

Fig.	Page No.	Type of work:	Name of work-(10-4-17)	Adapted	Source of work	Copyright holder and contact	permission requested on	I have permission yes /no	Permission note
1.2		photo	Photographs of <i>Pollia condensata</i> fruits	n	S. Vignolini, et al “Pointillist structural color in <i>Pollia</i> fruit,” (Figure 1) 10.1073/pnas.1210105109	Proc. Natl. Acad. Sci., vol. 109, no. 39, pp. 15712–15715, 2012.		Y	
3.2		SEM/photo	SEM/image beetle with diffraction grating	n	Gold bugs and beyond: a review of iridescence and structural colour mechanisms in beetles (Coleoptera) (Figure 9bc) doi:10.1098/rsif.2008.0354.focus	J. R. Soc. Interface (2009) 6, S165–S184		Y	
3.5		SEM/photo	Photograph of a <i>Chrysochroa fulgidissima</i> beetle with a 5mm scale bar, with TEM	n	Polarized iridescence of the multilayered elytra of the Japanese jewel beetle, <i>Chrysochroa fulgidissima</i> (Figure 3a and 8ab) doi:10.1098/rstb.2010.0197	Phil. Trans. R. Soc. B (2011) 366, 709–723		Y	
3.6		Photo	Circularly polarising signal in the stomatopod crustacean <i>Odontodactylus cultrifer</i>	n	Circular Polarization Vision in a Stomatopod Crustacean (Figure 1abc) 10.1016/j.cub.2008.02.066	Current Biology Vol 18 No 6 429-34		y	
3.7		Microscope image	Polarized reflection from the <i>Pollia condensata</i> fruit	n	Pointillist structural color in <i>Pollia</i> fruit (Figure 3ab) 10.1073/pnas.1210105109	15712–15715 PNAS September 25, 2012 vol. 109 no. 39		Y	
3.8		Photo/TEM	Photograph of a juvenile (blue) and adult (green) leaf of <i>Danaea nodosa</i>	y	Nature’s Palette - The Science of Plant Color- Lee, David W, 9780226470528	The University of Chicago Press		Y	
3.9		TEM	TEM image through a micro mirror on a <i>Papilio palinurus</i>	n	Colour mixing in wing scales of a butterfly 10.1038/35006561 Figure 1a	NATURE VOL 404 30 MARCH 2000 www.nature.com		Y	
3.10		Image/diagram	Confocal pseudo-2D micrographs of <i>Papilio palinurus</i>	n	Biomimicry of optical microstructures of <i>Papilio palinurus</i> 10.1209/0295-5075/93/14001	EPL, 93 (2011) 14001		Y	

3.11		Photo/microscope/SEM	L. augustus	n	Discovery of a diamond-based photonic crystal structure in beetle scales 10.1103/PhysRevE.77.050904	PHYSICAL REVIEW E 77, 050904(R) (2008) RAPID		y	
3.12		Photo/SEM	Cyphochilus and Lepidiota stigma beetles	n	Bright-White Beetle Scales Optimise Multiple Scattering of Light 10.1038/srep06075	SCIENTIFIC REPORTS 4 : 6075		y	CC 4.0
3.13a		Photo	Bluerump mandrill	n	https://commons.wikimedia.org/wiki/File:Mandrill_at_san_francisco_zoo.jpg	Brian Michelsen	freetouse	y	CC 3.0
3.13b		photo	Vervet monkey	n	https://commons.wikimedia.org/wiki/File:Chlorocebus-pygerythrus-private-parts.JPG	Bjørn Christian Tørrissen	Freetouse	y	CC 3.0
3.14		TEM	Vervet/mandrill skin	n	Structural colouration of mammalian skin: convergent evolution of coherently scattering dermal collagen arrays (Figure 4ce) 10.1242/jeb.00989	The Journal of Experimental Biology 207, 2157-2172		Y	
3.15		photo	Enallagma civile dragonfly	n	https://commons.wikimedia.org/wiki/File:Familiar_Bluet_(Enallagma_civile)_15083515581.jpg	Andrew C	Freetouse	Y	CC 3.0
3.16		TEM	TEMs of the structure of the familiar bluet, Enallagma civile	n	Blue integumentary structural colours in dragonflies (Odonata) are not produced by incoherent Tyndall scattering (Figure 3A D). 10.1242/jeb.01240	The Journal of Experimental Biology 207, 3999-4009		Y	
3.17		SEM	SEM of Heikertingerella sp. and Mychocerus sp.	n	Gold bugs and beyond: a review of iridescence and structural colour mechanisms in beetles (Coleoptera) 10.1098/rsif.2008.0354.focus	J. R. Soc. Interface 2009 6		Y	
3.18		Diagram	Diagram of cephalopod skin	n	Biological versus electronic adaptive coloration: how can one inform the other? (Figure 4) 10.1098/rsif.2012.0601	J R Soc Interface 10: 20120601.		Y	
3.19		Diagram/photo	Diagram of the porous male Hoplia coerulea beetle	y	Liquid-induced colour change in a beetle: the concept of a photonic cell 10.1038/srep19322	SCIENTIFIC REPORTS 6:19322		Y	CC 4.0

3.20		Photo	Photo Panamanian tortoise beetle	n	Switchable reflector in the Panamanian tortoise beetle <i>Charidotella egregia</i> (Chrysomelidae: Cassidinae) 10.1103/PhysRevE.76.031907	PHYSICAL REVIEW E 76, 031907 (2007)		Y	
3.21		Photos	Photo Chameleon grasshopper	n	Turn the temperature to turquoise: Cues for colour change in the male chameleon grasshopper (<i>Kosciuscola tristis</i>) (Orthoptera: Acrididae) 10.1016/j.jinsphys.2011.05.010	Journal of Insect Physiology 57 (2011) 1198–1204		Y	
3.22		diagram	Diagram of the carpace of the chameleon grasshopper	n	A temperature-controlled physiological colour response in the grasshopper <i>Kosciuscola Tristis</i> Sjost. (Orthoptera: Acrididae) 10.1071/ZO9540309	Australian Journal of Zoology. (1954). 2:3		Y	
3.24		TEM	TEM images Bouligand planes of <i>Chrysina boucardi</i>	y	Circularly polarized colour reflection from helicoidal structures in the beetle <i>Plusiotis boucardi</i> 10.1088/1367-2630/9/4/099	New Journal of Physics 9 (2007) 99		Y	CC 3.0
3.26		Electron micrograph	Electron micrograph of <i>Chrysina resplendens</i>	n	Cuticle Reflectivity and Optical Activity in Scarab Beetles: The Role of Uric Acid 10.1098/rspb.1971.0062	Proc. R. Soc. Lond. B 1971 178		Y	
3.27		Contour plot	<i>Cetonia aurata</i> contour plot	n	An Investigation of the Polarizing Properties and Structural Characteristics in the Cuticles of the Scarab Beetles <i>Chrysina gloriosa</i> and <i>Cetonia aurata</i>	MSc Thesis Lía Fernández del Río LiTH-IFM-A-EX-12/2687-SE		Y	
3.28		Contour plot	<i>Chrysina macropus</i> Contour plot	n	BSc Thesis - An Investigation of the Polarization States of Light Reflected from Scarab Beetles of the <i>Chrysina</i> Genus	Lía Fernández del Río LiTH-IFM-G-EX-11/2564-SE		Y	
3.29		Contour plot	<i>Chrysina chrysargyrea</i> Contour plot	n	ditto	Ditto		Y	

3.30		Contour plot	Chrysina resplendens contour plot	n	ditto	ditto		Y	
3.32		Microscope image/analysis	Voroi analysis chrysina gloriosa	n	Bouligand Structures Underlie Circularly Polarized Iridescence of Scarab Beetles: A Closer View 10.1016/j.matpr.2014.09.019	Materials Today: Proceedings 1S (2014) 161 – 171 Living		Y	
3.33		SEM	SEM polygon cross section	n	Multiwavelength micromirrors in the cuticle of scarab beetle Chrysina gloriosa 10.1016/j.actbio.2016.11.033	Acta Biomaterialia 48 (2017) 357–367		Y	
3.34		Microscope image	surfaces of a Chrysina aurigans and Chrysina aurora	n	Qualitative correlation between structural chirality through the cuticle of Chrysina aurigans scarabs and left-handed circular polarization of the reflected light 10.1364/OME.4.002632	1 December 2014 Vol. 4, No. 12 OPTICAL MATERIALS EXPRESS		Y	USE QUOTED TEXT
3.36		SEM	SEM of a blazed grating structure Mycterophallus sp	n	Dual Structural Color Mechanisms in a Scarab Beetle 10.1002/jmor.10870	JOURNAL OF MORPHOLOGY 271:1300–1305 (2010)		Y	
3.37		graph	Efficiency of S and P polarised on a blazed grating	n	Grating efficiency theory as it applies to blazed and holographic gratings 10.1364/AO.16.002711	October 1977 / Vol. 16, No. 10 /APPLIED OPTICS		Y	USE QUOTED TEXT
3.38		Photos	Chromatogenesis of Cetonia aurata	n	Insectes-net.fr	Andre Lequet-email	18-12-16	yes	
3.39		Diagram	Beetle's cuticle structure	n	Colours and Metallic Sheen in Beetle Shells — A Biomimetic Search for Material Structuring Principles Causing Light Interference, 10.1002/adem.200700346	Adv. Eng. Mater., vol. 10, no. 4, pp. 299–314, Apr. 2008		Y	
3.40		Graph	Pitch variation Chrysina aurigans and Chrysina chrysargyrea	n	Light Reflection by Cuticles of Chrysina Jewel Scarabs: Optical Measurements, Morphology Characterization, and Theoretical Modelling 10.4236/opj.2016.67017	Optics and Photonics Journal, 2016, 6, 146-163		Y	CC 4.0

3.41a		Diagram	Twisted columnar structural form of a chiral sculptured thin film	n	Natural and Nanoengineered Chiral Reflectors: Structural Color of Manuka Beetles and Titania Coatings 10.1080/02726340590957399	Electromagnetics, 25:5, 391-408		Y	Taylor & Francis is pleased to offer reuses of its content for a thesis or dissertation free of charge contingent on resubmission of permission request if work is published.
3.41b		SEM	SEM of magnesium fluoride on glass substrate	n	Chiral sculptured thin films 10.1038/384616a0	Nature, 1996, 384, 6610, 616		Y	
3.42		photo	Titania chiral sculpted thin films	n	Natural and Nanoengineered Chiral Reflectors: Structural Color of Manuka Beetles and Titania Coatings 10.1080/02726340590957399	Electromagnetics, 25:5, 391-408		Y	Taylor & Francis is pleased to offer reuses of its content for a thesis or dissertation free of charge contingent on resubmission of permission request if work is published.
3.43		diagram	Diagram of the eye of the Odontodactylus	n	Circular Polarization Vision in a Stomatopod Crustacean Current Biology 10.1016/j.cub.2008.02.066	Vol 18 No 6 430		Y	
3.55		PHOTO	Photograph of a Pyronota festiva beetle	N	MAF Plant Health & Environmental Laboratory, "Manuka Beetle (Pyronota festiva)," 2011. [Online]	http://www.padil.gov.au/maf-border/pest/main/140414/30082		Y	CC 3.0
3.57		photo	Ceratocanthus vicarius	n	<i>Ceratocanthus vicarius</i> , in a) dorsal and b) lateral views	http://virtualcollections.natural-sciences.be/virtual-collections/entomology/coleoptera/ceratocanthidae/ceratocanthus-vicarius		Y	CC 4.0
4.25	-	photo	Photo of colour variation Gnorimus nobilis	n	http://r.a.r.e.free.fr/interactif/photos%20cetoniidae/index.htm	Serge Peslier-email	18-12-16	yes	
4.41		photos	Photographs of a) Chrysina cunninghami, c) Chrysina moroni and c) Chrysina purulhensis	n	K Robacker	email		yes	
5. 2		diagram		y	Birefringent Thin Films and Polarizing Elements: 2nd Edition	Imperial College Press/M McCall		Y	

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