

Table S3 Interspecific pairwise distance of Scollidae based on COI sequences (%)

| Species | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | |
|---|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|
| 1 <i>Austroscolia ruficeps</i> | | 18.7–18.8 | 9.8–10 | 19.2 | 19–19.2 | 20.3–20.7 | 19.3–19.4 | 18.1 | 17.1 | 7.2–7.4 | 17.4 | 15.3–16.4 | 8.4 | 8.8 | 9.4 | 9.9 | 7.6 | 8.8 | 9.5–9.9 | 7.9–9 | 9.1–9.3 | 19.9–20 | |
| 2 <i>Carinoscolia vittifrons</i> | | | 10.2–11.2 | 19.1–19.5 | 18.7–19.2 | 20.4–21.2 | 18.9–19.8 | 19.8–20.4 | 17.6–18.1 | 9.3–10 | 18.9–19.5 | 16.4–17.8 | 20.3–21.1 | 10–10.6 | 20.2–20.9 | 20.6–20.9 | 20.2–21.1 | 10.9–11.4 | 10.9–12 | 10.5–11.7 | 9.7–10.6 | 20.4–21.2 | |
| 3 <i>Liacos erythrosoma</i> | | | | 20.3–20.4 | 19.2–19.6 | 19.6–20.3 | 18.7–19.1 | 18.4 | 17.4–17.5 | 8.1–8.5 | 17.8–18.1 | 15.1–16.5 | 10.7–11 | 9.7–10 | 10.4–10.5 | 10.1–10.4 | 10–10.2 | 10.3–10.6 | 10.6–11.2 | 9.1–10.6 | 10–10.5 | 11.1–11.5 | |
| 4 <i>Megacampsomeris asiatica</i> | | | | | 9.1–9.5 | 15.3–15.6 | 10.6–10.8 | 10.7 | 9.4 | 9.3–9.4 | 17.4 | 14.9–15.4 | 9.1 | 19.6 | 19.4 | 18.1 | 18.5 | 20.1 | 19.6–20.7 | 19.2–19.4 | 19.3–19.4 | 16.7–16.8 | |
| 5 <i>Megacampsomeris binghami</i> | | | | | | 14.1–14.3 | 8.9–9.1 | 8.3–8.8 | 9.1–9.7 | 17.9–18 | 16.8–17.1 | 13.4–13.8 | 18.6–18.7 | 18.5–18.7 | 19.5 | 18.9 | 18.6–18.7 | 19.8–19.9 | 18.6–19 | 18.4–19.2 | 18.2–18.6 | 15.5–16.2 | |
| 6 <i>Megacampsomeris farrenwhitei</i> | | | | | | | 13–13.5 | 14.7–15 | 22.1–22.7 | 18–18.5 | 17.6–17.9 | 15.5–16.7 | 18.8–19.1 | 19.1–19.3 | 19.3–19.8 | 20.1–20.4 | 19.9–20.4 | 20.3–20.6 | 19.7–20.2 | 20–20.6 | 17.9–19.4 | 19.2–19.7 | |
| 7 <i>Megacampsomeris prismatica</i> | | | | | | | | 9 | 8.1–8.4 | 16.5–16.7 | 16.7–17.1 | 13.2–14.4 | 18–18.1 | 18–18.1 | 18–18.1 | 17.6 | 17.4–17.5 | 17.8–18 | 16.7–18 | 17.1–18.1 | 16.7–16.9 | 16.2–16.4 | |
| 8 <i>Megacampsomeris pulchrivestita</i> | | | | | | | | | 9 | 17.1–17.4 | 15 | 14.2–15 | 18.9 | 18.6 | 18.4 | 17.7 | 17.4 | 18.9 | 17.8–18.6 | 18.1–18.7 | 18–18.1 | 15.5–15.6 | |
| 9 <i>Megacampsomeris shillongensis</i> | | | | | | | | | | 15.3–15.5 | 15.2–15.3 | 13.6–14.2 | 16.4 | 17.4 | 17.9 | 17.7 | 17.3 | 17.9 | 15.9–16.9 | 17.2–17.9 | 16.8–16.9 | 15.8–15.9 | |
| 10 <i>Megascolia (Regiscolia) azurea</i> | | | | | | | | | | | 17.1–17.2 | 13.9–15 | 18.4 | 8.5–8.6 | 9.7–9.8 | 8.7 | 8.1 | 9–9.1 | 8.2–8.5 | 7–8.4 | 8.1–8.3 | 19.8–20 | |
| 11 <i>Micromeriella marginella</i> | | | | | | | | | | | | 15.5–16.4 | 17.9 | 17.1 | 17.7–17.8 | 18–18.1 | 17.8 | 18.5 | 17.9–18.8 | 17.6–18.4 | 16.7–17.1 | 18.8–18.9 | |
| 12 <i>Phalerimeris phalerata</i> | | | | | | | | | | | | 14.2–15.3 | 15.2–16.4 | 15.1–16.2 | 15.5–16.4 | 14.8–15.7 | 16–17 | 14.5–16 | 15–16.7 | 13.7–14.8 | 16.5–17.4 | | |
| 13 <i>Scolia (Discolia) affinis</i> | | | | | | | | | | | | | | 9.1 | 8.5 | 6.9 | 7.9 | 8.5 | 5.9–6.3 | 7.3–7.5 | 5.7–5.9 | 19.5–19.6 | |
| 14 <i>Scolia (Discolia) binotata</i> | | | | | | | | | | | | | | | 8.2 | 8.9 | 9.2 | 10.1 | 10–10.9 | 7.4–8.8 | 7.8 | 19.6–19.7 | |
| 15 <i>Scolia (Discolia) clypeata</i> | | | | | | | | | | | | | | | | 8.5 | 8.3 | 9.7 | 9.5–10 | 9.1–9.8 | 6.9–7.4 | 8.6–8.7 | |
| 16 <i>Scolia (Discolia) laeviceps</i> | | | | | | | | | | | | | | | | | | 6 | 7.6 | 8.5–8.7 | 7.3–7.8 | 6.2–6.3 | 19.9–20 |
| 17 <i>Scolia (Discolia) nobilis</i> | | | | | | | | | | | | | | | | | | | 5.3 | 8.3–9.3 | 6.5–7.6 | 6.6–6.7 | 19–19.1 |
| 18 <i>Scolia (Discolia) sikkimensis</i> | | | | | | | | | | | | | | | | | | | 8.8–9.1 | 7.6–8.5 | 7.2–7.7 | 20.5–20.6 | |
| 19 <i>Scolia (Discolia) superciliaris</i> | | | | | | | | | | | | | | | | | | | | 7.8–9.1 | 7.7–8.6 | 20.2–20.8 | |
| 20 <i>Scolia (Discolia) watanabei</i> | | | | | | | | | | | | | | | | | | | | | 6.2–7.6 | 8.9–9.1 | |
| 21 <i>Scolia</i> sp. | | | | | | | | | | | | | | | | | | | | | | 19.7–19.9 | |
| 22 <i>Sericocampsomeris flavomaculata</i> | | | | | | | | | | | | | | | | | | | | | | | |