding XXVII*(5): 370-381.
- Pütz, K. et al** 2007. Satellite tracking of the migratory pathways of first year Lesser Black-backed Gulls (*Larus fuscus*) departing from different subspecies' breeding grounds. *Vogelwelt* 128: 141-148.
- Pütz, K. et al** 2008. From fledging to breeding: long-term satellite tracking of the migratory behaviour of a Lesser Black-backed Gull *Larus fuscus intermedius*. *Ringling & Migration* 24(1): 7-10.
- Rauste, V.** 1999. Kennzeichen und Mauser von 'Baltischen Heringsmöwen' *Larus [fuscus] fuscus* und 'Tundramöwen' *L. [fuscus] heuglini* Teil I [Identification and moult of 'Baltic Lesser Black-backed Gull' *Larus [fuscus] fuscus* and 'Siberian Gull' *L. [fuscus] heuglini*. Part I]. *Limicola* 13(3): 105-128.

- Rauste, V.** 1999. Kennzeichen und Mauser von 'Baltischen Heringsmöwen' *Larus [fuscus] fuscus* und 'Tundramöwen' *L. [fuscus] heuglini* Teil II [Identification and moult of 'Baltic Lesser Black-backed Gull' *Larus [fuscus] fuscus* and 'Siberian Gull' *L. [fuscus] heuglini*. Part II]. *Limicola* 13(4): 153-188.
- Rock, P.** 2005. Urban gulls: problems and solutions. *British Birds* 98(7): 338-355.
- Rodríguez, B. et al** 2003. Status and distribution of breeding seabirds in the northern islets of Lanzarote, Canary Islands. *Atlantic Seabirds* 5(2): 41-56.
- Sage, B.L. & Sheldon, A.B.** 1956. The status of the lesser Black-backed Gull in Hertfordshire. *British Birds* 49(8): 306-309.
- Sangster, G. et al** 2007. Taxonomic recommendations for British Birds: fourth report. *Ibis* 149: 853-857.
- Schmaljohann, H. et al** 2008. First records of lesser black-backed gulls *Larus fuscus* crossing the Sahara non-stop. *Journal of Avian Biology* 39(2): 233-237.
- Schwemmer, P. & Garthe, S.** 2005. At-sea distribution and behaviour of a surface-feeding seabird, the lesser black-backed gull *Larus fuscus*, and its association with different prey. *Marine Ecology Progress Series* 285: 245-258.
- Sibly, R.M. et al** 1987. The Use of Body Dimensions of Lesser Black-Backed Gulls *Larus fuscus* to Indicate Size and to Estimate Body Reserves. *Functional Ecology* 1(3): 275-279.
- Stewart, P.** 2007. The Baltic Gull in Gloucestershire - the first confirmed British record. *Birding World* 20(4): 152-153.
- Strann, K-B. & Vader, W.** 1992. The nominate Lesser Black-backed Gull *Larus fuscus fuscus*, a gull with a tern-like feeding biology, and its recent decrease in northern Norway. *Ardea* 80(1): 133-142.
- Upton, A.J.** 2003. Breeding seabirds on the Isle of Muck, Co. Antrim. *Northern Ireland Bird Report 2001* pp. 111-122 (112).
- van Bemmelen, R.S.A. et al** 2006. Masters of Mystery Solution: 2nd calendar year *graellsii*. *Dutch Birding* 28(5): 311-314.
- vanVliet, G.B. et al** 1993. First record of nesting activity by a Lesser Black-backed Gull (*Larus fuscus*) in North America. *Bulletin of the Pacific Seabirds Group* 20(2): 21.
- Verboven, N. et al** 2003. Maternal condition, yolk androgens and offspring performance: a supplemental feeding experiment in the lesser black-backed gull (*Larus fuscus*). *Proceedings of the Royal Society of London. Series B: Biological Sciences* 270(1530): 2223-2232.
- Verboven, N. et al** 2005. Intra-specific interactions influence egg composition in the lesser black-backed gull (*Larus fuscus*). *Behavioral Ecology and Sociobiology* 57(4): 357-365.
- Vinicombe, K.** 1995. Identification: Nice race, shame about the legs. *Birdwatch* 38: 24-29.
- Vinicombe, K.** 2007. ID at a glance: Juvenile Yellow-legged Gull. *Birdwatch* 182: 28-30.
- Vinicombe, K.** 2008. Identification: American Herring Gull. *Birdwatch* 187: 31-35.
- Wassink, A.** 2010. Birds of Kazakhstan: new and interesting data, part 3. *Dutch Birding* 32(2): 128-130 (129).
- Wassink, A.** 2014. Birds of Kazakhstan: new and interesting data, part 5. *Dutch Birding* 36(2): 114-120 (116).
- Warden, D.** 1992. Notes: Lesser Black-backed Gull apparently begging from Great Black-backed Gull. *British Birds* 85(7): 378.
- Webb, B.E. & Conry, J.A.** 1978. First record of a Lesser Black-backed Gull in Colorado. *Western Birds* 9(4): 171-173.
- Whilde, A.** 1977. A Preliminary Account of the Summer Populations of Gulls on Lough Corrib. *Irish Birds* 1(1): 59-62.
- Whilde, A.** 1978. A Survey of Gulls breeding inland in the West of Ireland in 1977 and 1978 and a review of the inland breeding habit in Ireland and Britain. *Irish Birds* 1(2): 134-160.
- Whilde, A.** 1983. A repeat survey of gulls breeding inland in the west of Ireland. *Irish Birds* 2(3): 344-345.
- Whilde, A. et al** 1993. A repeat survey of gulls breeding inland in Counties Donegal, Sligo, Mayo and Galway, with recent counts from Leitrim and Fermanagh. *Irish Birds* 5(1): 67-72.
- Winters, R.** 1999. Baltische Mantelmeeuw op Schiermonnikoog in oktober 1992 [Baltic Gull on Schiermonnikoog in October 1992]. *Dutch Birding* 21(1): 23-26.
- Winters, R.** 2006. Moults and plumage variation in immature Lesser Black-backed Gulls in the Netherlands. *Dutch Birding* 28(3): 140-157.
- Wright, B.** 1995. Feedback: So much more to learn about a complicated group of birds. *Birdwatch* 40: 22.
- Yésou, P. & Hirschfeld, E.** 1997. Which large gulls from the *Larus fuscus-cachinnans-argentatus* complex of (sub)species occur in Bahrain? *Sandgrouse* 19(2): 111-121.

- Yésou, P.** 1991. The sympatric breeding of *Larus fuscus*, *L. cachinnans* and *L. argentatus* in western France. *Ibis* 133(3): 256-263.
- Yésou, P.** 2002. Trends in systematics: Systematics of *Larus argentatus-cachinnans-fuscus* complex revisited. *Dutch Birding* 24(5): 271-298.
- Yésou, P. et al** 1994. Letters: An answer to Chylarecki's comments on the 'new Herring Gull taxonomy'. *British Birds* 87(2): 73-78.
- Zucca, M. et al** 2008. Vers une installation du Goéland brun (*Larus fuscus*) à Paris? [Lesser Black-backed Gull breeding in Paris?]. *Ornithos* 15(3): 220-223.

## Heuglin's Gull

- Larus heuglini*** [Bree 1876, North Siberia].  
 [*L.h. heuglini*] Coast of N Russia from the Kola E to the mouth of the Yenisey. Winters Arabian Sea & Indian Ocean S to E Africa and W to S India.  
 [*L.h. taimyrensis*] Taimyr peninsula & offshore islands (C Siberia, Russia). Winters coastal areas of the East China Sea & South China Sea.  
 [*L.h. barabensis*] C Asian steppes. Winters Persian Gulf, Oman, Arabian Peninsula S to S Red Sea, Socotra & Indian Ocean coasts to W India.  
 Some authors disagree on the exact location of the border between the ranges of *L. vegae* and *heuglini*.  
 Form *taimyrensis* treated by some as a hybrid-type, i.e. *heuglini* x *vegae*.  
 Form *taimyrensis* treated as full species by van Dijk *et al* 2011.  
 Form *barabensis* treated as full species by van den Berg 2011.  
 Both *heuglini* and *barabensis* treated by Collinson *et al* 2008 as forms of Lesser Black-backed Gull.  
 Form *barabensis* treated as a race of Caspian Gull by Olsen & Larsson 2004.  
 Other names: Siberian Gull, West Siberian Gull, Taimyr Gull (*taimyrensis*), Baraba Gull (*barabensis*), Steppe Gull (*barabensis*).  
**Theodor von Heuglin** (1824-1876), German ornithologist, explorer and mining engineer who undertook several expeditions in Africa as well as travelling to Spitsbergen and Novaya Zemlya in 1870 and 1871.

- Altenburg, R. et al** 2007. Aankondigingen & verzoeken: Website on identification of Heuglin's Gull in western Europe. *Dutch Birding* 29(2): 100.
- Altenburg, R.G.M.** 2006. Kandidaat Heuglins Meeuwen in Amsterdam [Probable Heuglin's Gull in Amsterdam]. *Dutch Birding* 28(4): 269-271.
- Anderson, R.C. & Baldock, M.** 2001. New records of birds from the Maldives, with notes on the species. *Forktail* 17: 67-73 (69).
- Bakker, T.** 1999. Heuglins Meeuw in Groningen: nieuw voor Nederland? [Heuglin's Gull in Groningen: new for Netherlands?]. *Dutch Birding* 21(4): 239-240.
- Bourne, W.R.P.** 1992. Debatable British and Irish seabirds. *Birding World* 5(10): 382-390.
- Bourne, W.R.P.** 1997. Was Richard Meinertzhagen's record of a Great Black-backed Gull *Larus marinus* really Heuglin's Gull *L. heuglini*? *Journal of the Bombay Natural History Society* 94: 159-160.
- Bourne, W.R.P.** The relationship between the Armenian and Heuglin's Gull, pp. 57-58. Found in: **Aguilar, J.S. et al** (eds.) 1993. *Status and Conservation of Seabirds*. MEDMARAVIS, GOB and SEO, Madrid.
- Buzun, V.A.** 2002. Descriptive update on gull taxonomy: 'West Siberian Gull'. *British Birds* 95(5): 216-232.
- Chylarecki, P.** 1993. Letters: New Herring Gull taxonomy. *Birding World* 86(7): 316-319.
- Collinson, J.M. et al** 2008. Species boundaries in the Herring and Lesser Black-backed Gull complex. *British Birds* 101(7): 340-363.
- Dean, A.R.** 2002. Letters: Does holotype 'priority' always serve nomenclature. *British Birds* 95(11): 593-595.
- Eskelin, T. & Pursiainen, J.** 1998. The status of 'Lesser Black-backed Gulls' of *heuglini*, *graellsii*, and *intermedius* type in Finland. *Alula* 4(2): 42-54.
- Garner, M.** 1997. Identification of Yellow-legged Gulls in Britain: Appendix 1. Some other possibilities. *British Birds* 90(1-2): 25-62 (60).
- Garner, M.** 1998. Identification: Gulls, Another piece in the jigsaw. *Birdwatch* 74: 25-32.
- Gibbins, C.N.** 2004. Is it possible to identify Baltic and Heuglin's Gulls? *Birding Scotland* 7(4): 153-186.
- Hirschfeld, E.** 1992. Letters: More gulls with bill bands. *Birding World* 5(3): 116.

- Hume, R.A.** 1983. Notes: Herring Gulls in Israel. *British Birds* 76(4): 189-191.
- Johsson, L.** 1998. Yellow-legged gulls and yellow-legged Herring Gulls in the Baltic. *Alula* 4(3): 74-100.
- Kehoe, C.** 2006. Racial identification and assessment in Britain: a report from the RIACT subcommittee. *British Birds* 99(12): 619-645 (630).
- King, J.R. & Carey, G.** 2000. Gulls in Japan. *Birding World* 13(4): 160-163.
- Leivo, M. & Dernjatin, P.** 2000. Kazakhstan - The land of the Pallas's Sandgrouse: Grey-backed Large Gulls. *Alula* 6(2): 55.
- Lindholm, A.** 1997. Obin lahden heuglini - lokki [The *heuglini* gulls in the Bay of Ob]. *Alula* 3(3): 126-128.
- Maclean, N. et al** 2005. Taxonomy for birders: a beginner's guide to DNA and species problems. *British Birds* 98(10): 512-537.
- Madge, S.** 1996. Identification: Races apart. *Birdwatch* 49: 28-33.
- Millington, R. & Garner, M.** 1999. Winter gulls gallery. *Birding World* 12(2): 62-68.
- Millington, R.** 2009. Gulls winter 2008/9 - a photo gallery. *Birding World* 22(2): 78-86.
- Panov, E.N. & Monzиков, D.G.** 2000. Status of the form *barabensis* within the '*Larus argentatus-cachinnans-fuscus* complex'. *British Birds* 93(5): 227-241.
- Rauste, V.** 1999. Kennzeichen und Mauser von 'Baltischen Heringsmöwen' *Larus [fuscus] fuscus* und 'Tundramöwen' *L. [fuscus] heuglini* Teil I [Identification and moult of 'Baltic Lesser Black-backed Gull' *Larus [fuscus] fuscus* and 'Siberian Gull' *L. [fuscus] heuglini*. Part I]. *Limicola* 13(3): 105-128.
- Rauste, V.** 1999. Kennzeichen und Mauser von 'Baltischen Heringsmöwen' *Larus [fuscus] fuscus* und 'Tundramöwen' *L. [fuscus] heuglini* Teil II [Identification and moult of 'Baltic Lesser Black-backed Gull' *Larus [fuscus] fuscus* and 'Siberian Gull' *L. [fuscus] heuglini*. Part II]. *Limicola* 13(4): 153-188.
- Sangster, G. et al** 2007. Taxonomic recommendations for British Birds: fourth report. *Ibis* 149: 853-857.
- Topp, A.** 1997. Photonews. *Alula* 3(3): 130-132.
- Trainor, C.R. et al** 2011. Heuglin's Gull *Larus heuglini* on Wetar Island, Banda Sea: the first Indonesian record. *Forktail* 27: 95-96.
- van Bemmelen, R.S.A. et al** 2006. Masters of Mystery Solution: 2nd calendar year *graellsii*. *Dutch Birding* 28(5): 311-314.
- van Dijk, K. et al** 2011. Taimyr Gulls: evidence for Pacific winter range, with notes on morphology and breeding. *Dutch Birding* 33(1): 9-21.
- Wilson, M.** 1996. Letters: *Heuglini* Gulls. *Birding* XXVIII(5): 362.
- Winkel, E. et al** 2010. Bird counting in Iran in January 2009. *Dutch Birding* 32(3): 171-188 (plate 222, p. 173).
- Winters, R.** 2006. Moults and plumage variation in immature Lesser Black-backed Gulls in the Netherlands. *Dutch Birding* 28(3): 140-157.
- Wright, B.** 1995. Feedback: So much more to learn about a complicated group of birds. *Birdwatch* 40: 22.
- Yésou, P.** 2002. Trends in systematics: Systematics of *Larus argentatus-cachinnans-fuscus* complex revisited. *Dutch Birding* 24(5): 271-298.