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USGS Region	Center	FWS Region	ID	Plan?	3210APN	Title	PI	FY2006*	FY2007*	FY2008*	FY2009*
Central	CERC	2	04-R2-02	Yes	9.7	Why do egrets and herons nest in urban environments? Establishing causality and associated health hazards	Miguel Mora	55702	0	0	0
Central	CERC	3	04-R3-02	Yes	9.5	Characterization and development of alarm substance pheromone to control invasive bighead and silver carp	Ed Little	75000	0	0	0
Central	CERC	2	05-R2-05	Yes	9.9	Effects of Antimycin A, Round-up, Garland, and copper, cadmium, and selenium on the threatened Chiricahua Leopard Frog	Ed Little	46725	0	0	0
Central	CERC	3	05-R3-05	Yes	9.11	Determine the sensitivity of Ozark mussels to zinc and lead in water and sediment	Chris Ingersoll	25000	0	0	0
Central	CERC	3	06-R3-03	TA	9.12	Classification and Mapping of Natural and Semi-Natural Vegetation Communities at Big Muddy National Fish and Wildlife Refuge	Keith Grabner, Matthew Struckhoff	35195	45287	46762	0
Central	CERC	4	06-R4-02	Yes	9.13	Adaptation and establishment of microchemical methods to analyze elemental patterns in calcified structures of sturgeon for determining origins and movements of freshwater sturgeon in the Mississippi and Missouri river basins.	Darin Simpkins	45795	33422	0	0
Central	FORT	6	03-R6-01	Yes	7.6	Riparian willow restoration along the Illinois River at Arapaho NWR, Colorado.	Gregor Auble (FORT), Murray Laubhan (NPWRC), Michael Scott (FORT)	12500	12500	12500	0
Central	FORT	6	03-R6-03	Yes	7.7	Effects of ungulate browsing on post-fire recovery of cottonwoods and willows: implications for management of riparian forests.	Michael Scott (FORT)	11500	0	0	0
Central	FORT	8	05-R1-17	TA	7.17	Extend Klamath River young of year salmon habitat monitoring and modeling	Sam Williamson	35000	35000	0	0
Central	FORT	2	05-R2-01	TA	7.16	To determine if physical and behavioral conditioning increases short-term survival of hatchery reared bonytail and razorback suckers exposed to large predators	Gordon Mueller, BOR; Jeanette Carpenter, USGS	40425	40950	41475	0
Central	FORT	2	05-R2-06	Yes	7.18	Bird migration patterns in the arid Southwest	Janet Ruth	33686	39250	88807	0
Central	FORT	9	05-R9-02	Yes	7.20	Using genetic tools to obtain insight into colony dynamics of the endangered Indiana bat ( <i>Myotis sodalis</i> )	Sara Oyler-McCance	55119	45788	0	0
Central	FORT	3	06-R3-10	TA	7.23	Hydroecological Integrity Assessment Process (HIP) for Missouri Streams, Phase II	Jim Henriksen	19000	0	0	0
Central	FORT	8	06-R8-02	TA	7.22	Anadromous Fish Restoration in Reaches of the Klamath River, OR and CA -AND- Modeling Anadromous Fish Restoration in the J.C. Boyle and Copco Main Channel and Bypass Reaches of the Klamath River, OR and CA.	Sharon G. Campbell, Jim Henriksen	30316	0	0	0
Central	NPWRC	6	01-R6-07	Yes	10.7	Grassland easements/wind generators	Douglas Johnson, NPWRC	74000	0	0	0
Central	NPWRC	6	04-R6-01	Yes	10.9	Effects of grazing regimes on distribution and abundance of grassland birds at Valentine National Wildlife Refuge	Pam Pietz	36160	0	0	0
Central	NPWRC	6	05-R6-03	Yes	10.10	Post harvest management of agricultural fields in Nebraska's Platte River Valley: Influence on waste corn availability and migratory bird use	Mark Sherfy	40666	34007	0	0
Central	NPWRC	8	06-R8-01	Yes	10.11	Channel Island Fox: Identification of factors influencing breeding success and productivity in captive populations of the endangered Channel Island Fox	Marsha A. Sovada	79375	59555	0	0
Central	NRMSC	6	05-R6-05	Yes	18.3	Evaluation of montane wetland management: can we improve waterbird fitness through habitat management?	Richard Sojda	10894	11104	11288	0
Central	NWHC	8	06-R8-03	TA	19.2	Die-Off of Western Snowy Plovers ( <i>Charadrius alexandrinus nivosus</i> ) at San Diego Bay	Rex Sohn	21813	0	0	0

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Central	NWRC	2	04-R2-03	Yes	8.3	Using prescribed fire to reduce the risk of catastrophic wildfire for habitat of the endangered golden-checked warbler at the wildland-urban interface.	Jim Grace	67380	86091	68741	0
Central	NWRC	2	04-R2-04	Yes	8.4	Population genetics of endangered plant species in the lower Rio Grande corridor	Steve Travis	28860	0	0	0
Central	NWRC	2	05-R2-02	Yes	8.6	Effects of prescribed burning on marsh elevation change and the risk of wetland loss	Karen McKee	36766	36996	36199	0
Central	NWRC	4	05-R4-01	TA	8.5	Ecoregional Science and Technology Support (ESTS) – Lower Mississippi Valley – Phase I.	Helen Whiffen, Larry Handley	55000	60000	0	0
Central	WRD	4	05-R4-02	Yes	15.5	Collection of Hydrologic Information to Delineate the Extent of Local Water Recharge to Selected Caves in the Ozark Plateaus of Arkansas and Oklahoma	Dave Freiwald, Arkansas Water District	25000	25000	0	0
CRU	CRU	2	02-R2-06	Yes	14.57	Effects of water development on desert bighorn sheep at Cabeza Prieta, NWR, AZ	Scott Bonar, Arizona Coop Unit	13383	0	0	0
CRU	CRU	2	03-R2-05	Yes	14.25	Ecology of mountain lions in a priority recovery area for the endangered desert bighorn sheep: San Andreas National Wildlife Refuge.	Louis C. Bender (CRU New Mexico State Univ.)	36500	25000	0	0
CRU	CRU	4	03-R4-02	Yes	14.26	Longleaf systems and carbon sequestration.	Barry Grand (CRU Auburn Univ).	45000	0	0	0
CRU	CRU	4	03-R4-03	Yes	14.27	Augment and expand existing endangered and species of concern mussel populations in the upper Tennessee and Cumberland River systems, Tennessee.	Dick Neves (CRU VA Tech)	35000	0	0	0
CRU	CRU	1	04-R1-02	Yes	14.37	Development and application of a habitat distribution and selection model for identifying potential reintroduction sites for pygmy rabbits	Robert Anthony	30000	0	0	0
CRU	CRU	5	04-R5-04	Yes	14.31	Predicting responses of snowshoe hares and Canada lynx to alternative forest harvesting scenarios across multiple spatial scales in Northern Maine	William Krohn	20640	0	0	0
CRU	CRU	6	04-R6-02	Yes	14.35	Evaluation and action plan for protection of 15 threatened adfluvial populations of bull trout in Glacier National Park, Montana	Chris Guy, MT CRU	36123	16588	0	0
CRU	CRU	6	04-R6-04	Yes	14.45	Effects of incidental takings on the population viability of Great Plains piping plover	Charles Rabeni, Mark Ryan	22725	23778	5671	0
CRU	CRU	6	04-R6-05	Yes	14.42	The temporal and spatial distribution of RMP sandhill cranes in response to habitat conditions determined by climate, geomorphology, and land use on public and private lands along an intermountain corridor	Chuck Berry	55000	55000	0	0
CRU	CRU	7	04-R7-04	Yes	14.43	Over-winter adult mortality on the Porcupine caribou herd during a population decline	Brad Griffith	29000	0	0	0
CRU	CRU	1	05-R1-06	Yes	14.49	Exploring Feasibility of Proposed Control Strategies for New Zealand Mud Snails at Fish Hatcheries	Christine Moffitt	12000	0	0	0
CRU	CRU	8	05-R1-16	Yes	14.58	Determination of the subspecies status of the Palm Springs round-tailed ground squirrel: Implications for conservation and listing	Dana Winkleman, CRU CO, Marlis Douglas	23215	0	0	0
CRU	CRU	2	05-R2-04	Yes	14.51	Reproductive ecology, behavior, and dietary studies of a captive herd of Sonoran Pronghorn on the Cabeza Prieta NWR	Scott Bonar, Paul Krausman	8725	0	0	0
CRU	CRU	3	05-R3-04	Yes	14.55	Habitat use of post-fledging forest nesting songbirds in the northern hardwood-coniferous forests in Northern MN	David Andersen	48381	50161	30761	0
CRU	CRU	5	05-R5-02	Yes	14.46	Status Review and Conservation of Blanding's Turtles in New England	Paul Sievert, Malcolm Hunter	28566	0	0	0

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CRU	CRU	5	05-R5-03	Yes	14.47	Feeding Regimes for Maintaining a Suite of Endangered Freshwater Mussels in Hatchery Settings	Richard Neves	31206	0	0	0
CRU	CRU	5	05-R5-05	Yes	14.48	Using Adult Sea lampreys to Investigate Potential Alternative Methods of Controlling Population Abundance	Donna Parrish	27345	0	0	0
CRU	CRU	6	05-R6-04	Yes	14.50	Freshwater mussels at Marais Des Cygnes NWR: Sediment load, microhabitat, minimum in-stream flows	Charles Rabeni	20900	11000	0	0
CRU	CRU	1	06-R1-04	Yes	14.67	Trumpeter Swan Lead Shot Poisoning	Christian E. Grue	15039	0	0	0
CRU	CRU	3	06-R3-01	Yes	14.59	Evaluation of Sampling Protocols Used to Determine the Status and Trends of Rare and Endangered Missouri River Fishes	Craig Paukert, Kansas CRU	28124	48489	27071	0
CRU	CRU	4	06-R4-01	Yes	14.63	Science Support for the Upper Coosa Basin Phase I	James Peterson GA CRU, Mary Freeman PWRC	44625	82950	82950	44625
CRU	CRU	4	06-R4-03	Yes	14.62	Development of population and habitat objectives for FWS Trust Resources in the Roanoke-Tar-Neuse-Cape Fear (RTNCF) Ecoregion of the South Atlantic Migratory Bird Initiative (SAMBI) Project Area	Jaime Collazo	43115	83736	87387	43115
CRU	CRU	4	06-R4-05	Yes	14.60	Assessment of Bottomland Hardwood Forest Dynamics: Implications to Ivory-billed Woodpecker Habitat	Sammy King, LA CRU	50000	25000	0	0
CRU	CRU	5	06-R5-05	TA	14.68	A Comprehensive Survey of Brook Trout Population Status within West Virginia in Support of the Eastern Brook Trout Joint Venture (EBTJV)	Patricia M. Mazik	25000	0	0	0
CRU	CRU	6	06-R6-02	Yes	14.66	Investigations to improve Larval Pallid Sturgeon Survival During the Onset of Exogenous Feeding	Chris Guy, CRU MT	16565	0	0	0
CRU	CRU	6	06-R6-03	Yes	14.65	An assessment of grassland and shrubland habitat conditions at Browns Park National Wildlife Refuge	Wayne Hubert, CRU WY	22000	0	0	0
CRU	CRU	7	06-R7-04	Yes	14.61	Developing ecological escapement goals for Pacific salmon: role of marine derived nutrients in the health and sustainability of resident and anadromous fishes of the Yukon drainage	Mark Wipfli, Alaska CRU	47382	75015	76855	0
CRU	CRU	7	06-R7-05	Yes	14.64	Magnitude and rates of lake drying in wetlands on National Wildlife Refuges in Alaska	Brad Griffith, Alaska CRU	64017	59882	37399	0
Eastern	FISC	9	05-R9-05	TA	5.4	Adaptive habitat management for Florida scrub jays at Merritt Island National Wildlife Refuge.	Bob Dorazio	58039	0	0	0
Eastern	GLSC	1	05-R1-05	Yes	17.5	Biochemical Approaches for Age Determination in larval Lampreys - A Feasibility Study	Roger Bergstedt, Rodger Harvey	3349	0	0	0
Eastern	GLSC	3	06-R3-04	Yes	17.7	Fish spawning grounds in the Detroit River International Wildlife Refuge.	Bruce Manny	32500	47500	0	0
Eastern	GLSC	3	06-R3-09	TA	17.6	Plasma levels of estradiol, 11-ketotestosterone, and vitellogenin in lake sturgeon (Acipenser fulvescens) to determine the sex ratio in the Huron-Erie Corridor.	Jaquelyn Craig, Timothy Gross (FISC)	14310	0	0	0
Eastern	LSC	9	05-R9-01	Yes	2.11	Application of calcein as dietary component for fish marking to enhance product evaluation and management capabilities	Dale Honeyfield	46450	45200	0	0
Eastern	LSC	3	06-R3-07	No	Pending	Captive Breeding Management and Assessment of Augmentation Efforts with Multilocus Microsatellite DNA Genotypes in the Endangered Clubshell (Pleurobema clava)	Tim King, Cheryl Morrison	26393	29505	0	0
Eastern	PWRC	1	04-R1-05	TA	3.11	Biological data management for the National Wildlife Refuge System	Bruce Peterjohn, Sam Droege	75000	0	0	0
Eastern	PWRC	2	05-R2-03	Yes	3.18	Estimating detection probabilities of golden-cheeked warblers	Jeff Hatfield, Floyd Weckerly	47989	0	0	0

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Eastern	PWRC	5	05-R5-01	Yes	3.20	Bird and Bat Migration Over Appalachian Ridges in the Mid-Atlantic Region	Deanna Dawson	82400	82400	0	0
Eastern	PWRC	9	05-R9-07	Yes	3.21	Development of a methodological framework for ecoregional scale landbird conservation planning in the forested avifaunal biomes of the United States	Dan Twedt	178169	155825	0	0
Eastern	PWRC	4	06-R4-04	No	Pending	Ratooning the early maturing rice variety 'Spring' as a waterfowl management practice in the Mississippi Alluvial Valley (MAV)	Ken Reinecke	27895	28947	13947	0
Eastern	UMESC	3	04-R3-03	Yes	6.5	Maps, models, and tools for conservation planning: focus on the cerulean warbler	Wayne Thogmartin	88112	0	0	0
Eastern	UMESC	3	05-R3-01	Yes	6.7	Elimination of Renibacterium salmoninarum, the causative agent of bacterial kidney disease, from Lake Trout eggs and juveniles	Mark Gaikowski	10000	40061	0	0
Eastern	UMESC	3	06-R3-02	TA	6.8	Science support for development and review of National Wildlife Refuge System inventory and monitoring tools and products	Pat Heglund	43037	39000	36000	0
Eastern	UMESC	3	06-R3-06	No	Pending	Translating regional population goals for bird species of concern into local habitat conservation objectives: overcoming the intervening impediments	Wayne Thogmartin	32766	72281	57501	0
Eastern	UMESC	3	06-R3-08	Yes	Pending	Advancing the Use of New Radar and Related Technologies	Rick Sodja, Pat Heglund	10000	0	0	0
Eastern	WRD	4	04-R4-02	Yes	14.39	Effects of sediment toxicity from coal mining on endangered mussel populations in the Upper Tennessee and Cumberland river drainages	Gregory C Johnson and Steven A Ahlstedt TN Water Science Center, Richard Neves TN CRU	50000	0	0	0
NA	NA	1	03-R1-05	Yes	14.5	Distribution, demography, and behavior of Washington ground squirrels (Spermophilus washingtoni) in Central Washington.	Paul Sherman	24279	24749	24616	24969
Western	ASC	7	01-R7-01	Yes	13.10	Update Information on Southern Beaufort Sea Polar Bear Populations	Steven C. Amstrup, ABSC	150000	25000	0	0
Western	ASC	7	04-R7-05	Yes	13.8	Winter distribution and ecology of Vancouver Canada geese	Jerry Hupp	21420	0	0	0
Western	ASC	7	05-R7-01	TA	13.14	Synthesis of seabird, marine mammal, and oceanography coordinated investigations (SMMOCI)	John Piatt	39500	0	0	0
Western	ASC	7	05-R7-02	Yes	13.9	The decline of the Chisana Caribou Herd: Assessing population dynamics and recovery effects	Layne Adams	31800	15540	0	0
Western	ASC	7	06-R7-01	Yes	13.16	Monitoring Arctic fox abundance in relation to spectacled eider nesting	Michael Anthony, Paul Flint, Joel Schmutz	72769	83020	83020	83020
Western	ASC	7	06-R7-02	TA	13.13	Pacific walrus survey: estimating sighting variability	Chad Jay	112360	0	0	0
Western	ASC	7	06-R7-03	TA	13.15	Designing and implementing a long-term ecological inventory and monitoring program for National Wildlife Refuges in Alaska	Karen Oakley	0	52470	58050	68800
Western	ASC	9	06-R9-01	Yes	NA	Walrus Survey Support	Chad Jay	136000	0	0	0
Western	FRESC	1	05-R1-03	TA	4.464	Monitoring habitat use and associations of Shrubsteppe Bird communities and their response to habitat management	Susan Earnst	26194	0	0	0
Western	FRESC	1	05-R1-04	Yes	4.524	Thresholds of Recovery - Cheatgrass dominance in Wyoming big sagebrush communities after fire and fire surrogate treatments	Cindy Salo	15955	12608	0	0
Western	FRESC	8	05-R1-15	Yes	4.441	Status of Nesting California Brown Pelicans, Cormorants, and Osprey in Coastal Baja California, Sonora, and Sinaloa, Mexico, 1977, 1992-93, and 2005	Charles Henny	0	16328	0	0
Western	FRESC	9	05-R9-03	TA	4.499	Coordination of the 2006 International piping and snowy plover census and evaluation of census based population estimates	Sue Haig	16773	0	0	0
Western	FRESC	3	06-R3-05	Yes	4.13	Phylogeography and Population Genetic Structure of Interior Least Terns	Susan Haig	20000	0	0	0

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Western	FRESC	6	06-R6-04	TA	4.483	Quantifying precision of the Midwinter Survey of the Rocky Mountain Population of Trumpeter Swans.	Jon Bart	6100	0	0	0
Western	PIERC	1	05-R1-10	TA	16.4	Efficacy of Feral Pigs Removals at Hakalau National Wildlife Refuge	Steven Hess	11984	0	0	0
Western	PIERC	1	06-R1-02	Yes	16.6	Efficacy of a commercial fowlpox vaccine for protecting Hawaiian forest birds from pox virus infections	Carter Atkinson	33390	0	0	0
Western	WERC	6	06-R6-01	No	Pending	Understanding the dynamics of mercury in eared grebes ( <i>Podiceps nigricollis</i> ) on the Great Salt Lake, Utah.	Keith Miles	29972	0	0	0
Western	WFRC	1	06-R1-01	TA	11.8	Pre-restoration habitat use by Chinook salmon in the Nisqually estuary using otolith analysis, Nisqually NWR.	Reg Reisenbichler	30160	0	0	0
Western	WFRC	1	06-R1-03	TA	11.9	Assessment of current use and productivity of fish in the lower White Salmon River prior to the removal of Condit Dam	Patrick Connelly	16240	36768	0	0
Western	WFRC	8	06-R8-04	No	Pending	Assessment of Independence Valley Speckled Dace and Associated Fish Population and Habitat in Relation to Downlisting Criteria.	Gary Scopettone	35807	24604	34692	0