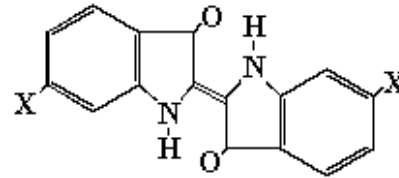
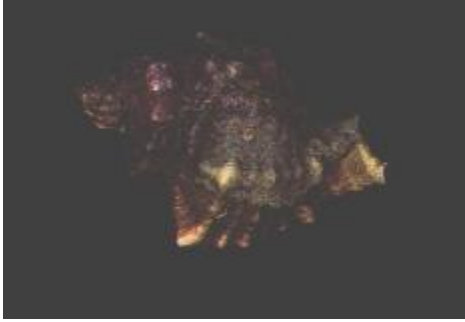


7. Murex with marine fouling giving blue hue

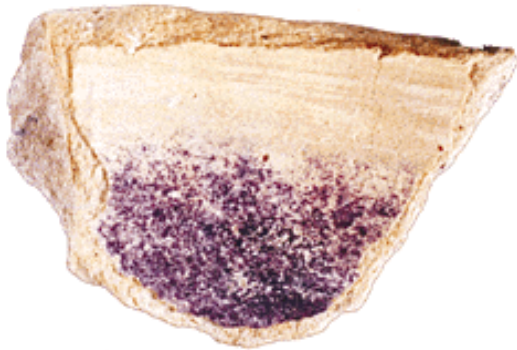


X=Br, dibromoindigo
X=H, indigo

8. Coin of tyre -



9. Shard from Tel Shikmona w/ purple murex dye -



10. Indigoid plant - for kala ilan



11. Indigo & dibromoindigo molecule (indigo molecule same for murex produced blue dye and plant produced indigo)

12. P'til Tekhelet factory in Kfar Adumim



13. Methods of tying - 1) Radziner; 2) one understanding of the Rambam; 3) Vilna Gaon; 4) Chinuch; 5) Rav Natronai Gaon; 6) Rav Amram Gaon; 7) Rambam
(Note that number of blue strings is separate machlokes Rambam 1 string out of 8, Raavad 2 strings out of 8, Tosafos 4 strings out of 8 (all after folding))



(Pictures taken from www.tekhelet.com, the Royal Purple and the Biblical Blue, and miscellaneous Internet sources - crshulman@aol.com - 8/11/2003)