**Supplemental Table 2.** Percentage of studies in this review organized by (a) life stage, (b) study type, and (c) ocean acidification exposure duration.

| (A) | Adult | Egg & sperm | Egg | Sperm | From egg to adult | Adults & gametes |
| --- | --- | --- | --- | --- | --- | --- |
| Cnidaria | 41.1 | 47.1 | - | 11.8 | - | - |
| Crustacea | 95.0 | - | 2.5 | - | 2.5 | - |
| Echinodermata | 30.0 | 59.7 | 4.2 | 4.2 | - | 2.8 |
| Mollusca | 42.2 | 47.2 | 1.8 | - | 7.3 | 1.8 |

| (B) | Field | Laboratory | Mesocosm |
| --- | --- | --- | --- |
| Cnidaria | 17.6 | 70.6 | 11.8 |
| Crustacea | - | 100.0 | - |
| Echinodermata | 1.4 | 91.5 | 7.0 |
| Mollusca | 3.7 | 96.4 | - |

| (C) | < 1 h | > 1 h but < 1 day | > 1 day but < 1 month | > 1 month |
| --- | --- | --- | --- | --- |
| Cnidaria | 6.3 | 62.5 | - | 31.3 |
| Crustacea | - | 2.5 | 60.0 | 37.5 |
| Echinodermata | 47.5 | 16.4 | 3.3 | 32.8 |
| Mollusca | 25.0 | 28.6 | 12.5 | 33.9 |