



FIGURE 9.17 Posterior end of the pleuroperitoneal cavity of the female pigeon in ventral view. Gizzard and small intestine removed to show urogenital structures, viscera, and vessels.

been studied, find the point where the posterior vena cava, which returns blood from most of the body posterior to the heart, passes through the left lobe of the liver. This occurs dorsal to the entrance of the hepatic portal vein. Cut through the vena cava and remove the

remainder of the liver. Cut through the distal end of the proventriculus, just dorsal to its union with the gizzard. Find the **celiac** and **anterior mesenteric arteries** (Figure 9.16) as they emerge from the aorta, just to the right of the distal end of the proventriculus. The ovoid, dark