| Name | Date |
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Population Genetics Worksheet

| | e allele frequencies from this information alone? |
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| | ele frequencies and genotype frequencies if the population were in Hardy-Weinberg f the Hopi are estimated to be carriers of the recessive albino allele? |
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| oink flowers are observed in ecessive to the blue allele. H | rnia, the dwarf lupin (Lupinus nanus) normally bears blue flowers. Occasionally, plants with wild populations. Flower color is controlled at a single locus, with the pink allele completely arding (1970) censused several lupin populations in the California Coast Ranges. In one |
| | sh Flat, California, he found 25 pink flowers and 3291 blue flowers, for a total of 3316 flowe |
| a. Calculate the expected alle | le frequencies and genotype frequencies if the population were in Hardy-Weinberg equilibri |
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| | ly of lupins by counting number of seed pods produced per plant in a subsample of the |
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