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**IN VITRO SHOOT PROLIFERATION OF *Encyclia tampensis* (Lindl.) ORCHIDS**

**Monica L. Haddix, Marihelen Glass\* and Charles Raczkowski**

**Department of Natural Resources and Environmental Design, North Carolina A&T State University, Greensboro, NC 27411**

*Encyclia* is a genus of orchids with four members native to Florida that are endangered or commercially exploited. If a commercial orchid tissue culture media was found that could be used to propagate *Encyclia*, the resulting plants could be introduced into protected habitats to increase the wild populations or could be grown commercially to lessen the demand for collected plants. Six month *Encyclia tampensis* (Lindl.) seedlings were grown in Orchid Maintenance/Replate Medium w/ Banana and Charcoal with 6g/L agar (C), ½ strength Orchid Multiplication Medium with 6g/L agar and 10g/L charcoal (OM), Knudson C Orchid Medium – Morel Modification with 6g/L agar and 10g/L charcoal (K), or Vacin & Went Modified Orchid Medium w/ Agar and Sucrose with 10g/L charcoal (VW) for seven weeks. Plants grown in OM and VW media both produced more shoots and roots (7.56 leaves, 1.92 shoots and 6.55 leaves, 1.73 shoots respectively) than the control medium (5.68 leaves, 1.64 shoots) with OM producing the highest averages. Plants grown in the K medium averaged significantly less shoots and leaves than the other three media (4.48 leaves, 1.32 shoots).