

**FY 2008 Base E FY 2008 Base Evaluation Monitoring Funded Projects**

<b>Proposal No.</b>	<b>Title</b>	<b>Investigator</b>	<b>Year</b>	<b>FY 08 Allocation</b>	<b>Unit - Fund Code</b>
INT-EM-06-03	Monitoring limber pine health in the Rocky Mountains	Kelly Burns, FHP R2	3 of 3	\$20,000	R2 - SPFH
INT-EM-07-01	Recent, Rapid, Severe Aspen Mortality in the Rocky Mountain Region (Worrall)	Jim Worrall, FHP R2	2 of 3	\$40,000	R2 - SPFH
INT-EM-07-04	The Effects of Silvicultural Manipulations On Spruce Beetle Populations (Eager)	Tom Eager, Roy Mask, FHP R2	2 of 3	\$33,000	R2 - SPFH
INT-EM-08-01	Aspen Mortality in the Rocky Mountain Region: Extent, Severity, and Causal Factors	Kurt Allen, Jim Blodgett, Kelly Burns,	1 of 3	\$52,000	R2 - SPFH
INT-EM-08-02	Whitebark Pine Stand Conditions after Mountain Pine Beetle Outbreaks	John Schwandt, Sandy Kegley, FHP	1 of 2	\$52,000	R1 - SPFH
INT	Regional projects			\$30,000	R2 - SPFH
NC-EM-07-01	Assessment and etiology of hickory ( <i>Carya</i> spp.) decline in the mid-west and northeastern regions	Jennifer Juzwik, NRS	2 of 3	\$33,500	NA - SPCH
NC-EM-07-02	Relating Black Ash ( <i>Fraxinus nigra</i> ) Decline and Regeneration to Tree Age and Site Hydrology	Brian Palik, NRS	2 of 2	\$43,000	NA - SPFH
NC-EM-08-02	Incidence and distribution of bacterial leaf scorch of hardwoods in the north central and plains states	Gerard Adams, Michigan State University	1 of 2	\$30,000	NA - SPCH
NC	Regional projects			\$30,000	NA - SPCH
NE-EM-06-03	Assessment of butternut canker on public and private lands in the eastern U.S.	Dale Bergdahl, U. VT	2 of 2	\$57,000	NA - SPCH
NE-EM-06-03	Assessment of butternut canker on public and private lands in the eastern U.S.	Scott Schlarbaum, UT	2 of 2	\$40,000	R8 - SPCH
NE-EM-07-01	Evaluating elevated levels of crown dieback among northern white-cedar ( <i>Thuja occidentalis</i> ) trees in Maine and Michigan	KaDonna Randolph	2 of 2	\$12,500	NA - SPCH

NE-EM-07-02	Documenting the Regional and Local Distribution of Native and Exotic Interfering Shrub Species in West Virginia, Ohio and Pennsylvania Forests along a Soil Fertility Gradient	Cynthia Huebner	2 of 2	\$15,000	NA - SPFH
NE-EM-08-01	Incidence and Distribution of Bacterial Leaf Scorch of Shade Trees in the Northeastern United States	Ann Gould, Rutgers U.	1 of 2	\$30,000	NA - SPCH
NE	Regional projects			\$30,000	NA - SPCH
SO-EM-08-02	Evaluation of Mortality in Redbay, Sassafras and Related Plants in Georgia	James Johnson, GA For. Com.	1 of 2	\$25,000	R8 - SPFH
SO	Regional projects			\$30,000	R8 - SPFH
WC-EM-07-01	Yellow-cedar decline: evaluating key landscape features of a climate-induced forest decline	Paul Hennon and Dustin Wittwer, FHP R10	2 of 2	\$9,000	R10 - SPFH
WC-EM-07-05	Improving the interpretation of lichen biomonitoring for nitric acid and ozone air pollution in the detection monitoring program	Pamela Padget, PSW	2 of 3	\$26,000	PSW - SPFH
WC-EM-08-01	Changes in fragmentation of western Washington forest land	Andrew Gray, USFS PNW	1 of 1	\$20,000	PNW - SPFH
WC-EM-08-03	Assessing mortality and regeneration of larch* ( <i>Larix laricina</i> ) after a 1999-2004 landscape level outbreak of the larch sawfly ( <i>Pristiphora erichsonii</i> ) in Alaska.	Roger Burnside, AK DNR	1 of 2	\$9,000	R10 - SPCH

WC	Regional projects			\$30,000	R6 - SPFH
<b>Total</b>				<b>\$697,000</b>	

### FY 2008 Fire Evaluation Monitoring Funded Projects

Proposal No.	Title	Investigator	Year	FY08 Allocation	Unit - Fund Code
INT-F-06-01	Monitoring the condition of aspen in the Northern and Intermountain Regions	John Guyon, FHP R4; Jim Hoffman, FHP R4; Marcus Jackson, FHP R1	3 of 3	\$34,000	R4 - SPS4
INT-F-07-01	Contribution of landscape level bark beetle outbreaks to fuel loading and fire behavior in pine forests of the Southwest (McMillin)	Joel McMillin, FHP R3	2 of 2	\$34,000	R3 - SPS4
INT-F-07-02	Bugs & Burns: Effects of Fire on Ponderosa Pine Bark Beetle (DeGomez)	Tom Degomez, U or AZ	2 of 3	\$37,000	R3 - SPS5
INT-F-07-03	Monitoring bark beetle-caused mortality and relation to fire occurrence	Sheryll Costello, FHP R2	2 of 2	\$28,000	R2 - SPS4
INT-F-07-05	Modeling Fire Spread and Intensity across Bark Beetle-Affected Landscapes (Jenkins)	Michael Jenkins, USU	2 of 2	\$32,000	R4 - SPS5
INT-F-08-01	Evaluating and Monitoring Mountain Pine Beetle Infestation in Fire-Damaged Ponderosa and Lodgepole Pine Stands.	Darren Blackford, FHP R4	1 of 3	\$32,000	R4 - SPS4
NC-F-06-01	Assessing indicator sensitivity for monitoring the effects of woody encroachment and restoration on forest health in oak savannas and woodlands in Central Iowa	Heidi Asbjornsen, ISU	3 of 3	\$22,000	NA - SPS5
NC-F-06-02	Effects of prescribed fire on upland oak forest ecosystems in Missouri Ozarks	Daniel Dey, Zhaofei Fan, U of MO	3 of 3	\$62,000	NA - SPS5
NC-F-07-1	Assessing indicator sensitivity for monitoring the effects of fire and species reintroductions on soils and plant communities during intensive restoration of	Lars Brudvig, ISU	3 of 3	\$30,000	NA - SPS5

NE-F-08-01	Interactions among gypsy moth, wildfire, forest health management, and climate change	John Hom, USFS, Northern Global Climate Change Program	1 of 2	\$48,000	NA - SPS5
WC-F-07-01	Determining extent and severity of Balsam Woolly Adelgid-caused mortality on eastside Washington and Oregon forests.	Lia Spiegel, FHP R6	2 of 2	\$19,000	R6 - SPS4
WC-F-08-01	Monitoring invasive bark and woodboring beetles in periurban forests following wildfire	Steve Seybold, USFS PSW	1 of 2	\$37,000	PSW - SPS4
WC-F-08-02	Natural and anthropogenic threats to California's endemic foxtail pine (Pinus balfouriana)	Joan Dunlap, USFS R5	1 of 2	\$23,000	R5 - SPS4
WC-F-08-03	Monitoring Survival of Fire-injured Trees in Oregon and Washington	Robert Progar, USFS PNW	1 of 3	\$48,000	PNW - SPS4
<b>Total</b>				<b>\$486,000</b>	

## Evaluation Monitoring 2008

Receiving Unit	SPFH	SPCH	SPS4	SPS5	Total
R1-FHP	\$52,000				\$52,000
R2-FHP	\$175,000		\$28,000		\$203,000
R3-FHP			\$34,000	\$37,000	\$71,000
R4-FHP			\$98,000		\$98,000
R5-FHP			\$23,000		\$23,000
R6-FHP	\$30,000		\$19,000		\$49,000
R8-FHP	\$55,000	\$40,000			\$95,000
R10-FHP	\$9,000	\$9,000			\$18,000
NA-FHP	\$58,000	\$226,000		\$162,000	\$446,000
PSW	\$26,000		\$37,000		
PNW	\$20,000		\$48,000		
<b>Total</b>	<b>\$425,000</b>	<b>\$275,000</b>	<b>\$287,000</b>	<b>\$199,000</b>	<b>\$1,186,000</b>