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Crayfish & Grasshoppers

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|  | 12C |  H |  E |  L |  I |  P |  E |  D |  S |  |  A |  | 13J |  | 14A |  N |  U |  S |  |  I |  |  T |  |  | 15L |  | 16O |  |  |
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| **Across****3.** The grasshopper has a large eye which we call the \_\_\_\_\_\_\_\_ eye.**6.** The fused thorax and head region of a crayfish.**9.** Crayfish use these structures to obtain oxygen.**12.** The first pair of legs on a crayfish. Adapted for catching and crushing food.**14.** In the crayfish, wastes are expelled through the \_\_\_\_.**17.** The jaws of the grasshopper.**19.** These long sensory structures contain receptors for smell and touch.**21.** The Phylum of grasshoppers.**22.** Grasshoppers have \_\_\_\_ pairs of wings.**24.** The Class of grasshoppers.**25.** This is the "eardrum" of the grasshopper (2 words, no space). | **Down****1.** A lightweight suit of armor. Provides framework for support, protects soft body tissues, provides location for muscle attachment.**2.** Grasshoppers breathe air through these small lateral openings. **4.** Crayfish possess this gland which collects waste materials from blood and excretes the waste through pores at the base of each antenna.**5.** The portion of the crayfish you cut off of the cephalothorax. It covered the stomach, gills and more.**7.** The pointed egg laying tube at the posterior of the female grasshopper.**8.** The teeth like structures within the stomach of the crayfish are made of this substance.**10.** The short legs behind the walking legs of the crayfish. Used for reproduction and swimming.**11.** These legs are mainly for locomotion in the crayfish.**13.** This "type" of appendages allows for flexible movement.**15.** The upper lip on a grasshopper.**16.** The type of circulatory system seen in a crayfish.**18.** A crayfish has a \_\_\_\_\_ nerve cord. This means it runs along the bottom interior of the crayfish.**20.** The 3 regions of the grasshopper are the head, \_\_\_\_\_\_\_\_ and abdomen.**23.** The middle section of the most posterior portion of a crayfish. |