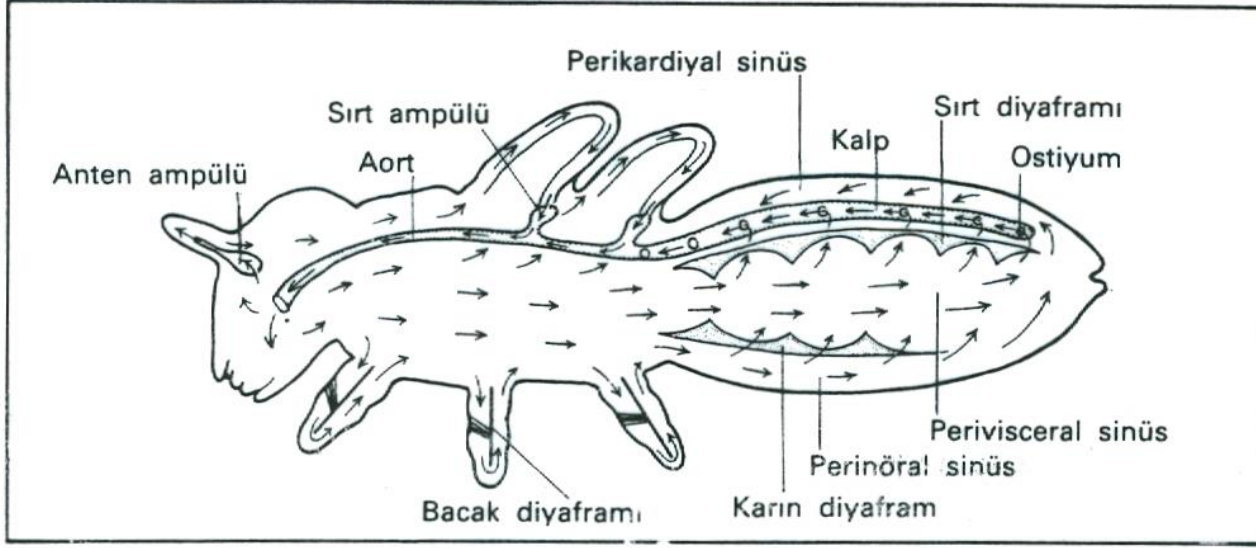


Dolaşım Sistemi

Kan dolařım sistemi ve kanın dolařım yönü

(řekil 64).



řekil 64. Tam gelişmiş bir böcekte kan dolařım sistemi ve kan dolařım yönü (řematik), (Weber'den).

İyi gelişmiş dolaşım sistemi'nin şematik görünümü

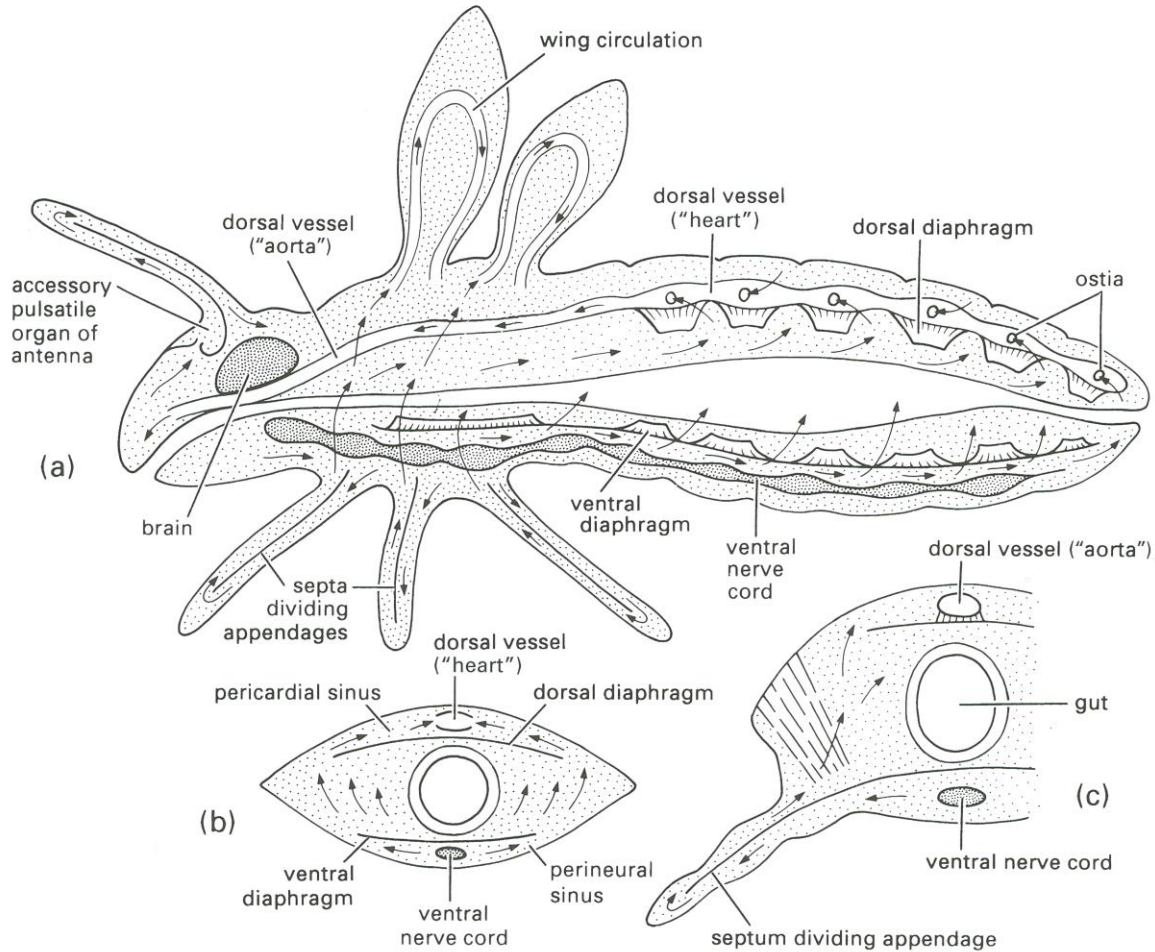
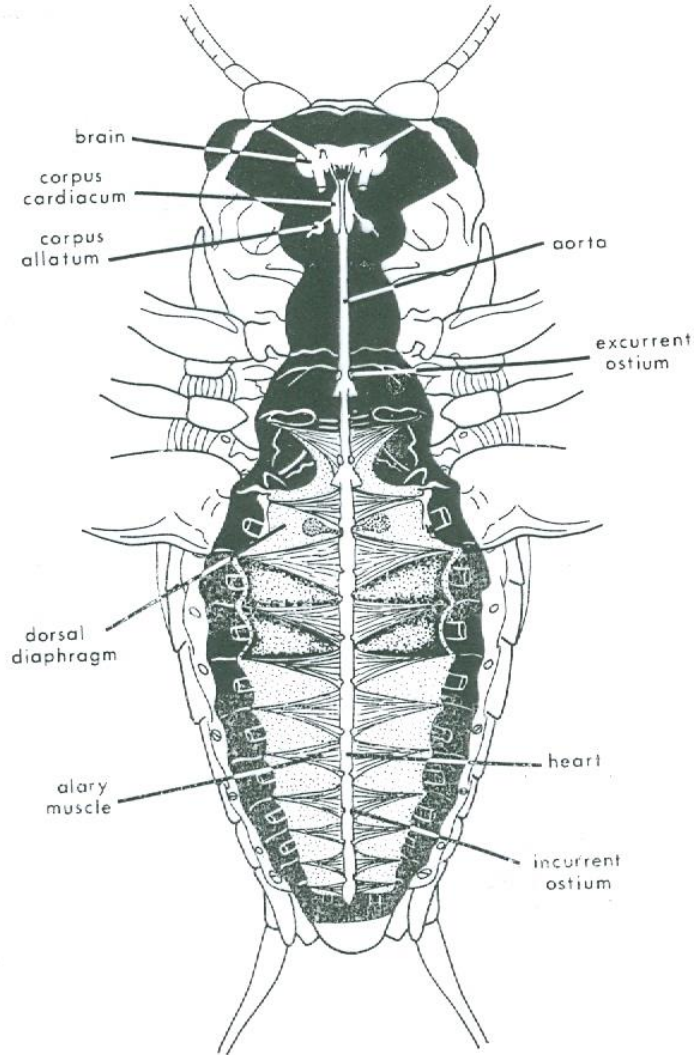


Fig. 3.9 Schematic diagram of a well-developed circulatory system: (a) longitudinal section through body; (b) transverse section of the abdomen; (c) transverse section of the thorax. Arrows indicate directions of hemolymph flow. (After Wigglesworth 1972.)

Sırt damarı ve sırt diyaframı



Acheta assimilis

Şekil 65. *Acheta assimilis*'de sırt diyaframı ve sırt damarı (Nutting, 1951).

Kalp - Aorta ve diyaframlar

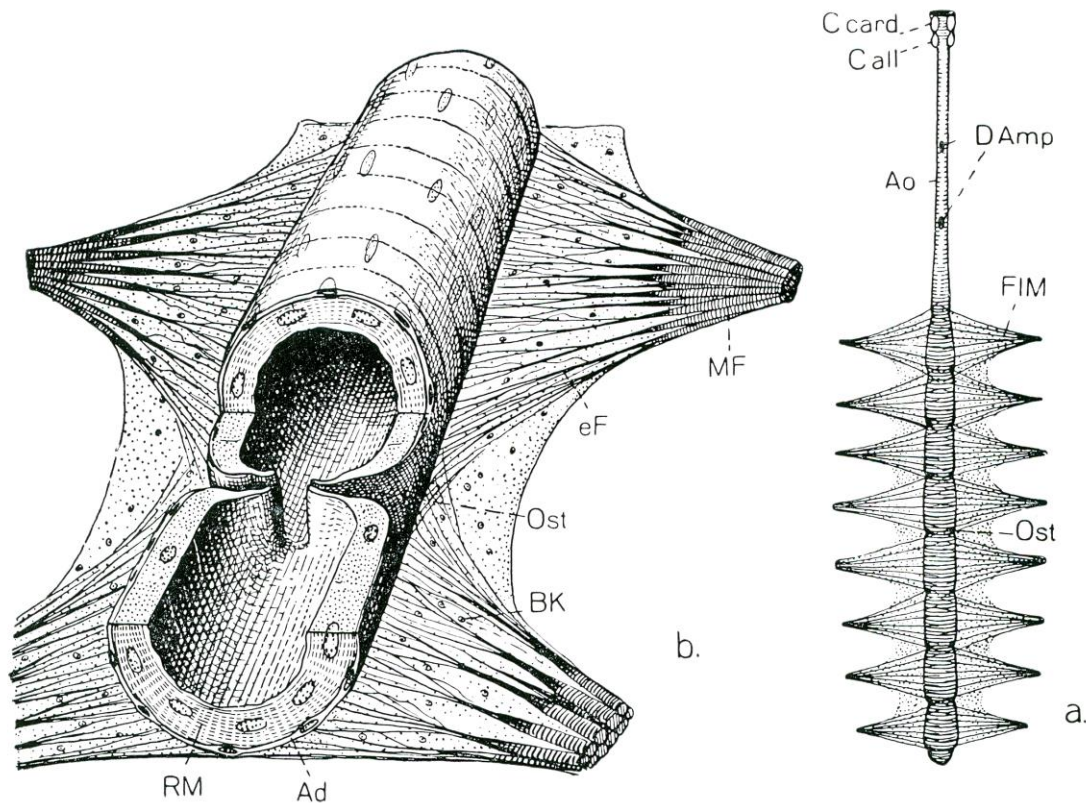
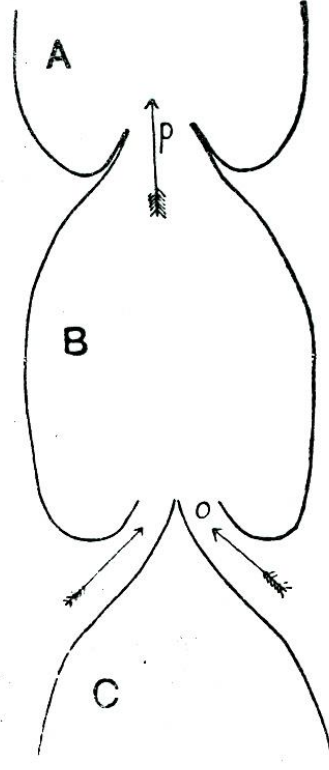


Fig. 93: **a** Grundschemata des Rückengefäßes, Ventralansicht. **b** Ausschnitt aus dem Herzen und dem dorsalen Diaphragma, von hinten und dorsal gesehen. Rekonstruktion, ein Teil der dorsalen Herzwand abgetragen.

Ad = Adventitia, Ao = Aorta, BK = Bindegewebskerne, C. card, C. all = Corpora cardiaca, allata, Damp = Abzweigung der Dorsalampullen, eF = elastische Fasern, FIM = Flügelmuskeln, MF = deren Muskelfasern, Ost = Ostium, RM = Ringmuskelschicht.

Kalp kapakçıkları



Şekil 66. Kalp kapakçıkları.

A, B, C kalp odacıkları, AB. kalbin sistol hali, BC. kalbin diastol hali, p. interventrikular geçit, o. ostium.