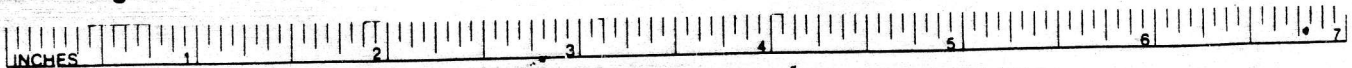


Key to some salamanders

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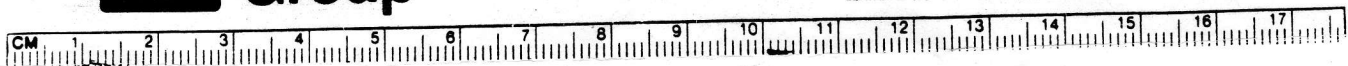
| | | |
|----|--|--|
| 1 | a Hind limbs absent | <i>Siren intermedia</i> , siren. |
| | b Hind limbs present | Go to 2 |
| 2 | a External gills present in adults | <i>Necturus maculosus</i> , mud puppy |
| | b External gills absent in adults | Go to 3 |
| 3 | a Large size (over 7 cm long in Figure 1) | Go to 4 |
| | b Small size (under 7 cm long in Figure 1) | Go to 5 |
| 4 | a Body background black, large white spots irregular in size and shape completely covering body and tail | <i>Ambystoma tigrinum</i> , tiger salamander |
| | b Body background black, small round white spots in a row along each side from eye to tip of tail | <i>Ambystoma maculatum</i> , spotted salamander |
| 5 | a Body background black with white spots | Go to 6 |
| | b Body background light color with dark spots and/or lines on body | Go to 7 |
| 6 | a Small white spots on a black background in a row along each side from head to tip of tail | <i>Ambystoma jeffersonianum</i> , Jefferson salamander |
| | b Small white spots scattered throughout a black background from head to tip of tail | <i>Plethodon glutinosus</i> , slimy salamander |
| 7 | a Large irregular black spots on a light background extending from head to tip of tail | <i>Ambystoma opacum</i> , marbled salamander |
| | b No large irregular black spots on a light background | Go to 8 |
| 8 | a Round spots scattered along back and sides of body, tail flattened like a tadpole | <i>Triturus viridescens</i> , newt |
| | b Without round spots and tail not flattened like a tadpole | Go to 9 |
| 9 | a Two dark lines bordering a broad light middorsal stripe with a narrow median dark line extending from the head onto the tail | <i>Eurycea bislineata</i> , two-lined salamander |
| | b Without two dark lines running the length of the body | Go to 10 |
| 10 | a A light stripe running the length of the body and bordered by dark pigment extending downward on the sides | <i>Plethodon cinereus</i> , red-backed salamander |
| | b A light stripe extending the length of the body, a marked constriction at the base of the tail | <i>Hemidactylum scutatum</i> , four-toed salamander |

Figure 2



**American Fidelity
Group**

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Oklahoma City, OK 73106



Procedure

Part A. Using a Classification Key to some salamanders

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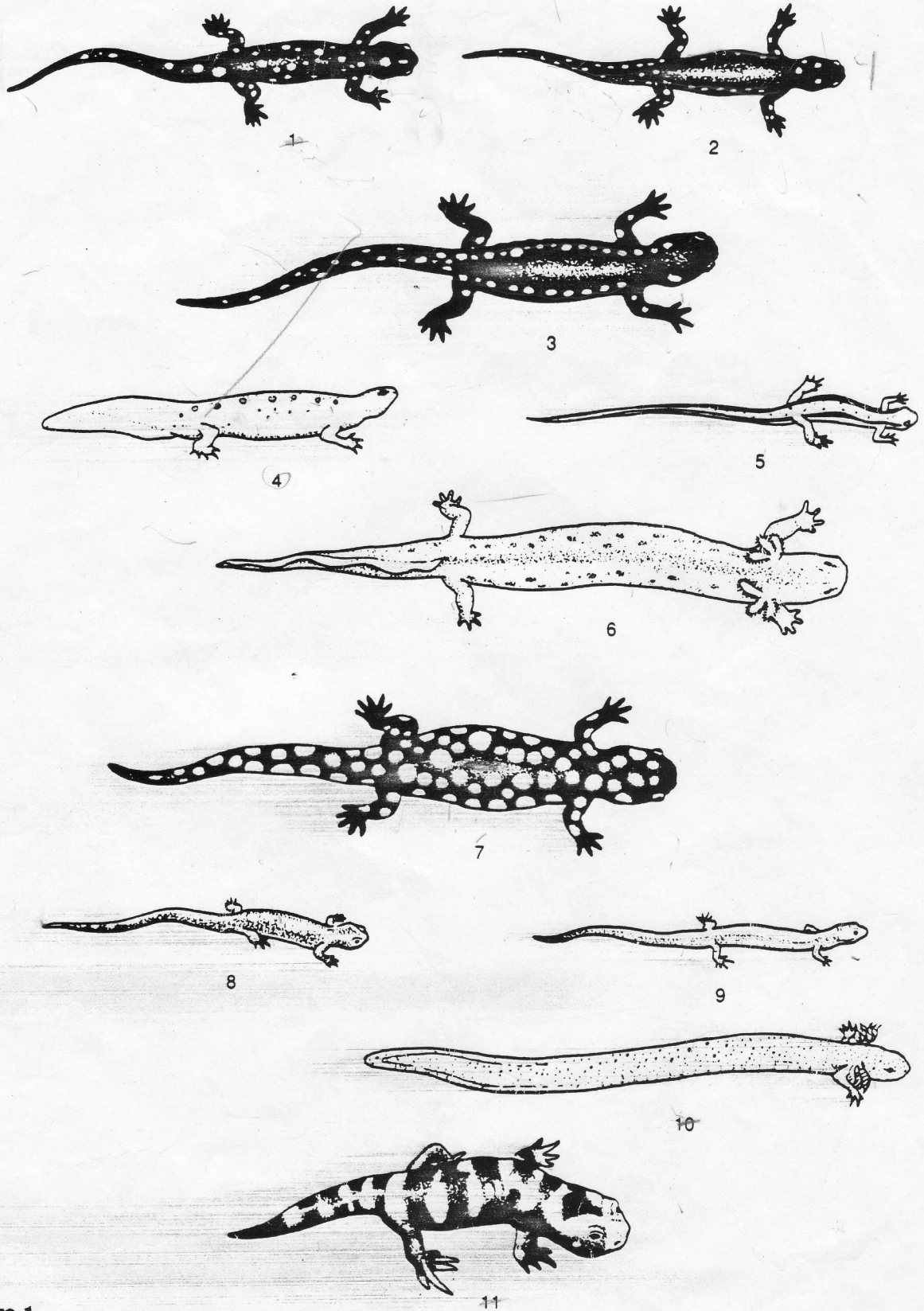


Figure 1