

FY 2007 Base Evaluation Monitoring Funded Projects

Proposal No.	Title	Investigator	Year	FY 07 Allocation	Unit - Fund Code
INT-EM-05-04	Monitoring Host Selection Behavior and Progression of Infestation by the Mountain Pine Beetle, in Mixed Stands of Limber and Lodgepole Pine	Steve Seybold, PSW	3 of 3	\$17,000	R2 - SPFH
INT-EM-06-01	The influence of wolves on decline in aspen communities in northern AZ	Tom DeGomez, Univ. of AZ	2 of 2	\$23,500	R3 - SPFH
INT-EM-06-03	Monitoring limber pine health in the Rocky Mountains	Kelly Burns, FHP R2	2 of 3	\$60,000	R2 - SPFH
INT-EM-07-01	Recent, Rapid, Severe Aspen Mortality in the Rocky Mountain Region (Worrall)	Jim Worrall, FHP R2	1 of 3	\$40,000	R2 - SPFH
INT-EM-07-02	Ground based distribution surveys for exotic Balsam Woolly Agelgid (<i>Adelges piceae</i>) in	Lee Pederson, FHP R1	1 of 1	\$21,000	R1 - SPFH
INT-EM-07-04	The Effects of Silvicultural Manipulations On Spruce Beetle Populations (Eager)	Tom Eager, Roy Mask, FHP R2	1 of 3	\$22,000	R2 - SPFH
INT	Regional projects			\$30,000	R2 - SPFH
NC-EM-06-01	Assessment of decline and contributing diseases in white ash stands in Michigan	Gerard Adams, MSU	2 of 3	\$29,000	NA - SPCH
NC-EM-07-01	Assessment and etiology of hickory (<i>Carya spp.</i>) decline in the mid-west and northeastern regions	Jennifer Juzwik, NRS	1 of 3	\$32,500	NA - SPFH
NC-EM-07-02	Relating Black Ash (<i>Fraxinus nigra</i>) Decline and Regeneration to Tree Age and Site Hydrology	Brian Palik, NRS	1 of 2	\$43,000	NA - SPCH
NC	Regional projects			\$30,000	NA - 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	1 of 2	\$20,000	NA - SPFH
NE-EM-07-02	Documenting the Regional and Local Distribution of Native and Exotic Interfering Shrub Species in West	Cynthia Huebner	1 of 2	\$13,000	NA - SPFH
NE-EM-07-05	Impact of Beech Bark Disease on unmanaged, old-growth stands of Beech-Hemlock forest type in the Allegheny National	Martin Mackenzie	1 of 1	\$15,000	NA - SPFH
NE	Regional projects			\$30,000	NA - SPFH
SO-EM-06-01	Red Bay mortality survey in the coastal region of Georgia	James Johnson, Georgia For. Com.	2 of 2	\$20,000	R8 - SPCH
SO-EM-06-02	Red Bay mortality survey in the southeastern coastal region of South Carolina	Laurie Reid, South Carolina For. Com.	2 of 2	\$20,000	R8 - SPCH
SO-EM-06-03	Modeling drought effects on forest health in the Southeast	William Bauerle, Clemson Univ.	2 of 2	\$50,000	R8 - SPCH
SO-EM-06-04	Regional oak decline-related and regular oak mortality predictions of extent and severity	Martin Spetich, SRS	2 of 2	\$55,000	R8 - SPCH
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	1 of 2	\$13,000	R10 - SPFH
WC-EM-07-05	Improving the interpretation of lichen biomonitors for nitric acid and ozone air pollution in the detection monitoring program	Pamela Padget, PSW	1 of 3	\$27,000	R5 - SPCH
WC-F-07-01	Determining extent and severity of Balsam Woolly Adelgid-caused mortality on eastside Washington and Oregon forests.	Lia Spiegel, FHP R6	1 of 2	\$29,000	R6 - SPFH
WC	Regional projects			\$30,000	R6 - SPFH
Total				\$700,000	

FY 2007 Fire Evaluation Monitoring Funded Projects

Proposal No.	Title	Investigator	Year	FY 07 Allocation	Unit - Fund Code
INT-F-05-02	Evaluation and Monitoring of Whitebark Pine Regeneration After Fire in the Frank Church River of No Return Wilderness	Lauren Fins, U of ID	3 of 3	\$66,000	R1 - SPS4
INT-F-06-01	Monitoring the conditino of aspen in the Northern and Intermountain Regions	John Guyon, FHP R4; Jim Hoffman, FHP R4; Marcus Jackson, FHP R1	2 of 3	\$34,000	R4 - SPS4
INT-F-06-03	Mountain pine beelte in lodgepole pine: Mortality and fire implications	Sheryl Costello, FHP R2	2 of 2	\$32,000	R2 - SPS4
INT-F-06-04	Monitoring tree deterioration following stand-destroying wildfires	Roy Mask, FHP R2	2 of 2	\$48,000	R2 - 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	1 of 2	\$32,000	R3 - SPS4
INT-F-07-02	Bugs & Burns: Effects of Fire on Ponderosa Pine Bark Beetle (DeGomez)	Tom Degomez, U or AZ	1 of 3	\$38,000	R3 - SPS5
INT-F-07-03	Monitoring bark beetle-caused mortality and relation to fire occurrence	Sheryll Costello, FHP R2	1 of 2	\$34,000	R2 - SPS4
INT-F-07-05	Modeling Fire Spread and Intensity across Bark Beetle-Affected Landscapes (Jenkins)	Michael Jenkins, USU	1 of 2	\$33,000	R4 - SPS5
NC-F-05-04	The distribution of mercury in a forest floor transect	C.H. Perry, NRCS	3 of 3	\$25,000	NA - SPS5
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	2 of 3	\$24,000	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	2 of 3	\$58,000	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	1 of 3	\$19,000	NA - SPS5
SO-F-05-04	Locate, map and establish long-term monitoring of exotic-invasive plant species in the Southern Appalacian Mts.	Jack Ranney, U. of TN	3 of 3	\$45,000	R8 - SPS5
SO-F-06-01	Fuel characteristics in the Southern Appalachian Mountains - a test of FIA's down woody material indicator for regional fuel estimation	Geoff Wang, Clemson Univ.	2 of 2	\$43,000	R8 - SPS5
WC-F-06-05	Estimating snag densities and down wood with aerial survey data	Keith Sprengel, FHP R6	2 of 2	\$30,000	R6 - SPS4
WC-F-06-06	Ecological impacts of invasive species after fire	Leigh Dawson, Wallowa Whitman NF	2 of 2	\$14,000	R6 - SPS4
Total				\$575,000	

Evaluation Monitoring 2007

Receivin	SPFH	SPCH	SPS4	SPS5	Total
R1-FHP	\$21,000		66,000		\$87,000
R2-FHP	\$169,000		\$114,000		\$283,000
R3-FHP	\$23,500		\$32,000	\$38,000	\$93,500
R4-FHP			\$34,000	\$33,000	\$67,000
R5-FHP		\$27,000			\$27,000
R6-FHP	\$59,000		\$44,000		\$103,000
R8-FHP	\$30,000	\$145,000		\$88,000	\$263,000
R10-FHP	\$13,000				\$13,000
NA-FHP	\$110,500	\$102,000		\$126,000	\$338,500
Total	\$426,000	\$274,000	\$290,000	\$285,000	\$1,275,000