```
...
*** Plot Events
    :PROPERTIES:...
#+name: dated-events-plot
#+header: :var bcal=fig-1
#+header: :file blank.pdf
#+header: :var base.font = 11
#+header: :var xlabel = "Calendar Year AD"
#+header: :var ylabel = "Probability"
#+header: :var theme = "bw"
#+header: :width 6 :height 3
#+begin_src R :results output graphics
  library(ggplot2)
  bcal.df <- data.frame(cal.BP=numeric(0),Posterior.probability=numeric(0),label=charac→
  for (i in seq(dim(bcal)[1]))
    {
      t <- read.csv(file=bcal[i,1])
      t <- cbind(t,label=rep(bcal[i,2], dim(t)[1]))
      bcal.df <- rbind(bcal.df,t)
    }
  switch(theme,
         bw =, BW = theme_set(theme_bw(base_size=base.font)),
         grey =, gray = theme_set(theme_grey(base_size=base.font)),
         theme_set(theme_bw(base_size=base.font)))
  g <-  ggplot(bcal.df, aes(x=1950 + cal.BP, y=Posterior.probability))
  g + geom_bar(stat='identity') + xlab(xlabel) +
  ylab(ylabel) + facet_wrap(~ label)
#+end_src

*** Input Tables

These are input tables for the plotting routines.  The first column is
the name of a file produced by the BCal software package.  The second
column is the annotation that appears at the top of the plot of those
data.

#+tblname: fig-1
| alpha-post-no-rat.csv   | Flora           |
| alpha-post-with-rat.csv | Flora and fauna |
```