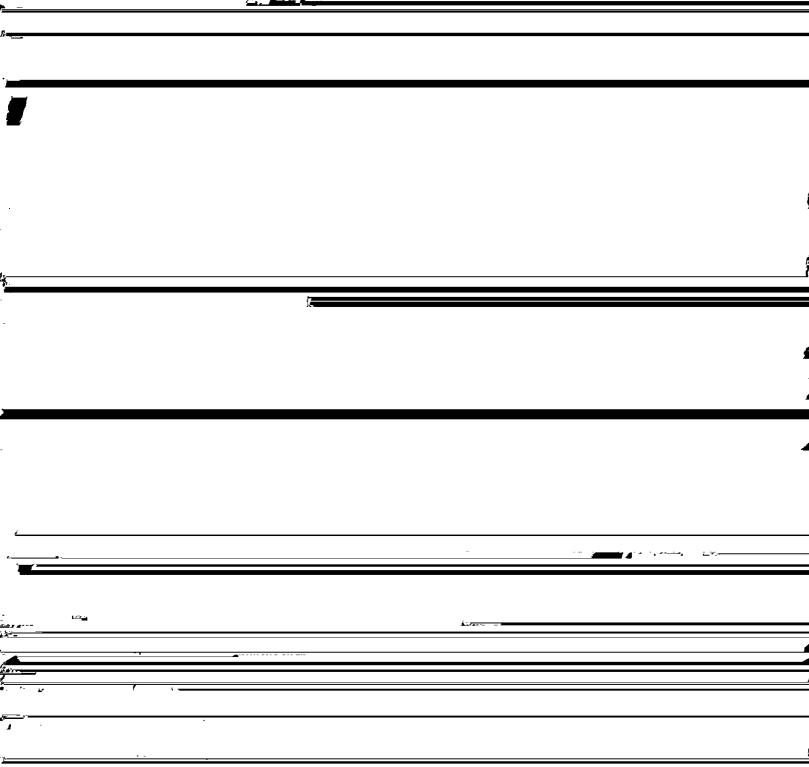
Dennis L. Scarnecchia Phillip A. Stewart

Angler Response to Harvest Regulations in Montana's Yellowstone River Paddlefish Fishery

ABSTRACT

A written, 15-question survey of anglers snagging for paddlefish (Polyodon spathula) was conducted at a popular fishing site on the Yellowstone River, Montana. Its purpose was to obtain opinions and preferences on specific regulations, including the reduction in the annual bag limit from two to one fish, catch-and-release fishing, and on the possible implementation of a harvest quota for the stock. Questionnaires were completed by 258 snaggers over the six-week



larger number of persons who purchased licenses and tags but did not fish. Questionnaires were completed by however, in other fisheries (Elser 1986), including the Missouri River in Montana above Fort Peck Dam. In

younger versus 35 years and older), sex split response occurred even though the and state of racidance (Mantana racidant versus non-resident). For all questions, bag limit from two to one fish had been P=0.05 was required for statistical presented at public meetings in eastern significance. Montana. No significant differences

Responses were summarized and

analyzed with a Chi-Square statistic

according to age (age 34 years and

Of the 258 snaggers who completed the questionnaire, 235 (91%) were male and 23 (9%) were female, 139 (54%) residence (P=0.26).

Table 2. Percent responses to questions related

Slightly more snaggers agreed than

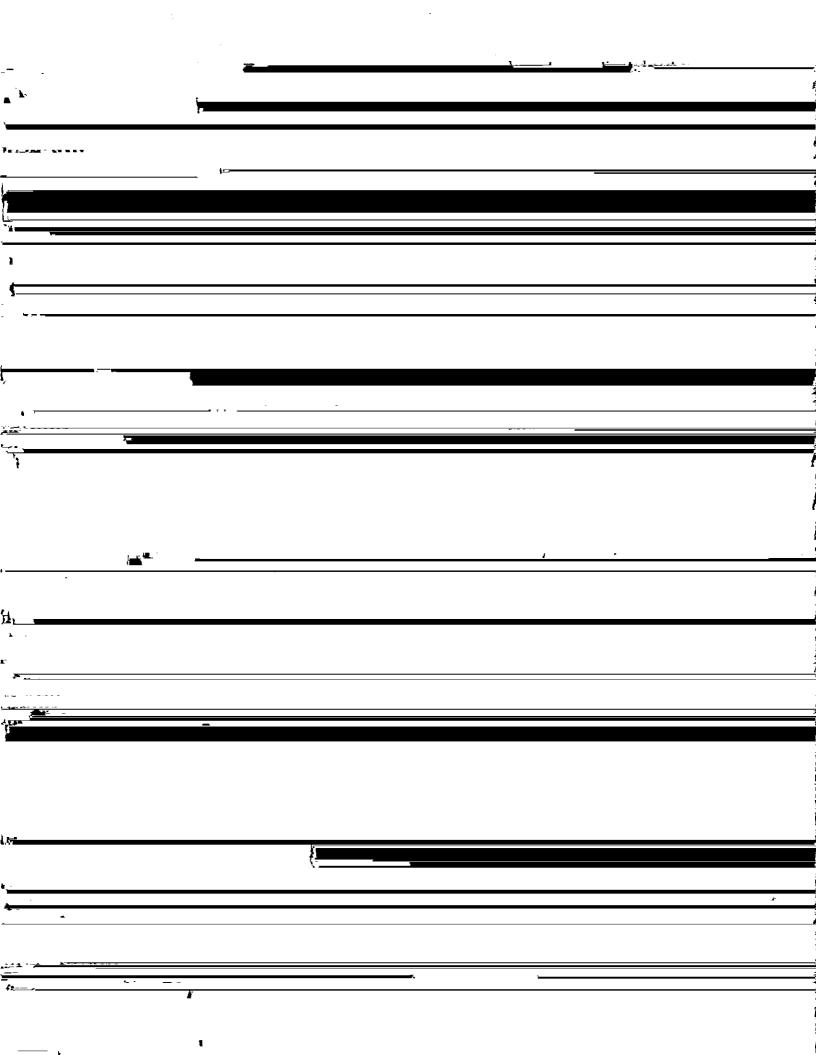
disagreed with the conservation value of

the bag limit reduction (Table 2). This

Support for no quota option was strong, but snaggers most favored Inseason Closure (Table 3). No

10 m

Snaggers were split on whether a two-fish or one-fish annual bag limit would be preferable under a quota



evaluated through inspections of recaptured fish and with searches for dead or distressed paddlefish. Results necessary under present fishing interest and a one-fish bag limit. The strong support (73% of **1**;

status, management and propagation. North Central Digition Amora Fish Soc. Special Sec.

pelagic species (TOPS) Tournament and Fish Trackers, Inc. tag and

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