EVOLUTION

I had written three pages on how insects are such good chemists, citing the silkworm sex attractant, and the bombardier beetle, spraying out hot hydrogen peroxide when threatened. And I was in the middle of telling the story of the western pine beetle, which has an aggregation pheromone calling all comers (of that species). The pheromone has three components: one from the male, frontalin, exo-brevicomin wafted by the female and (ingenious) abundant pitch-smelling myrcene from the host pine. I had written this the night before, broken it down into short lines. When I woke up Sunday and sat down to work, quietly, with a second cup of coffee, the sun was on my desk. I had some flowers I had picked on the hill in a vase: bush lupine, California poppies, and some of the grass that grows here. On the grass stalks the bracts were a few centimeters apart. They were beige, finely lined husks, their line set by a dark spikelet, more like a stiffened flagellum than a thorn. A hint of something feathered inside. The sun's warmth had burst some of the pods, which had fallen on the draft (the words were lost in the sun). fallen by chance next to the shadows of seed still hanging, and, the grass seed like dormant grasshoppers, legs of now bent spikelets cast second, finer shadows. Then I saw you walking on the hill.