

A photograph of a lion drinking water from a pool. The lion is the central focus, with its head and front paws visible as it leans over the water. The water is dark, and the lion's face and mane are reflected in it. The background is dark and out of focus, suggesting a natural habitat. The overall lighting is warm, highlighting the lion's fur.

Biology

seventh edition

Sylvia S. Mader

Laboratory Manual

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2	Metric Measurement and Microscopy	7	4	1.5-2.5	L, F
3	Chemical Composition of Cells	27	3	2.0	I, F
4	Cell Structure and Function	43	4, 5	2.0	L
5	Enzymes	61	6	2.0-2.5	I, F
6	Photosynthesis	69	7	2.0	L, F
7	Cellular Respiration	79	8	2.5	
8	Mitosis and Meiosis	85	9, 10	2.25	
9	Mendelian Genetics	103	11	2.25	L, C
10	Human Genetics	117	13	1.5	
11	Molecular Genetics	129	14, 15, 16, 17	2.5-3.0	I, L, F
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14	Symbiotic Relationships	171	24	2.0	L, F
15	Sampling Ecosystems	185	26	3.0-6.0	L, T
16	Effects of Pollution	193	27	2.25	L, C
17	Bacteria and Protists	201	33	1.75	I, L, C
18	Fungi	219	31	1.25	I, L, F, C
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21	Introduction to Invertebrates	259	33	2.5	L, F
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26	Control of Plant Growth and Response	351	38	2.0	L, C
27	Reproduction in Plants	361	39	1.0	L, F, C
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33	Nervous System	455	46, 47	2.25	L
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35	Animal Development	491	51	2.0	F, C

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*Special Requirements Key

I	Incubation
L	Living material—advanced order with timely delivery
F	Fresh material—local purchase as needed
C	Culture or growth (h) hours, (d) days, (w) weeks
D	Demonstration—by instructor
T	Trip to field site—prior planning required