

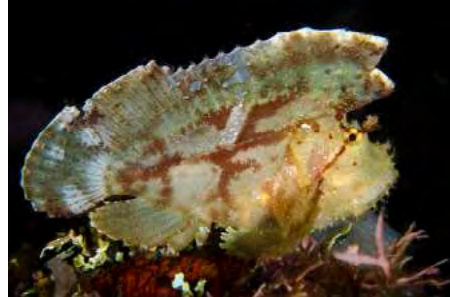
Tell Them Apart. Many fish look alike, hence the need for ID books. Some look similar as one of them is trying to mimic the other to gain benefits (eg a delicious flatworm mimicking a toxic nudibranch), or due to convergent evolution resulting in similar solutions to gain advantages over the other competing animals (eg bats and birds developing wings, which their common ancestor did not have). All these animals below are not just small variations in the genus (ie both the same genus, different species) – they are all different genera (plural of genus).

Which is the Leaf Scorpionfish?

© Colin Marshall / FLPA / Minden



Lembeh Straits, Sulawesi, Indonesia



Lembeh Straits, Sulawesi, Indonesia

© Colin Marshall / Biosphoto

Which is the Saddled Puffer?

© Colin Marshall / Ardea



Bali, Indonesia



Bali, Indonesia

© Colin Marshall / Ardea

Which is the Humphead Wrasse?

© Colin Marshall / Biosphoto



Raja Ampat, Indonesia



Bali, Indonesia

© Colin Marshall

Which is the Striped Fangblenny?

© Colin Marshall / Alamy



Lembeh Straits, Sulawesi, Indonesia



Lembeh Straits, Sulawesi, Indonesia

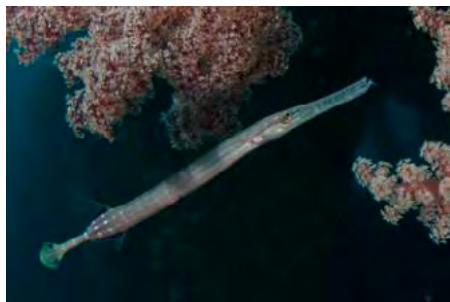
© Colin Marshall / Ardea

Which is the Trumpetfish?

© Colin Marshall / Ardea



Bali, Indonesia



Bali, Indonesia

© Colin Marshall / Alamy

Which is the Pearl-scaled Angelfish?

© Colin Marshall / nature in stock



Dili, East Timor



Bali, Indonesia

© Colin Marshall / FLPA / Minden

Kit for sale

If you're looking for a specific piece of kit, enter a keyword (e.g. flash, housing, Ikelite, etc.) to show only the adverts you want.

Search UWP adverts



FOR SALE – SET of Sea & Sea YS 250 PRO

SET of Sea & Sea YS 250 PRO, incl.diffusers and TCL ball mounts, 2x batteries, 2x chargers (EU and UK). 5-pin Dual Sync cord-1pc, 5-pin Sync Cord N-2pc, 2sets - Double Ball Arm L and M, YS-TTL Converter, spare ... [More >](#)



FOR SALE – Sea Frogs Panasonic GH5 housing, flat and dome port

Brand new and never taken underwater, 40 metre Sea Frogs (formerly Meikon) housing for the Panasonic GH5. Flat port for macro lenses and dome port for wide angle. No zoom or manual focus controls. Prefer sale in the UK and ... [More >](#)



FOR SALE – Aquatica Macro Port & 2 x Sea & Sea YS -120 Duo Strobes

Aquatica Macro Port (Manual & Autofocus) for any DSLR Aquatica housing with the 4 lugs bayonet fitting. £180. Sea & Sea YS -120 Duo Strobes with instructions & one Diffuser they are in good used condition and in full working ... [More >](#)



FOR SALE – Nauticam Na-d800 Housing for Nikon D800

Nauticam Na-d800 Housing for Nikon D800 Excellent condition. Full overall by Nauticam in December 2017, not in the water since. Vacuum check; electronic monitoring circuit installed, no vacuum system. 2000 euros + shipping ... [More >](#)



FOR SALE – Nauticam flat ports and lenses Sony 28mm and 90mm

Nauticam flat port for Sony 28mm + sony lens 28mm +Nauticam flat port for Sony 90mm + sony lens 90mm+Nauticam trigger flash for sony. SOLD Can be sold separately. Total price 1260€ (does not include insurance and shipping) ... [More >](#)



FOR SALE – SEA & SEA MM2 U/W CAMERA WITH ACCESSORIES

SEA & SEA MM2 U/W CAMERA WITH ACCESSORIES: - Yellow SUB 50 TTL strobe / arm extension - SEA & SEA 16mm Wide angle lens MM-2 - SEA & SEA Macro lens ML-2/3T plus attachments - Removable view finder - ... [More >](#)



FOR SALE – Nikon D500 + Hugaft D500 setup

This one year old set of equipment is in excellent working condition and will serve great to a new owner. The reason for sale is a switch to a new equipment. Nikon D500 (19k clicks). Sigma 10mm F2.8 Fish Eye. 128Gb XQD Lexar ... [More >](#)

Please support our advertisers and help keep UWP free.

Magic Filters

BACKSCATTER
UNDERWATER VIDEO & PHOTO

KELDAN
Advanced Lighting Technology

OCEAN LEISURE CAMERAS

Nauticam
臨天海

ULTRA LIGHT
CONTROL SYSTEMS

Ikelite

XLOK
DIVERS

REEF
PHOTO & VIDEO

WETPIXEL.COM
digital imaging for divers

SEA&SEA
THE UNDERWATER IMAGING COMPANY

DivePhotoGuide

wakatobi

ACQUAPAZZA

UW CAMERA STORE

Nauticam
innovation underwater

Magic Filters

Small Ads

Sell your stuff You'll be amazed at just how quickly your unwanted underwater photography kit could be converted into hard cash with a UWP small ad. You can have your own UWP small ad from just £7.50 and it can have one photo as well as up to 100 words.

Check out small ads here

Buy your small ad here

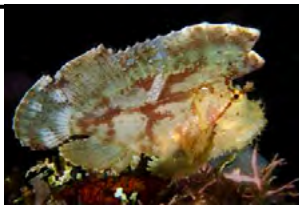
Marshall's Mysteries 23 - Answers



Spiny Waspfish

(Ablabys macracanthus)

Which is the
Leaf
Scorpionfish?



Leaf Scorpionfish

(Taenianotus triacanthus)

Both fish sway back & forth, mimicking leaves or seaweed. To tell the difference, look between the eye and the front of the dorsal fin – the Leaf Scorpionfish has a large gap compared to the Spiny Waspfish.



Saddled Puffer

(Canthigaster valentini)

Which is the
Saddled Puffer?



Mimic Filefish

(Paraluteres prionurus)

The main difference is the Filefish has a (spinous) front dorsal fin. Also, the rear dorsal and anal fins are wider in the Filefish. The Filefish mimics the highly poisonous Puffer, which has a neurotoxin in its skin, to protect against predators.



Humphead Wrasse

(Cheilinus undulatus)

Which is the
Humphead
Wrasse?



Bumphead Parrotfish

(Bolbometopon muricatum)

Very large fish, both with bony foreheads. Both fish are classified by IUCN as "Threatened" (the Wrasse is Vulnerable and the Parrotfish is Endangered), due to overfishing & slow breeding rates. Head profiles are distinct, more vertical in the Parrotfish, which also has a distinctive "beak" to eat coral.



Shorthead Fangblenny

(Petroscirtes breviceps)

Which is the
Striped
Fangblenny?



Striped Fangblenny

(Meiacanthus grammistes)

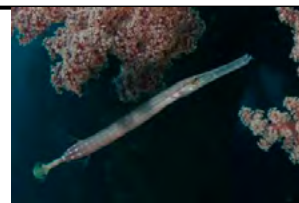
The harmless Shorthead is a mimic of the Striped Fangblenny (aka Striped Poison-fang Blenny). The latter has fangs with venom similar to that in Cone Shells and Scorpions, which reduces blood pressure, relaxing a predator's jaws, allowing escape if caught. This mimicry by the former is to repel predators.



Cornetfish

(Fistularia commersonii)

Which is the
Trumpetfish?



Trumpetfish

(Aulostomus chinensis)

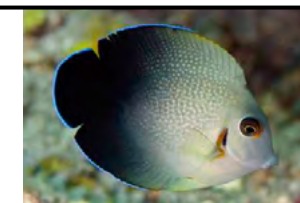
Both have an elongate shape, and both suck in prey. The most distinctive feature to tell these two apart is probably the shape of the tail; the Cornetfish has a long filament in the tail whereas the Trumpetfish has a blunter tail, often with two black spots, and is able to change colours rapidly.



Pearl-scaled Angelfish

(Centropyge vroliki)

Which is the
Pearl-scaled
Angelfish?



(Juvenile) Mimic Surgeonfish

(Acanthurus pyroferus)

The juvenile Surgeonfish mimics the Angelfish, known by potential predators to be aggressive. As the Surgeonfish grows, it becomes less convincing as the (small) Angelfish and is not so vulnerable to predators, so its pattern changes. The Angelfish has a distinct spine in the lower preopercular margin (circled).

Guidelines for contributors

The response to UwP has been nothing short of fantastic. We are looking for interesting, well illustrated articles about underwater photography. We are looking for work from existing names but would also like to discover some of the new talent out there and that could be you! UwP is the perfect publication for you to increase your profile in the underwater photography community.

The type of articles we're looking for fall into five main categories:

Uw photo techniques - Balanced light, composition, etc

Locations - Photo friendly dive sites, countries or liveaboards,

Subjects -, Anything from whale sharks to nudibranchs in full detail

Equipment reviews - Detailed appraisals of the latest equipment

Personalities - Interviews/features about leading underwater photographers

**If you have an idea for an article,
contact me first before putting pen to paper.
E mail peter@uwpmag.com**

How to submit articles

To keep UwP simple and financially viable, we can only accept submissions by e mail and they need to be done in the following way:

1. The text should be saved as a TEXT file and attached to the e mail

2. Images must be attached to the e mail and they need to be 150dpi

Size - Maximum length 20cm i.e. horizontal pictures would be 20 cm wide and verticals would be 20cm high.

File type - Save your image as a JPG file and set the compression to "Medium" quality. This should result in images no larger than about 120k which can be transmitted quickly. If we want larger sizes we will contact you.

3. Captions - **Each and every image MUST have full photographic details** including camera, housing, lens, lighting, film, aperture, shutter speed and exposure mode. These must also be copied and pasted into the body of the e mail.