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A skin pigment compound that also functions as "sunglasses" for birds

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We have discovered a compound that serves as a UV-filter in bird eyes. **However, we have temporarily withdrawn the manuscript, for two technical reasons.**

1. We will be performing some additional experiments to verify the identity of the focus compound. Essentially, we want to rule out the possibility that the compound which produces the mass spectra (Figure 5, see previous versions) is another compound than that which produces the LC-UV peak/emissions spectra in Figures 1, 2, 3 and 7. This can occur if two compounds co-elute, with one containing a chromophore and is not MS-visible, and the other is MS visible but does not contain a chromophore. This would be a rare event, but we will nonetheless look into this using e.g. orthogonal separation principles, e.g. hydrophilic interaction liquid chromatography and reversed phased liquid chromatography.
2. We wish to perform some more experiments with reference standards, to further compare retention times and MS spectra with the endogenous analyte. It is possible that we may need to synthesize such materials ourselves, considering the rather low purity of reference materials obtained/investigated earlier. Such experiments will help us confirm the identity of the analyte with greater confidence.

While we are performing these additional experiments, we request that the manuscript is not to be cited.