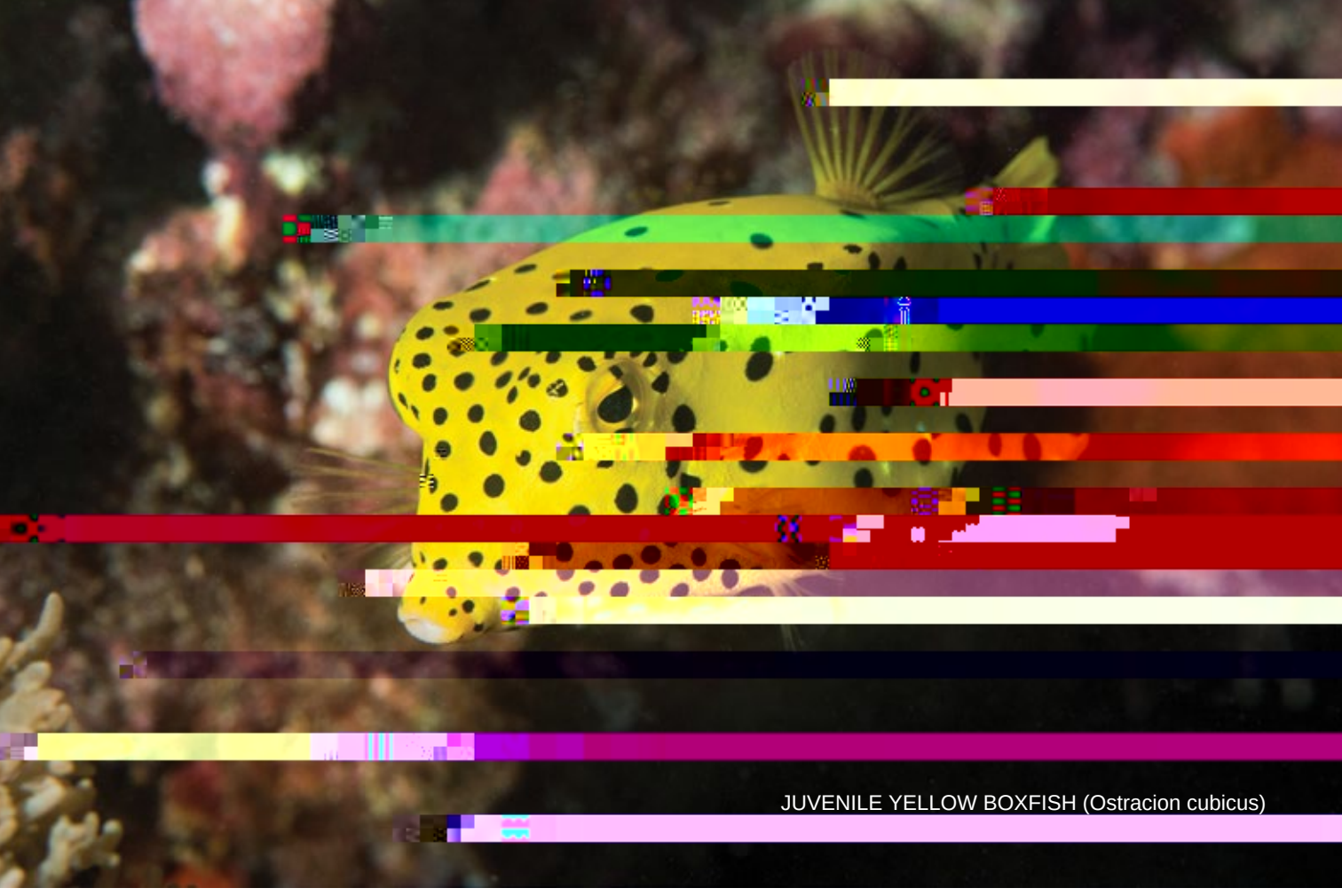
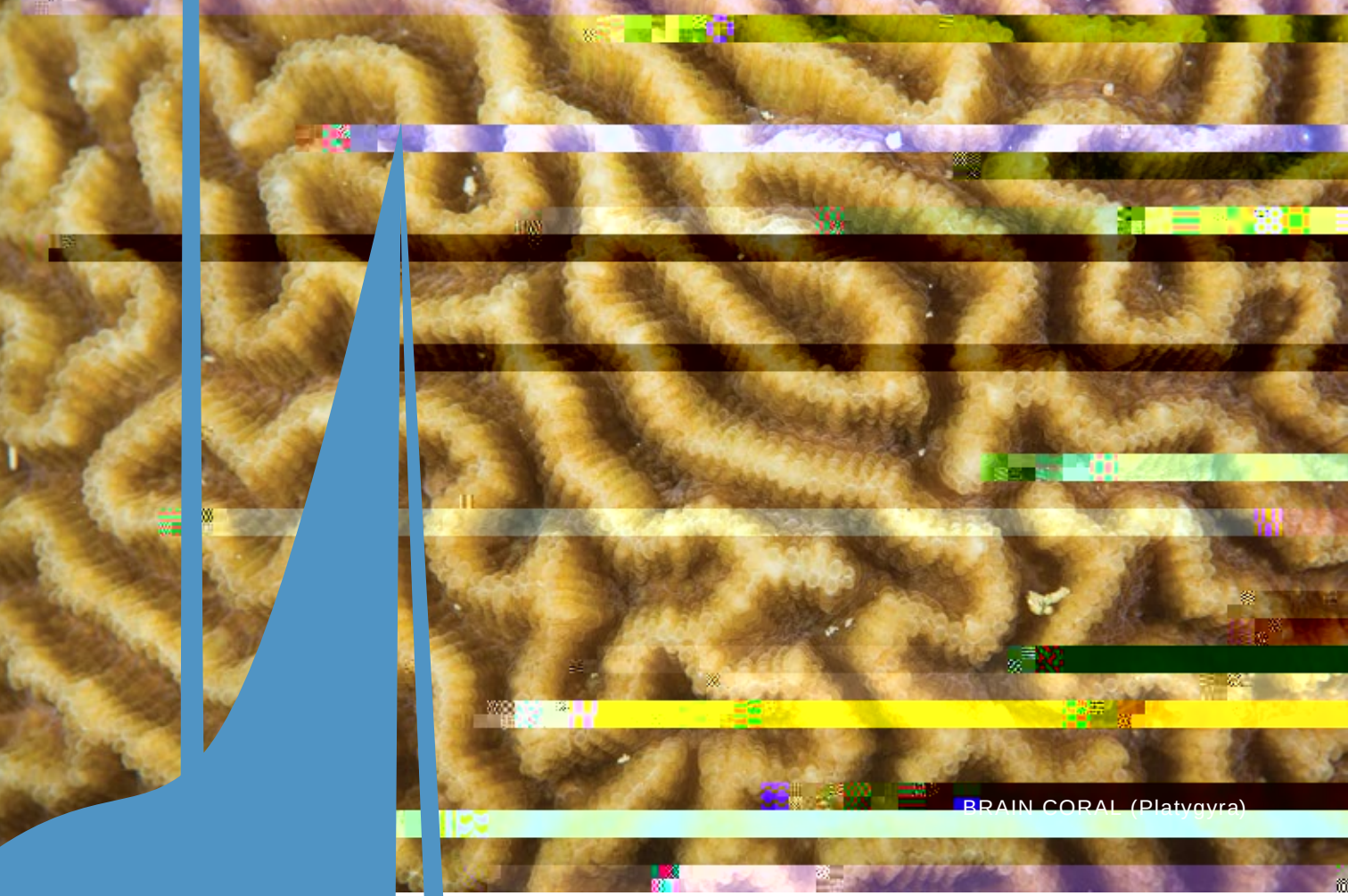


JUVENILE YELLOW BOXFISH (Ostracion cubicus)

MARRIOTT RESORT
PHUKET
MERLIN BEACH

PHUKET MARRIOTT RESORT & SPA,
MERLIN BEACH

HOUSE REEF MARINE GUIDE



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MERLIN BEACH

MARINE GUIDE

ecosyster egra d coastal management plan. Mangrove forests and coral reefs are the most
productiv e ma ne environment, and thus must be kept healthy in order for marine systems
WRŕXULV

entic tion guide to the marine life on the hotel reef
Sira hai Arunrungstichai at the Marriott Merlin Beach reef

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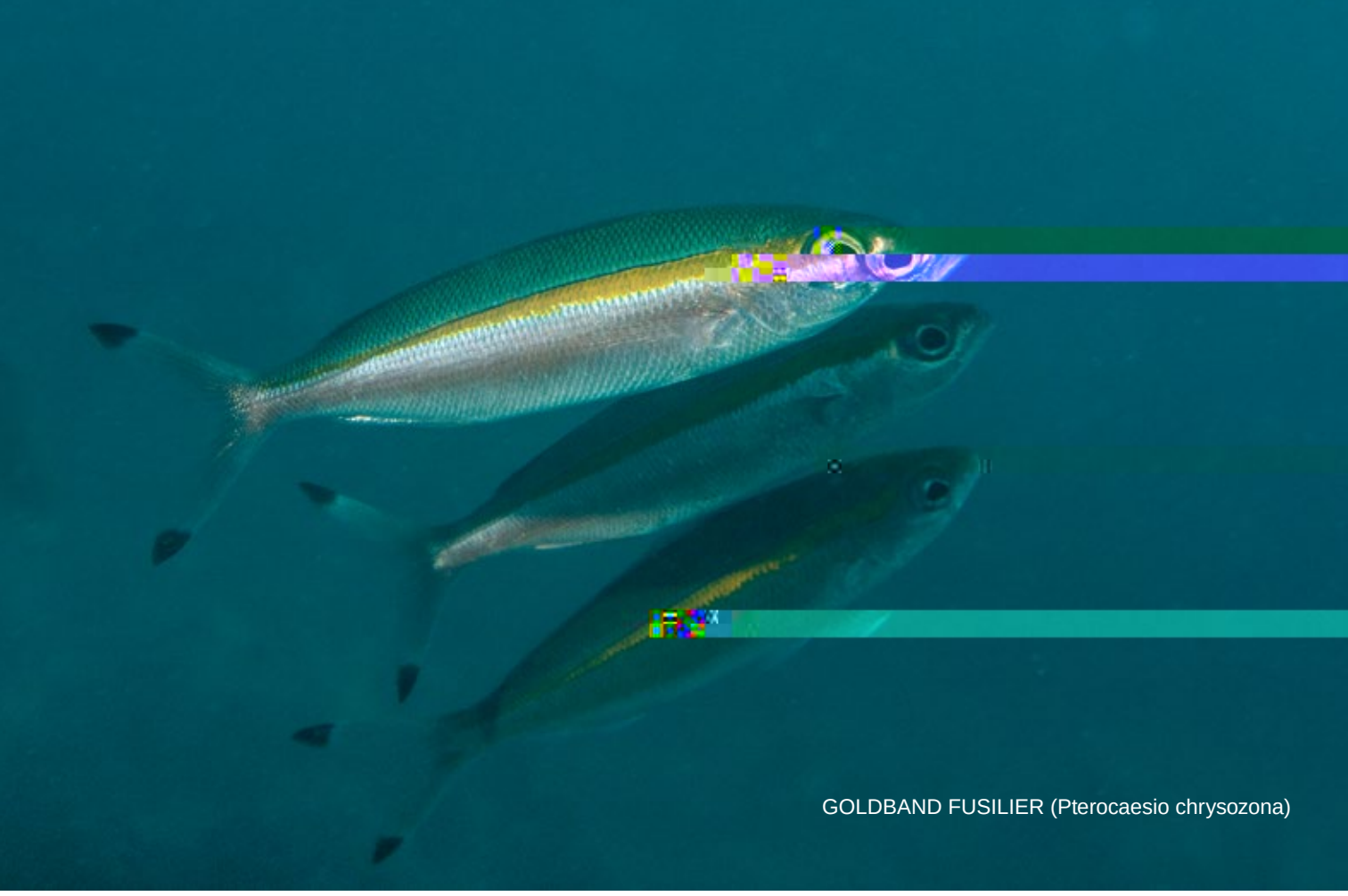

GOLDBAND FUSILIER (Pterocaesio chrysozona)

PART 1
IDENTIFICATION

PHUKET MARRIOTT RESORT & SPA,
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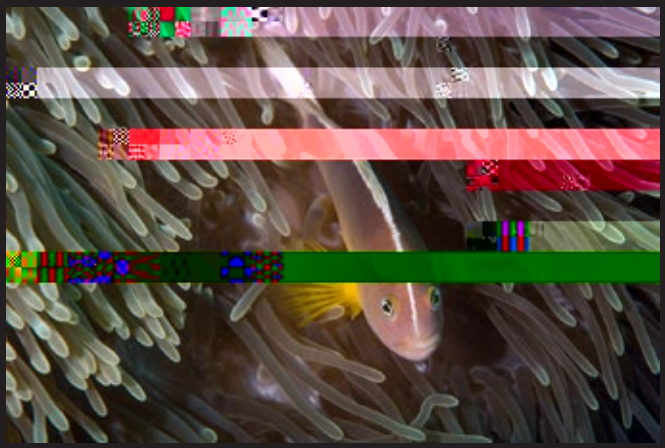
FALSE CLOWN ANEMONEFISH (Amphiprion ocellaris)



SKUNK ANEMONEFISH (Amphiprion akallopisos)

DAMSELFISHES
(POMACENTRIDAE)

2HRIWKHPRVWFRPPRQURXSVRIÌVKRQUHHIZWK RYHUVSHFLHVZUOGZGH7KHPRVWUHFRJQHGÌVK ZWKLWKLVIDPLOLVWKHZOONRZORÌKRU SPRQÌVK'DPVHOÌVKHVUDQHLQLHIURPDIHZ centimeters to 30 cm, varying immensely in color but maintaining a similar arrow like body shape.

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GOLDEN DAMSELFISH (Amblyglyphidodon aureus)

JEWEL DAMSELFISH (Plectroglyphidodon lacrymatus)

THREE-SPOT DASCYLLUS (Dascyllus trimaculatus)

NEON DAMSELFISH (Pomacentris pavo)

OVAL BUTTERFLYFISH (Chaetodon trifasciatus)

BUTTERFLYFISHES
(CHAETODONTIDAE)

reef is an indicator of reef health. Bright yellow is the featured color in this family, with varying stripes and color patterns, many species have a false 'eyespot' near the tail to confuse predators. The name 'Chaetodont' refers to the bristle like teeth found in all species in the family.

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HOUSE REEF
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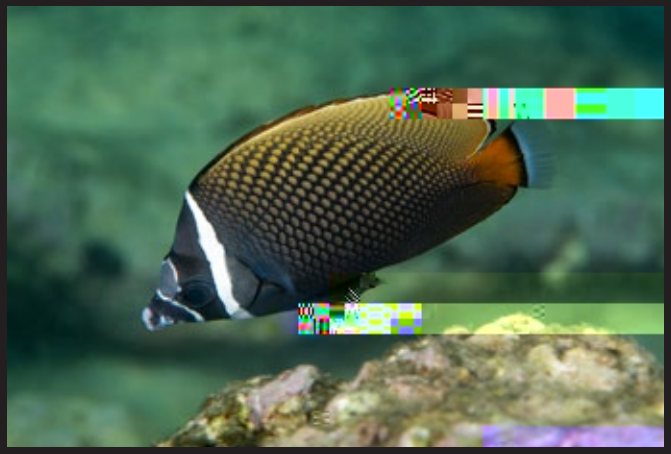
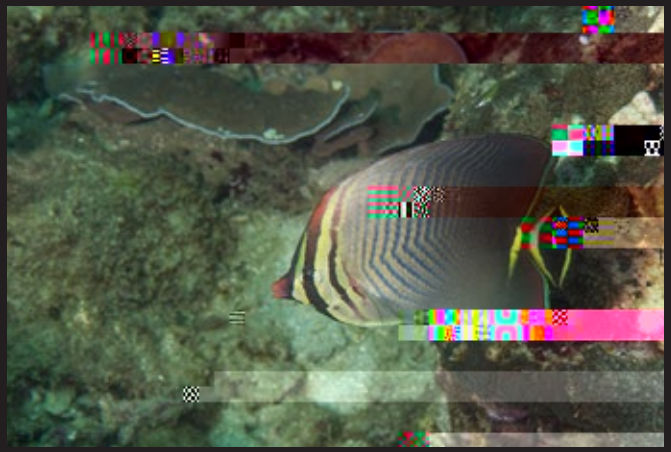


COLLARE BUTTERFLYFISH
(Chaetodon collare)

INDIAN VAGABOND BUTTERFLYFISH
(Chaetodon decussatus)

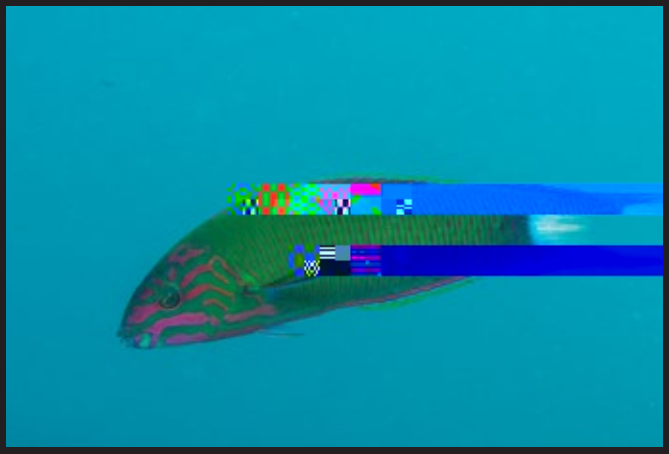


TRIANGULAR BUTTERFLYFISH
(Chaetodon triangulum)

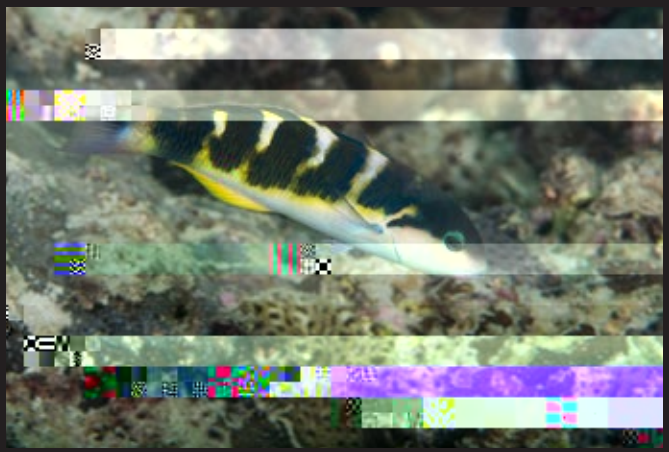
JUVENILE ANDAMAN BUTTERFLYFISH
(Chaetodon andamanensis)

WRASSES
(LABRIDAE)

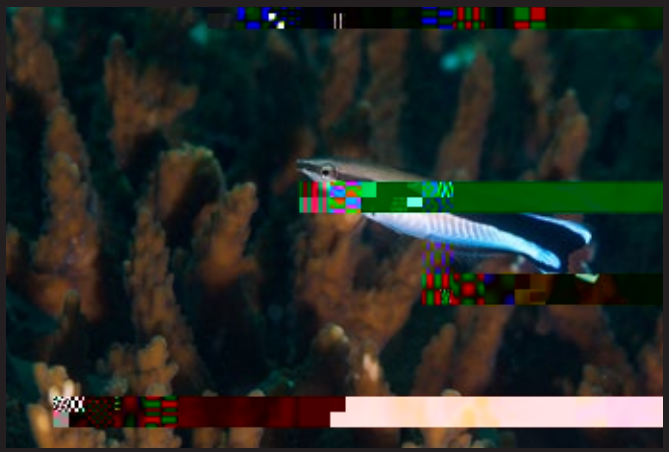
feed on worms, sea urchins, and corals, among other animals.



MOON WRASSE (Thalassoma lunare)



JANSEN'S WRASSE (Thalassoma jansenii)

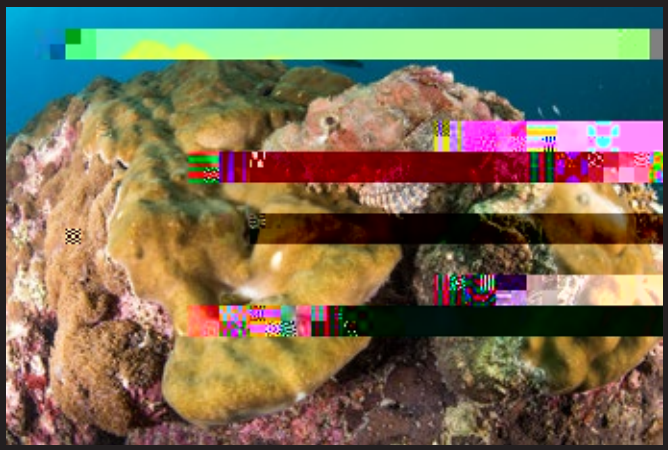


BLUESTREAK CLEANER WRASSE (Labroides dimidatus)

SCORPIONFISH
(SCORPAENIDAE)

$ GLYHUVH IDPLO\ RI ÌVKHV WKHLU QDPH LV GHULYHG IURP WKHLU YH
DQG DOVR DOORZ WKH ÌVK WR FDPRXÍDJH LQWR WKH UHHI 7KH\ DUH
ÌVK XVLQJ DPEXVK WHFKQLTXHV

JUVENILE LIONFISH (Pterois volitans)



TASSLED SCORPIONFISH (Scorpaenopsis oxycephala)

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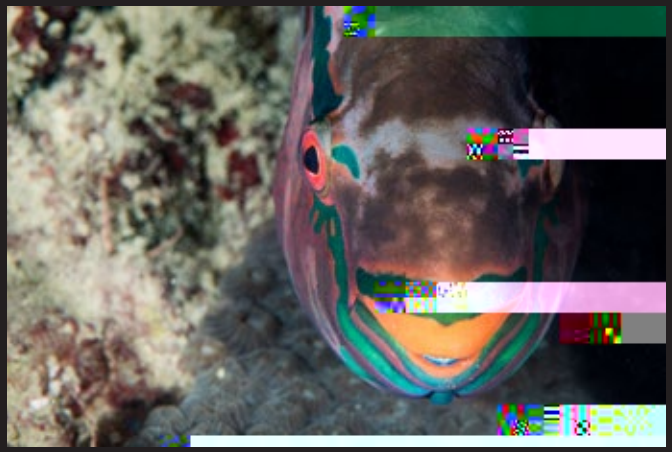
beak-like jaw of fused teeth. They can reach up to 2 meters and they feed on



SURGEONFISHES (ACANTHURIDAE)

Characterized by a razor sharp spine on either side of the tail base, which is often referred to as the scalpel, giving this family their common name. Can EHLGHQWLÌHGEWKHLURYDOÍDWVLGHSURÌOHDQDUHJHQUDOOIRXQLQKDOO reef areas, from 2 meters deep. Fish can range from 20-100cm in size.

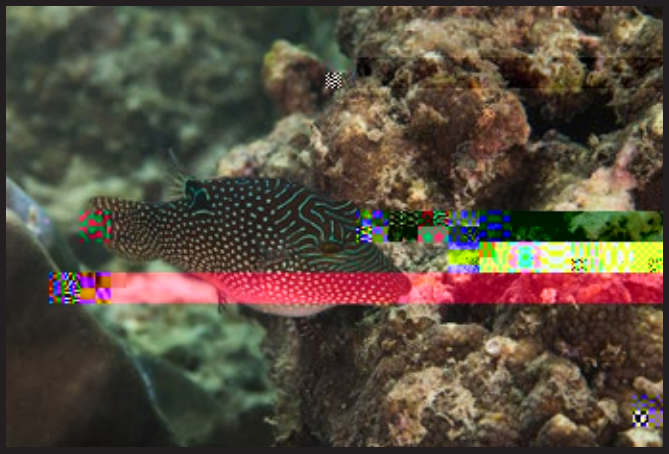
POWDER BLUE SURGEONFISH (Acanthurus leucosternon)

STRIPED SURGEONFISH (Acanthurus lineatus)

CONVICT TANG (Acanthurus tristegus)

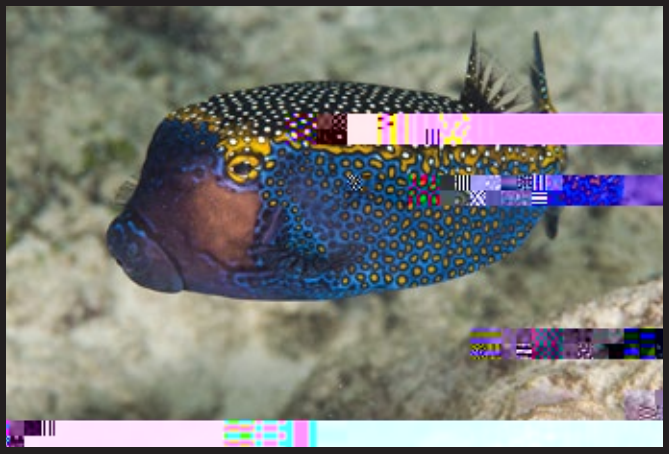
YELLOWFIN SURGEONFISH (Acanthurus xanthopterus)

JUVENILE YELLOW BOXFISH (Ostracion cubicus)



SPOTTED TOBY (Canthigaster solandri)

BLACK BLOTCHED PORCUPINEFISH (Diodon liturosus)



SPOTTED TRUNKFISH (Ostracion meleagris)

GROUPERS

) , 1 * (5 & 2 5 $ / (Porites lutea)

& $ 8 / ,) / 2 : (5 & 2 5 $ /

+ (/ 0 (7 & 2 5 $ / (Diploastrea heliopora)
% 8 % % / (& 2 5 $ / (Plerogyra sinuosa)
% 8 % % / (& 2 5 $ / (Physogyra lichtensteni)
7 2 2 7 + & 2 5 $ / (Galaxea fascicularis)

E

% O D F N 6 H D & X F X P E H U (Holothuria atra)

C

PHUKET M

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KRWHO JXHVWV DERXW WKHLU HËHFWV RQ FRUDOV DQG
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UHHI :KLOH GLYLQJ ZH ZLOO ORRN IRU EURNHQ FRUDO I
HDVLO\ ZHGJHG LQWR KROHV RQ WKH UHHI DQG ZLOO U
WLPH 7KLV LV DQ HDV\ ZD\ WR LQFUHDVH FRUDO FRYHU
ZLWKRXW WKHVH DFWLRQV WKH EURNHQ IUDJPHQWV ZLO

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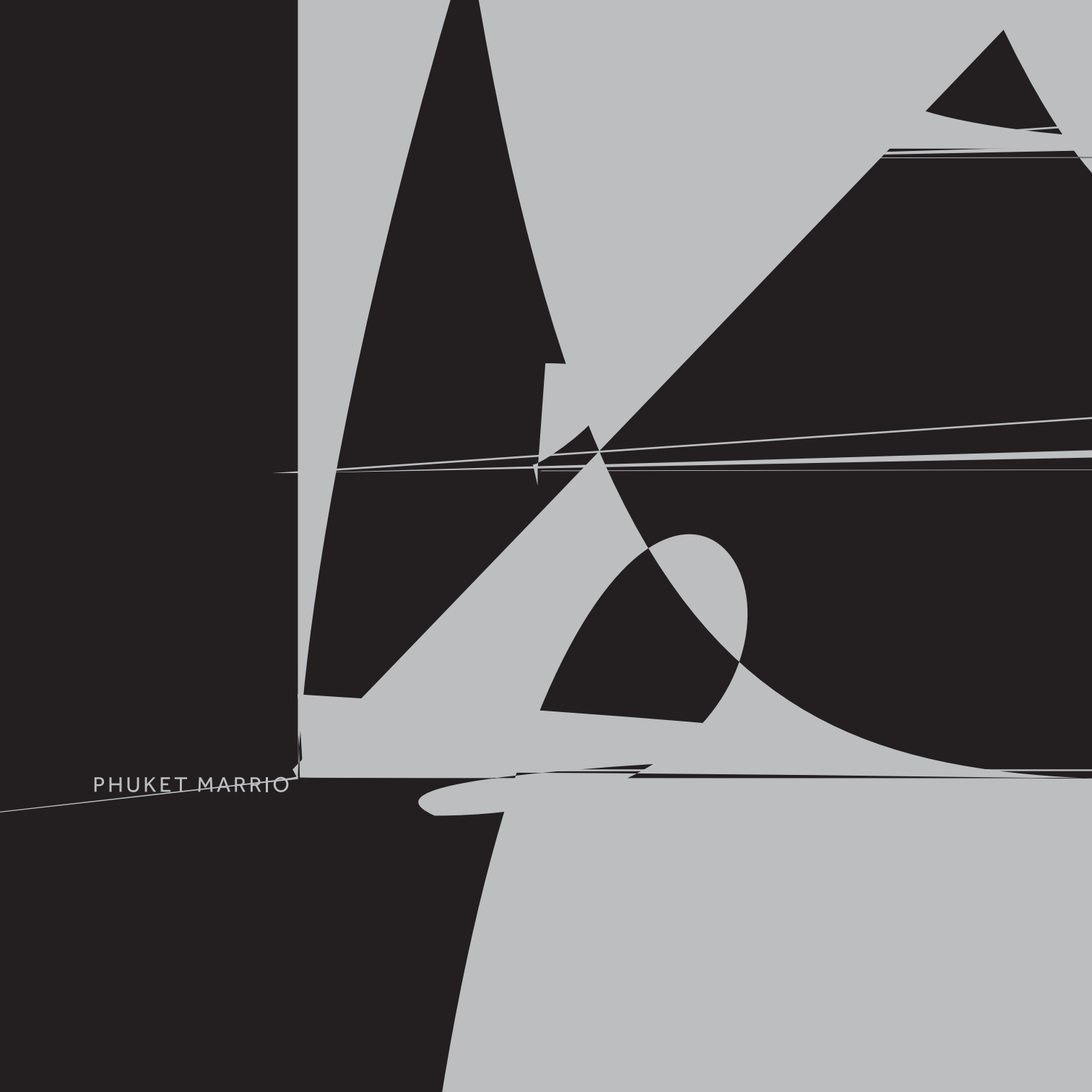
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