

Genus Name Authority & Year

Pleurolytoceras HYATT, 1900, p. 572 [**Ammonites hircinus* SCHLOTHEIM, 1820, p. 72; OD] [= *Pachylitoceras* BUCKMAN, 1905, p. 144 (type, *Ammonites torulosus* ZIETEN, 1831 in 1830–1833, p. 19, OD); = *Preperonoceras* MAUBEUGE, 1949, p. 136 (type, *P. brancoi*, OD)]. Slightly more involute than *Alocolytoceras*, with higher whorl expansion rate and more constrictions per whorl; whorl section rounded, circular to compressed or subtriangular with narrower venter; 10 to 20 weak to strong constrictions per whorl on mold and shell surface, which curve forward to form coarse chevrons on venter (chevrons not developed in *Alocolytoceras*), occasionally with preceding collar, depth, width, and ventral projection more strongly expressed in later whorls; interspaces with about 4 ribs; other forms with numerous constrictions that break up surface into a series of swollen ribs; contains dimorphs (HOFFMANN, 2010). **Lower Jurassic (Toarcian)–Middle Jurassic (lower Bajocian)**; Germany, Luxembourg, France, UK (England), northern Asia, southeastern Siberia.—**FIG. 12, 2a–d.** ***P. hircinum* (SCHLOTHEIM)**; **a–c**, **lectotype** (designated by HOFFMANN, 2010, p. 46), Museum of Natural History Berlin, specimen number MB.C.14485.1, Toarcian, Germany (Aschach, near Amberg), **×1.0** (new); **d**, suture, Toarcian, Germany (Dörnten) (adapted from Schindewolf, 1961, p. 670, fig. 8e).—**FIG. 12, 2e–g**, *P. torulosum*, holotype, upper Toarcian, Baden-Württemberg, Germany, ×0.5 (Zieten, 1831 in 1830–1833, pl. 14, 1).

Genus Stratigraphic Range

Figure Number & Part

Species Name & (Authority), don't include genus initial!

Specimen Type

Fig. Magnification