Pictorial Key to the Spiophanes of Southern California

by Lawrence L. Lovell

1. Prostomium truncate; no lateral projections; without median antennae.

   Spiophanes wisleyi
   Pettibone, 1962
   From Montagne, SCAMIT

2. Prostomium bell or T-shaped; with short or prolonged lateral projections; with or without median antennae.

3. Lateral projections absent.

   Spiophanes bombyx
   (Claparede, 1870)
   From Berkeley and Berkeley, 1952

   Licht, 1978
   From Light, 1978

   Hartman, 1941
   From Hartman, 1941

4. Prostomium T-shaped; with prolonged lateral projections; without median antennae.

5. Prostomium bell shaped; with short lateral projections; with or without median antennae.

6. Prostomium with median antennae; peristomial glands well developed; eyes red, black, or absent.

   Spiophanes missionensis
   Hartman, 1941
   From Phillips, SCAMIT

   Light, 1978
   From Light, 1978

7. Prostomium without median antennae; peristomial glands poorly developed; eyes usually red.

8. Dark pigment present on neuropodial lobes of setigers 10-13; ventrum of eighth setiger without strong horizontal methyl green stain. Eyes red or absent.

   Spiophanes fimbriata
   Moore, 1923
   From Phillips, SCAMIT

9. Dark pigment absent on neuropodial lobes of setigers 10-13; ventrum of eighth setiger with strong horizontal methyl green stain. Eyes black.

   Spiophanes berkeleyorum
   Pettibone, 1962
   From Phillips, SCAMIT

   Light, 1978
   From Light, 1978