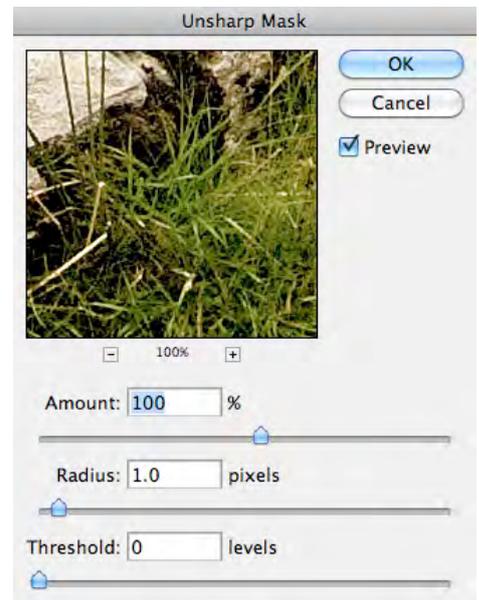


## SHARPENING WITH UNSHARP MASK

### A. Unsharp mask option

1. Open image and then duplicate it (ctrl+J).
2. Select Enhance / unsharp mask (elements) or Filter / sharpen / unsharp mask (photoshop).
3. Adjust as follows:
  - Amount: 100% - increases contrast on the edges. The more you increase it the lighter the light pixels get and the darker the dark pixels get
  - Radius: 1.0 – determines size of the edge, lower settings will enhance finer detail
  - Threshold: 0 - Controls tone levels of brightness, 0 = all tones brightened, 20 = only tones 20 levels of brightness apart are sharpened. Useful for sharpening high contrast areas (e.g. dark hair) without affecting low contrast areas (e.g. skin)
4. Press the mouse on the preview pane to see removal of the effect then re-adjust sliders accordingly.
5. There are two ways of removing sharpening from unwanted areas of the image – layer mask and eraser. Eraser will be covered in B and Layer mask in C.



### B. Eraser Tool

1. Rename the Layer 1 to Sharpened.
2. Duplicate layer (ctrl+J).
3. Use eraser tool and erase areas not required (ctrl+square bkts to change size).
4. Save as TIF file to keep layers else flatten image, save as jpg.

### C. Layer Mask



1. Click the Add Layer mask icon then pick a soft edged brush of 300px.
2. Ensure Black is the foreground colour (hit D then X) and paint over the sky and areas to remove sharpening.
3. If you overdo it, hit X to change to white and repaint over to restore. Hit X again to continue.
4. Save as TIF file to keep layers, else flatten image, save as jpg.



### D. Crop and border

1. Crop image tool & set size and resolution, then crop using perspective if required.
2. To place border around the image double click layer, select stroke, change position to inside, pixels to 3 or 4. Change colour as required. For elements 9 or 10 select edit / stroke.

