Warbler's trick halts cowbird

HANGES in the natural world are like a baseball pitcher and a batter.

A pitcher develops a new to the that is every effective in striking out batters. So the batter begins to experiment with different ways of counteracting the pitch that will result in a hit.

After a period of time, the pitch as lost its effectiveness, and the pitcher must develop a new one.

After a period of time, the plich has lost its effectiveness, and the pitcher must develop a new one.

THIS CONSTANT point/counterpoint is ongoing in the natural world.
A hawk is trying to capture me more efficiently, while the mouse is trying to evade hawks more effectively. The case of Kirtland's Warblers, which nest no only three of four countes in northern Michigan, they have headed Cowbird. Historically, cowbirds were found in the plains of North America. Though Michigan did have some native prairies, they did not extend into the northern part of the state where the Kirtland's Warbler nests — until the lumbering era created large open areas.

Cowbirds then followed the extendance of the control of the coord. One nest was discovered with six layers and a control of the coord. One nest was discovered with six layers and a control of the coord. One nest was discovered with six layers and a control of the coord. One nest was discovered with six layers and a control of the coord. One nest was the coord of the coord o

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the Kirtland's Warbler nests — until the lumbering cra created large poperareas.

Cowbirds then followed the extension of the plains into Michigan and found the Kirtland's Warbler an easy host. Many other birds are host to the cowbird and raise their young, too, but one species is changing.

YELLOW WARBLERS have been cowbird. The next move is up to the host to cowbirds for many years.

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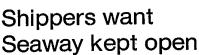
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FUELISH OFFER



AP — Delays in delivering grain from western Canada to Great Lakes ports have prompted a shippers' group to ask that the St. Lawrence Seaway remain open past its planned Dec. 17 closing.

Ted Turner, chairman of the Great Lakes Waterways Development Association, said in Ottawa has based Canadian Transport Minister John Croshie and Sinder Corkell, president of the St. Lawrence Seaway Authority, to extend operations without penalizing grain shippers.

The association sought the extension because a shortage of hopper

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cars put deliveries of grain to Thun-der Bay, Ontario, behind schedule, Turner said.

With the Canadian Wheat Board reporting record grain sales and West Coast ports operating at capac-ity, moving grain cast would mean maximum amounts could be export-ed, he said.

Besides delivering grain to over-scas customers, the Seaway should be kept open to ensure that storage elevators along the St. Lawrence are filled, Turner said. That done, grain exports could continue while the Seaway was closed for the winter, he said.

Cutaway view of a yallow warbler nest shows why it's deeper than usual. There were two layers to the nest. A cowbird egg was still in the lower level.

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7 DAYS A WEEK What other

County trash plant advances

An Oakland County resource re-covery plant is coming two steps closer to reality. Without comment, the board of commissioners has approved con-

commissioners has approved con-tracts for:

• Logal services, up to \$20,000, for the firm of Dickinson, Wright, Moon, VanDusen and Freeman. His firm has provided legal counsel on the project for the past five years. • Engineering services, up to \$142,000, with the firm of the Dresser & McRée, Inc. The fee in-cludes \$30,000 for a soil "aubconsul-tant."

ENGINEERING SERVICES in-clude negotiating an electric power sales contract, negotiating a steam sales contract, completing the initial site layout in Pontlac, preparing for potential vendors a request for quali-fications and drafting vendor re-quest for proposals.

Under a 1978 state law, county ex-ceutive Daniel T. Murphy said Oak-land has prepared a solid waste management plan, attempting to de-emphasize use of dumps and substi-tute incinerators. The incinerators will burn trash to recover resources and to generate steam and electricity for nearby off-ice and industrial users.

IN OTHER business, the board ap-proved plans to buy \$70,000 worth of videotaping equipment for the cir-cuit courtroom of Judge Norman Lippitt.

The videotapes will keep court records, eliminating the need for a

records, eliminating the local total court reporter.

Oakland and Kalamazoo countles have state Supreme Court permission for an experimental program to substitute videotape for stenographic records.



Frank H. Boos Gallery HOLIDAY AUCTION



Important painting by Michigan artist, Gari Melchers, entitled "North Sea Fisherman". Important bronze table by Diego Giacom-setti, entitled "Gueridon-atbre au Hibou". Also fine paintings and drawings by Colver, Flock, Grandgerad, Hannaford, Nolde, etc., Graphics by Miro, Whistler, Icart, Sloan, Haden and others.

Over 155 tos of jewelry, including many stocking stuffers. Jewelry includes a lady's bracelet containing 8 colored sapphires weighing approximately 40 carats total, a 3,04 carat round diamond ring, a 2,529 carat round cut diamond ring, a 1,20 carat alexanditire ring, etc. Also included are Orientalia (including a fine 19th century) Japanese (cloisonne box), silver, antique and other furnituse, smoking materials, art glass and pottery, clocks, carpets, bronzes, Victoriana, books, 2 Steinway pianos, a 1915 Chevrolter "Four-Ninety", coins and silver bar from the Atocha, 2 pony carts and much more.

EXHIBITION:

Wed., December 2 - 12 noon- 8 p.m. Thurs., December 3 - 12 noon- 8 p.m. Fri., December 4 - 10 a.m.-2 p.m.

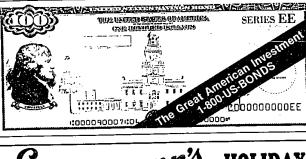
AUCTION: Fri., December 4 - 7 p.m. Sat., December 5 - 11 a.m. Sun., December 6 - Noon

Illustrated Catalogue \$10.00, \$12.00 postpaid

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