



## Butterflyfishes of the Tropical Pacific, Part 2

REEF Fishinar February 21<sup>st</sup>, 2017, Amy Lee - Instructor

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	<p><b>Blacklip Butterflyfish</b> (<i>Chaetodon kleinii</i>)</p> <ul style="list-style-type: none"><li>• Dusky yellow to brown body – coloration may vary depending on location</li><li>• White head has slightly “dirty” appearance</li><li>• Black lips and pelvic fins</li><li>• Seen alone, in pairs, or in large aggregations</li></ul> <p>Photo by: Florent Charpin Regions: CIP, HAW, SOP, Indian Ocean</p>
	<p><b>Latticed Butterflyfish</b> (<i>Chaetodon rafflesi</i>)</p> <ul style="list-style-type: none"><li>• Yellow body with dark scale margins - lattice-like appearance</li><li>• Blue area between eyes – <i>fence around the pool</i></li><li>• Central black bar on tail fin</li></ul> <p>Similar species: Dotted Butterflyfish Photo by: Paddy Ryan Regions: CIP, SOP</p>
	<p><b>Eclipse Butterflyfish</b> (<i>Chaetodon bennetti</i>)</p> <ul style="list-style-type: none"><li>• Bright yellow body with large black spot (ocellus) outlined in blue</li><li>• Two curving light blue lines on lower body</li><li>• Black eye bar edged in blue</li></ul> <p><i>Sky blue markings</i></p> <p>Photo by: Florent Charpin Regions: CIP, SOP, Indian Ocean</p>
	<p><b>Oval-spot Butterflyfish</b> (<i>Chaetodon speculum</i>)</p> <ul style="list-style-type: none"><li>• Uniform yellow body with large oval-shaped black spot</li><li>• Clear margin on tail fin</li><li>• Can be very shy, usually hides when approached</li></ul> <p>Photo by: Florent Charpin Regions: CIP, SOP</p>



**Raccoon Butterflyfish** (*Chaetodon lunula*)

- Yellow-orange body color with dusky back
- Thick black eye band with white patch behind – *raccoon mask*
- Wide black band edged in yellow runs from white patch to dorsal fin

Photo by: Ross Robertson

Regions: CIP, HAW, SOP, Indian Ocean



**Redfin Butterflyfish** (*Chaetodon lunulatus*)

- Pinkish body turning to yellow on head
- Oblique purple-blue stripes on side
- Red anal fin, yellow-edged black band on anal fin base
- Pale area on base of tail
- Known as Oval Butterflyfish in Hawaii

Photo by: Paddy Ryan

Regions: CIP, HAW, SOP



**Spot-banded Butterflyfish** (*Chaetodon punctatofasciatus*)

- Yellowish tan body, becomes more yellow towards back
- 7 gray bars on upper body with rows of dark spots below
- Orange on base of tail, also has orange eye bar

Similar species: Dot & Dash Butterflyfish

Photo by: Paddy Ryan

Regions: CIP, SOP



**Eight-banded Butterflyfish** (*Chaetodon octofasciatus*)

- 2 color variations – yellow (Palau, New Guinea) white (Indonesia, Philippines, SE Asia)
- Body can be yellow-orange or pale white
- 8 narrow black body bars
- Wide, clear margin on tail fin
- Prefer turbid and silty shallow lagoons

Photos by: Florent Charpin (top), Paddy Ryan (bottom)

Regions: CIP, SOP





**Longnose Butterflyfish** (*Chaetodon flavissimus*)

- Yellow body w/dark on upper half of head, lower half is pearly white
- Elongated snout with small gape
- Black spot on base of anal fin
- Feeds by snipping food items off large prey like sea stars and urchins
- Known as Forcepsfish in Hawaii

Similar species: Big Longnose Butterflyfish

Photo by: Paddy Ryan

Regions: CIP, HAW, SOP, Indian Ocean, Red Sea



**Reticulated Butterflyfish** (*Chaetodon reticulatus*)

- Black body with pale scale centers
- Reticulated: constructed, arranged or *marked like a net or network*
- White back and forebody
- Yellow tail margin edged in black
- Reddish marking on upper edge of anal fin

Photo by: Florent Charpin

Regions: CIP, HAW, SOP



**Saddled Butterflyfish** (*Chaetodon ephippium*)

- Blue-gray body with several blue or gray stripes across middle
- Large black patch bordered in white across upper rear body
- Orange snout
- Long, trailing dorsal fin filament
- Known as Saddleback Butterflyfish in Hawaii

Photo by: Florent Charpin

Regions: CIP, HAW, SOP, Indian Ocean



**Eastern Triangular Butterflyfish** (*Chaetodon baronessa*)

- Very narrow body, triangular in shape
- Gray coloration with hints of pink or purple
- Dark chevron pattern on body
- Shelter among branching corals

Photo by: Florent Charpin

Regions: CIP, SOP



**Humphead Bannerfish** (*Heniochus varius*)

- Dark brown body, fading lighter towards dorsal fin
- Two "horns" just above eyes, another bump on forehead (*Humphead has a bump on the forehead*)
- White band extending from dorsal fin to base of tail

Photo by: Mark Rosenstein/iNaturalist.org

Regions: CIP, SOP



### **Pennant Bannerfish (*Heniochus chrysostomus*)**

- Tallest dorsal spine has feather-like pennant – *flag waving at mast of a ship*
- White body with dark bands, bands lighten towards back of body
- Yellow snout
- Often seen in small mixed groups with Humphead Bannerfish

Photo by: Paddy Ryan

Regions: CIP, SOP



### **Longfin Bannerfish (*Heniochus acuminatus*)**

- White body with 2 broad black bands on sides
- Very long white dorsal fin filament
- Yellow tail fin
- Dark rectangular marking between eyes

Similar species: Schooling Bannerfish

Photo by: Dennis Polack

Regions: CIP, SOP, Indian Ocean



### **Singular Bannerfish (*Heniochus singulararius*)**

- Black body with some light patches
- Shortened white dorsal fin filament, rest of dorsal fin is yellow
- Yellow pectoral fins and tail fin

Similar species: Masked Bannerfish

Photo by: Ian V. Shaw/Reef Life Survey

Regions: CIP, SOP, Indian Ocean