## Meteorological Observations.

## Pyranga roseo-gularis, a new species from Yucatan. By Dr. CABOT.

Male :—top of head, outer edge of primaries and secondaries, and surface of greater and lesser wing-coverts, the tail and its upper coverts, bright brownish red. Under side of tail and its under coverts, throat and flexures of wings, bright rose-colour. Back and posterior part of cheeks dark brownish ash-colour; anterior part of cheeks, breast and belly bright ash-coloured. Twelve tail-feathers. Bill strongly toothed, horn-colour at top, lighter beneath. Legs and feet horn-coloured. Total length  $6\frac{1}{4}$  inches; of bill  $\frac{5}{8}$  inch; along the ridge  $\frac{6}{8}$ ; along the gape  $\frac{5}{16}$  inch; across at base  $\frac{3}{8}$  through from above down. Tooth situated at  $\frac{1}{4}$  inch from point of bill. Tarsus rather more than  $\frac{3}{4}$  inch in length. Tail  $2\frac{6}{8}$  inches long. Wings from flexure  $3\frac{1}{8}$  inches.—*Ibid.* p. 436.

## METEOROLOGICAL OBSERVATIONS FOR JUNE 1847.

Chiswick.—June 1—3. Clear and very fine. 4. Light clouds and fine. 5. Cloudy. 6. Light clouds : clear. 7. Clear : cloudy. 8. Rain : thunder-showers. 9. Clear and fine. 10. Rain : cloudy : clear. 11, 12. Clear and very fine. 13. Rain : cloudy. 14. Densely clouded : showery. 15. Rain : thunder and heavy showers. 16. Cloudy : rain. 17, 18. Rain 19. Cloudy and fine. 20. Cloudy : slight showers. 21. Cloudy : fine. 22. Very fine. 23. Very fine : heavy showers, with thunder. 24. Cloudy and fine. 25. Rain : cloudy and fine. 26. Very fine. 27. Drizzly : cloudy and fine. 28. Fine. 29. Very fine. 30. Light clouds : very fine : overcast.

Mean temperature of the month	58°.46
Mean temperature of June 1846	66 .63
Mean temperature of June for the last twenty years	
Average amount of rain in June	

Boston.—June 1—4. Fine. 5, 6. Cloudy. 7. Fine. 8. Fine : rain early A.M. 9. Fine. 10. Cloudy : rain early A.M.: showery all day. 11, 12. Fine. 15. Cloudy : rain early A.M. 14. Cloudy : rain early A.M. : rain P.M. 15. Fine : rain P.M. 16. Fine : rain A.M. and P.M. 17. Fine. 18. Cloudy : rain early A M. : heavy rain P.M. 19. Cloudy : rain early A.M. 20. Cloudy : rain A.M. and P.M. 21. Cloudy : rain P.M. 22, 23. Fine : rain P.M. 24. Rain : rain P.M. 25. Fine : rain P.M. 26. Fine. 27. Cloudy. 28. Fine. 29, 30. Cloudy.— This month has been the coldest since 1843, and the wettest since June 1841.

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

Applegarth Manse, Dumfries-shire.—June 1—3. Very fine. 4. Warm, but overcast. 5. Fair A.M.: showers P.M. 6. Fair A.M. 7. Threatening: rain P.M. 8. Slight shower. 9. Fair: thunder: rain. 10. Fair: clear. 11. Fair, but cool. 12. Cloudy: rain P.M. 13. Rain. 14. Fine: thunder: rain. 15. Drizzly: thunder. 16. Bright A.M.: rain. 17. Drizzly. 18. Fair and fine. 19. Fine: a few drops. 20. Rain P.M. 21. Wet A.M.: cleared. 22. Showery. 23. Fine, very: slight shower. 24. Showery: thunder. 25. Showers A.M.: thunder. 26. Slight shower P.M. 27. Shower A.M.: fair. 28—30. Very fine.

Mean temperature of the month	 55°·2
Mean temperature of June 1846	 63 .2
Mean temperature of June for 25	
Mean rain in June for 20 years	



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