Population Growth and Interactions

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| 18 |  |  |  |  |  |  |  |  |  |  | 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | 21 |  |  |  | 22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  | 24 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  | 25 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Across****1.** results in a S shaped curve **4.** the number of individual organisms in a given area or volume**5.** advantage of favourable conditions **7.** highest possible per capita growth rate for a population **11.** close relationship b/w different species **15.** final stage of succession **16.** advantage of stable environmental conditions **18.** change in a population size over a specific time frame **19.** invasion & replacment of species over time **20.** relationship b/w dogs and ticks**23.** competition b/w different species **24.** abiotic factor that limits a habitat's carrying capacity **25.** maximum population size the environment can sustain **26.** 1st species to colonize **27.** combined effects that limit population growth **28.** camouflage is an ex of  | **Down****2.** both organisims benefit **3.** development of species where there's no soil **6.** biotic factor that limits a habitat capacity **8.** organism that is killed/consumed **9.** competiton b/w members of the same species **10.** change in population size per individual over a given time frame**12.** regrowth of previously existing species **13.** results in a J shaped curve **14.** wildfire is an ex of **17.** organism that kills/eats others**21.** living to sustain our needs w/o compromising future generations **22.** ex is cattle and cattle egrets  |