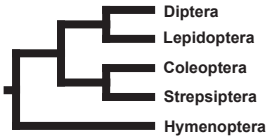
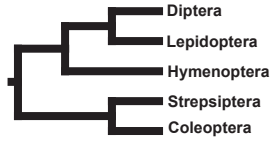
HOLOMETABOLA

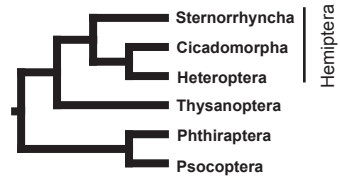


[14] McKenna & Farrell 2010 - *Nuclear data*
[13] Longhorn et al 2010 - *Nuclear data*
[11] Wiegmann et al 2009 - *Nuclear data*
[79] Friedrich & Beutel 2010 - *Morphological data (parsimony analysis)*
[80] Beutel et al 2010 - *Morphological data (not recovering Mecopterida)*
[9] Savard et al 2006 - *Nuclear data (not including Strepsiptera)*
[12] Krauss et al 2008 - *Nuclear data (not including Strepsiptera)*
[8] Zdobnov and Bork 2007 - *Nuclear data (not including Strepsiptera)*
[68] Kukalova-Peck 1993- *Morphological data (not including Diptera and Lepidoptera)*
[69] Whiting 2002 - *Nuclear data (disagreeing in Strepsiptera position, which is proposed as Diptera's sister)*



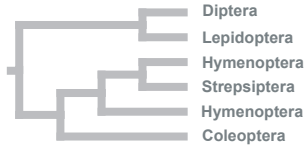
[83] Boudreaux 1979 - *Morphological data*
[84] Beutel & Gorb 2001 - *Morphological data*
[77] Bonneton et al 2006 - *Nuclear data*
[85] Krenn 2007 - *Morphological data*
[79] Friedrich & Beutel 2010 - *Morphological data (bayesian analysis)*
[3] Kristensen 1999 - *Morphological data (not resolving Strepsiptera position)*
[102] Hennig et al 1981 - *Morphological data (not resolving Hymenoptera position)*
[35] Kjer 2004 - *Nuclear data (not including Strepsiptera and not resolving Diptera position)*
[5] Wheeler et al 2001 & **[4] Whiting et al 1997 -** *Nuclear and morphological data (disagreeing in Strepsiptera position, which is proposed as Diptera's sister)*

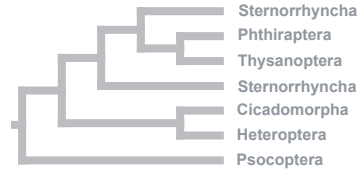
PARANEOPTERA



[89] Grimaldi & Engel 2005 - *Morphological data (not resolving Hemiptera tricotomy)*
[5] Wheeler et al 2001 - *Nuclear and morphological data (not including Sternorrhyncha and joining Thysanoptera-Psocodea)*
[35] Kjer 2004 - *Nuclear data (not including Thysanoptera and Sternorrhycnha)*

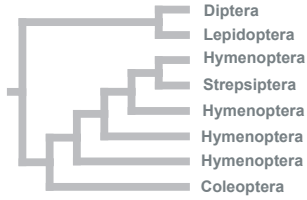
ML (Protein)
(MtRev and MtArt)

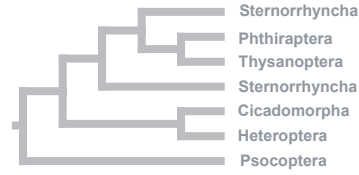




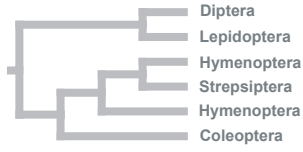
ML-CAT (Protein)
(C20 and C60)

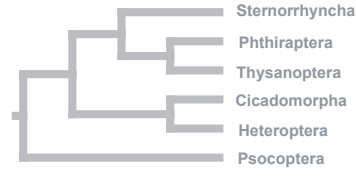
BI (Protein)



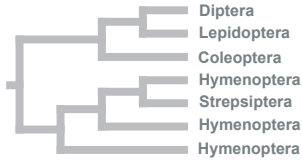


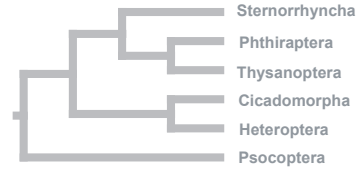
BI (DNA 1st and 2nd position)



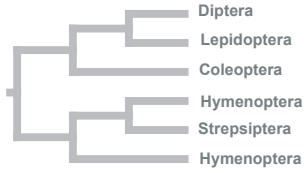


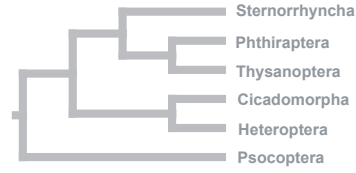
BI (DNA 1st and 2nd position + RNA)



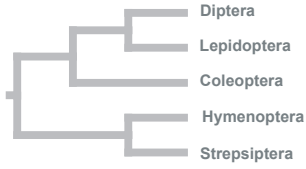


BI (DNA + RNA site specific rate model)





BI - CAT model (DNA)



BI - CAT model (Protein)