

Table 1**Chitin Content of Selected Crustacean, Insects, Molluscan Organs, and Fungi.**

Type	Chitin content (%)	Type	Chitin content (%)
<u>Crustacean</u>			
Cancer (crab)	72.1 ^c	Insects (continued) Pieris (Sulfur butterfly)	64.0 ^c
Carcinus (crab)	64.2 ^b	Bombyx (Silk worm)	44.2 ^c
Paralithodes (King crab)	35.0 ^b	Calleria (Wax worm)	33.7 ^c
Callinectes (blue crab)	14.0 ^a	<u>Molluscan Organs</u>	
Crangon (Shrimp)	69.1 ^c	Clamshell	6.1
Alasakan shrimp	28.0 ^d	Oyster shell	3.6
Nephrops (lobster)	69.8 ^c	Squid, Skeletal pen	41.0
Homarus (lobster)	60 – 75 ^c	Krill, deproteinized shell	40.2
Lepas (barnacles)	58.3 ^c		
<u>Insects</u>		<u>Fungi</u>	
Periplaneta (cockroach)	2.0 ^d	<i>Aspergillus niger</i>	42.0 ^e
Blatella (cockroach)	18.4 ^c	<i>Penicillium notatum</i>	18.5 ^e
Colcoptera (beetle)	27-35 ^c	<i>Penicillium chrysogenum</i>	20.1 ^e
Diptera (truefly)	54.8 ^c	<i>Saccharomyces cereviseae</i>	2.9 ^e
		<i>Mucor rouxii</i>	44.5
		<i>Lactarius vellereus</i> (mushroom)	19.0

a. Wet body weight, b. Dry body weight, c. Organic weight of cuticle

b. Total dry weight of cuticle, e. Dry weight of the cell wall.