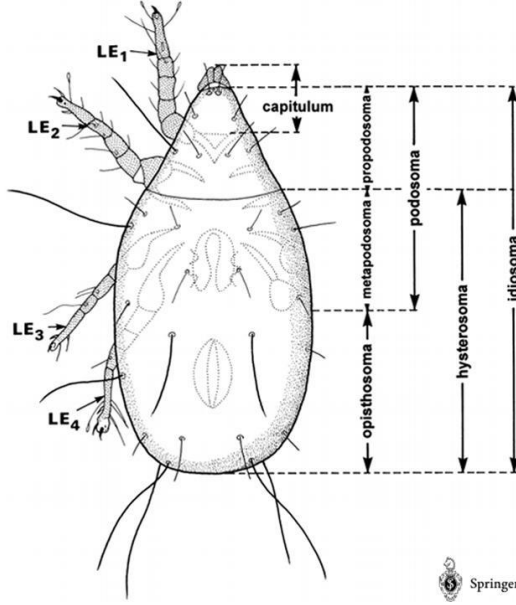


III. Akarların Tanınması ile İlgili Uygulama

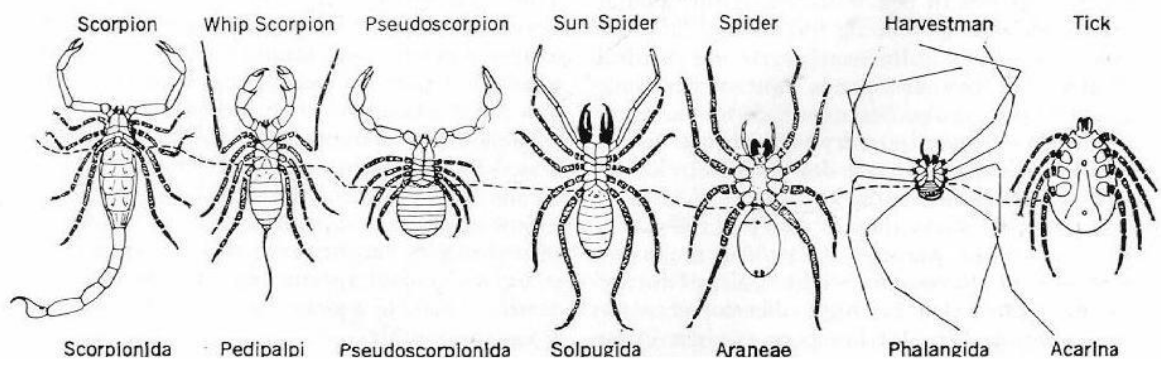


Phylum: Arthropoda

Subphylum: Chelicerata

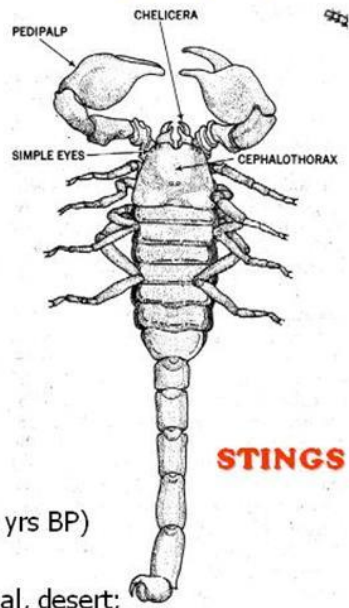
Class: Arachnida

Subclass: Acari(na)

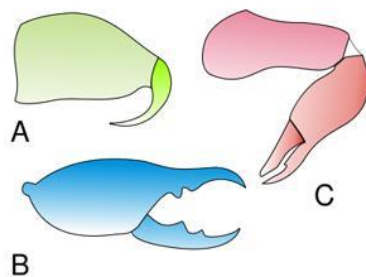
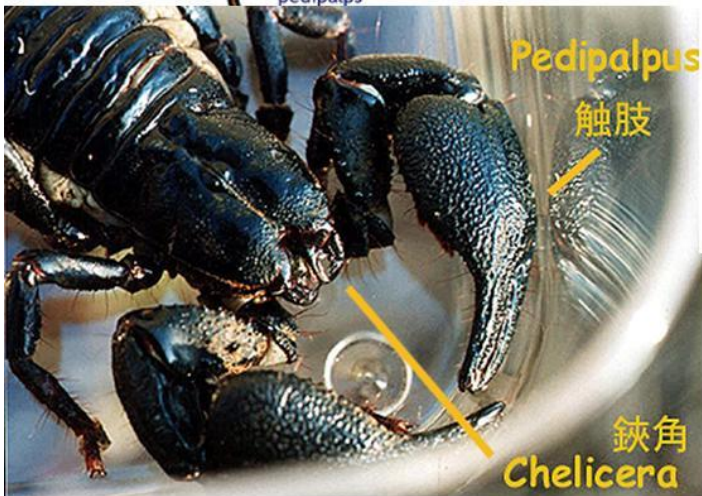
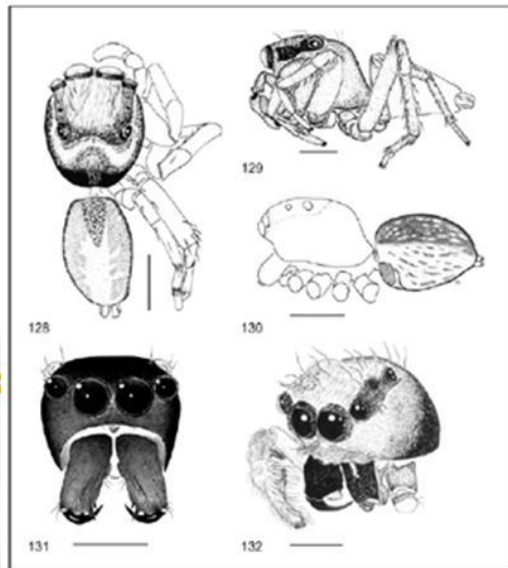
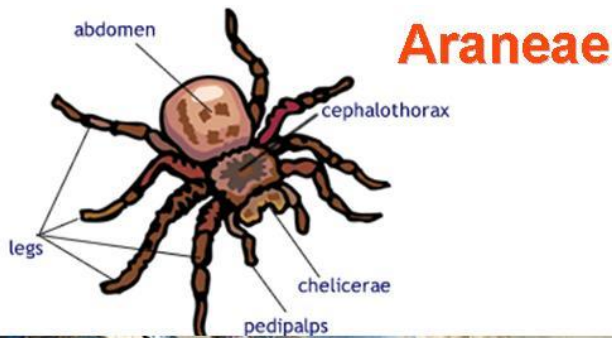


Preabdomen 7 segment, kuyruk 5 segment

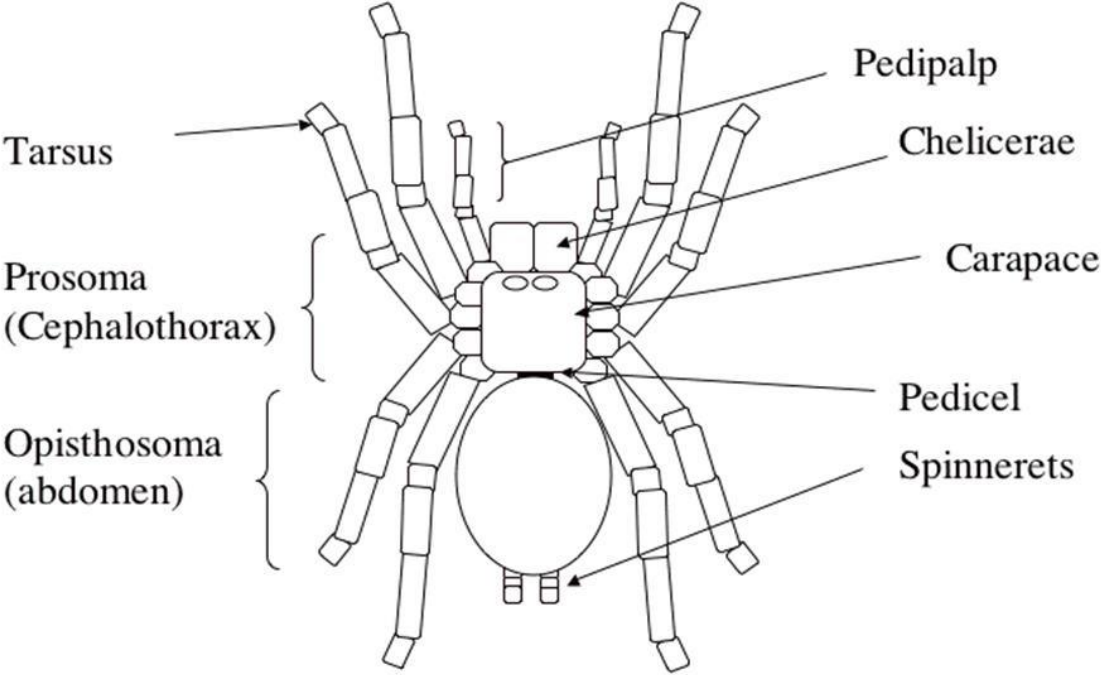
Class Arachnida:
Order **Scorpiones** scorpions



- Ancient form from Silurian Period (~425 m yrs BP)
- **Pedipalps** modified into pincers
- 1200 spp., all terrestrial: tropical, subtropical, desert; 1–18 cm long; predators that stun prey with stinging terminal segment of abdomen; give birth to live young



Spider Anatomy (Dorsal)



Böcek

Mandibula var

Baş, thorax, abdomen

Vücut segmentli

Anten var

Kanat var veya yok

Petek göz var

3 çift bacak var



Akar

Chelicera var

Prosoma (cephalothorax),
opisthosoma

Vücut segmentsiz

Anten yok

Kanat yok

Nokta göz var

Genellikle 4 çift bacak var

Örümcek

Prosoma, dar bir pedicel
ile opisthosoma'ya bağlıdır



Akar

Prosoma, opisthosoma ile
geniş olarak birleşmiştir

