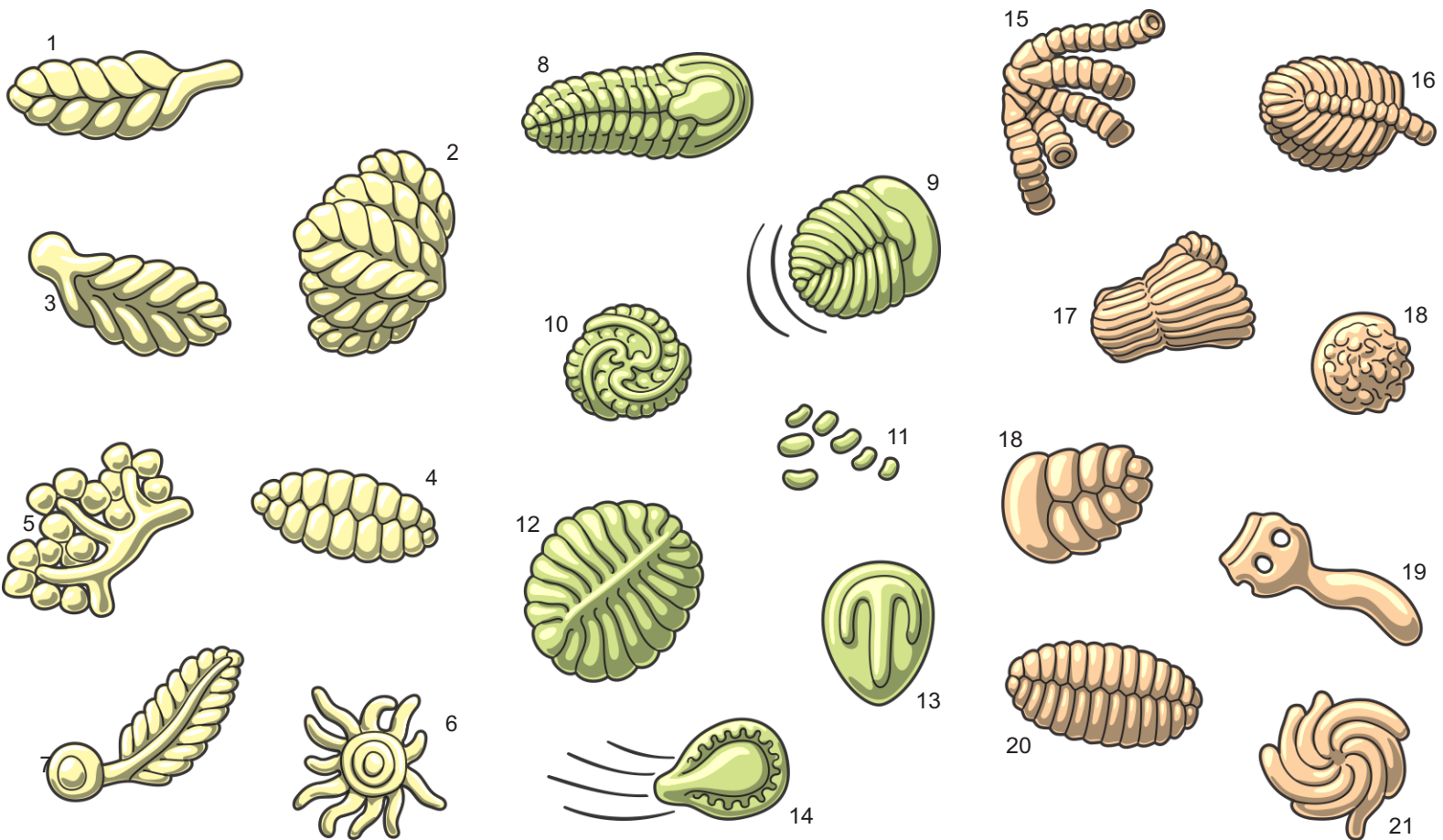


Fossils of the Ediacaran (Vendian) Biota

(~540 - 600 Million Years BP)



Avalon Assemblage (A)

- 1· Charnia (also W,N)
- 2· Bradgatia
- 3· Beithukis
- 4· fractofusus
- 5· Pectinifrons
- 6· Fractofusus
- 7· Charniodiscus (also W)

Dates (MYA): ~580-560

Ocean Depth: Deep

Preservation Type: Conception-style (beneath ash), and Fermuse-style

·Notable Sites:

- Mistaken Point Newfoundland
- Drook Formation, Newfoundland
- Brisal Formation, Newfoundland
- Charnwood Forest, England

Notes:

- No bilaterians
- No (or rare) trace fossils

White Sea Assemblage (W)

- 8· Spriggina
- 9· yorgia
- 10· Tribrachidium
- 11· Palaeopascichnus (also A,N)
- 12· Dickinsonia
- 13· Parvancorina
- 14· Kimberella

Dates (MYA): ~555-551

Ocean Depth: Shallow

Preservation Type: Flinders-style

Notable Sites:

- Wernecke Mountains, Yukon
- Winter Coast, Russia
- Khatyspyt Formation, Russia
- Ediacara Hills, South Australia

Notes:

- *First possible bilaterians

Nama Assemblage (N)

- 15· Cloudina
- 16· Swartpuntia (also W)
- 17· Ernietta
- 18· Namapoikia
- 19· Namacalathus
- 20· Pteridinium (also W)
- 21· Eoandromeda

Dates (MYA): ~548-543

Ocean Depth: Very Shallow

Preservation Type: Nama-style

Notable Sites:

- Kuibis Subgroup, Namibia
- South Schwartzrand Group, Namibia
- Wood Canyon Formation, California

Notes: