FIGURE S4.—Unusual floral phenotypes from the phytotron. Phenotypes were consistent for the particular treatments shown. A) The tasseled-ear phenotype shown on a Tzi8 plant which received 10 days of short-day treatment before being transferred to a long-day environment. B) Ki14 plants given different amounts of short-day treatment before being transferred to a long-day greenhouse. Plants given greater than 25 days of short-day treatment produced normal-looking tassels which shed pollen and normal-looking ears which produced silks. Plants given 20 days of short-day treatment grew to normal height, but produced giant tassels (measuring up to a meter in length) that were covered in plantlets with roots and shoots. Plants given 15 days or less of short-day treatment grew extremely tall and flowered extremely late. C) Close-up view of plantlets growing on tassels of a Ki14 plant given 20 days of short-day treatment. D) A massive group of leaves surrounding the sterile tassel that emerged from Ki14 plants which received 15 days or less of short-day treatment.