

Lab 08 - Mesozoic Index Fossils - Key

Common Name	Environment	Symmetry	Parts	Preservation
1. sea urchin	marine - benthos mobile	radial	1	replacement
2. oyster	marine - benthos sessile	bilateral	2	replacement
3. brachiopod	marine - benthos sessile	bilateral	2	replacement
4. foram	marine - planktonic	radial	1	replacement
5. ammonoid	marine - nektonic	spiral	1	mold
6. belemnoid	marine - nektonic	bilateral	1	original
7. crinoid	marine - benthos sessile	radial	many	replacement
8. ammonoid	marine - nektonic	spiral	1	replacement
9. ammonoid	marine - nektonic	spiral	1	replacement
10. coral	marine - benthos sessile	none	1	replacement
11. conifer (tree)	terrestrial	none	many	permineralization
12. dragonfly	terrestrial	bilateral	many	replica
13. dinosaur (shell)	terrestrial	bilateral	many	permineralization
14. brachiopod	marine - benthos sessile	bilateral	2	replacement
15. ammonoid	marine - nektonic	spiral	1	replacement
16. sponge	marine - benthos sessile	none	1	mold
17. ammonoid	marine - nektonic	spiral	1	mold
18. oyster	marine - benthos sessile	none	2	replacement
19. algae	transitional	none	1	mold
20. dinosaur (shell)	terrestrial	bilateral	many	permineralization