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Online Minimarket Software Free Download References Category:Download managers Category:Windows-only software Category:Windows-only freeware Category:Windows-only software stubs Category:2010 softwareThe Pb<sup>2+</sup>-induced hydrolysis of dipalmitoylphosphatidylcholine liposomes with multilamellar and unilamellar components. The Pb<sup>2+</sup>-induced hydrolysis of dipalmitoylphosphatidylcholine liposomes containing multilamellar or unilamellar liposomes was studied by measuring the changes in size distribution and polydispersity of the liposomes as determined by dynamic light scattering. The multilamellar liposomes were stabilized by coating the liposome surface with an alkyl chain polyoxyethylene ether. The multilamellar liposomes showed different reactions in response to the same external Pb<sup>2+</sup> concentration, as compared to those of the unilamellar liposomes. The unsaturated double bonds of the liposomal membranes were also hydrolyzed by Pb<sup>2+</sup> at the same rate. These results are interpreted as suggesting that Pb<sup>2+</sup> interacts with the unsaturated double bonds of the liposomal membranes through the hydrophobic interaction, and the hydrolysis rate of the liposomes is controlled by the number of membrane-penetrating unsaturated double bonds, which might be larger in the case of multilamellar liposomes, when the penetration is affected by the lipid surface film of the neighboring bilayers. Calochromes--colour-tuned ommatidium in the ocellar complex of the desert locust (*Schistocerca gregaria*). We have studied the colour vision and morphology of the ocellar complex in male and female *Schistocerca gregaria*. In our experiments, the ocellar complex of the desert locust was able to discriminate between ultraviolet and infra-red stimuli. The ocellar complex could therefore be considered a third type of compound eye besides the small rhabdomeric and the large rhabdomeric ocelli. The size of the rhabdomeric pigment cells was found to be significantly larger in males than in females. There was no difference in the size of the pigments between the sexes in the large rhabdomeric o

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