Towards curled embryos: Caryophyllid seeds

DQ Fuller 8.iii.2007

*Denotes nodes with 50-80% bootstrap support; Unmarked branches have >80% support; [1] & [3] 50-80% bootstrap support in matK tree only; [2] not recognized at all in matK tree only; [4] no molecular support.

Caryophyllales phylogeny from:
http://www.mobot.org/MOBOT/Research/APweb/welcome.html

Caryophyllid Seed Evolution

Illustrations from Martin (1945) or Maout & Decaisne (1873)

Caryophyllales phylogeny from:
http://www.mobot.org/MOBOT/Research/APweb/welcome.html

There are direct links from all terminal taxa and all internal nodes to the relevant location in the text.