

to the age of six months, three of them met with untimely deaths. This bird in 1845 paired with its father, and laid four eggs, which came to nothing. It is very like the father about the head, but about the body it resembles the white swan. It lives on the water with others, black swans and white swans, and agrees with both.

The above statement may be relied on as authentic and correct, because I have witnessed it from beginning to ending.

Upon the same island where this bird was born I have seen more than eighty cormorants' nests, on Scotch fir-trees not under sixty feet in height, in which they hatched their young. This was fourteen years ago.—*From the Proceedings of the Zoological Society, June 22, 1847.*

Castle Martyr, June 1847.

METEOROLOGICAL OBSERVATIONS FOR JULY 1847.

Chiswick.—July 1. Light clouds: fine: overcast. 2. Slight drizzle: cloudy. 3. Overcast: clear. 4. Very fine: clear: cloudy. 5. Sultry. 6. Very fine. 7. Overcast: slight shower. 8. Rain: cloudy: clear. 9. Cloudy and fine. 10. Overcast: clear. 11, 12. Very fine. 13. Sultry. 14—16. Excessively hot. 17. Thunder, lightning and heavy rain all the morning: fine: cloudy. 18. Cloudy. 19. Slight showers. 20. Overcast and fine. 21. Very fine. 22. Heavy clouds: clear at night. 23, 24. Very fine. 25. Overcast. 26. Clear and fine. 27, 28. Very fine. 29. Sultry. 30, 31. Very fine.

Mean temperature of the month 65°·84

Mean temperature of July 1846 65 °46

Mean temperature of July for the last twenty years 63 °08

Average amount of rain in July 2·36 inches.

Boston.—July 1—3. Cloudy. 4, 5. Fine. 6. Fine: half-past 2 P.M. thermometer 76°. 7. Fine: rain early this morning. 8. Cloudy: tremendous storm of thunder, lightning and rain P.M. 9. Fine. 10, 11. Cloudy. 12. Fine: 4 P.M. thermometer 81°. 13. Fine. 14. Cloudy. 15. Cloudy: 3 P.M. thermometer 74°. 16, 17. Cloudy. 18—21. Fine. 22. Rain. 23. Cloudy. 24—27. Fine. 28, 29. Cloudy. 30, 31. Fine.

Sandwick Manse, Orkney.—July 1. Cloudy. 2, 3. Fog: fine. 4. Damp: cloudy. 5. Cloudy: fog. 6. Fog. 7. Drops. 8. Rain: clear. 9. Bright: fine. 10. Fog: bright: fine. 11. Bright: fine. 12. Clear: fine. 13. Damp: cloudy. 14. Bright: showers. 15. Clear: fine. 16. Bright: fine. 17. Cloudy. 18. Rain. 19. Drizzle: damp. 20. Drizzle: cloudy. 21. Drizzle: fog. 22. Showers: rain. 23. Cloudy: showers. 24. Cloudy: fine. 25. Fine. 26. Bright: drizzle. 27. Rain: cloudy. 28. Showers. 29. Showers: clear. 30. Bright: showers. 31. Bright: rain.

Applegarth Manse, Dumfries-shire.—July 1. Very fine: thunder. 2—4. Very fine. 5. Very fine: mackerel sky and sultry P.M. 6. Very fine. 7, 8. Heavy showers: thunder. 9. Cloudy and threatening. 10. Rain. 11. Rain: fog P.M. 12. Fine, but cloudy. 13. Very fine: fog early A.M. 14. Heavy dew: very fine. 15. Very fine: shower and thunder. 16. Cool and breezy: thunder. 17. Very fine: air elastic. 18. Very fine: drizzle P.M. 19, 20. Very fine. 21. Fine, but cloudy: shower and thunder. 22. Showers: refreshing. 23. Fair and fine. 24. Fair and fine, but dull. 25. Shower early A.M.: fine. 26. Fine bracing air. 27. Cloudy: threatening: thunder. 28. Fair, but cloudy. 29—31. Fair, but cloudy: unsettled.

Mean temperature of the month 61°·55

Mean temperature of July 1846 59 °20

Mean temperature of July for twenty-five years 58 °14

Average rain for twenty years 3·91 inches.



1847. "Meteorological observations for July 1847." *The Annals and magazine of natural history; zoology, botany, and geology* 20, 215–215.

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