

Carbon Cushion
Brittle Canker

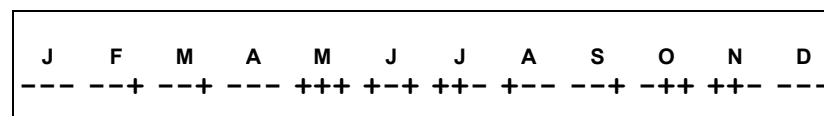
Kretzschmaria deusta
(Hoffmann) P.M.D. Martin



OVERALL (sexual & asexual): Gorman Valley NRA, 5/19/2016, *J. Solem*.
OVERALL (asexual): Big Branch, 5/31/2016, *J. Solem*.
OVERALL (asexual): Morning Choice Trail, PVSP, 7/5/2011, *R. Orr*.
OVERALL (sexual): Cascade Trail, PVSP, 3/30/2016, *J. Solem*.

Carbon Cushion
Brittle Canker

Kretzschmaria deusta
Xylariaceae



ID: Gray, soft, thin (asexual) or black, hard, brittle (sexual) crust.

Habitat: Solitary, scattered. Stumps, base of hardwood (oak) trees.

Fruiting Body: 1.8 – 3.5" x 1/32 – 1/4" [4.5 – 9 cm x 1 – 6 mm]

Asexual: Surface grayish-white, soft, powdery w/ multiple rounded lobes. Flesh white, soft.

Sexual: Black, hard, brittle, roughened like burnt wood. (Soft, white flesh becomes black.) Easily detached from wood. Pimple-like petiothecia embedded in single layer.

Ascospores: Irregularly elliptic w/ one side flattened.

Conidia: Smooth, fusiform, hyaline.

Frequency: Common.

Locations: BIGBR, CASCT, CEDLP, DANPV, DEDLP, DORWD, GONRA, HENPV, MANWD, MCHPV, MURHL, OTHER, PIGTL, ROBNC, SLMLP, WINTR, WSTRP.

Notes: Mycobank 316081.

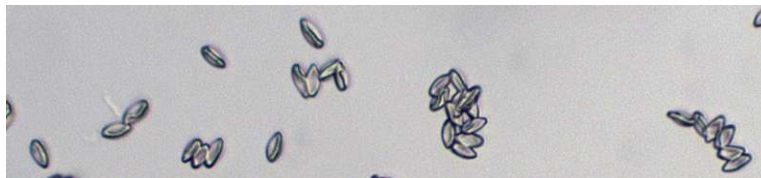
Synonym: *Ustulina deusta* [deprecated].

References: BBB 332. BBF 525, 23. BBH 363. BRBD 325, 87. E&S 111. Lin 375, 669. Stu 433. W&L 78-9.

Phi 376. http://pyrenomycetes.free.fr/kretzschmaria/html/Kretzschmaria_deusta.htm



SPORES (28.9-31.6 X 8.2-8.8 µm): Gorman Valley NRA, 5/19/2016, *R. Solem*.



CONIDIA (5.7-3.4 X 2.9-3.2): Big Branch, 5/31/2016, *R. Solem*.