

IV.—*Further Notes on Mineral "growth."*—BY T. A. READWIN,
F.G.S., &c.

ABSTRACT.

MR. READWIN stated that since reading his former paper (Min. Mag., No. 5), he had visited the museums of Copenhagen, Stockholm, Christiania, Kongsberg, and London, in search of corroborative evidences of "Recent Mineral-growth at ordinary temperatures, under ordinary conditions," and that he was satisfied that mineral "growth under ordinary conditions," is not of unusual occurrence, although, hitherto, neither generally observed, nor believed.

Mr. Readwin also stated that several of the specimens referred to in his former paper, some of which he took on his journey, exhibited changes and developments during his absence.

In conclusion, Mr. Readwin submitted an idea of Metal-growth more closely at home.

Every shaving-man he said, knows by experience, that sometimes after long stropping in the same direction, his razors provokingly "*get tired of shaving,*" and, that, after *sufficient rest*, they frequently "*recover their edge.*"

That the edge-particles *do* re-arrange themselves, at times, the microscope has often revealed. Indeed I may say my own chin has often proved it to me, and that I feel half-tempted to speak of the change as "*Steel-growth.*" [July 7.]

[MEMORANDUM, Aug. 10] Early in 1871 I reduced the *size* of a good many of my Merionethshire auriferous minerals, and after taking great care to preserve every bit of quartz, &c., that "*showed a speck of gold,*" I put the refuse fragments, &c. into a large box, nailed it down securely, without any definite object; and forgot it entirely. *Yesterday* my eye happened to rest upon it, and I spent nearly the whole day in the careful examination of its contents. I was more than repaid for my trouble by finding 62 quartz and pyrites specimens having upon them appreciable electrum-growth; three of which, present, are particularly interesting. I mark them X, Y, Z; in X is an unusual growth mode. On Y, near label, is is another. Z has a growth somewhat similar, and recommends itself, also, as to recent quartz-crystallization.