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Peat Deposits in Nebraska

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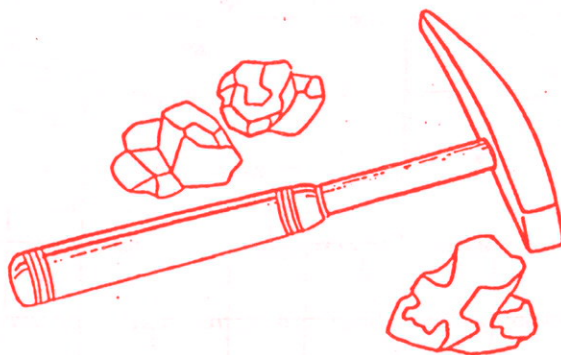
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NEBRASKA GEONOTES

PEAT DEPOSITS IN NEBRASKA

Raymond R. Burchett



NEBRASKA GEOLOGICAL SURVEY

**Conservation and Survey Division
Institute of Agriculture and Natural Resources
University of Nebraska—Lincoln**



September 1990



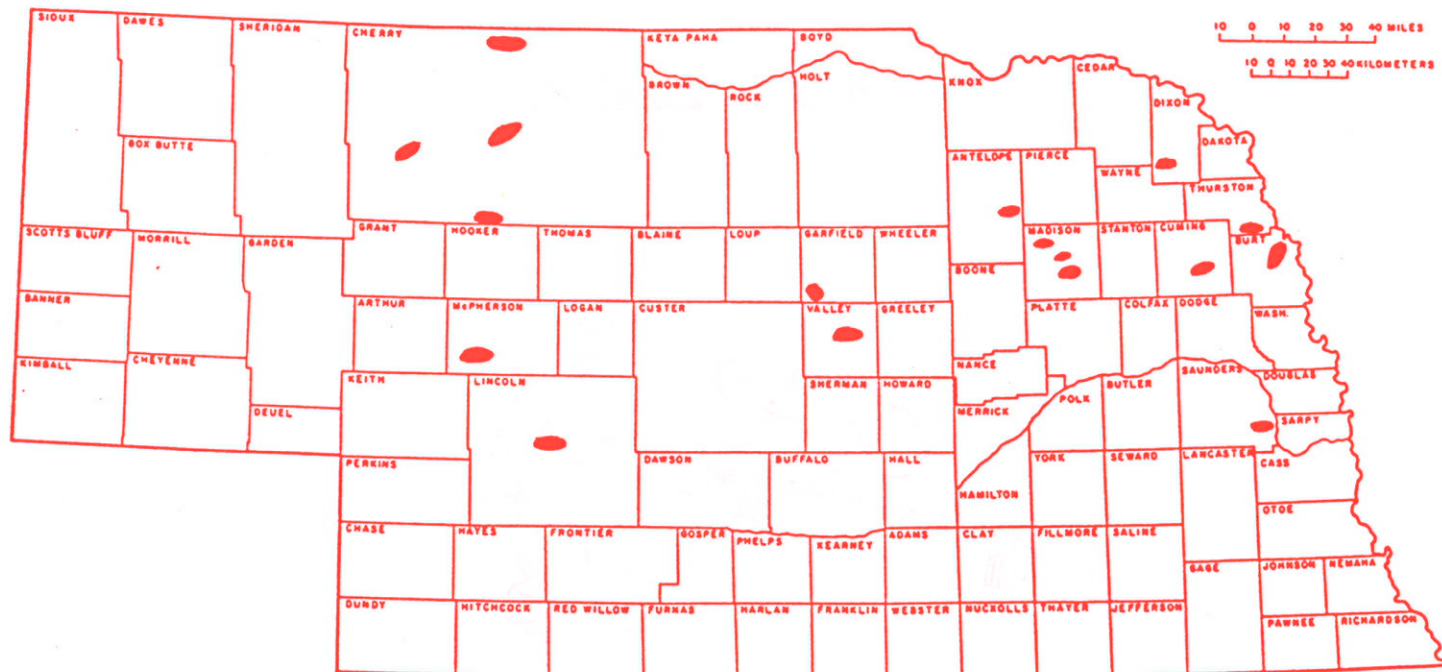
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PEAT DEPOSITS IN NEBRASKA
Raymond R. Burchett

Peat consists of partly decomposed plants that have accumulated in bogs or marshes. The four general classifications of peat are based on the plant types composing it: sphagnum moss peat, reed and sedge peats, hypnum peat, and miscellaneous peat, which includes forest peat, peat humus, peat mold and peat soils. Of these, the reed and sedge peats are most common to Nebraska and consist of the remains of reed or grass plants which grow in shallow water or swamps. Peats have been mined in the past at various locations in the state although they are scattered and of small extent. Uses of peat include horticulture, litter for the poultry industry, and filler or conditioner for fertilizers.

References

- Barbour, E. H., 1916. The natural fuels of Nebraska. Nebraska Geological Survey, Vol. 4, Part 25, pp. 339-345.
- Burchett, R. R., 1977. The mining industry, in Economic Atlas of Nebraska, University of Nebraska Press, pp. 65-68.
- Burchett, R. R., 1987. Mineral resource map of Nebraska. University of Nebraska-Lincoln, Conservation and Survey Division, Nebraska Geological Survey Map. Scale 1:1,000,000.
- Burchett, R. R., 1989. Mineral resources in An Atlas of the Sand Hills, University of Nebraska-Lincoln, Conservation and Survey Division, pp. 235-238.
- Burchett, R. R., 1989. Seward County test-hole logs. University of Nebraska-Lincoln, Conservation and Survey Division, Nebraska Water Survey Test-Hole Report No. 80.
- Condra, G. E., 1908. Geology and water resources of a portion of the the Missouri River valley in northeastern Nebraska. U. S. Geological Water-Supply Paper 215, 59 p.
- Layton, M. H., Buzzard, C. R., and Hoy, H. E., 1956. Soil Survey of Cherry County, Nebraska. U. S. Department of Agriculture, Soil Conservation Service in cooperation with the University of Nebraska-Lincoln, Conservation and Survey Division, Series 1940, No. 21, 91 p.
- Maroney, D. G., 1978. A stratigraphic and paleoecologic study of some Late Cenozoic sediments in the central Sand Hills province of Nebraska. Unpublished Ph.D. dissertation, University of Nebraska-Lincoln.
- Nebraska Geological Survey, Conservation and Survey Division, University of Nebraska-Lincoln. Unpublished data and maps.
- Schrader, F. C., Stone, R. W., and Sanford, Samuel (compilers), 1917. Useful minerals of the United States. U. S. Geological Survey Bulletin 624, 412 p.



LOCATION MAP OF PEAT DEPOSITS IN NEBRASKA

Swinehart, J. B., and Diffendal, R. F., Jr., 1989. Geology in An Atlas of the Sand Hills, University of Nebraska-Lincoln, Conservation and Survey Division, pp. 29-56.

University of Nebraska-Lincoln, Institute of Agriculture, Conservation and Survey Division, Nebraska Geological Survey 1975--. Reports titled "Nebraska Mineral Operations Review" include brief notes on peat operations in Nebraska.



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