

KEY to PRACTICE LAB FINAL Fall, 2011

Invertebrate Paleontology

- |   |  |
|---|--|
| 1A Early Paleozoic  |  |
| 1B Inner Shelf  | 11A lophophore   |
|   | 11B hardground   |
| 2A Silurian   |  |
| 2B sponge reef  | 12A water vascular system                                |
|   | 12B marine   |
| 3A pygidium   |  |
| 3B Early Paleozoic  | 13A Cretaceous   |
|   | 13B predation  |
| 4A coral  |  |
| 4B recrystallization  | 14A crinoid columnals                                    |
|   | 14B shallow clear water/carbonate<br>mounds/weak current |
| 5A gastropod  |  |
| 5B presence/absence of septal<br>walls                          | 15A Belemnites   |
|   | 15B Mesozoic   |
| 6A Late Paleozoic   |  |
| 6B Inner shelf  | 16A pallial sinus (location of<br>siphon)                |
|   | 16B tiering  |
| 7A fern   |  |
| 7B carbonization  | 17A permineralization                                    |
|   | 17B Mesozoic   |
| 8A brachiopod   |  |
| 8B vertical symmetry<br>plane/pedical opening/hinge<br>features | 18A aragonite  |
|   | 18B calcite  |
| 9A Ammonoids  |  |
| 9B Ammonite   | 19A cast   |
|   | 19B bivalved mollusk                                     |
| 10A Nautiloids  |  |
| 10B straight-walled   | 20A storm deposit  |
|   | 20B brachiopods  |