



No generally recognized “universal” physical explanation of $1/f$ noise exists. Consequently, the ubiquity of $1/f$ noise in nature is one of the oldest puzzles of contemporary physics and science in general.

It would be very interesting to carry out spectral/correlation analyses *e.g.* on whale songs, to see if their music also has $1/f^\beta$ fluctuations... One can also ask the question, since $1/f^\beta$ fluctuations ***are*** widespread in nature/in the everyday world here on earth as well as extant elsewhere in many physics processes out there in the cosmos, ***if*** intelligent life exists elsewhere in the universe, ***and*** those life-forms had their own music, would ***their*** music also exhibit $1/f^\beta$ fluctuations?