

PROBLEMS AND STRATEGIES FOR MARTEN MANAGEMENT IN MAINE

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Problem 1: Current harvest levels may prevent attainment of abundance objectives.

Strategy 1.1: Evaluate effectiveness and enforceability of alternative methods for reducing a management unit's marten catch (i.e., season bag limit; reduced season length; 24-hour trap check; trap limit; non-resident closure; outlaw certain set types; closed season).

Problem 2: Lack of information on whether the HIS adequately measures habitat quantity and quality and carrying capacity on a WMU basis.

Strategy 2.1: Evaluate the existing method for measuring habitat and estimating carrying capacity.

Problem 3: Lack of information on the size and dynamics of marten population on a WMU basis.

Strategy 3.1: Develop and implement a system to monitor populations and regulate harvest on a WMU basis.

Problem 4: High trapping pressure in areas where population expansion is desirable (WMU 3).

Strategy 4.1: Develop a public information program regarding attempted population expansion to WMU 3.

Strategy 4.2: Close and enforce land trapping in transplant area.

Strategy 4.3: Conduct Marten catch and release to desired section of WMU 3.

Problem 5: High trapability of marten when other furbearers are being trapped for.

Marten Problems and Strategies

Strategy 5.1: Conduct research which evaluates possible trapping methods which selectively exclude marten.

Strategy 5.2: Conduct research which determines how easily marten, compared to other upland furbearers, are caught.

Problem 6: Habitat declines may reduce marten populations in WMU 2 and parts of WMU1 and 3.

Strategy 6.1: Perform extension work with land companies to include concern for marten in their silvicultural plans.

Strategy 6.2: Investigate the possibility of including marten habitat considerations under land use zoning guidelines.

Strategy 6.3: Integrate marten habitat management into public lot and wildlife management area plans.

Problem 7: Opposition to consumptive use of marten by non-consumptive users.

Strategy 7.1: Develop programs to minimize the conflicts and concerns of non-consumptive users and maintain use opportunity.