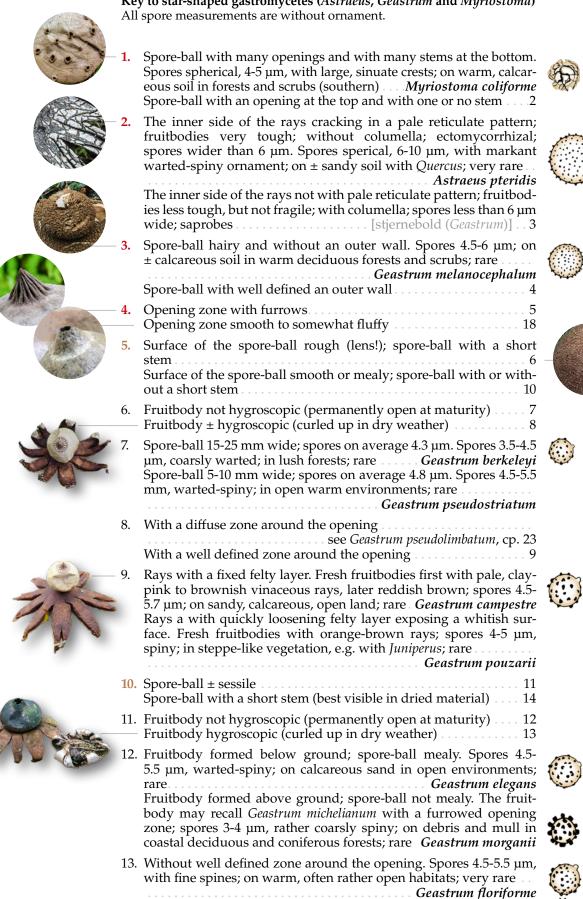
Key to star-shaped gastromycetes (Astraeus, Geastrum and Myriostoma)



With well defined zone around the opening. Spores 4-4.5 µm; in warm scrubs; very rare ...... Geastrum corollinum 14. Spore-ball with downward facing collar below. Spore-ball white

		and mealy and somewhat flattened (lens-shaped); spores 4-4.5 $\mu$ m, spiny; on $\pm$ disturbed soil in parks and gardens, often below exotic coniferous trees; rather rare	
	15.	Spore-ball with furrowed base. Spores 3.5-4.5 $\mu$ m, with long, flat-topped spines; on $\pm$ calcareous soil, often below coniferous trees, including <i>Juniperus</i> , and on old anthills; rare	
		Spore-ball without furrows at base 16	
	16.	Opening zone with 20-50 furrows. Stem less than 1 mm long; spores 3.5-5 µm, with low warts; in dry, Mediterranean forest on often sandy soil	
	17.	Surface of the spore ball $\pm$ mealy; stem very short. Spores 4-6 $\mu$ m, with irregular or even sinuate warts; in dry, Mediterranean parks and forest with e.g. <i>Olea</i> and <i>Cupressus</i> . <i>Geastrum parvistriatum</i> Surface of the spore ball smooth; stem more than 1 mm long. Spores 4.5-5.5 $\mu$ m, with low warts; in calcareous sand; rare	
	18.	Fruitbody stands erect upon an immersed bowl-like base; mostly with four rays	
	19.	With a diffuse zone around the opening; spore-ball rather dark, 10-15 mm wide. Spores 3.5-4.5 µm, finely spiny; in lush forests and scrubs, sometimes in hollows in old trees; rare <i>Geastrum fornicatum</i> With well defined zone around the opening; spore-ball with a pale, finely mealy surface, 5-10 mm wide	
	20.	Crystals on the surface of the spore-ball doublepyramidal, (10-) 15-50 (-60) µm; spores spherical, (4.5-) 5-6 µm with 0.8 µm high warts. Spore-ball 5-10 mm wide; on needle debris on clay, ± calcareous soil; rare	
	21.	Spore-ball with a short stem (best visible in dried material) 22 Spore-ball sessile 27	
	22.	With diffuse or absent zone around the opening 23 With well defined zone around the opening 25	
	23.	Fruitbody with flesh-pink ( ) shades, especially as young. Spore-ball 10-30 mm wide; spores 4.5-5.5 $\mu$ m, coarsly warted; on $\pm$ calcareous soil in forests and scrubs; rather rare. <i>Geastrum rufescens</i> Fruitbody greyish to $\pm$ brown ( ), without pinkish shades	
	24.	Spores 4.5-5.5 µm, rather coarsly ornamented	
		see <i>Geastrum pseudolimbatum</i> , cp. 25 Spores 4-5 µm, finely ornamented. Spore-ball 10-35 mm wide; on rich soil in warm scrubs, parks and gardens; rare <i>Geastrum coronatum</i>	
	25.	Fruitbody somewhat hygroscopic; spore-ball with a pronounced stem. The spore-ball 7-15 mm wide, not quite covered by the rays in dry condition; spores 4.5-5.5 $\mu$ m, spiny; on $\pm$ calcareous soil in warm tørre habitats; rare	
	26.	Rays with a well fixed felt layer that incorporates soil; with curled	

