

Table 1.15. Dichotomous key of the butterflyfish genus *Chaetodo*

Decision Point	Choices	Decision
1	Pelvic fin dark	2
	Pelvic fin light	4
2	Two large white spots below dorsal fin	<i>C. quadrimaculatus</i>
	Lacks two large white spots below	3
3	Tail with two dark bars at tip	<i>C. reticulatus</i>
	Tail with one dark bar at tip	<i>C. kleini</i>
4	Posterior or dorsal fin has long filament extension	5
	Filament extension lacking from dorsal fin	6
5	Large dark spot on body near filament	<i>C. ephippium</i>
	Small dark spot on body near filament	<i>C. aurigia</i>
6	No vertical band through eye	<i>C. fremblii</i>
	Vertical band through eye	7
7	Incomplete eyeband on face (does not go to top of head)	<i>C. multicingatus</i>
	Complete eyeband on face (extends to top of head)	8
8	Nose area with band	9
	Nose area lacks band	10
9	Fewer than eight diagonal bands on body	<i>C. ornatissimus</i>
	More than eight diagonal bands on body	<i>C. trifasciatus</i>
10	Distinct white spot splits eyeband above eye	<i>C. lineolatus</i>
	No white spot above eye; eyeband not split	11
11	Upper third of body under dorsal fin dark	<i>C. tinkeri</i>
	Upper third of body under dorsal fin not dark	12
12	Distinct small spots arranged in rows	13
	No distinct small spots; body has large spot or band	14
13	No black band on caudal fin	<i>C. citrinellus</i>
	Obvious black band on caudal peduncle	<i>C. miliaris</i>
14	Side with a large black teardrop; no dark bars on tail	<i>C. unimaculatus</i>
	Large black shoulder patch; tail with dark bars	<i>C. lunula</i>