Oedogoniomycetales Doweld, ord.nov.

Thallus an unbranched filament, divided basipetally into H-shaped segments. Zoospores discharged upon disarticulation of the H-shaped segments, posteriorly uniflagellate, mitochondria posterior to ribosomal aggregation, nucleus with a narrow projection toward the kinetosome; rumposome narrow, thick, with tubules running perpendicular to the plasmalemma, ensheathed by numerous microbodies, microbody cisternae in cell anterior and posterior; annular cisterna solitary peripheral to the striated disc.

Holotype Oedogoniomyces Y. Kobayasi & Okubo.