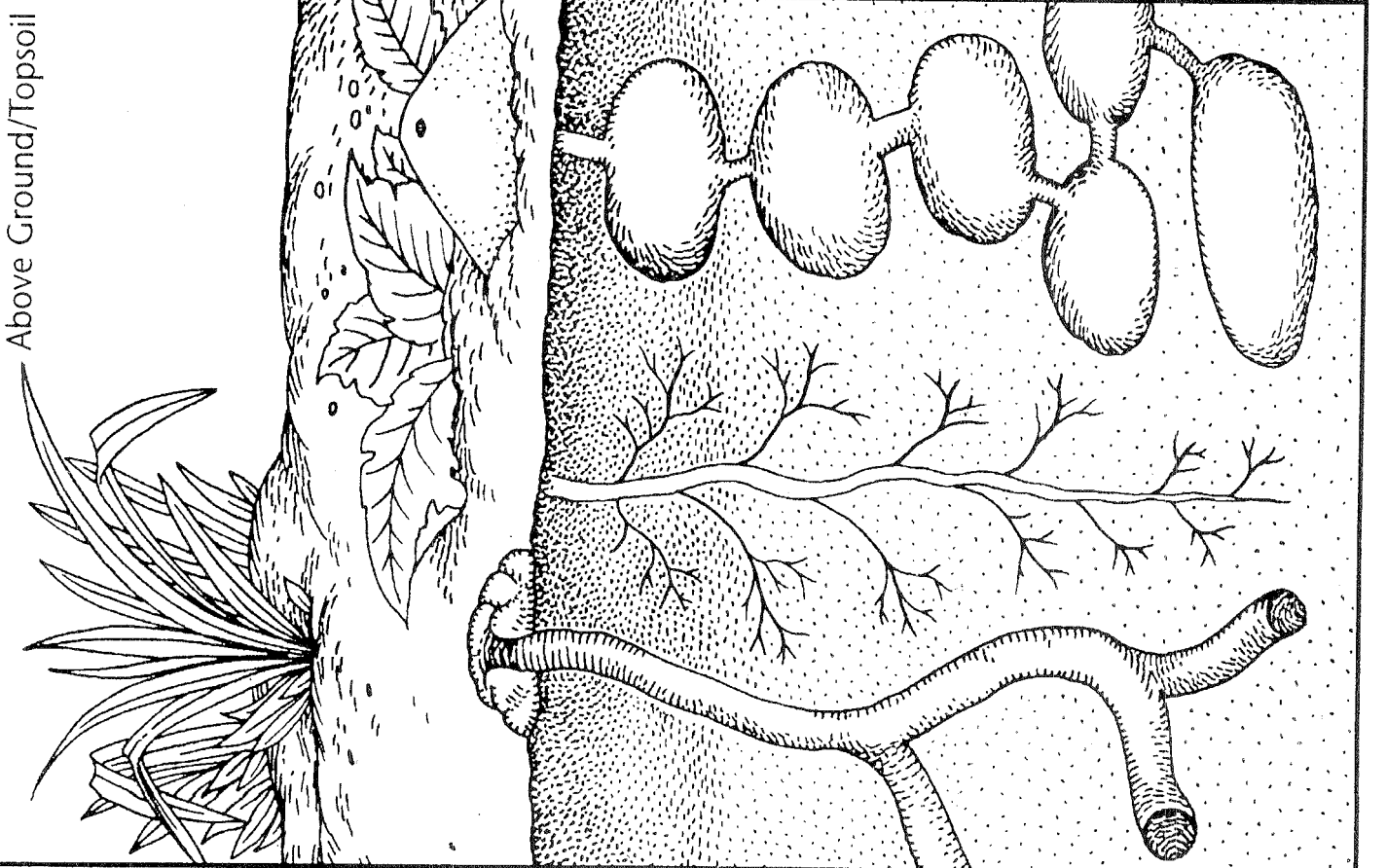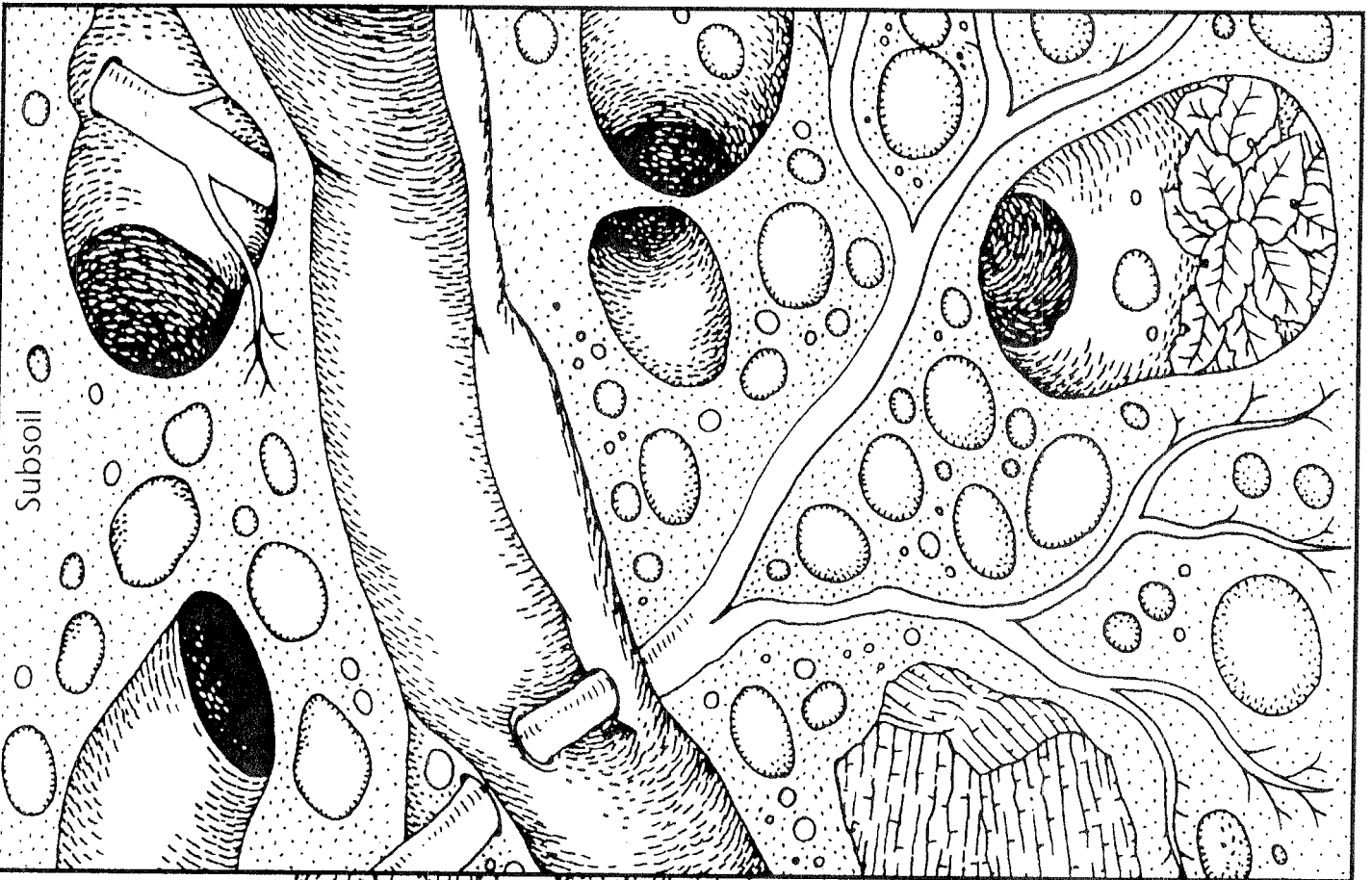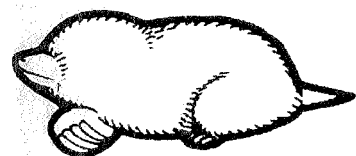# Create a Soil Scroll

1. Cut out the four rectangles along the heavy black lines.

2. Place the rectangles one above the other. The order top to bottom is: Topsoil, Subsoil, Parent Material and Bedrock, and Soil Story.

3. Turn the rectangles over and <u>carefully</u> tape them together from the back.

4. Color the soil layers. Remember that soil comes in many colors. Think about the soil you have seen and base the colors on your observations.

5. Color the soil creatures and plants. Cut them out and glue them in an appropriate soil level. The captions give you clues as to where they belong.

6. **<u>Now, write a Soil Story</u>** for the last panel. Refer back to Activity # 5, Soil Compositions, in your online textbook for details that you may have forgotten. Describe the soil and its characteristics. Talk about the plants and creatures that live there. This should be a thoughtful complete story and will be assessed.

7. Assemble your finished scroll by taking one unsharpened pencil and taping it to one end and another pencil at the other end. Roll scroll from both ends and tie in the middle with string or ribbon. *Instead of pencils, use small sticks.*
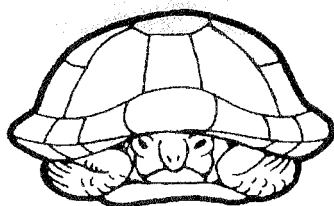
Subsoil

Above Ground/Topsoil

Soil Story

Parent Material
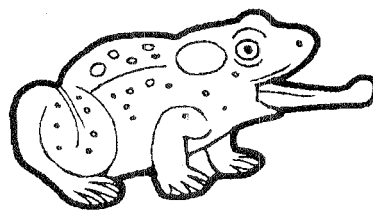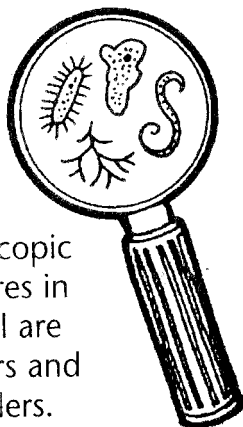
Bedrock

SOIL CREATURES AND PLANTS

Moles dig tunnels deep into subsoil.

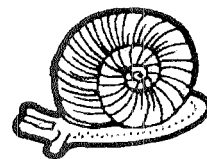A tortoise may sleep through winter in subsoil.
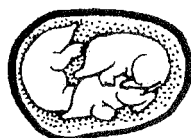
Toads hunt insects on the soil's surface.

Microscopic creatures in topsoil are decayers and recyclers.

Roots grow down into subsoil.

Snails often hide in holes in topsoil.

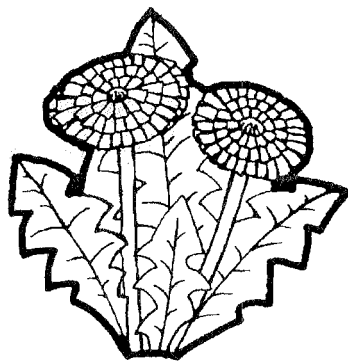Mother mole makes a nest for her babies deep in the subsoil.

Many insects lay eggs just below the soil's surface.

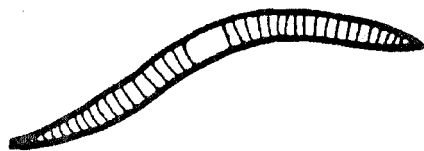Some ants store seeds in their nests.
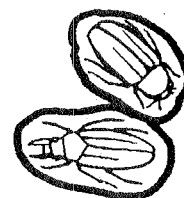
Robins feed on worms that live in topsoil.

Mushrooms help break down and recycle dead plants and animals in the topsoil.

Dandelions grow one main root down into topsoil, from which side roots branch.

Some beetles tunnel through topsoil.

Earthworms loosen and mix topsoil as they tunnel through it.

Criteria for Soil Scroll

	Topsoil	Subsoil	Parent Material	Bedrock
Color (2 pts. each layer)	(2 points)	(2 points)	(2 points)	(2 points)
Add correct plants and creatures (6)	(2 required)	(4 required)		
Soil story Explain each layer of soil and Describe things that live in various layers.	(5 points)	(5 points)	(5 points)	(5 points)
Total points (34)				