



## The Surface Mining Control and Reclamation Act of 1977 states that "...a diverse, effective, and Over 1.5 million acres in the Eastern US and 378,000 acres in KY

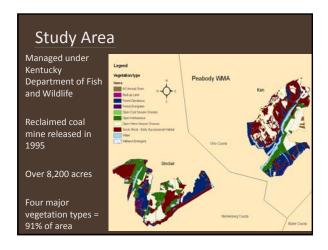
that "...a diverse, effective, and permanent vegetative cover of the same seasonal variety and native to the area and capable of self-regeneration and plant succession..." will be established.

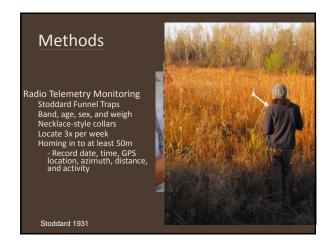


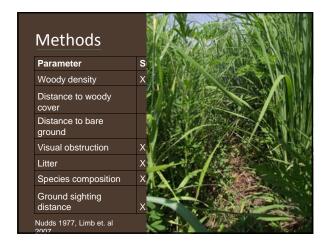
# Problems on reclaimed mines SMCRA also states that "...introduced species may be used in the revegetation process where desirable and necessary to achieve the approved postmining land use plan..."

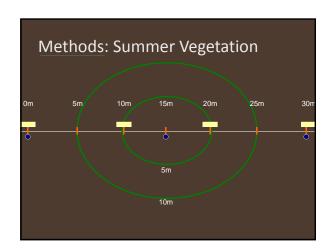


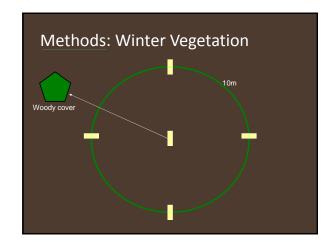


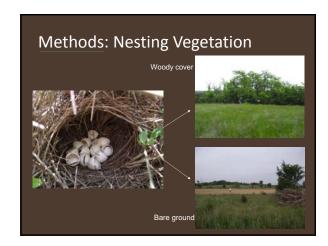


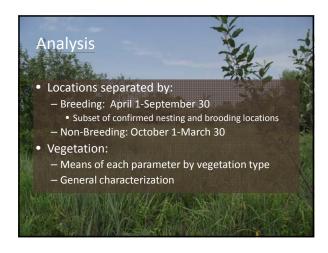












#### Habitat selection using Arthur's method: - Allows landscape to change over time - Buffer each location by average daily movement Buffer defines availability Use vs. availability analysis in SAS 9.3 to determine selection Arthur et. al 1996

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#### References

- ur, S.M., B.F. Manly, L.L. McDonald, and G.W. Garner. 1996. Assessing habitat selection when ability changes. ecology. 77 (1):215-227. anan, L.A. 1991. How can we reverse the northern bobwhite decline? Wildlife Society Bulletin 19:544

