

# Appendices

The following appendices remain intact and unedited from the original “Final Environmental Impact Statement for Amendment of Forest Plans.” The contents of these appendices are provided on the CD-ROM which accompanies this supplement to the final environmental impact statement. Contents of these appendices are also available on the World Wide Web at <http://www.fs.fed.us/r3/projects/index.shtml>.

## **Appendix A – Process Record**

## **Appendix B – Forest Plan Amendments**

## **Appendix C – Forest Plan Correction Notices**

## **Appendix D – Standard Vegetation Treatment Table**

## **Appendix E – Alternative Comparison – Standards/Guidelines**

## **Appendix F – Copies of DEIS Comment Letters**

## **Appendix G – Regional Habitat Differences**

The appendices that follow are those associated with the preparation of this supplement to the final environmental impact statement and also can be found on the CD-ROM which accompanies this supplement to the final environmental impact statement and on the World Wide Web at <http://www.fs.fed.us/r3/projects/index.shtml>.

## **Appendix H**

Review of supplemental information relevant to habitat management for the northern goshawk in the southwestern United States. Reynolds, R. T., D. A. Boyce, R. T. Graham, M. Hildegard Reiser. 2001.

## **Appendix I**

Is the northern goshawk an old-growth forest specialist or a habitat generalist? Reynolds, R. T. 2004.

## **Appendix J**

Northern goshawk and forest management in the Southwestern United States. The Wildlife Society, Technical Review 96-2. Braun, et al. 1996.

## **Appendix K**

50 CFR 17, Endangered and Threatened Wildlife and Plants; Notice of 12-Month Finding on a Petition to list the Northern Goshawk in the Contiguous United States West of the 100th Meridian. Federal Register, Vol. 63, 35183. U.S. Fish and Wildlife Service. 1998.

## **Appendix L**

Characteristics of goshawk nesting stands. A paper presented at the Southwest Raptor Management Symposium and Workshop. In proceedings of the National Wildlife Federation Scientific and Technical Series No. 11. University of Arizona, Tucson, AZ. 11:210-21. Crocker-Bedford, D. C. and B. Chaney. 1988.

## **Appendix M**

Goshawk Reproduction and Forest Management. The Wildlife Society Bulletin Vol. 18, No. 3, Fall 1990. Crocker-Bedford, D. C. 1990.

## **Appendix N**

Canopy density analysis at goshawk nesting territories on the North Kaibab Ranger District, Kaibab National Forest. Final Report: 61pp. Ward, L. Z., D. K. Ward, and T. J. Tibbitts. 1992.

## **Appendix O**

Comment letter on the Recommendation for Goshawk Management in the Southwestern Region. August 13, 1992. U.S. Fish and Wildlife Service. 1992.

## **Appendix P**

Review of U.S. Forest Service Strategy for Managing Northern Goshawk Habitat in the Southwestern United States. May 1993. Arizona Game and Fish Department. 1993.

## **Appendix Q**

Comment letter on the Final Environmental Impact Statement for Amendment of Forest Plans. November 28, 1995. New Mexico Department of Game and Fish. 1995.

## **Appendix R**

Home ranges and habitats of northern goshawks in eastern California. Studies in Avian Biology 16:66-74. Hargis, C. D., C. McCarthy, and R. D. Perloff. 1994.

## **Appendix S**

Habitat use by breeding male northern goshawks in northern Arizona. Studies in Avian Biology 16:58-65. Bright-Smith, D. J. and W. Mannan. 1994.

## **Appendix T**

Habitat use and home range size of breeding northern goshawks in the southern Cascades. M.S. thesis, Oregon State University:56pp. Austin, K. K. 1993.

## **Appendix U**

Selection of foraging habitat by northern goshawks in the Coconino National Forest. Unpublished Progress Report, Arizona Game and Fish Department, Heritage Grant Project Number I-94025. 9 pp. Beier, P. 1994.

## **Appendix V**

Northern goshawk ecology and habitat relationships on the Tongass National Forest. Final Annual Project Report, Alaska Department of Fish and Game. Titus, K., C. J. Flatten, and R. E. Lowell. 1994.

## **Appendix W**

Conservation of the Queen Charlotte Goshawk in southeast Alaska. In a proposed strategy for maintaining well-distributed, viable populations of wildlife associated with old-growth forests in southeast Alaska, Suring et al. 39 pp. Crocker-Bedford, C. D. 1994.

## **Appendix X**

Northern goshawk reproduction relative to selection harvest in Arizona. Published abstract, Journal of Raptor Research 29: 42-43. Crocker-Bedford, D. C. 1995.

## **Appendix Y**

Apache goshawk conservation biology in southeast Arizona. Arizona Game and Fish Department Heritage Grant-in-Aid project I92065. Final Report April 1995. 35 pp. Snyder, H. 1995.

## **Appendix Z**

Territory occupancy and habitat patch size of northern goshawks in the southern Cascades of California. Studies in Avian Biology 16:83-87. Woodbridge, B. and P. J. Detrich. 1994.

## **Appendix AA**

Comments on the Draft Environmental Impact Statement and Proposal to Amend Ten National Forest Land Management Plans. December 1, 1994. Suckling, K., et al. 1994.

## **Appendix AB**

Daily Activity Patterns and Habitat Use of Coexisting Accipiter Hawks in Utah. Manuscripts of Journal Articles, Department of Zoology, Brigham Young University. Fischer, D. L. 1986.

## **Appendix AC**

Nesting Ecology and Habitat of the Northern Goshawk in Undisturbed and Timber Harvest Areas on the Targhee National Forest, Greater Yellowstone Ecosystem., Masters Thesis, Idaho State University., 164 pp. Patla, S. M. 1997.

## **Appendix AD**

How, and why, is the Goshawk (*ACCIPITER GENTAILIS*) Affected by Modern Forest Management in Fennoscandia? Journal of Raptor Research 31 (2):107-113. Widen, P. 1997.

## **Appendix AE**

Factors Affecting the Relative Use of Northern Goshawk (*Accipiter Gentilis*) Kill Areas in South Central Wyoming., MS Thesis., University of Wyoming., 153 pp. Good, R. 1998.

## **Appendix AF**

Distribution, Territory Occupancy, Dispersal, and Demography of Northern Goshawks on the Kaibab Plateau, Arizona. Final Report, Arizona GF Heritage Project, No 194045. 76 pp. Reynolds, R. T., and S. M. Joy. 1998.

## **Appendix AG**

Habitat Use and Productivity of the Northern Goshawk in the Upper Peninsula of Michigan, MS Thesis, N. Michigan Univ. 68 pp. Lapinski, N. W. 2000.

## **Appendix AH**

Home Range and Habitat Use of Northern Goshawks (*Accipiter gentilis*) in Minnesota, Final Rpt., Minnesota Coop. Fish and Wildlife Research Unit. Boal C. W., D. E. Anderson, and P. L. Kennedy. 2001.

## **Appendix AI**

Migration, Habitat use, and Diet of Northern Goshawks (*Accipiter gentilis*) that winter in the Uinta Mountains, Utah. Masters Thesis, University of Wyoming, 63 pp. Stephens, R.M. 2001.

## **Appendix AJ**

Prey abundance, Space use, Demography, and Foraging Habitat of Northern Goshawks in Western Washington, Masters Thesis, University of Washington, 70 pp. Bloxton Jr., T. D. 2002.

## **Appendix AK**

Effects of Landscape and Local Habitat attributes on Northern Goshawk Site Occupancy in western Washington, For. Sci. 48(2) 427-436. Finn, S. P, J. M. Marzluff and D. E. Varland. 2002.

## **Appendix AL**

Northern Goshawk Habitat on the Kaibab National Forest Arizona: Factors Affecting Nest Locations and Territory Quality, Ph.d. Dissertation, University of Colorado, 223 pp. Joy, S. M. 2002.

## **Appendix AM**

Summary of U.S. Forest Service Southwestern Region National Forest Northern Goshawk Surveys and Monitoring.

## **Appendix AN**

A Review of Northern Goshawk Habitat Selection in the Home Range and Implications for Forest Management in the Western United States, Wildlife Society Bulletin, 2005, 33(1):120-129. Greenwald, D. N., D. C. Crocker-Bedford, L. Broberg, K. F. Suckling, T. Tibbitts

## **Appendix AO**

Do goshawks *Accipiter gentilis* need forests? Some conservation lessons from radio tracking. Pages pp. 561-567 In B.-U. Meyburd and R.D. Chancellor Eds. *Raptors in the Modern World*. London: World working group on birds of prey and owls. Kenward, R. and P. Widen. 1989.

## **Appendix AP**

Breeding ecology of the northern goshawk in high-elevation aspen forests of northern Nevada. *Studies in Avian Biology* 16:119-121. Younk, J. V. and M. J. Bechard. 1994.

## **Appendix AQ**

Goshawk hunting behavior, range size as a function of food and habitat availability. *Journal of Animal Ecology* 51:69-80. Kenward, R. E. 1982.

## **Appendix AR**

Habitat associations of sympatric red-tailed hawks and northern goshawks on the Kaibab Plateau. *Journal of Wildlife Management* 68:307-317. La Sorte, F. A., R. W. Mannan, R. T. Reynolds, and T. G. Grubb. 2004.

## **Appendix AS**

Forest structure and prey abundance in winter habitat of northern goshawks. *Journal of wildlife Management* 67(1): 177-185. Drennan, J. E. and P. Beier. 2003.

## **Appendix AT**

Presettlement regeneration patterns in a southwestern ponderosa pine stand. *Ecology* 66(2): 589-594. White, Alan S. 1985.

## **Appendix AU**

Forest structure and prey abundance in foraging areas of northern goshawks. *Ecological Applications* 7(2):564-571. Beier, P. and J. E. Drennan. 1997.

## **Appendix AV**

Habitat use by breeding northern goshawks in northern Arizona. Final Report, USDA Forest Service Cooperative Agreement No. 28-C1-558 38 pp. + appendices. Mannan, R. W. and D. J. Smith. 1993.

## **Appendix AW**

Demography and habitat characteristics of Northern Goshawks on the Apache-Sitgreaves National Forests 1993-2000. Arizona Game and Fish Department, Federal Aid Final Report, Phoenix, AZ. Ingraldi, M. F. 2001.

## **Appendix AX**

The status of northern goshawks in the Western United States. The Wildlife Society Technical Review 04-1. The Wildlife Society, Bethesda, Maryland, USA. 24 pp. Anderson, et al. 2004.

## **Appendix AY**

Habitat Effects on Northern Goshawks. Unpublished. Crocker-Bedford, D. C. 2003.

## **Appendix AZ**

Restructuring the Forest, Goshawks and the Restoration of Southwestern Ponderosa Pine. Journal of Forestry, August 2000. Long, J. N. and F. W. Smith. 2000.

## **Appendix AAA**

Management recommendations for the northern goshawk in the southwestern United States. USDA Forest Service General Technical Report RM-217:90 pp. Reynolds, R. T., R. T. Graham, M. H. Reiser, R. L. Bassett, P. L. Kennedy, D. A. Boyce, Jr., G. Goodwin, R. Smith, and E. L. Fisher. 1992.

## **Appendix AAB**

Demography of northern goshawks in northern Arizona. 1991-1996. Studies in Avian Biology. In press. Reynolds, R. T., and S. M. Joy. 2006.

## **Appendix AAC**

Population ecology, demographics, habitat and genetics of the northern goshawk on the Kaibab plateau, Arizona. Rocky Mountain Research Station Progress Report. Reynolds, R. T., et al. 2003.

## **Appendix AAD**

Sampling Considerations for demographic and habitat studies of northern goshawks. J. Raptor Res. 39(3):274-285. Reynolds, R. T., J. D. Wiens, S. M. Joy, and S. R. Salafsky. 2005.

## **Appendix AAE**

An Ecosystem-Based Conservation Strategy for the Northern Goshawk. Studies in Avian Biology. In press. Reynolds, R. T., R. T. Graham, and D. A. Boyce. 2006a.

## **Appendix AAF**

A Review and Evaluation of Factors Limiting Northern Goshawk Populations. Studies in Avian Biology. In press. Reynolds, R. T., J. D. Wiens and S. R. Salafsky. 2006b.

## **Appendix AAG**

In review. Habitat Conservation of the Northern Goshawk in the Southwest United States: Response to Greenwald et al. Reynolds R. T., R. T. Graham, and D. A. Boyce.

## **Appendix AAH**

Patterns of Temporal Variation in Goshawk Reproduction and Prey Resources. *Journal of Raptor Res.* 39(3):237-246. Salafsky, Susan R. and R. T. Reynolds. 2005.

## **Appendix AAI**

Goshawk ecology and habitat relationships on the Tongass National Forest: selected analysis and 1995 field season progress report. Alaska Department of Fish and Game. Titus, K., C. Flatten, and R. Lowell. 1996.

## **Appendix AAJ**

Post-fledgling Survival of northern Goshawks: The Effects of Prey Abundance, Weather, and Dispersal. *Ecological Applications* 16(1):406-418. Wiens, J. David, B. R. Noon and R. T. Reynolds. 2006.