

FLANNEL FORMED OF INFUSORIA AND CONFERVÆ.

On the 17th of October last, Professor Ehrenberg laid before the Academy of Sciences of Berlin, a foot and a half square of natural wadding or flannel, consisting of *Infusoria* and *Confervæ*, which was found to the extent of several hundred square feet near Sabor in Silesia, after an inundation. We have already had occasion in preceding numbers of this Journal, to lay before our readers Professor Ehrenberg's notice respecting the animal and vegetable nature of the meteoric paper of 1686, (See Annals, vol. iii. pp. 185 and 320,) and also the communication of Ehrenberg and Kersten respecting the natural leather of Freiberg, to which the present substance is analogous, but far more surprising from its occurrence in such an immense mass. The flannel is chiefly formed of unramified branches of *Conferva rivularis* interwoven with fifteen species of *Infusoria* and some shells of the water-flea (*Daphnia*). Of the *Infusoria* eleven belong to the family of the *Baccillariæ*, and of these six to siliceous-loricated genera; several *Closterinæ*, &c. Predominating are the *Fragillaria*, *Navicula viridis*, and *Cryptomonas lenticularis*? All the forms are known species.—*Berichte der Akademie*, Oct. 17, 1839.

METEOROLOGICAL OBSERVATIONS FOR NOV., 1839.

Chiswick.—Nov. 1. Hazy : rain. 2. Rain. 3, 4. Foggy : rain. 5. Rain : fine. 6. Hazy : rain. 7. Rain. 8. Hazy : rain. 9. Fine : drizzly. 10. Hazy : rain. 11. Clear. 12, 13. Hazy : overcast. 14. Fine : rain. 15. Hazy. 16. Overcast : clear and fine at night. 17. Rain. 18. Heavy rain. 19. Fine : a large halo round the moon at night. 20. Fine : rain. 21. Stormy and wet. 22. Overcast : fine. 23. Clear. 24. Rain. 25. Cloudy : rain : almost a hurricane at night. 26. Clear. 27. Dense fog. 28. Hazy. 29. Heavy rain : 30. Overcast : heavy showers.

Boston.—Nov. 1. Stormy. 2. Cloudy : rain P.M. 3. Cloudy. 4, 5. Rain : rain early A.M. 6, 7. Cloudy. 8. Cloudy : rain P.M. 9. Cloudy. 10. Cloudy : rain A.M. and P.M. 11. Cloudy. 12, 13. Foggy. 14. Cloudy : rain P.M. 15. Cloudy : rain A.M. 16. Fine. 17. Fine : rain P.M. 18. Cloudy : rain early A.M. 19, 20. Fine. 21. Cloudy : rain early A.M. : rain P.M. 22. Cloudy. 23. Fine. 24. Rain. 25. Cloudy. 26. Cloudy : rain early A.M. 27. Fine : rain and snow P.M. 28. Cloudy. 29. Rain : rain early A.M. 30. Stormy.

Applegarth Manse, Dumfriesshire.—Nov. 1. Storm of wind with slight showers. 2. Fair : weather moderated. 3. Fair : fine. 4. Rather moist. 5. Clear and cold. 6. Quiet day and cloudy. 7. The same : slight drizzle P.M. 8. Cloudy and moist. 9. The same : rain A.M. 10. Quiet day : moist atmosphere. 11. Calm day : still moist. 12. Showery all day. 13. Mild day throughout : no rain. 14. Drizzly and gloomy : a true Nov. day. 15. Rain all day : heavy P.M. 16. Showery throughout. 17. Fine day and fair. 18, 19. Drizzling day. 20. Very fine day : rain P.M. 21. The same : rain A.M. 22. Fine : one shower P.M. 23. Frosty morning : shower at noon. 24. Rain all day. 25. Showery A.M. : cleared up P.M. 26. Cold and frosty morning : shower snow. 27. The same : frost increasing : more snow. 28. Freezing all day : snow lying. 29. Storm of wind and rain : snow gone. 30. Rain nearly all day.

Sun 20 days. Rain 16 days. Snow 2 days. Frost 3 days.

Wind east 7 days. South-east and south-south-east 5 days. North 1 day. North-east and north-north-east 4 days. South-east 4 days. South-west and south-south-west 7 days. West 1 day. West-south-west 1 day.

Calm 12 days. Moderate 10 days. Brisk 4 days. Boisterous 2 days. Strong breeze 1 day. Stormy 1 day.



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