

FOUR NEW *RHOICOSPHENIA* GRUNOW SPECIES FROM FOSSIL DEPOSITS IN INDIA AND WESTERN NORTH AMERICA

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Four species of *Rhoicosphenia* Grunow are described from fossil deposits from Galteshwar, India and Oregon, U.S.A. The first Indian taxon, *R. gandhii* sp. nov., is large with coarse striae and robust areolae, 16-48 um long and 6-8.25 um wide, with 11-12 striae in 10 microns. The other Indian taxon, *R. indica*, is narrow, with very acute apices, coarsely striated, with unresolved areolae, and is greatly flexed in girdle view, 12.5-44 um long and 3-4 um wide, with 12 striae in 10 microns. The first species from Oregon is *R. reimeri* sp. nov., which is large, much like *R. gandhii*, but varies in valve shape, but shares the robust nature of striae and areolae, 18-70 um long and 6-10 um wide, with 9-11 striae in 10 microns. The second taxon from Oregon, *R. patrickii* sp. nov., is similar to *R. indica* at first glance, but has blunt rather than acute apices, 11-45 um long and 4-4.5 um wide, with 10-11 striae in 10 microns. These taxa do not appear to sufficiently fit the morphological descriptions of fossil taxa included in Schmidt's Atlas and is also differ from extant taxa in Northern California and are thus described as new in this manuscript.

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