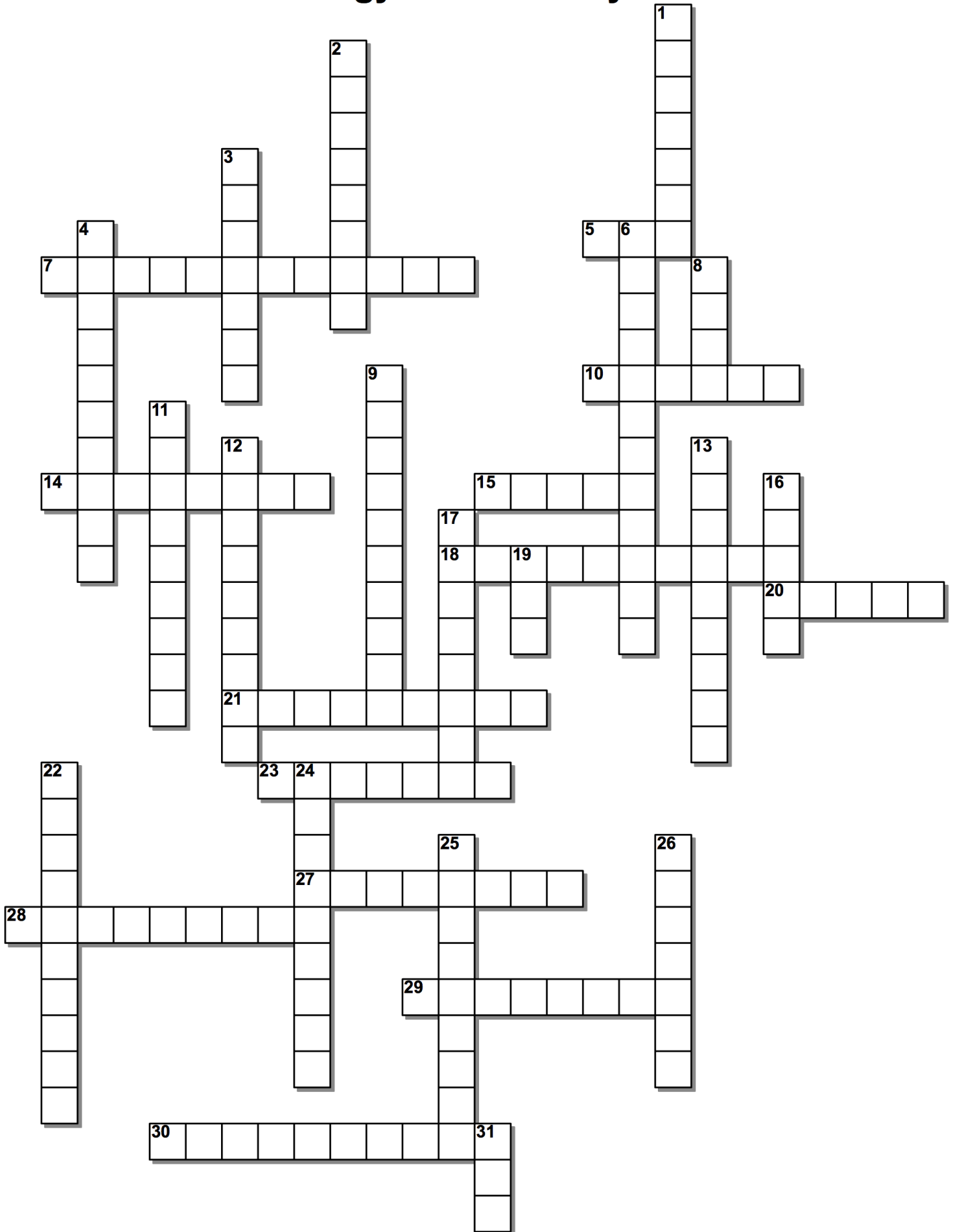


Parasitology: Introductory Material



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Across:

- 5 a secretion of the stomach that might function to digest some parasites (and pizza)
- 7 when the cavity of a blood vessel gets larger, often in response to an immune cell secretion
- 10 an animal that transmits a parasitic disease to another animal
- 14 secretes histamine in response to infection
- 15 a juvenile invertebrate parasite that is not sexually mature
- 18 this type of host has only adult parasites in it
- 20 fluid that is forced out of your blood vascular system and recaptured by vessels for eventual delivery back to the blood
- 21 animals and cells engage in this process whereby they make metabolic wastes that are exported out of their bodies
- 23 any foreign molecule or cell inside a host
- 27 the first part of your small intestine where a lot of enzymatic activity occurs
- 28 another name for a white blood cell
- 29 stem cells of flatworms that can make new epidermal layers (and other things)
- 30 a series of proteins in our blood that when activated can lead to the destruction of a parasite's surface

Down:

- 1 a form of immunity that leads to the production of immunoglobulins
- 2 a general category of parasite that must spend all or part of its lifecycle in or on a host
- 3 an extracellular secretion in some (not all) invertebrates that might prevent infection
- 4 a phagocytic cell found only in vertebrates
- 6 when two animals live together, but one benefits while the other is unaffected
- 8 the larger of the two animals in a parasitic relationship
- 9 a type of immune cell in the internal organs of vertebrates that can become an antigen presenting cell
- 11 when two animals live together and benefit each other
- 12 cells in invertebrates that engage in the process of melanization
- 13 the smallest of these vessels: arteriole, capillary, venule
- 16 a naive form of this cell can differentiate into a plasma cell
- 17 a form of immunity that is specific to different kinds of parasites
- 19 region of an antibody that attaches to antigens
- 22 a type of immune cell in the vertebrate integument that can become an antigen presenting cell
- 24 a newly synthesized epidermis of parasitic flatworms
- 25 animals, glands, and cells engage in this process whereby they make things like proteins that are exported out of their bodies
- 26 an overt sign of a disease
- 31 the number of intermediate hosts in a 3-host lifecycle of a parasite