dysodil of Sicily, but which is distinguished by its containing a considerable quantity of pine-tree pollen, and other vegetable remains.

Since that time it has been found in two other places. The foliated serviceable bituminous coal from Geistinger Busch near Rott and Siegburg, to the north of the Siebengebirge, is, although as black as old leather, quite similar to the dysodil, only it is richer in vegetable remains.

In a fourth similar foliated lignite from Vogelsberge, given me to examine, as were the former, by Ober-Bergrath von Dechen, there may be recognised very beautifully preserved infusorial shells. This substance is also like the black dry sole of a shoe. From these inquiries we see that the species of mineral called dysodil belongs to the infusorial conglomerates, and is evidently a *Polirschiefer* or *Blättertripel* accidentally penetrated by mineral pitch; whilst at Bilin, Cassel, etc., it appears without any mixture of bitumen. Its colour may be yellow or even brown and black. It nowhere forms exceedingly large, but sometimes rather extensive and useful beds.—*Pogendorff's Annalen*.

METEOROLOGICAL OBSERVATIONS FOR FEB., 1840.

Chiswick.—Feb. 1. Cloudy: rain. 2. Very fine. 3. Rain. 4. Boisterous with rain. 5. Rain: clear. 6. Rain: cloudy. 7. Rain. 8. Heavy showers. 9. Fine. 10. Heavy showers: clear and very fine at night. 11. Fine. 12. Rain. 13. Very fine. 14. Foggy. 15. Frosty: rain. 16. Hazy and mild. 17. Dense fog. 18. Dry cold haze. 19. Clear and cold. 20. Cloudy, with some snow-flakes falling. 21. Bleak and cold. 22. Overcast. 23. Cold and dry. 24. Fine but cold. 25. Frosty haze. 26. Cold haze. 27. Cloudy, cold and dry. 28, 29. Fine but cold.

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

Applegarth Manse, Dumfries-shire.—Feb. 1. Frequent showers. 2. Frequent showers: snow gone. 3. Frequent showers. 4, 5. Shower A.M.: fair rest of the day. 6. Rain very early: fine day. 7. Heavy rain A.M.: stormy P.M. 8. Occasional showers of rain and hail. 9, 10. Occasional showers of rain and hail with high wind P.M. 11. Fine day: a few drops of rain. 12. Storm of wind and rain P.M. 13. Fine day: no rain. 14. Fine day, but cloudy. 15. Wet morning: cleared up P.M. 16. Calm, cloudy, and mild. 17, 18. Fine A.M.: grew cloudy and sharp. 19. Cold easterly wind, but fair. 20. Cold easterly wind with slight frost and snow showers. 21. Cold easterly wind: frost: threatening snow. 22—24. Cold easterly wind: still frosty: sprinkling snow. 25. Cold easterly wind. 26. Beautiful sunny day, but still frosty. 27. Beautiful sunny day: frost very keen. 28. Cloudy all day: but still freezing. 29. Fine frosty day.

Sun shone out 25 days. Rain fell 13 days. Snow 2 days. Frost 10 days.

Wind north-easterly 6 days. Easterly $3\frac{1}{2}$ days. South-easterly 7 days. Southerly $3\frac{1}{2}$ days. South-westerly $8\frac{1}{2}$ days. West 1 day.

Calm $14\frac{1}{2}$ days. Moderate 8 days. Brisk $1\frac{1}{2}$ day. Strong breeze 2 days. Boisterous 3 days.

1840. "Meteorological observations for Feb., 1840." *Annals of natural history* 5, 151–151. <https://doi.org/10.1080/00222934009496795>.

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