

## **Supplementary tables**

### **Evolutionary diversification of pelagic larval duration in three reef fish families**

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#### TABLES S1-S3

#### TABLE S1

PLD data and references, adult biological traits, and species occurrences in the five regions. This dataset is provided as an Excel file.

TABLE S2

Basic statistics for PLD of each family.

|                      | Mean | SD   | Min  | Max  | Median |
|----------------------|------|------|------|------|--------|
| <i>Labridae</i>      | 37.1 | 18.1 | 9.9  | 104  | 30.4   |
| <i>Pomacanthidae</i> | 26.8 | 6.04 | 17.7 | 38.3 | 25     |
| <i>Pomacentridae</i> | 22   | 7.01 | 0    | 52.5 | 22     |

TABLE S3

Basic statistics for PLD variability in geographical regions for each fish family.

| <b>Labridae</b>      |             |      |        |      |      |      |      |
|----------------------|-------------|------|--------|------|------|------|------|
| Region               | Mean        | SD   | Median | Q1   | Q3   | Min  | Max  |
| A                    | 30.5        | 19.4 | 26.4   | 19.2 | 35.4 | 9.9  | 104  |
| CIP                  | 36.2        | 16.2 | 28.8   | 24.4 | 46.3 | 17.3 | 78.3 |
| CP                   | 39.5        | 17.4 | 32.3   | 26.1 | 50.5 | 19.2 | 89.2 |
| TEP                  | 42.5        | 14.7 | 37     | 30.9 | 57.2 | 23.4 | 73.7 |
| WI                   | 38.7        | 17.1 | 30.0   | 25.2 | 50.9 | 19.2 | 78.3 |
| <b>Pomacanthidae</b> |             |      |        |      |      |      |      |
| Region               | Mean        | SD   | Median | Q1   | Q3   | Min  | Max  |
| A                    | 25.1        | 6.93 | 22.5   | 21.6 | 28.0 | 17.7 | 36.8 |
| CIP                  | 26.8        | 5.81 | 25     | 22.3 | 31.5 | 18   | 38.3 |
| CP                   | 30.0        | 5.57 | 30.9   | 24.9 | 32.9 | 22   | 38.3 |
| TEP                  | No PLD data |      |        |      |      |      |      |
| WI                   | 27.5        | 6.67 | 24.5   | 22   | 32   | 19.5 | 38.3 |
| <b>Pomacentridae</b> |             |      |        |      |      |      |      |
| Region               | Mean        | SD   | Median | Q1   | Q3   | Min  | Max  |
| A                    | 25.4        | 3.45 | 25.3   | 24.6 | 25.8 | 17.6 | 32.5 |
| CIP                  | 20.4        | 7.27 | 19.9   | 17.1 | 23   | 0    | 52.5 |
| CP                   | 23.8        | 4.93 | 22.7   | 20.5 | 27.2 | 11.8 | 33.5 |
| TEP                  | 26.3        | 5.16 | 27.6   | 21.7 | 29.8 | 18.7 | 35.2 |
| WI                   | 22.8        | 5.37 | 22.4   | 18.8 | 26.5 | 12.1 | 32.7 |