

Materials List for:

Probing the Limits of Egg Recognition Using Egg Rejection Experiments Along Phenotypic Gradients

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Materials

Name	Company	Catalog Number	Comments
Replicator Mini +	Makerbot		
Professional Acrylic Paint Cobalt Turquoise Light	Winsor & Newton	28382	
Professional Acrylic Paint Titanium White	Winsor & Newton	28489	
Professional Acrylic Paint Cobalt Green	Winsor & Newton	28381	
Professional Acrylic Paint Cobalt Turquoise	Winsor & Newton	28449	
Professional Acrylic Paint Burnt Umber	Winsor & Newton	28433	
Professional Acrylic Paint Red Iron Oxide	Winsor & Newton	28486	
Professional Acrylic Paint Cadmium Orange	Winsor & Newton	28437	
Professional Acrylic Paint Raw Umber Light	Winsor & Newton	28391	
Professional Acrylic Paint Yellow Ochre	Winsor & Newton	28491	
Professional Acrylic Paint Mars Black	Winsor & Newton	28460	
Paint Brush	Utrecht	206-FB	Filbert brush
Paint Brush	Utrecht	206-F	Flat brush
Hair Dryer	Oster	202	
Fiber optic cables	Ocean Optics Inc.	OCF-103813	1 m custom bifurcating fiber optic assembly with blue zip tube (PVDF), 3.8mm nominal OD jacketing and 2 legs
Spectrometer	Ocean Optics Inc.	Jaz	Spectrometer unit with a 50 um slit width, installed with a 200-850 nm detector (DET2B-200-850), and grating option # 2.
Battery and SD card module for spectrometer	Ocean Optics Inc.	Jaz-B	
Light source	Ocean Optics Inc.	Jaz-PX	A pulsed xenon light source
White standard	Ocean Optics Inc.	WS-1-SL	made from Spectralon

OHAUS Adventurer Pro Scale	OHAUS	AV114C	A precision microbalance
Gemini-20 portable scale	AWS	Gemini-20	A standard scale
Empty Aluminum Paint Tubes (22 ml)	Creative Mark	NA	
Telescopic mirror	SE	8014TM	
GPS	Garmin	Oregon 600	
220-grit sandpaper	3M	21220-SBP-15	very fine sandpaper
400-grit sandpaper	3M	20400-SBP-5	very fine sandpaper
color analysis software: 'pavo', an R package	for use in, <i>R: A language and environment for statistical computing</i>	v 1.3.1	https://cran.r-project.org/web/packages/pavo/index.html
UV clear transparent	Flock off!	UV-001	A transparent ultraviolet paint
Plastic sandwich bags	Ziploc		Regular plastic sandwich bags from Ziploc that can be purchased at the supermarket.
Kimwipes	Kimberly-Clark Professional	34120	11 x 21 cm kimwipes
Toothbrush	Colgate		Toothbrush