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PRELIMINARY REPORT ON A PLEISTOCENE POND, GARDEN COUNTY, NEBRASKA

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PRELIMINARY REPORT ON A PLEISTOCENE POND, GARDEN COUNTY, NEBRASKA

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Discontinuous Pleistocene pond deposits occur along the valley sides of Dankworth Canyon southeast of Lewellen, Nebraska. At one locality the beds

exposed in a channel-fill up to six feet thick consist of sand-sized carbonate-rich sediments deposited in alternating light and dark layers resembling varves. Microscopic examination of disaggregated samples reveals that most of the sediment consists of sand and silt often cemented into tubes. Other components include several kinds of fresh water ostracodes, gastropods, charophyte gyrogonites, and bone-like debris probably from fish.