

Isoptera

Common Name: Termites.

Etymology: Iso- = equal; -ptera = wing.

Metamorphosis: Hemimetabolous.

CHARACTERISTICS

Body: Small to medium-sized social insects; thinly sclerotized.

Head: Prognathous head; some castes with extreme modification in head capsule form.

Mouthparts: Ectognathous; chewing.

Eyes: Compound eyes present in all winged forms; present or absent in apterous forms; 0 or 2 ocelli.

Antennae: Short, moniliform or filiform, usually 10-30-segmented.

Wings: Alate forms with long membranous similar wings; heavy anterior longitudinal veins and no crossveins; carried flat over the back at rest; shed by breakage along a fracture line.

Legs: Short, similar; well-developed coxae; 4-5 segmented tarsi; paired tarsal claws.

Abdomen: Genitalia lacking or weakly developed; cerci short.

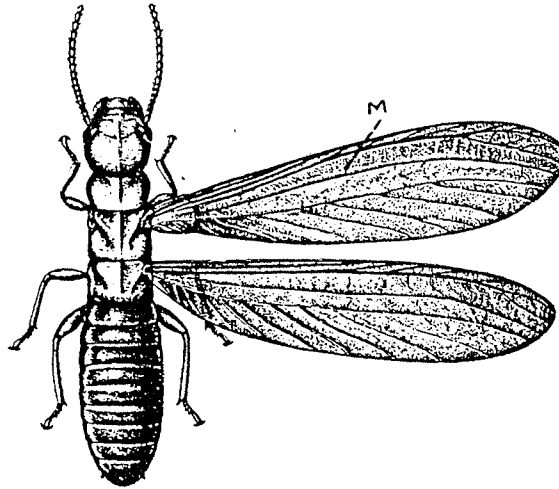
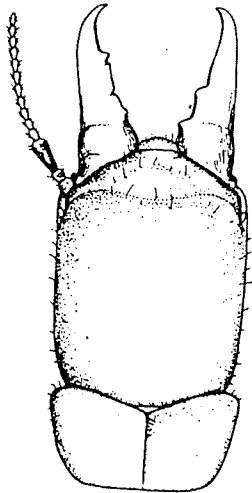
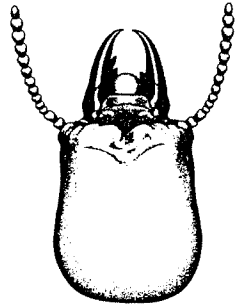
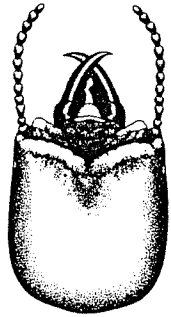
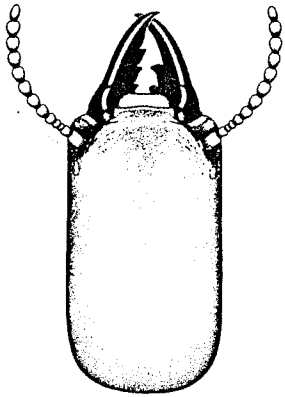
Comments: Termites are a very primitive order of orthopteroid insects, most closely related to cockroaches. All termites are social insects and generally have 2 to several castes made up of both sexes.

FAMILIES

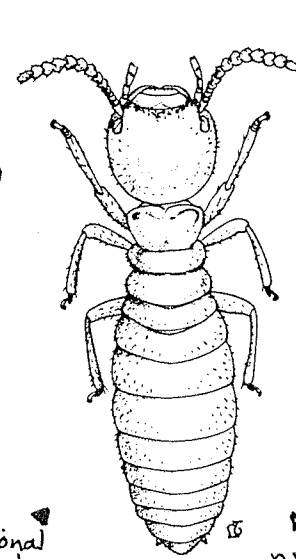
Kalotermitidae: drywood, dampwood, and powderpost termites. Fontanelle absent in all castes; wings with 3 or more thickened or heavy longitudinal veins along costal margin; radial vein usually with 1 or more anterior branches.

Rhinotermitidae: dampwood termites. Fontanelle present; wings with only 2 thickened or heavy longitudinal veins along costal margin; radial vein usually without anterior branches. Includes the common subterranean termite, *Reticulitermes flavipes*, and a recent introduced pest, the formosan termite, *Coptotermes formosanus*.

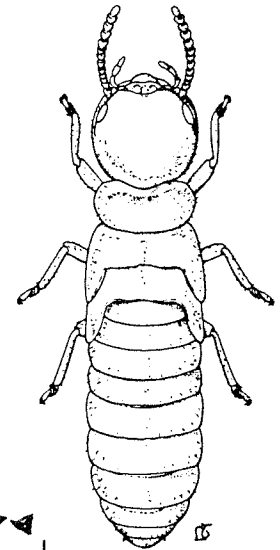
Isoptera
Family Kalotermitidae
Powderpost and Drywood termites



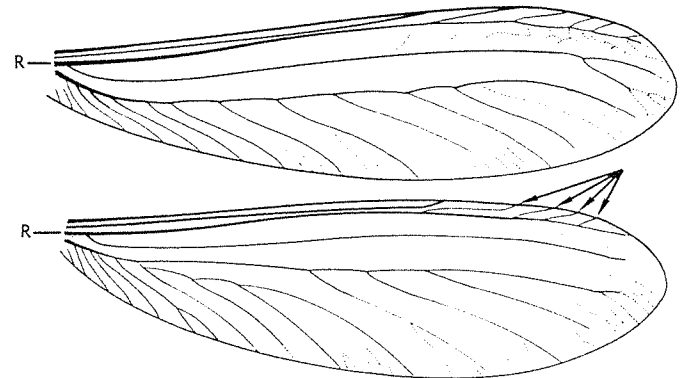
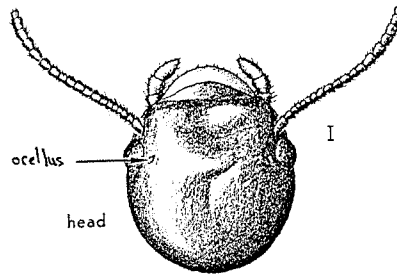
Incisitermes minor



functional worker

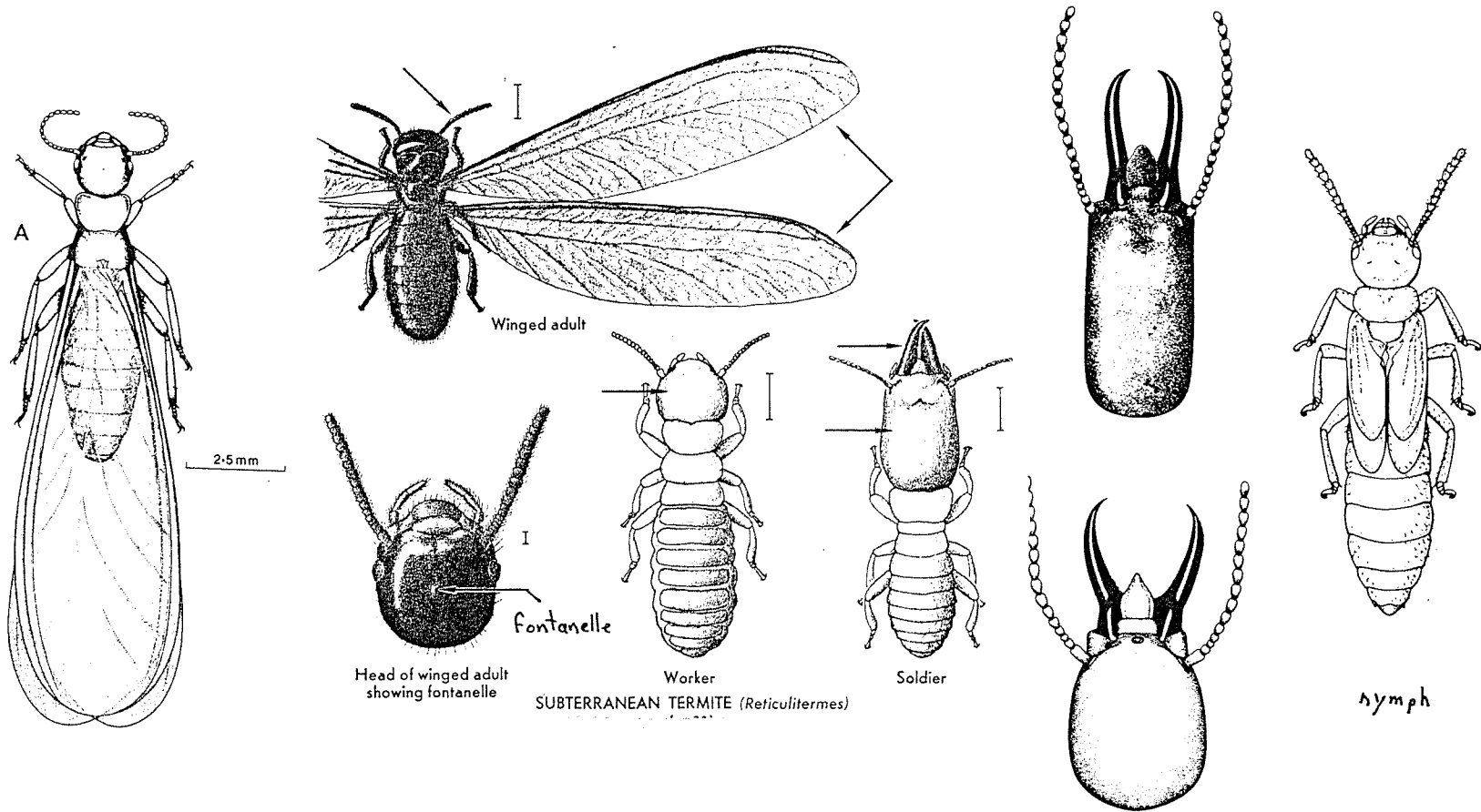


nymphs



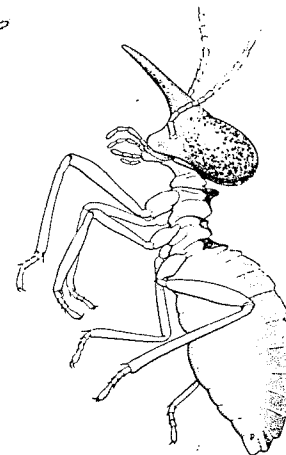
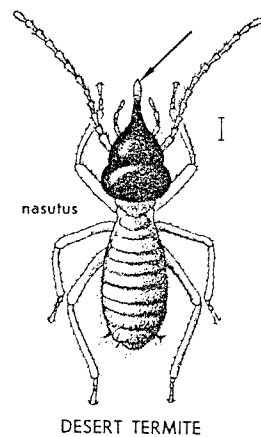
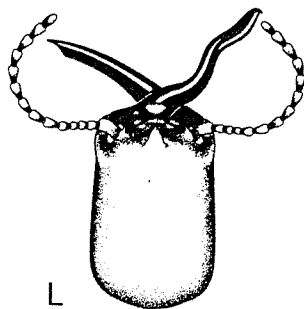
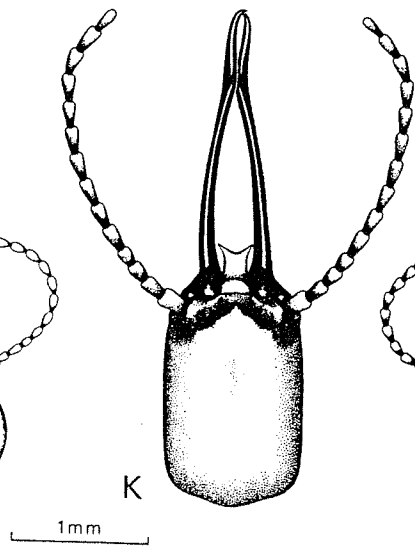
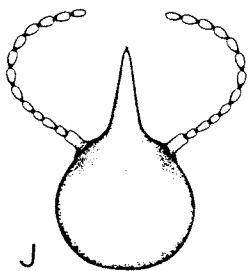
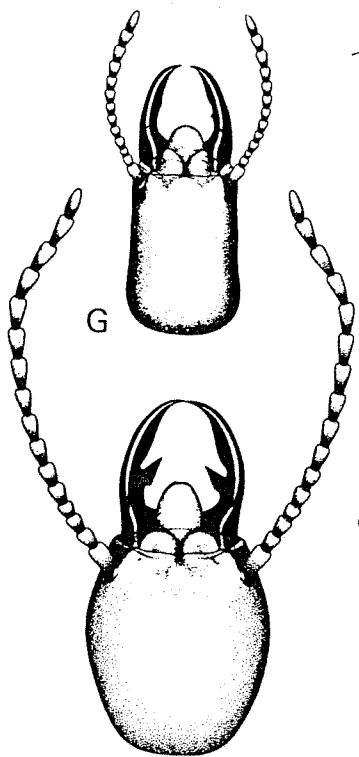
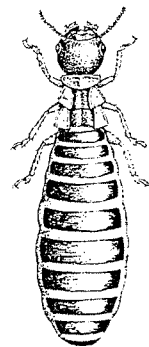
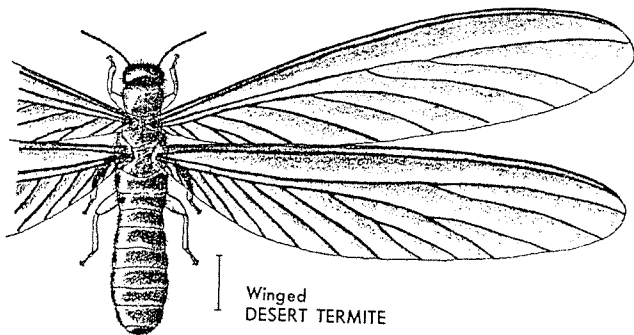
DRY-WOOD TERMITE

Isoptera
Family Rhinotermitidae
Subterranean and Dampwood termites



Isoptera
Family Termitidae
Soldierless and Desert termites

TERMITE CASTES



Isoptera
Family Hodotermitidae
Dampwood termites

