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Low Velocity Waves Inside and Outside of Plants ORVIN WAGNER, Wagner Research Laboratory — I have been reporting organizing waves in plants for many years. In 1989 I reported wave travel between plants. The waves travel at near 25 m/s horizontally through air on earth. Recently I built my own transmitters and receivers and found that the waves will penetrate mountains. Monitoring plants suggest that there is constant communication between plants with the cacophony peaking during the summer months. The location of the sun has a direct influence. I hypothesize that the observed waves are waves in dark matter as well as the other media involved. Apparently dark matter not only interacts with gravity but has much to do with the organization of nature. The velocities of waves in plants peak vertically. For example in Ponderosa pine the ratio of the vertical to horizontal velocity is 3/1 making a tall spindly tree. In apple the ratio is 4/3 making a nearly round tree. The velocity anisotropy may suggest that dark matter interacts differently with respect to the gravity direction. The penetrating qualities of the waves may provide useful communication. There appears to be a rather large velocity distribution, however, when the waves travel far through dense matter.

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