

# FISHER AND MARTEN IN CALIFORNIA

## *Presentation Schedule*

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**Tuesday, February 7th**

7:00 **Registration**

8:00 **Introduction & Welcome, Falxa**

8:10 Using Collaboration in Resolving Critical Issues for Fisher Conservation; *Finley* 7

### ***Updates on Science and Management***

8:30 Science as it Relates to Fisher and Marten Management: Public Lands; *Zielinski* 31

9:00 Science as it Relates to Fisher and Marten Management: Private Lands; *Diller* 6

9:30 Science, Management and Cultural Significance of Fisher and Marten on Tribal Lands; *Higley* 10

9:50 **Break (20 min - Poster setup)**

10:10 New Habitat Models for American Martens in California; *Slauson et al.* 25

10:40 Conservation Genetics of Fisher and Marten: What We Know and What We Need To Learn; *Schwartz* 23

11:10 The Relevance of Regional-Scale Habitat Models to Fisher Conservation; *Carroll* 5

11:30 Short-Term Effects of Fire and Fire Surrogate Treatments on Fisher Habitat in the Sierra Nevada;  
*Truex and Zielinski* 28

11:50 Challenges to Designing Studies to Address Wildlife Response to Forest Management: Preliminary  
Results from a Study Examining the Effects of Fuels Treatments on Fishers; *Purcell et al.* 21

12:10 **Lunch (provided; 1.5 hours)**

13:40 The Science of Fisher Reintroductions: Planning, Implementation, and Monitoring; *Lewis* 16

14:00 Evaluating the Demographic Factors that Affect the Success of Reintroducing Fishers (*Martes pennanti*)  
and the Effect of Removals on a Source Population; *Powell and Zielinski* 20

14:20 Food Habits of Fisher in California; *Golightly* 8

14:40 Interactions between Fishers and Martens in California and Implications for their Conservation;  
*Zielinski et al.* 33

15:00 A Conservation Strategy for Fishers in California, Including the Feasibility of Reintroduction; *Burkett* 4

15:20 **Break (30 min)**

15:50 The Role and Expectations of the Federal Fisher Science Team; *Aubry* 1

16:10 Freel Redux: Updating Fisher Habitat Guidelines for USDA Forest Service Lands in California; *Kucera* 14

16:30 Closing remarks

18:00 **Poster Social**

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### **Tuesday Evening (18:00-20:30 in Capitol A&B): Poster Session and Evening Mixer**

Fisher Database Interactive Demonstration; <i>Aubry - Location will be Announced</i>	
Distribution and Habitat Associations of Marten and Fisher in Sequoia and Kings Canyon National Parks; <i>Green et al.</i>	9
New Microsatellite Markers for Population Genetic Studies of Fishers; <i>Jordan et al.</i>	11
Multiple-Scale Habitat Modeling for the American Marten in Northeastern California; <i>Kirk et al.</i>	13
The Current Distribution of the Fisher and the Humboldt Marten in California; <i>Kucera</i>	15
Feasibility Assessment for Reintroducing Fishers ( <i>Martes pennanti</i> ) to Washington; <i>Lewis et al.</i>	17
Seasonal Distribution of Marten Detections in the Lassen Peak Region; <i>Perrine and Zielinski</i>	19
Efficacy of Two New Hair-Snaring Devices to Survey and Identify Mesocarnivores Using DNA Analysis; <i>Schlexer et al.</i>	22
Regional and Landscape Habitat Factors Predict Fisher Distribution in California; <i>Seo et al.</i>	24
Genetic Differentiation of Martens ( <i>Martes americana</i> ) in Oregon and California – Does the Humboldt Marten Exist?; <i>Stone et al.</i>	26
The Abundance and Density of Fisher ( <i>Martes pennanti</i> ) on Managed Timberlands in North Coastal California; <i>Thompson et al.</i>	27
Distribution and Habitat Suitability for Fishers in the Eastern Klamath and South Cascades Bioregions in Northern California: Progress to Date; <i>Yaeger et al.</i>	30
Atlas of Fisher and Marten Studies in California	

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**Wednesday, February 8th**

### *Information Needs*

- 8:00 **Introduction;** *Falxa*
- 8:05 Research and Management Needs for Fisher and Marten: A Perspective from the Environmental Community; *Britting* 3
- 8:15 Federal Land Managers and Biologists - Information Needs; *Jorgenson* 12
- 8:25 California Dept. of Fish and Game: Roles and Information Needs in Forest Mustelid Conservation; *Osborn* 18
- 8:35 Private Landowners and the Conservation of Fisher and Marten; *J. Barrett*
- 8:45 Monitoring Fisher and Marten Populations and Habitat: I; *Truex and Zielinski* 29
- 9:05 Monitoring Fisher and Marten Populations and Habitat: II; *Zielinski and Truex* 32
- 9:25 Current Fisher and Marten Conservation Efforts: How Did We Get Here and Where Are We Heading?; *R. Barrett* 2
- 9:40 **Break (20 min)**
- 10:00 **Discussion - Part I:** Research and Management Priorities - a Group Brainstorm
- 10:50 **Break (10 min)**
- 11:00 **Discussion - Part II:** Synthesis of the Groups' Ideas - Moving Forward
- 12:00 Wrap-up, Review discussion results; *Spencer and Valentine*