### List K - Sedimentary Structures - Hierarchical List

**Sedimentary Structures**
- Bedding plane irregularities
  - Antidunes
  - Casts* (flute casts, groove casts, load casts* (also under soft sediment deformation and turbidity current structures))
  - Scour casts
- Chevron marks
- Current markings*
- Dune structures
- Fossil ice wedges
- Frost features
- Grooves
- Megaripples
- Mounds*
- Mud lumps
- Mudcracks
- Parting lineation
- Ripple marks (also under primary structures) (asymmetrical, interference, etc.)
  - Sand ridges
  - Sand waves
- Scour marks
- Sole marks* (under turbidity current structures)
- Striations*
- Tool marks

**Biogenic Structures**
- Algal structures
  - Algal banks
  - Algal biscuits
  - Algal mats
  - Algal mounds
- Banks
- Bioherms
- Bioturbation
- Carbonate banks
- Girvanella
- Lebennspuren
  - Borings*
  - Burrows*
  - Coprolites*
  - Tracks*
  - Trails*
- Microbial mats
- Cyanobacterial mats
- Oncolites
- Rhizoliths*
- Stromatrics
- Stromatolites
- Collenia
- Thrombolites
- Tracks*
- Trails*

**Cylindrical Structures**
- Planar bedding structures (i.e. bedding structures)
  - Bedding (also under primary structures)
  - Channels*
  - Cross-bedding
  - Cross-laminations
  - Cross-stratification
  - Cut and fill
  - Cycloths
  - Current markings*
  - Flaser bedding
  - Hummocky cross-stratification
  - Graded bedding (also under turbidity current structures)
  - Imbrication
  - Laminations
  - Laminite*
  - Massive bedding
  - Megacycloths
  - Rhythmic bedding
  - Rhythmite
  - Ripple drift-cross laminations
  - Sand bodies
  - Stratification*
  - Varves
- Primary structures
  - Bedding* (also under planar bedding structures)
  - Ripple marks* (also under bedding plane irregularities) (asymmetrical, interference, etc.)
  - Tidalite*
  - Rhizoliths*

**Secondary Structures**
- Armored mud balls
- Concretions
- Cone-in-cone
- Geodes
- Microstylolites
- Septaria
- Stylolites
- Seismites

**Soft Sediment Deformation**
- Ball-and-pillow
- Boudinage*
- Casts* (load casts* (also under bedding plane irregularities and turbidity current structures))
- Clastic dikes
- Convoluted beds (also under turbidity current structures)
- Flame structures
- Flow structures (also under turbidity current structures)
- Olistoliths (also under turbidity current structures)
- Olistostromes (also under turbidity current structures)
- Sandstone dikes
- Seismites*
- Slump structures

* Does not autopost.
turbidity current structures
  Bouma sequence
  casts* (also under bedding plane irregularities and soft sediment deformation)
  convoluted beds* (also under soft sediment deformation)
  flow structures* (also under soft sediment deformation)
  graded bedding* (also under planar bedding structures)
  olistoliths* (also under soft sediment deformation)
  olistostromes* (also under soft sediment deformation)
  sole marks* (also under bedding plane irregularities)

* Does not autopost.