

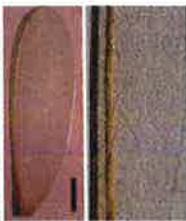
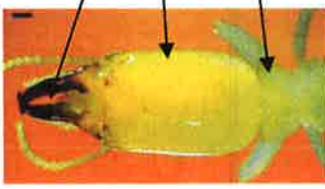
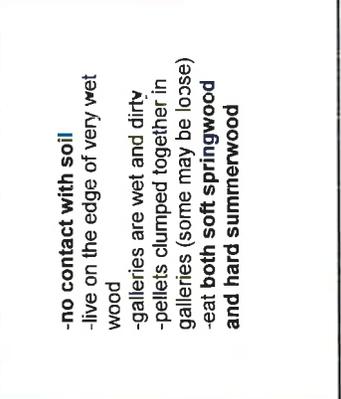
BEETLE NAME	HOLE SIZE	SEASONED WOOD EATEN	APPEARANCE OF GALLERY & FRASS	DIGEST CELLULOSE	LIFE CYCLE	ADULT/LARVA	OTHER
L ycine							
A nobiid							
B ostrichid							
O ld House Borer							

BEETLE NAME	HOLE SIZE	SEASONED WOOD EATEN	APPEARANCE OF GALLERY & FRASS	DIGEST CELLULOSE	LIFE CYCLE	ADULT/LARVA	OTHER
L ycetine True Powder Post Beetle	1 - 2 mm 1/32 - 1/8	Hard wood only	very fine talc-like powder high starch - do not digest cellulose	No	1 yr or less	 Adult 3-5 mm	Lay eggs in the pores of hardwoods
A nobiid Furniture Beetle Death Watch Beetle	2 - 3 mm 1/16 - 1/6	Both soft and hard	bun-shaped pellets in frass gritty texture to the frass	Yes	2 - 5 yrs	 Adult 4-6 mm	saw-like antennae Lay eggs in cracks and crevices
B ostrichid False Powder Post Beetle	> 3 mm 1/16 - 5/16	Both hard and soft	Frass is coarser, meal-like no pellets	No	2 - 5 yrs	 Adult 3-6 mm	
O ld House Borer	6 - 15 mm 1/4 - 3/8 oval	Soft wood only	extensive damage pellets in frass oval-shaped exit holes	Yes	2 - 10 yrs or more	 Adult 15-25 mm  Larva has groove front of head	

TERMITE IDENTIFICATION CHART

		SUBTERRANEAN TERMITES		NON-SUBTERRANEAN TERMITES	
		Native Subterranean	Formosan	Drywood Termite	Dampwood Termite
Alates Swarmers Primary Reproductives	Eastern and Dark Southeastern Light Southeastern				
SOLDIERS				Drywood West Indian (Powderpost Termite)	
DAMAGE Wood Eaten Where they live					

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		SUBTERRANEAN TERMITES		NON-SUBTERRANEAN TERMITES	
		Native Subterranean	Formosan	Drywood Termite	Dampwood Termite
Alates Swarms Primary Reproductives	<p>Eastern and Dark Southeastern</p> <ul style="list-style-type: none"> -2 veins -no cross veins -body dark black-dark brown  <p>Light Southeastern</p> <ul style="list-style-type: none"> -body light tan 	<ul style="list-style-type: none"> -2 veins -no cross veins -body brownish -Hairy Wings!  	<ul style="list-style-type: none"> -3 veins -cross veins -body brown 	<ul style="list-style-type: none"> -4 veins -cross veins -body brown -Very large -Largest of all alates 	
SOLDIERS	<ul style="list-style-type: none"> -smooth mandibles (no teeth) -rectangular or oblong-shaped head -small pronotum 	<ul style="list-style-type: none"> -fontinelle gland secretes milky substance for defense -smooth mandibles -Oval shaped head -small pronotum 	<p>Drywood</p> <ul style="list-style-type: none"> -Teeth on mandibles -Enlarged 3rd segment on antenna -Large pronotum  <p>West Indian (Powderpost Termite)</p> <ul style="list-style-type: none"> -black head -low mandibles -flattened head 	<ul style="list-style-type: none"> -Teeth on mandibles -No enlarged 3rd segment on antenna -Large pronotum 	
DAMAGE Wood Eaten Where they live	<ul style="list-style-type: none"> -live in the soil -eat only soft springwood -eat with the grain -soil present  	<ul style="list-style-type: none"> -live in the soil -eat only soft springwood -eat with the grain -soil present -build above ground 'carton nests' from soil, chewed wood, and soil  	<ul style="list-style-type: none"> -no contact with soil -live in dry sound wood -eat both soft springwood and hard summerwood -eat with and across the grain -no soil present  	<ul style="list-style-type: none"> -no contact with soil -live on the edge of very wet wood -galleries are wet and dirty -pellets clumped together in galleries (some may be loose) -eat both soft springwood and hard summerwood 	

NON-REIFESTING INSECTS

<p>Ambrosia Beetle</p>		<ul style="list-style-type: none"> -do not eat wood -feed on ambrosia fungus -fungus stains the galleries and openings -no control necessary
<p>Bark Beetle</p>		<ul style="list-style-type: none"> -engraving or etching beetle -unseasoned wood only leaves 'etching' on the surface of tree just under the bark no control necessary
<p>Flat Header Borer</p>		<ul style="list-style-type: none"> -Adult is Buprestid beetle -Long life cycle -unseasoned wood only
<p>Carpenter Bee</p>		<ul style="list-style-type: none"> -feeds on pollen -shiny abdomen -does not eat wood

