## List of References for Response to Court on SPR and Evaluation of DPSs for the Queen Charlotte Goshawk Juneau Fish and Wildlife Field Office, U.S. Fish and Wildlife Service October, 2007

- Abbott, G. 2004 Order establishing Provincial non-spatial old growth objectives. Ministry of Sustainable Resource Management, Victoria, BC.
- ADF&G. 1998. State of Alaska species of special concern. ADF&G Division of Wildlife Conservation. Available on line at www.wildlife.alaska.gov/index.cfm?adfg=concern.main
- Albert, D. 2007. Personal communication. Electronic mail "re: more forest stats for SE AK?" to Steve Brockmann, September 25, 2007.
- Albert, D. and J Schoen. 2006. A preliminary classification and conservation assessment of terrestrial ecosystems in Southeast Alaska. The Nature Conservancy, Juneau, Alaska. 22 pp.
- AOU (American Ornithologist's Union). 1957. Check-list of North American birds. 5th ed., American Ornithologist's Union, Baltimore, Md.
- Bachelet, D. J. Lenihan, R. Neilson, R. Drapek and T. Kittel. 2005. Simulationg the response of natural ecosystems and their fire regimes to climatic variability in Alaska. Canadian Journal of Forest Research. 35:2244-2257.
- BC (British Columbia). 2000. Vancouver Island Summary Land Use Plan. February, 2000. Integrated Land Management Bureau, Victoria, BC. 203 pp. Online at: http://ilmbwww.gov.bc.ca/ilmb/lup/lrmp/coast/vanisle/summary\_lup/toc.htm
- BCMFR (British Columbia Ministry of Forests and Range). 2006. Timber Supply Analysis Reports and Information Packages available online, for TFLs: <u>http://www.for.gov.bc.ca/dmswww/tfl</u> and for TSAs: <u>http://www.for.gov.bc.ca/hts/rco.htm</u>
- BCMSRM (British Columbia Ministry of Sustainable Resource Management). 2002. Species Ranking in British Columbia. BCMSRM, Victoria, BC. 4 pp. Online at: http://wlapwww.gov.bc.ca/wld/documents/ranking.pdf
- BCMWLAP (British Columbia Ministry of Water, Land and Air Protection) 2004. Procedures for managing Identified Wildlife, Identified Wildlife Management Strategy. 51 pp.
- Beebe, F. L. 1974. Field studies of the Falconiformes of British Columbia. British Columbia Provincial Museum Occasional Paper No. 17.

- Beier, P., and J. E. Drennan. 1997. Forest structure and prey abundance in foraging areas of northern goshawks. Ecological Applications 7:564-571.
- Cooper, J. M., and P. A. Chytyk. 2000. Update COSEWIC Status Report on the northern goshawk laingi subspecies Accipiter gentilis laingi in Canada. Environment Canada.
- Cooper, J. M., and V. Stevens. 2000. A review of the ecology, management and conservation of the Northern Goshawk in British Columbia. B. C. Minist. Environ., Lands and Parks, Widl. Branch, Victoria, B. C. Wildl. Bull. No. B-101, 31 pp.
- COSEWIC (Committee on the Status of Endangered Wildlife in Canada). 2004. Species assessment – COSEWIC's Assessment process and criteria. Online at: http://www.cosewic.gc.ca/eng/sct0/assessment\_process\_e.cfm
- COSEWIC. 2005. COSEWIC Species Database: northern goshawk laingi subspecies. Online at: www.cosewic.gc.ca.
- Crocker-Bedford, D. C. 1990a. Goshawk reproduction and forest management. Wildlife Society Bulletin 18(3):262-269.
- Crocker-Bedford, D. C. 1994. Conservation strategy for the Queen Charlotte goshawk in Southeast Alaska. Appendix to the revised proposed strategy for maintaining well-distributed, viable populations of wildlife associated with old-growth forests in Southeast Alaska. Unpublished draft report, Tongass National Forest, Juneau, Alaska.
- Daszak, P., A. A. Cunningham, and A. D. Hyatt. 2000. Emerging infectious diseases of wildlife threats to biodiversity and human health. Science 287:443-449.
- DeSanto, T. M. Kirchhoff, M. Kissling, S. Matsuoka, D. Rabe, A. Ruxxell, and M. Willson. 2006. Conservation strategy review: a preliminary assessment of new information related to forest birds since 1997. Presented at Conservation Strategy Review Workshop, Tongass National Forest, Ketchikan, Alaska, April, 2006. Available at: http://tongass-constratreview.net/Documents/Present11-ForestBirds.pdf
- DeStefano, S. and J. McCloskey. 1997. Does vegetation structure limit the distribution of Northern Goshawks in the Oregon Coast Ranges? J. Raptor Res. 31:34-39.
- Doyle, F. 2003. Lessons we can learn from the natural variation in northern goshawk population trends. Bird Trends 9:24-36.

- Doyle, F. I. 2004. Blue grouse habitat on Haida Gwaii/Queen Charlotte Islands. Wildlife Dynamics Consulting, Telkwa, BC, prepared for Habitat Conservation Trust Fund. 22 pp.
- Doyle, F. I.. 2005. Breeding success of the goshawk (A. g. laingi) on Haida Gwaii/Queen Charlotte Islands: is the population continuing to decline? Wildlife Dynamics Consulting.
- Doyle, F. I. 2006. Goshawks in Canada: population responses to harvesting and the appropriateness of using standard bird monitoring techniques to assess their status. Studies in Avian Biology 31:135-140.
- Doyle, F. 2007. Breeding success of the goshawk (*A. g. laingi*) on Haida Gwaii/Queen Charlotte Islands 2006: Is the population continuing to decline? Unpubl. Report, Wildlife Dynamics Consulting, Telkwa, British Columbia. 10 pp.
- Doyle, F., and R. F. Holt. 2005. Northern Goshawk (Accipiter gentilis laingi. Pages pp. 2.5-1 to 2.5-8 in R. F. Holt, editor. Environmental Conditions Report for the Haida Gwaii/Queen Charlotte Islands Land Use Plan. Veridian Ecol. Consulting, Inc.
- Doyle, F., and T. Mahon.. 2003. Do goshawk management strategies have to be tailored to specific ecosystems? Lessons we can learn from studying goshawks in different ecosystems (abstract). Page 39 *in* Proceedings of Annual Meeting, Raptor Research Foundation, Anchorage, Alaska
- Doyle, F. I. and J. N. M. Smith. 1994. Population responses of northern goshawks to the 10-year cycle in numbers of snowshoe hares. Studies in Avian Biology 16:122-129.
- Elliot, J. E. and P. A. Martin. 1994. Chlorinated hydrocarbons and shell thinning in eggs of (Accipiter) hawks in Ontario, 1986-1989. Environmental Pollution 86: 189-200.
- Ethier, T. J. 1999. Breeding ecology and habitat of northern goshawks on Vancouver Island: a heirarchical approach. M.S. Thesis, Univ. Victoria, Victoria, BC.
- Everest, F. H. 2005. Setting the stage for the development of a science-based Tongass land management plan. Landscape and Urban Planning. 72:13-24.
- Finn, S. P., J. M. Marzluff, and D. E. Varland. 1998. Weather effects on northern goshawk productivity in Washington State (abstract only). *in* Raptor Research Foundation Annual Meeting. Ogden, Utah.
- Flatten, C. J., and E. L. McClaren. 2003. Size and color variation of northern goshawks from Southeast Alaska and Vancouver Island (abstract only). *in* Raptor Research

Foundation 2003 Annual Meeting - Northern Goshawk Symposium. Anchorage, Alaska.

- Flatten, C., K. Titus, and S. Lewis. 2002. Technical assistance, analysis and dissemination of results from an interagency northern goshawk study on the Tongass National Forest. Alaska Department of Fish and Game.
- Flatten, C., K. Titus, and R. Lowell. 2001. Northern goshawk monitoring, population ecology and diet on the Tongass National Forest. Alaska Department of Fish and Game. Final Research Performance Report, Endangered Species Conservation FundGrant SE-4-2-6:33, Studies 2-6. Juneau, Alaska 32 pp.
- Fairhurst, G. D., and M. J. Bechard. 2005. Relationships between winter and spring weather and northern goshawk (Accipiter gentilis) reproduction in northern Nevada. Journal Raptor Research 39:229-236.
- FPB (Forest Practices Board). 2004. A lack of direction: improving marbled murrelet habitat conservation under the Forest and Range Practices Act. Special Report of the British Columbia Forest Practices Board. FPB/SR/21. Available at: http://www.fpb.gov.bc.ca/SPECIAL/reports/SR21/SR21.pdf
- Frankham, R., J. D. Ballou, and D. A. Briscoe. 2002. Introduction to conservation genetics. Cambridge University Press. Pp 309-335.
- Golumbia, T. E. 2000. Introduced species management in Haida Gwaii (Queeen Charlotte Islands). Pp 327-331 In: L. M. Darling, editor, Proc. Conf. On the Biology and Management of Species and Habiats at Risk. Kamloops, B. B., 15-19 Feb., 1999. BC Min. Environment, Lands and Parks, Victoria, BC and Univ. College of the Cariboo, Kamloops, BC.
- Greenwald, N. 2007. Personal Communication, Letter to Steve Brockmann, June 14. 9 pp.
- Greenwald, D. N., and C. Bosman. 2005. Personal Communication, Letter to Queen Charlotte goshawk comments, 13 February.
- Greenwald, D. N., D. C. Crocker-Bedford, L. Broberg, K. F. Suckling, and T. Tibbitts. 2005. A review of northern goshawk habitat selection in the home range and implications for forest management in the western United States. Wildlife Society Bulletin 33:120-129.
- Gust, J. R., S. L. Talbot, G. K. Sage, S. A. Sonsthagen, T. Swem, D. Doyle, F. Doyle, P. Schempf, C. Flatten, and K. Titus. 2003. Genetic analysis of goshawks (Accipiter gentilis) of Alaska and British Columbia (abstract) *in* Raptor Research Foundation 2003 Annual Meeting - General Session. Raptor Research Foundation, Anchorage, Alaska.

- Haig, S. M., E. A. Beever, S. M. Chambers, H. M. Draheim, B. D. Dugger, S. Dunham,
  E. Elliot-Smith, J. B. Fontain, D. C. Kesler, B. J. Knaus, I. F. Lopes, P. Loschi, T.
  D. Mullins, and L. M. Sheffield. 2006. Taxonomic considerations in listing subspecies under the U.S. Endangered Species Act. Conservation Biology 20(6): 1584-1594.
- Houston, C. S. 1975. Close proximity of red-tailed hawk and great horned owl nests. Auk 92:612-614.
- Houston, C.S., D. G. Smith and C. Rohner. 1998. Great horned owl (*Bubo virginianus*). *In* The Birds of North America, No. 372 (A. Poole and F. Gill, eds.). The Birds of North America, Inc., Philadelphia, PA.
- IUCN (International Union for the Conservation of Nature) 2006. Guidelines for using the IUCN Red List categories and criteria. Version 6.1. Prepared by the Standards and Petitions Working Group for the IUCN SSC Biodiversity Assessments Sub-Committee in July 2006. Available at: http://app.iucn.org/webfiles/doc/SSC/RedList/RedListGuidelines.pdf.
- Iverson, G. C., G. D. Hayward, K. Titus, E. DeGayner, R. E. Lowell, D. C. Crocker-Bedford, p. F. Schempf, and J. Lindell. 1996. Conservation Assessment for the northern goshawk in Southeast Alaska. U. S. Dept. Agric., For. Serv., General Technical Report PNW-GTR-387.
- Jewett, S. G., S. p. Taylor, W. T. Shaw and J. W. Aldrich. 1953. The birds of Washington State. University of Washington Press, Seattle.
- Johnson, D. R. 1989. Body size of northern goshawks on coastal islands of British Columbia. Wilson Bulletin 101:637-639.
- Keane, J. J., M. L. Morrison, and D. M. Fry. 2006. Prey and weather factors associated with temporal variation in northern goshawk reproduction in the Sierra Nevada, California. Studies in Avian Biology 31:85-99.
- Kennedy, P. L., J. M. Ward, G. A. Rinker, and J. A. Gessaman. 1994. Post-fledging areas in northern goshawk home ranges. Studies in Avian Biology 16:57-82.
- Kenward, R. E. 1982. Goshawk hunting behavior, and range size as a function of food and habitat availability. Journal of Animal Ecology 51:69-80.
- La Sorte, F. A., R. W. Mannan, R. T. Reynolds, and T. G. Grubb. 2004. Habitat associations of sympatric red-tailed hawks and northern goshawks on the Kaibab Plateau. Journal Wildlife Management 68:307-317.
- Lande, R. 1988. Genetics and demography in biological conservation. Science 241:1455-1460.

- Lewis, S. B. 2001. Breeding season diet of northern goshawks in southeast Alaska with a comparison of techniques used to examine raptor diet. MS Thesis, Boise State University, Boise, Idaho.
- Lewis, S. B., and C. J. Flatten. 2004. Analysis of Queen Charlotte goshawk radiotelemtry and prey-habitat data in conjunction with the USDA Forest Service Alaska Department of Fish and Game.
- Lewis, S. B., M. R. Fuller, and K. Titus. 2004. A comparison of 3 methods for assessing raptor diet during the breeding season. Wildlife Society Bull. 32:373-385.
- MacDonald, S. O. and J. A. Cook. 1999. The mammal fauna of Southeast Alaska. Univ. Alaska Museum, Fairbanks, AK. 145 pp.
- Marquis, D., T. Piepjohn, and B. Lasuta. 2005. Study of breeding habitat and possible threats from timber harvesting activities to the northern goshawk (*Accipiter gentilis laingi*) Coastal, British Columbia. Unpubl. Rept., Coast Forest Products Assoc., Vancouver, BC. 33 pp.
- Mahon, T., and F. I. Doyle. 2005. Effects of timber harvesting near nest sites on the reproductive success of northern goshawks (Accipiter gentilis). Journal of Raptor Research 39:335-341.
- Mazur, K. M. and P. C. James. 2000. Barred Owl (*Strix varia*). *In* The Birds of North America, No. 508 (A. Poole and F. Gill, eds. The Birds of North America, Inc. Philadelphia, PA.20 pp.
- McClaren, E. L. 2003. Northern goshawk (*Accipiter gentilis laingi*) population inventory summary for Vancouver Island, British Columbia 1994-2002. BC Ministry of Water, Land and Air Protection.
- McClaren, E. 2004. "Queen Charlotte" goshawk. in Accounts and measures for managing Identified Wildlife - Accounts V. 2004. BC Ministry of Water, Land and Air Protection.
- McClaren, E. 2006. Personal communication, Letter to Rowan Gould, Feb. 13, 2006.
- McClaren, E. L. and C. L. Pendergast. 2003. Relationship between forest age class distribution around northern goshawk nests and occupancy and nest productivity patterns at three spatial scales. Unpblished report. Ministry of Water, Land and Air Protection. Nanaimo, BC. 8 pp.
- McClaren, E. L., P. L. Kennedy, and S. R. Dewey. 2002. Do some Northern Goshawk nest areas consistently fledge more young than others? Condor 104:343-352.

- McClaren, E. L., P. L. Kennedy, and D. D. Doyle. 2005. Northern goshawk (Accipiter gentilis laingi) post-fledging areas on Vancouver Island, British Columbia. Journal Raptor Research 39:253-263.
- Nagorsen, D.W. 2002. An identification manual to the small mammals of British Columbia. BC Ministry of Sustainable Resource Management, Ministry of Water, Land and Air Protection, and Royal British Columbia Museum. 153 pp.
- NatureServe. 2005. NatureServe Comprehensive Report, Accipiter gentilis laingi, Queen Charlotte goshawk. *in* NatureServe Explorer: an online encyclopedia of life (web application). http://www.natureserve.org/explorer/,Arlington, Virginia.
- Penteriani, V., and B. Faivre. 2001. Effects of harvesting timber stands on goshawk nesting in two European areas. Biological Conservation 101:211-216.
- Powell, R. A., R. Lande, D. R. McCullough, W. Z. Lidicker, Jr., A. J. Hansen, R. L. Jarvis, Paquet, J. T. Ratti, C. C. Smith, R. D. Taber, and C. R. Benkman. 1997. Joint statement of members of the peer review committee concerning the inadequacy of conservation measures for vertebrate species in the Tongass National Forest Land Management Plan of Record. Unpubl. Rept. Submitted to the U.S. Forest Service, Juneau, Alaska. September, 1997. 14 pp.
- Preston, C. R. and R. D. Beane. 1993. Red-tailed hawk (*Buteo jamaicensis*). In The Birds of North America, No. 52 (A. Poole and F. Gill, Eds.). The Academy of Natural Sciences, Philadelphia, PA and The American Ornithologists' Union, Washington, D.C.
- Redig, P. T., Fuller, M. R., and D,L, Evans. 1980. Prevalence of Aspergillus fumigatus in free-living goshawks. J. Wildl. Dis. 16:169-174.
- Reynolds, R. T., R. T. Graham, M. H. Reiser, R. L. Bassett, P. L. Kennedy, D. A. Boyce, G. Goodwin, R. Smith, and E. L. Fisher. 1992. Management recommendations for the northern goshawk in the southwestern United States.Gen. Tech. Rep. RM-217. USDA For. Ser., Rocky Mtn. For. and Range Exper. Station, Ft. Collins, CO. 90 pp.
- Robus, M. 2006. Personal Communication, Letter to Queen Charlotte Goshawk Comments, Feb. 13, 2006.
- Rohlf, D. J. 1989. The Endangered Species Act a guide to its protections and implementation. Stanford Environmental Law Society. 207 pp.
- Rose, C. 2006 FAUNA database summary statistics for goshawk surveys, Tongass National Forest. May, 2006.

- RSBC (Revised Statutes of British Columbia) 1996. Chapter 488 Wildlife Act, Section 34, Birds, nests and eggs.
- Salafsky, S. R. 2004. Covariation between prey abundance and Northern Goshawk reproduction on the Kaibab Plateau, Arizona. M.S. thesis, Colorado State University, Fort Collins, Colorado.
- Salafsky, S. R., R. T. Reynolds, and B. R. Noon. 2005. Patterns of temporal variation in goshawk reproduction and prey resources. Journal Raptor Research 39:237-246.
- Schempf, P. 2000. Personal communication to Noel Snyder, February 2000.
- Schempf, P. and T. Woods. 2000. Summary of status of Queen Charlotte goshawk remand. Unpublished report, U.S. Fish and Wildlife Service, Juneau, Alaska, 23 February, 2000. 11 pp.
- Scudder, G. G. E. 2003. Biodiversity conservation and protected areas in British Columbia. Unpubl. Rept., Univ. British Columbia, Dept. Zool and Centre for Biodiversity Research. 14 pp. + Figs.
- Shaw, C. G., III. 1999. Use of risk assessment panels during revision of the Tongass Land and Resource Management Plan. USDA Forest Service, Pacific NW Research Station, General Technical Report PNW-GTR-460. July 1999. 52 pp.
- Smallwood, K. 2003. A guide to Canada's Species at Risk Act. Sierra Legal Defence Fund, Vancouver, BC. 61 pp.
- Snyder, N. F. R., Snyder, H. A., Lincer, J. L., and R. T. Reynolds. 1973. Organochlorines, heavy metals, and the biology of North American accipiters. BioScience 23:300-305.
- Squires, J. R. and P. L. Kennedy. 2006. Northern goshawk ecology: an assessment of current knowledge and information needs for conservation and management. Studies in Avian Biology, No. 31:8-62.
- Squires, J. R., and R. T. Reynolds. 1997. Northern goshawk Accipiter gentilis. in The birds of North America, No. 298. (A. Poole and F. Gill, eds.). The Academy of Natural Sciences, The American Ornithologists' Union, Washington, D. C.
- Talbot, S. L. 2006. Genetic characteristics of goshawks of northwest North America: testing subspecies and Pleistocene refugium hypotheses (abstract only). Presented at 4<sup>th</sup> North American Ornithological Conference, Veracruz, Mexico.
- Talbot, S. L., J. R. Gust, G. K. Sage, and S. A. Sonsthagen. 2005. Preliminary investigations of genetic relationships among goshawks of Alaska and British Columbia. Alaska Science Center, U.S. Geological Survey.

Taverner, P. A. 1940. Variation in the American goshawk. Condor 42:157-160.

- Tilman, D., R. M. May, C. L. Lehman, and M. A. Nowak. 1994 Habitat destruction and the extinction debt. Nature 371:65-66.
- Titus, K., C. J. Flatten, and R. E. Lowell. 1994. Northern goshawk ecology and habitat relationships on the Tongass National Forest. Report prepared for the Forest Service. Alaska Dept. of Fish and Game, Div. of Wildlife Conservation, Juneau, Alaska.
- Titus, K., C. Flatten, G. W. Pendleton, R. Lowell, and S. Lewis. 2002. Northern goshawk survival rates -- Tongass National Forest, Alaska (Poster presentation). 3rd North American Ornithological Conference. New Orleans, LA.
- USDA Forest Service. 1997. Tongass National Forest Land and Resource Management Plan. Alaska Region. R10-MB 338. May 1997. (CD includes Forest Plan, Final Environmental Impact Statement, Record of Decision and Maps)
- USFWS (United States Fish and Wildlife Service). 2007. Queen Charlotte goshawk status review. April, 2007. Unpublished Report, USFWS, Alaska Region, Juneau Fish and Wildlife Field Office. 169 pp.
- Webster, D. J. 1988. Some bird specimens from Sitka, Alaska. Murrelet 69:46-48.
- Whaley, W. H. 1988. Trends in geographic variation of Cooper's hawk and northern goshawk in North America: A multivariate analysis. PhD. Dissertation, Brigham Young University, Provo, Utah. 107 pp.
- Whaley, W. H. and C. M. White. 1994. Trends in geographic variation of Cooper'shawk and northern goshawk in North America: A multivariate analysis. Proceedings of the Western Foundation of Vertebrate Zoology. Vol. 5, No. 3. Pp. 161-209.
- Wiens, J. D., B. R. Noon, and R. T. Reynolds. 2006a. Post-fledging survival of northern goshawks: the effects of prey abundance and weather. Ecological Applications 16:406-418.
- Wood, P.M. and L. Flahr. 2004. Taking endangered species seriously? British Columbia's species-at-risk policies. Canadian Public Policy. Vol. XXX, No. 4., pp. 381-400. December 2004
- Wood, P. M., Flahr, L., J. Tanz, and F. Backhouse. 2003. Provincial and federal species at risk policies – opportunities and obstacles for forest planning in British Columbia. University of British Columbia, Forest Innovation Investment Project No. R2003-0230. 75 pp.

Wunschmann, A., J. Shivers, J. Bender, L. Carroll, S. Fuller, M. Saggese, A. van Wettere, and P. Redig. 2005. Pathologic and immunohistochemical findings in goshawks (*Accipiter gentilis*) and great horned owls (*Bubo virginianus*) naturally infected with West Nile virus. Avian Diseases 49:252-259.