

Materials List for:

# Using the *FishSim* Animation Toolchain to Investigate Fish Behavior: A Case Study on Mate-Choice Copying In Sailfin Mollies

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## Materials

Name	Company	Catalog Number	Comments
<b>Hardware</b>			
2x 19" Belinea LCD displays	Belinea GmbH, Germany	Model 1970 S1-P	1280 x 1024 pixels resolution
1x 24" Fujitsu LCD display	Fujitsu Technology Solutions GmbH, Germany	Model B24-8 TS Pro	1920 x 1080 pixels resolution
Computer			Intel Core 2 Quad CPU Q9400 @ 2.66GHz x 4, GeForce GTX 750 Ti/ PCIe/SSE2, 7.8 GiB memory, 64-bit, 1TB; keyboard and mouse
SONY Playstation 3 Wireless Controller	Sony Computer Entertainment Inc., Japan	Model No. CECHZC2E	USB-cable for connection to computer
Glass aquarium			100 cm x 40 cm x 40 cm (L x H x W)
Plexiglass cylinder	custom-made		49.5 cm height, 0.5 cm thickness, 12 cm diameter; eight small holes (approx. 5 mm diameter) drilled close to the end of the cylinder lower the amount of water disturbance while releasing the fish
Gravel			
2x OSRAM L58W/965	OSRAM GmbH, Germany		Illumination of the experimental setup
2x Stopwatches			
Name	Company	Catalog Number	Comments
<b>Software</b>			
ubuntu 16.04 LTS			Computer operating system; Download from: <a href="https://www.ubuntu.com/">https://www.ubuntu.com/</a>
<i>FishSim</i> Animation Toolchain v.0.9			Software download and user manual (PDF) from: <a href="https://bitbucket.org/EZLS/fish_animation_toolchain">https://bitbucket.org/EZLS/fish_animation_toolchain</a>
GIMP Gnu Image Manipulation Program (version 2.8.22)			Download from: <a href="https://www.gimp.org/">https://www.gimp.org/</a>