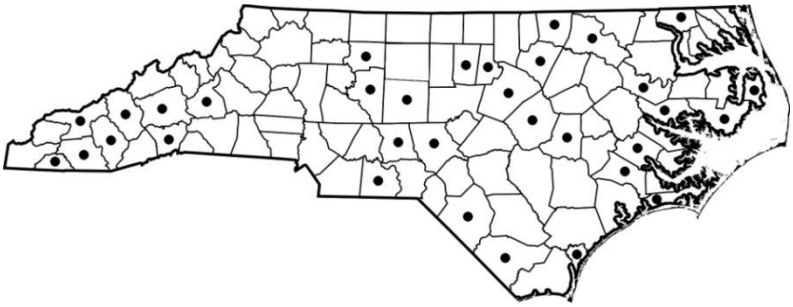
Bjerkandera adusta (Willd.) P. Karst.

Syn: *Polyporus adustus (Willd.)Fr.*

Profile Group: Basidiomycota, Polyporales,Meruliaceae

Macroscopic characters	shape	Sessile; effused-reflexed; occasionally resupinate; often in imbricate clusters
	size	Reflexed up to 3 cm
	texture	Tough
	pileus	Cream to buff; tomentose or strigose to glabrous with age
	stipe	None
	context	Pale buff; azonate; distinct thin upper layer of tomentum up to 6 mm thick
	pore surface	Gray to black
	pores	Angular; regular; 6-7 per mm
	tube layer(s)	Smoky gray; distinct from context; up to 1 mm thick
Microscopic characters	hyphal system	Monomitic; with thin- and thick- walled generative hyphae
	clamp connections	Contextual hyphae with abundant clamps
	sterile elements	Dark brownish vascular hyphae sometimes present in subhymenium and in hymenial layer
	basidiospores	Short-cylindric; hyaline; smooth; 5-6 x 2.5-3.5 µm
Habitat characters	substrate/host	Many genera of hardwoods; rarely on conifers
	seasonality	Annual
	type of decay	White rot of logs and slash
	range	Circumglobal in the Northern Hemisphere
Notes		
References		Gilbertson & Ryvarden, 1986; Overholts, 1953



Species distribution in North Carolina

Last update: 13 May, 2011 by B.R. Cody
Last review: 13 May, 2011 by L.F. Grand

NC STATE UNIVERSITY

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Habit of Basidiocarp

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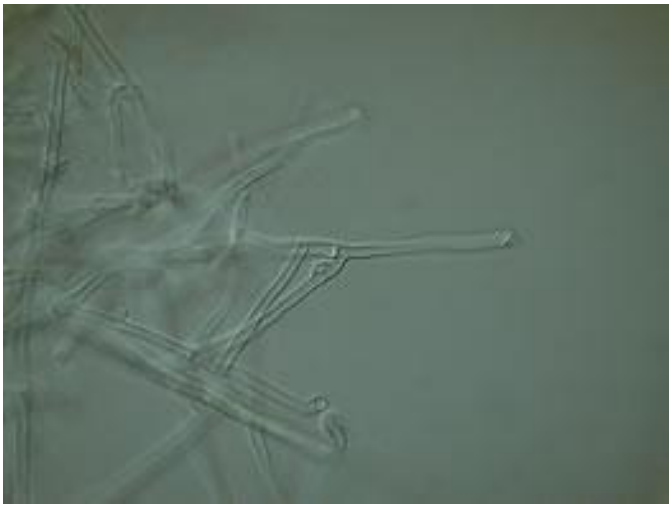
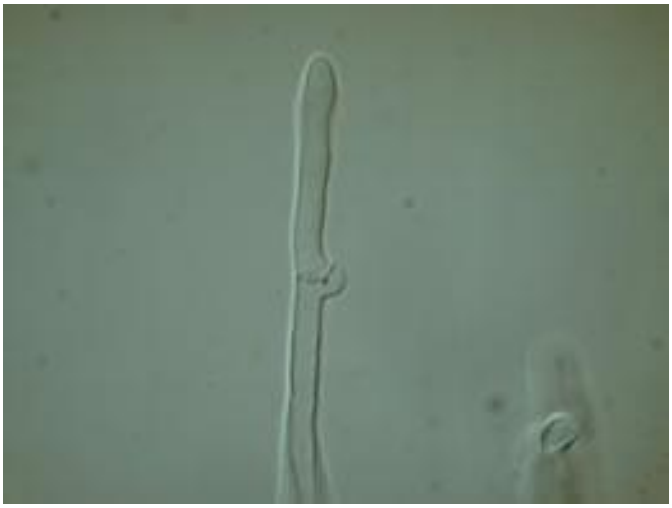


Generative Hyphae & Clamp Connection – 400 X



Generative Hyphae & Clamp Connection – 1000 X

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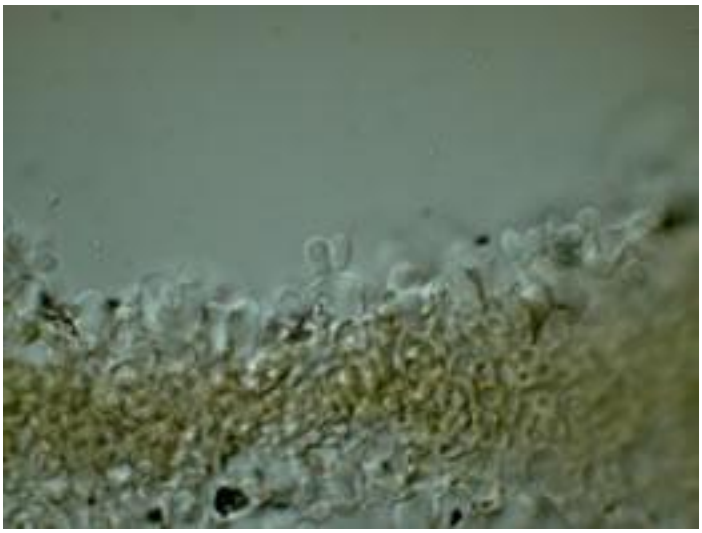
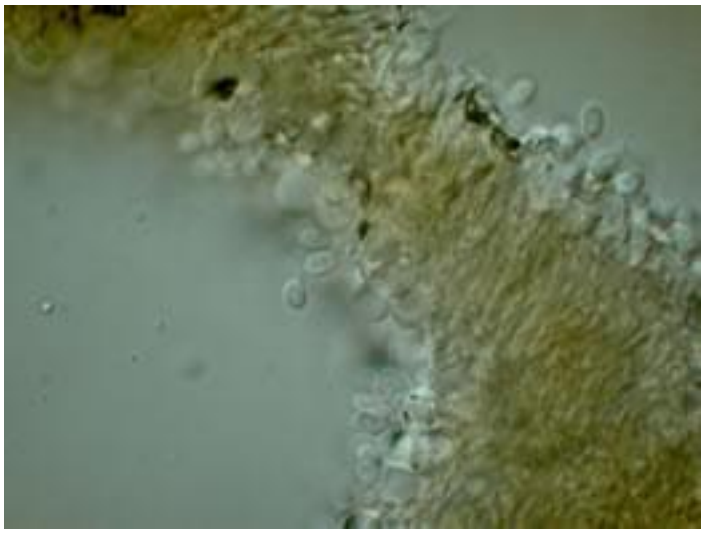


Basidiospores - 1000 X



Basidiospores - 1000 X