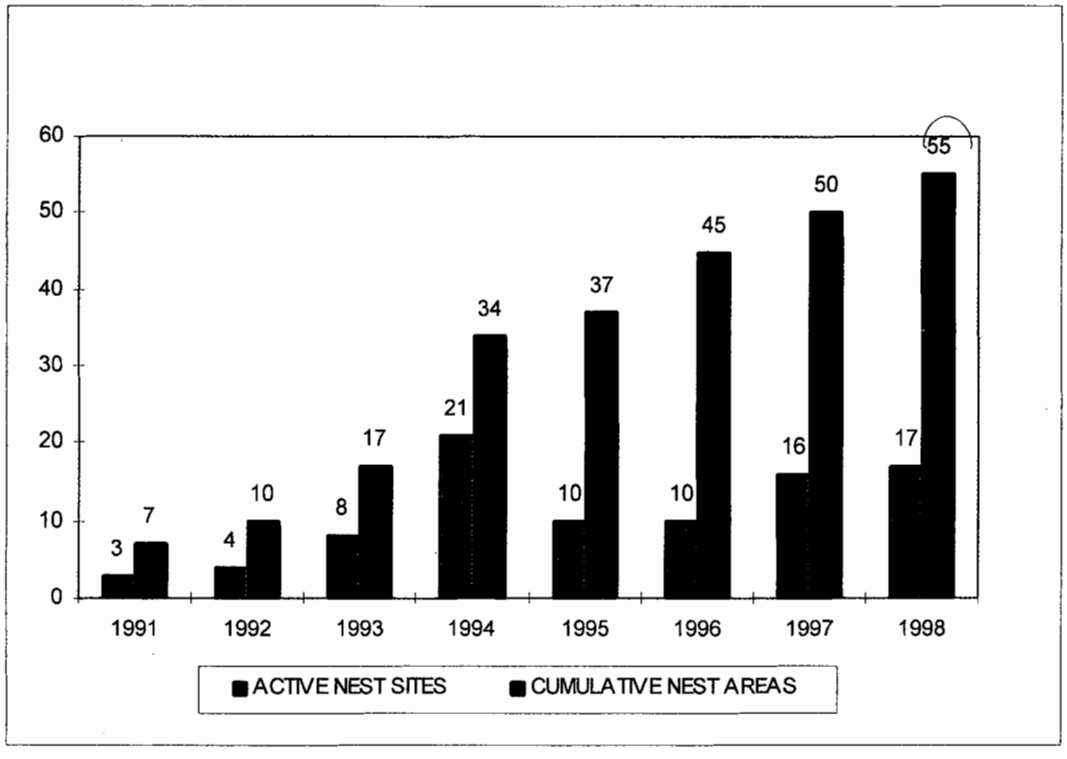

Figure 1. Goshawk nest sites and cumulative nesting areas documented in Southeast Alaska, 1991-1998.

Table 1. Activity status of known goshawk nest area in Southeast Alaska 1985–98.

N = nest area documented this year
A = active nest first located
B = active alternate nest located
C = previously known active nest reused; ( ) = year first active
G = goshawk(s)/activity observed during breeding season, active nest not located.
O = no goshawk/activity observed, active nest not located
R = adult(s) radiotagged and/or present
X = area not checked

Nest Area	80s	90	91	92	93	94	95	96	97	98
Ketchikan Area, Tongass N.F.										
Butterball Lake, Heceta Island					G	NAR	O	O	O	O
Carroll River, Revilla.Island								G	NA	G
Convenient Cove, Hassler Is.				G	G	NA	G	G	O	O
Derrumba Ridge, Heceta Is.									NO	O
Logjam Creek, P.O.W. Island					NAR	O	O	O	O	O
Margaret Lake, Revilla.Is.						NA	G	BR	BR	BR
Port Refugio, Suemez Is.(89)	NA	O	O	G	G	B	G	G	O	O
Roberts/Cutthroat Crk, P.O.W. Is							NAR	BR	BR	BR
Sarheen Creek, P.O.W. Island			G	G	G	O	O	O	O	O
Sarkar Lake, P.O.W. Island				NAR	O	O	G	O	O	O
Timber Knob, Heceta Island								NA	B	C(96)R
Traitors Creek, Revilla.Is.						NAR	BR	O	O	O
Twelvemile Arm, P.O.W. Island								NO	O	O
Stikine Area, Tongass N.F.										
Big John Creek, Kupreanof Is.				NA	BR	O	O	O	O	O
Brown Cove, Petersburg Mainland										NA
Camp Carl, Etolin Island									NAR	BR
Cat Creek, Cape Fanshaw						NAR	O	O	X	O
Duncan Creek, Kupreanof Is.						NA	O	O	G	O
East Bay of Pillars, Kuiu Island						NAR	BR	X	BR	O
Elena Bay, Kuiu Island										NA
Irish Lakes, Kupreanof Island								NA	G	O
Kadake Bay, Kuiu Island								NAR	O	O
Kake, Kupreanof Island (89)	NA	O	X area cut 89		X	X	X	X	X	X
Kuakan, Deer Island									NA	B
Madan Bay, Wrangell Mainland										NG
Mitchell Creek, Kupreanof Is.						NAR	B	O	G	O
Mossman Inlet, Etolin Is.(86)	NA	X	X	O	O	X	X	X	X	X
Mountain Point, Kupreanof Is.						NAR	O	X	O	O
Negro Creek, Port Houghton						NA	G	O	O	O
Rowan Creek, Kuiu Island					NAR	O	G	O	G	O
Sanborn Canal, Port Houghton						NA	O	O	X	G
Security Bay, Kuiu Island									NAR	O
Starfish, Etolin Island			NA	O	O	O	O	X	O	O
Totem Camp, Kupreanof Island						NA	O	X	O	O
Tunehean Creek, Kupreanof Island										NA
Upper Totem, Kupreanof Island					NO	O	O	X	G	O
West Bay of Pillars, Kuiu Island						NAR	BR	X	G	O

Table 1. Continued

Nest Area	80s	90	91	92	93	94	95	96	97	98
Chatham Area, Tongass N.F.										
Auke Bay, Juneau Mainland										NAR
Blueberry Hill, Douglas Island					NAR	BR	C(93)R	GR	C(94)R	BR
Dewey Lk., Skagway (85)	NA	X	X	X	X	X	X	X	X	X
Distin Lake Trail, Admiralty Is.						NA	X	X	B	O
Duffield Peninsula, Baranof Is.						NA	C(94)	C(94)	O	X
Eagle Creek, Douglas Island					NAR	O	O	O	O	O
Eagle River, Juneau Mainland									NG	AR
Fish Creek, Douglas Island						NAR	BR	AR	BR	C(96)R
Florence Bay, Chichagof Island								NAR	O	O
Green Cove, Admiralty Island								NAR	BR	BR
Lace River, Berners Bay						NAR	O	O	O	O
Mud Bay River, Chichagof Is.					NA	A	G	X	O	C(93)
Nugget Crk., Mendenhall Glacier					NAR	BR	O	O	C(93)R	C(94)R
Pavlof River, Chichagof Island							NAR	O	O	G
Point Bridget, Juneau Mainland				NA	BR	O	G	G	G	BR
Ready Bullion Crk., Douglas Is.			NA	BR	O	O	O	O	C(91)R	BR
Turner Lake, Juneau Mainland								NG	A	G
Whitestone, Chichagof Island							NAR	C(95)R	O	O

N = nest area documented this year
A = active nest first located
B = active alternate nest located
C = previously known active nest reused; ( ) = year first active
G = goshawk(s)/activity observed during breeding season, active nest not located.
O = no goshawk/activity observed, active nest not located
R = adult(s) radiotagged and/or present
X = area not checked

Table 2. Productivity of goshawk nests in Southeast Alaska, 1991–98.[a, b]

Nest	# Young Observed by Year								
	91	92	93	94	95	96	97	98	Total 91-98
Ketchikan Area	**20 nesting attempts produced 38 young = 1.9 young/nest**								**38**
Butterball Lake, Heceta Island				3					3
Carroll Inlet, Revillagigedo							2		2
Convenient Cove, Hassler Island				2					2
Logjam Creek, P.O.W. Island			1						1
Margaret Lake, Revillagigedo Island				2		1	2	3	8
Port Refugio, Suemez Island				0					0
Roberts/Cutthroat Creek, P.O.W. Island					2	1	2	0	5
Sarheen Creek, P.O.W. Island	2								2
Sarkar Lake, P.O.W. Island		2							2
Timber Knob, Heceta Island						2	3	3	8
Traitors Creek, Revillagigedo Island				3	2				5
Stikine Area[c]	**27 nesting attempts produced 52 young = 1.9 young/nest**								**52**
Big John Creek, Kupreanof Island		2	1						3
Brown Cove, Mainland								1	1
Camp Carl, Etolin Island							2	1	3
Cat Creek, Cape Fanshaw				2					2
Duncan Creek, Kupreanof Island				3					3
East Bay of Pillars, Kuiu Island				3	3		1		7
Elena Bay, Kuiu Island								2	2
Irish Lake, Kupreanof Island						2			2
Kadake Bay, Kuiu Island						0			0
Kuakan, Deer Island							1	3	4
Mitchell Creek, Kupreanof Island				3	1				4
Mountain Point, Kupreanof Island				2					2
Negro Creek, Port Houghton				3					3
Rowan Creek, Kuiu Island			2						2
Sanborn Canal, Port Houghton				2					2
Security Bay, Kuiu Island							2		2
Starfish, Etolin Island	2								2
Totem Camp, Kupreanof Island				2					2
Tunehean Creek, Kupreanof Island								1	1
West Bay of Pillars, Kuiu Island				2	1				3
Chatham Area	**42 nesting attempts produced 94 young = 2.2 young/nest**								**94**
Auke Bay, Juneau Mainland								3	3
Blueberry Hill, Douglas Island			2	2	2		2	2	10
Distin Lake Trail, Admiralty Island				2			0		2
Duffield Peninsula, Baranof Island				3	2	3			8
Eagle Creek, Douglas Island			2						2
Eagle River, Juneau Mainland							2	4	6
Fish Creek, Douglas Island				3	1	2	2	3	11
Florence Bay, Chichagof Island						2			2
Green Cove, Admiralty Island						2	3	3	8
Lace River, Berners Bay				1					1
Mud Bay River, Chichagof Island			3	2				4	9
Nugget Creek, Mendenhall Glacier			3	3			3	1	10
Pavlof River, Chichagof Island					3				3
Point Bridget, Echo Cove		2	2					2	6
Ready Bullion, Douglas Island	2	1					2	2	7
Turner Lake, Juneau Mainland							3		3
Whitestone, Chichagof Island					3	0			3
TOTAL # of young observed	**6**	**7**	**16**	**48**	**20**	**15**	**32**	**38**	**182**
TOTAL # of active nests	**3**	**4**	**8**	**21**	**10**	**10**	**16**	**17**	**87**
MEAN # young/nest	**2.0**	**1.8**	**2.0**	**2.3**	**2.0**	**1.5**	**2.0**	**2.2**	**2.1**

[a] Productivity = number of fledglings when observed, otherwise = number of nestlings

[b] Excludes 4 nests reported active prior to initiation of ADF&G study in 1991 (Dewey Lake, Kake, Mossman Inlet, Suemez 89) and 2 areas where no active nest has been located (Twelvemile Arm, Upper Totem).

[c] Excludes 1 nesting area located at Madan Bay on the Wrangell mainland that fledged 2 young. The nest was not located.

Table 3. Distance between consecutive year nests of radiotagged adult female goshawks that moved to new breeding territories, Southeast Alaska 1992–98.

Adult Female	Nest Area Movement	Year Moved	Distance (km)
92SLAF	Sarkar Lake, P.O.W. Island to Butterball Lake, Heceta Is.	92–94[a]	27.1
93BJAF	Big John Lake, Kupreanof Is. to West Bay of Pillars, Kuiu Is.	93–94	43.4
93RNAF	Rowan Creek, Kuiu Is. to East Bay of Pillars, Kuiu Is.	93–94	11.2
93ECAF	Eagle Creek, Douglas Is. to Fish Creek, Douglas Is.	93–94	3.2
93PBAF	Point Bridget, mainland to Lace River, mainland	93–94	24.5
93BBAF	Blueberry Hill, Douglas Is. to Green Cove, Admiralty Is.	95–96	18.5
95WPAF	West Bay of Pillars, Kuiu Is. to Kadake Bay, Kuiu Is.	95–96	28.8
96RCAF	Roberts/Cutthroat Creek, P.O.W. Is. to Security Cove, Kuiu Is.	95–96	152.0
97NCAF	Nugget Crk., Juneau mainland to Auke Bay, Juneau mainland	97–98	12.2
96RCAF	Security Cove, Kuiu Is. to Tunehean Bay, Kupreanof, Is.	97–98	48.0
93RNAF	East Bay of Pillars, Kuiu Is. to Elena Bay, Kuiu Is.	97–98	14.4
	mean distance moved		**34.8**
	median distance moved		**24.5**

[a] Did not nest in 1993

Table 4. Goshawks captured in Southeast Alaska in 1998.

Nest Area	Age	Sex	Date	Band #/Leg	Tagged?	Previously Captured?
Ketchikan Area, Tongass N.F.						
Margaret Lake, Revilla.Is.	A	F	6/18/98	1387-84709/R	Y	Margaret Lake 96,97
Margaret Lake, Revilla.Is.	A	M	6/18/98	1807-41988/L	Y	Margaret Lake 96,97
Timber Knob, Heceta Island	A	F	6/25/98	1807-57828/R	Y	no
Timber Knob, Heceta Island	A	M	6/25/98	1807-57829/L	Y	no
Timber Knob, Heceta Island	J	M	7/17/98	1807-41995/L	N	no
Timber Knob, Heceta Island	J	F	7/17/98	1807-41996/R	N	no
Timber Knob, Heceta Island	J	M	7/17/98	1807-41997/L	N	no
Margaret Lake, Revilla. Island	J	F	8/3/98	1807-41998/L	Y	no
Stikine Area, Tongass N.F.						
Tunehean Creek, Kupreanof Is.	A	M	6/28/98	1807-57830/L	N	no
Elena Bay, Kuiu Island	A	F	6/30/98	1387-64183/L	Y	Rowan Bay 93, East Bay of Pillars 95,97
Elena Bay, Kuiu Island	A	M	6/30/98	1807-57831/L	N	no
Camp Carl, Etolin Island	A	F	7/8/98	1807-41994/R	Y	Camp Carl 97
Camp Carl, Etolin Island	A	M	7/8/98	1807-57823/L	Y	Camp Carl 97
Chatham Area, Tongass N.F.						
Ready Bullion Crk., Douglas Is.	A	F	6/16/98	1387-84724/L	Y	Ready Bullion 97
Ready Bullion Crk., Douglas Is.	A	M	6/16/98	1807-41983/R	Y	Ready Bullion 97
Nugget Creek, Juneau Mainland	A	F	6/17/98	1387-84730/R	Y	no
Fish Creek, Douglas Island	A	M	6/18/98	1807-41976/R	Y	Sunny Point 94, Fish Creek 96,97
Auke Bay, Juneau Mainland	A	F	6/19/98	1387-84725/L	Y	Nugget Creek 97
Auke Bay, Juneau Mainland	A	M	6/19/98	1807-57836/R	Y	no
Blueberry Hill, Douglas Island	A	F	6/24/98	1387-64177/L	Y	Blueberry 93,94,95, Green Cove 96,97
Blueberry Hill, Douglas Island	A	F	6/29/98	1387-84726/L	Y	Blueberry 97
Blueberry Hill, Douglas Island	A	M	6/29/98	1807-41956/R	Y	Blueberry 93,94, 95
Fish Creek, Douglas Island	J	F	7/13/98	1387-84731/R	N	no
Fish Creek, Douglas Island	A	F	7/14/98	1387-64182/L	Y	Eagle Crk. 93, Fish Crk. 94,95,96,97
Ready Bullion Crk., Douglas Is.	J	M	7/16/98	1807-57837/L	N	no
Mud Bay River, Chichagof Is.	J	M	7/19/98	1807-57838/L	N	no
Eagle River, Juneau Mainland	A	M	7/27/98	1807-57841/L	N	no
Eagle River, Juneau Mainland	J	M	7/27/98	1807-57840/L	N	no
Eagle River, Juneau Mainland	J	M	7/27/98	1807-57839/L	N	no
Eagle River, Juneau Mainland	J	F	7/27/98	1387-84732/R	N	no
Nugget Creek, Juneau Mainland	J	M	7/29/98	1807-57842/L	N	no
Point Bridget, Juneau Mainland	A	M	7/31/98	1807-57843/R	Y	no
Point Bridget, Juneau Mainland	J	M	7/31/98	1807-57844/L	N	no
Point Bridget, Juneau Mainland	J	M	7/31/98	1807-57845/L	N	no
Auke Bay, Juneau Mainland	J	F	8/6/98	1387-84746/R	Y	no
Auke Bay, Juneau Mainland	J	F	8/6/98	1387-84745/R	N	no
Blueberry Hill, Douglas Island	J	M	8/14/98	1807-57846/L	N	no
Downtown Juneau *	I	F	9/19/98	1807-57847/L	N	no
Salmon Creek, Juneau*	I	F	11/28/98	1807-57848/L	N	no

* Goshawk found injured; then rehabilitated and released.

Table 5. Goshawks banded in Southeast Alaska, 1992–98.

#	Date	Location	Age	Sex	Band #	Tag?	Recapture?	Status
1	2/10/92	Sunny Point, Juneau	A	F	1387-02003	Y	93,94	dead
2	3/10/92	Sunny Point, Juneau	I	F	1387-02004	N		?
3	6/10/92	Sarkar Lake, P.O.W. Island	A	F	1387-64171	Y	94	dead
4	6/10/92	Sarkar Lake, P.O.W. Island	A	M	1807-41951	Y		dead
5	6/29/92	Sarkar Lake, P.O.W. Island	J	M	1807-41952	Y		?
6	7/2/92	Ready Bullion Crk., Douglas Is.	J	F	1387-64172	Y		dead
7	7/2/92	Ready Bullion Crk., Douglas Is.	A	F	1387-64173	Y		dead
8	7/2/92	Ready Bullion Cr., Douglas Is.	A	M	1807-41953	Y		?
9	7/28/92	Sarkar Lake, P.O.W. Island	J	M	1807-41954	Y		?
10	8/12/92	Big John Crk., Kupreanof Is.	J	F	1387-64174	N		?
11	8/12/92	Big John Crk., Kupreanof Is.	J	F	1387-64175	N		?
12	8/14/92	Falls Crk., Mitkof Island	I	M	1807-41955	N		?
13	9/8/92	Hungry Point, Mitkof Island*	I	F	1807-41961	Y		dead
14	6/29/93	Blueberry Hill, Douglas Island	A	F	1387-64177	Y	94,95,96,97,98	alive
15	6/29/93	Blueberry Hill, Douglas Island	A	M	1807-41956	Y	94,95,98	alive
16	7/1/93	Nugget Crk. Juneau	A	M	1807-41957	Y	94	?
17	7/6/93	Point Bridget, Juneau	A	F	1387-64178	Y	94	?
18	7/6/93	Point Bridget, Juneau	A	M	1387-64179	Y		?
19	7/13/93	Big John Crk., Kupreanof Is.	A	F	1387-64181	Y	94	?
20	7/13/93	Big John Crk., Kupreanof Is.	J	M	1807-41958	Y		dead
21	7/13/93	Big John Crk., Kupreanof Is.	A	M	1807-41962	Y		?
22	7/23/93	Eagle Crk., Douglas Island	A	F	1387-64182	Y	94,95,96,97,98	alive
23	7/23/93	Eagle Crk., Douglas Island	A	M	1807-41963	Y		?
24	7/28/93	Rowan Crk., Kuiu Island	A	F	1387-64183	Y	95,97,98,	alive
25	7/28/93	Rowan Crk., Kuiu Island	A	M	1807-41964	Y		dead
26	8/4/93	Logjam Crk., P.O.W. Island	A	M	1807-41965	Y		dead
27	8/4/93	Logjam Crk., P.O.W. Island	J	M	1807-41966	Y		?
28	8/9/93	Nugget Crk. Juneau	J	F	1387-64196	Y		?
29	8/9/93	Nugget Crk. Juneau	J	F	1387-64197	Y		?
30	8/13/93	Blueberry Hill, Douglas Island	J	F	1387-64198	Y		?
31	8/13/93	Eagle Crk., Douglas Island	J	M	1807-41967	Y		?
32	8/13/93	Eagle Crk., Douglas Island	J	M	1807-41968	Y		?
33	8/16/93	Rowan Crk., Kuiu Island	J	F	1387-64184	Y		dead
34	8/16/93	Point Bridget, Juneau	J	M	1807-41959	Y		?
35	8/16/93	Point Bridget, Juneau	J	M	1807-41960	Y		dead
36	8/17/93	Rowan Crk., Kuiu Island	J	F	1387-64185	Y		?
37	8/19/93	Big John Crk., Kupreanof Is.	J	F	1387-64180	Y		dead
38	12/28/93	Petersburg, Mitkof Island	A	M	1807-41969	Y		?
39	6/17/94	Butterball Lake, Heceta Island	A	M	1807-41970	Y		?
40	6/24/94	Fish Crk., Douglas Island	A	M	1807-41971	Y	95	dead
41	6/27/94	Lace River, Juneau Mainland	A	M	1807-41972	Y		?
42	7/1/94	East Bay of Pillars, Kuiu Is.	A	M	1807-41973	Y	95	dead
43	7/8/94	Mitchell Crk., Kupreanof Island	A	F	1387-64192	Y		?
44	7/8/94	Mitchell Crk., Kupreanof Island	J	F	1387-64194	N		?
45	7/10/94	Mountain Point, Kupreanof Is.	A	F	1387-64193	Y		dead
46	7/10/94	Mountain Point, Kupreanof Is.	A	M	1807-41974	Y		?
47	7/13/94	Cat Crk., Cape Fanshaw	A	F	1387-64195	Y		?

Table 5. Continued

#	Date	Location	Age	Sex	Band #	Tag?	Recapture?	Status
48	7/21/94	Traitors Crk., Revillagigedo Is.	A	F	1387-64200	Y	95	dead
49	7/27/94	Convenient Cove, Hassler Is.	J	F	1387-64201	Y		?
50	8/1/94	Butterball Lake, Heceta Island	J	F	1387-64202	Y		?
51	8/2/94	Fish Crk., Douglas Island	J	F	1387-64186	Y		?
52	8/2/94	Fish Crk., Douglas Island	J	F	1387-64187	Y		?
53	8/10/94	Mountain Point, Kupreanof Is.	J	F	1387-64199	Y		dead
54	8/11/94	Duncan Crk., Kupreanof Island	J	F	1387-64203	Y		dead
55	8/17/94	West Bay of Pillars, Kuiu Island	J	F	1387-64189	Y		?
56	11/9/94	Sunny Point, Juneau	I	F	1387-64190	Y		dead
57	12/31/94	Sunny Point, Juneau	I	M	1807-41976	Y	96,97,98	alive
58	2/3/95	Vallenar Point, Gravina Island	I	F	1807-41989	N		?
59	6/27/95	Traitors Crk., Revillagigedo Is.	A	M	1807-41975	Y		?
60	6/29/95	Roberts/Cutthroat Crk., P.O.W.	A	F	1387-64205	Y		dead
61	6/29/95	Roberts/Cutthroat Crk., P.O.W.	A	M	1807-41984	Y	96,97	alive
62	7/7/95	West Bay of Pillars, Kuiu Is.	A	F	1387-64206	Y		?
63	7/7/95	West Bay of Pillars, Kuiu Is.	A	M	1807-41985	Y		dead
64	7/9/95	Mitchell Crk., Kupreanof Island	A	M	1807-41986	Y		dead
65	7/27/95	Pavlof River, Chichagof Is.	J	F	1387-64191	Y		?
66	7/28/95	Pavlof River, Chichagof Is.	A	F	1387-84716	Y		?
67	8/1/95	Fish Creek, Douglas Island	J	F	1387-84717	Y		?
68	8/4/95	Whitestone, Chichagof Island	J	F	1387-84718	Y		?
69	8/8/95	Roberts/Cutthroat Crk., P.O.W.	J	F	1387-84701	Y		?
70	8/8/95	Roberts/Cutthroat Crk., P.O.W.	J	M	1807-41987	Y		?
71	8/11/95	Traitors Crk., Revillagigedo Is.	J	F	1807-57801	Y		?
72	8/16/95	Whitestone, Chichagof Island	A	F	1387-84719	Y		?
73	6/25/96	Margaret Lake, Revilla. Island	A	F	1387-84709	Y		alive
74	6/25/96	Margaret Lake, Revilla. Island	A	M	1807-41988	Y		?
75	7/1/96	Roberts/Cutthroat Crk., P.O.W.	A	F	1387-84710	Y	97	alive
76	7/11/96	Green Cove, Admiralty Island	A	M	1807-41977	Y		dead
77	7/15/96	Florence Bay, Chichagof Is.	A	M	1807-41978	Y		?
78	7/16/96	Florence Bay, Chichagof Is.	A	F	1387-84721	Y		?
79	7/24/96	Duffield Peninsula, Baranof Is.	J	F	1387-84720	N		?
80	7/24/96	Duffield Peninsula, Baranof Is.	J	M	1807-41979	N		?
81	7/25/96	Duffield Peninsula, Baranof Is.	J	F	1387-84722	Y		?
82	7/25/96	Florence Bay, Chichagof Is.	J	F	1387-84723	N		?
83	8/5/96	Margaret Lake, Revilla. Island	J	M	1807-41990	Y		?
84	8/7/96	Fish Creek, Douglas Island	J	M	1807-41980	Y		?
85	8/8/96	Roberts/Cutthroat Crk., P.O.W.	J	M	1807-41991	Y		?
86	12/7/96	Auk Bay, Juneau*	I	M	1807-41981	Y		?
87	5/29/97	Back Loop. Rd., Juneau *	I	M	1807-41982	N		?
88	6/25/97	Ready Bullion Crk., Douglas Is.	A	F	1387-84724	Y	98	alive
89	6/25/97	Ready Bullion Crk., Douglas Is.	A	M	1807-41983	Y	98	alive
90	6/27/97	Nugget Crk., Juneau	A	F	1387-84725	Y	98	?
91	7/2/97	Blueberry Hill, Douglas Island	A	F	1387-84726	Y	98	alive
92	7/3/97	Roberts/Cutthroat Crk., P.O.W..	A	F	1807-41992	Y		?
93	7/9/97	East Bay of Pillars, Kuiu Island	J	M	1807-41993	N		?
94	7/11/97	Green Cove, Admiralty Island	J	F	1387-84727	N		?

Table 5. Continued

#	Date	Location	Age	Sex	Band #	Tag?	Recapture?	Status
95	7/11/97	Green Cove, Admiralty Island	J	M	1807-57816	N		?
96	7/11/97	Green Cove, Admiralty Island	A	M	1807-57817	Y		alive
97	7/17/97	Camp Carl, Etolin Island	A	F	1807-41994	Y		alive
98	7/17/97	Camp Carl, Etolin Island	A	M	1807-57823	N		alive
99	7/22/97	Timber Knob, Heceta Island	J	F	1807-57824	N		?
100	7/23/97	Timber Knob, Heceta Island	J	F	1387-84712	N		?
101	7/24/97	Timber Knob, Heceta Island	J	M	1807-57825	N		?
102	7/26/97	Nugget Crk. Juneau	J	M	1807-57818	N		?
103	7/26/97	Nugget Crk. Juneau	J	M	1807-57819	N		?
104	7/31/97	Ready Bullion Crk., Douglas Is.	J	M	1807-57820	N		?
105	7/31/97	Ready Bullion Crk., Douglas Is.	J	M	1807-57821	N		?
106	8/7/97	Blueberry Hill, Douglas Island	J	F	1387-84729	Y		?
107	8/8/97	Fish Creek, Douglas Island	J	M	1807-57822	Y		alive
108	8/12/97	Margaret Lake, Revilla. Island	J	M	1807-57827	Y		?
109	8/14/97	Blueberry Hill, Douglas Island	J	M	1807-57835	N		?
110	6/17/98	Nugget Creek, Juneau Mainland	A	F	1387-84730	Y		alive
111	6/19/98	Auke Bay, Juneau Mainland	A	M	1807-57836	Y		alive
112	6/25/98	Timber Knob, Heceta Is.	A	F	1807-57828	Y		alive
113	6/25/98	Timber Knob, Heceta Is.	A	M	1807-57829	Y		alive
114	6/28/98	Tunehean Creek, Kuiu Is.	A	M	1807-57830	N		?
115	6/30/98	Elena Bay, Kuiu Is.	A	M	1807-57831	N		?
116	7/13/98	Fish Creek, Douglas Island	J	F	1387-84731	N		?
117	7/16/98	Ready Bullion Crk., Douglas Is.	J	M	1807-57837	N		?
118	7/17/98	Timber Knob, Heceta Is.	J	F	1807-41996	Y		?
119	7/17/98	Timber Knob, Heceta Is.	J	M	1807-41995	Y		?
120	7/17/98	Timber Knob, Heceta Is.	J	M	1807-41997	N		?
121	7/19/98	Mud Bay River, Chichagof Is.	J	M	1807-57838	N		?
122	7/27/98	Eagle River, Juneau Mainland	A	M	1807-57841	N		?
123	7/27/98	Eagle River, Juneau Mainland	J	M	1807-57840	N		?
124	7/27/98	Eagle River, Juneau Mainland	J	M	1807-57839	N		?
125	7/27/98	Eagle River, Juneau Mainland	J	F	1387-84732	N		?
126	7/29/98	Nugget Creek, Juneau Mainland	J	M	1807-57842	N		?
127	7/31/98	Point Bridget, Juneau Mainland	A	M	1807-57843	Y		alive
128	7/31/98	Point Bridget, Juneau Mainland	J	M	1807-57844	N		?
129	7/31/98	Point Bridget, Juneau Mainland	J	M	1807-57845	N		?
130	8/3/98	Margaret Lake, Revilla. Is.	J	F	1807-41998	Y		
131	8/6/98	Auke Bay, Juneau Mainland	J	F	1387-84746	Y		?
132	8/6/98	Auke Bay, Juneau Mainland	J	F	1387-84745	N		dead
133	8/14/98	Blueberry Hill, Douglas Island	J	M	1807-57846	N		?
134	9/19/98	SOB, Downtown Juneau*	I	F	1807-57847	N		?
135	11/28/98	Salmon Creek, Juneau*	I	F	1807-57848	N		?

* Goshawk found injured, then rehabilitated and released.

Table 6. Status of adult female goshawks captured and radiotagged in Southeast Alaska, 1992–98.

Adult Female	Capture Location	Band #	First Capt.	Recapt. (year)	12/98 Status	92	93	94	95	96	97	98	Comments
93NCAF	Sunny Point, Juneau	1387-02003	2/10/92	93, 94	D		T,N	N	D				banded 2/92;first tagged 6/93;died 2/95
92SLAF	Sarkar Lake, P.O.W. Is.	1387-64171	6/10/92	94	D	T,N	X	N	D				moved 27.1 km in 94, new mate. died 3/95
92RBAF	Ready Bull. Crk., Doug. Is.	1387-64173	7/2/92		D	T,N,S							backpack stationary 9/92, presumed dead
93BBAF	Blueberry Hill, Doug Is.	1387-64177	6/29/93	94,95,96 97, 98	A	T,N	N	N	N	N	N	N	moved 18.5 km in 96, new mates 96 & 97, 98 mate?
93PBAF	Point Bridget, Juneau	1387-64178	7/6/93	94	U		T,N	N,L	U	U	U	U	moved 24.5 km in 94, new mate. lost 10/94
93BJAF	Big John Crk., Kupr. Is.	1387-64181	7/13/93	94	U		T,N	N,L	U	U	U	U	moved 43.0 km in 94, new mate. lost 10/94
93ECAF	Eagle Crk., Doug. Is.	1387-64182	7/23/93	94,95,96, 97,98	A		T,N	N	N	N	N	N	moved 3.2 km in 94, new mates 94, & 96
93RNAF	Rowan Crk., Kuiu Is.	1387-64183	7/28/93	95,97,98	A		T,N	N	N	X	N	N	moved 11.2 km in 94; 14.4 km in 98; new in 94 & 98
94MCAF	Mitchell Crk., Kupr. Is.	1387-64192	7/8/94		U			T,N,L	U	U	U	U	lost 10/94, dropped tailmount
94MPAF	Mountain Pt. Kupr. Is.	1387-64193	7/10/94		D			T,N	D				died 4/95
94CCAF	Cat Crk., Cape Fanshaw	1387-64195	7/13/94		U			T,N,L	U	U	U	U	lost 8/94
94TRAF	Traitors River, Revilla.Is.	1387-64200	7/21/94	95	D			T,N	N	D			died 3/96
95RRAF	Rob./Cutthroat ,P.O.W.	1387-64205	6/29/95		D				T,N,	D			died 3/96
95WPAF	West Bay of Pillars, Kuiu	1387-64206	7/7/95	96	U				T,N	N,L	U	U	moved 28.8 km in 96, new mate. lost 2/97
95PRAF	Pavlof River, Chichagof Is.	1387-84716	7/28/95		U				T,N	X	X,L	U	tag expired, last relocatation 8/20/97
95WSAF	Whitestone, Chichagof Is.	1387-84719	8/16/95		U				T,N,L	N,L	U	U	tag failed 11/95, visual of female w/ failed tag 6/96
96MLAF	Margaret Lake, Revilla.Is.	1387-84709	6/25/96	97,98	A					T,N	N	N	moved 3.2 km in 97, same mate
96CTAF	Roberts/Cutthroat Creek, P.O.W. Island	1387-84710	7/1/96	97	A					T,N	N	N	moved 152 km in 97; 48 km in 98; new mates in 97 & 98
96FBAF	Florence Bay, Chichagof	1387-84721	7/16/96		U					T,N	S		backpack stationary in 4/97, presumed dead
97RBAF	Ready Bull. Crk., Doug. Is.	1387-84724	6/25/97	98	A						T,N	N	
97NCAF	Nugget Creek, Juneau	1387-84725	6/27/97	98	A						T,N	N	moved 12.2 km in 98, new mate in 98
97BBAF	Blueberry Hill, Douglas Is.	1387-84726	7/2/97	98	A						T,N	N	
97CTAF	Rob./Cutthroat ,P.O.W.	1807-41992	7/3/97		U						T,N	N	tag expired 7/98
97CEAF	Camp Carl, Etolin Island	1807-41994	7/18/97	98	A						T,N	A	
98NCAF	Nugget Creek, Juneau	1387-84730	6/17/98		A							T,N	
98TKAF	Timber Knob, Heceta Is.	1807-57828	6/25/98		A							T,N	

A = alive
D = dead
U = status unknown
T = first year radiotagged

N = nested this year
X = did not nest
S = stationary signal
L = signal lost

Table 7. Status of adult male goshawks captured and radiotagged in Southeast Alaska, 1992–98.

Adult male	Capture Location	Band #	First Capt.	Recapt. (year)	12/98 Status	92	93	94	95	96	97	98	comments
92SLAM	Sarkar Lake, P.O.W. Is.	1807-41951	6/10/92		D	T,N	D						died 3/93
92RBAM	Ready Bull. Crk., Doug. Is.	1807-41953	7/2/92		U	T,N,L	U	U	U	U	U	U	lost 9/92
93BBAM	Blueberry Hill, Doug. Is.	1807-41956	6/29/93	94,	A		T,N	N	N	X,L	N	N	radio failed 11/96, visual of male with failed tag in 5/97
93NCAM	Nugget Crk. Juneau	1807-41957	7/1/93	94	U		T,N	N	L	U	U	U	radio failed, lost 10/95
93PBAM	Point Bridget, Juneau	1387-64179	7/6/93		U		T,N	L	U	U	U	U	radio failed, lost 3/94
93BJAM	Big John Crk., Kup. Is.	1807-41962	7/13/93		U		T,N	L	U	U	U	U	lost 3/94
93ECAM	Eagle Crk., Doug. Is.	1807-41963	7/23/93		U		T,N	X, L	U	U	U	U	radio failed, lost 12/94
93RNAM	Rowan Crk., Kuiu Is.	1807-41964	7/28/93		D		T,N	X	D				died 3/95
93LJAM	Logjam Crk., P.O.W. Is.	1807-41965	8/4/93		D		T,N,D						died 11/93
93MIAM	Petersburg, Mitkof Is.	1807-41969	12/28/93		U		T	L	U	U	U	U	tagged 12/93, dropped tag 7/94
93HCAM	Butterball Lake, Heceta Is.	1807-41970	6/17/94		D			T,N	D				presumed dead 8/95
94FCAM	Fish Crk., Douglas Is.	1807-41971	6/24/94	95	D			T,N	N,D				died 10/95
94LRAM	Lace River, Juneau Main.	1807-41972	6/27/94		D			T,N	L	U	U	U	tag failed 10/95, breeding status in 95 uncertain
94EPAM	East Bay of Pillars, Kuiu Is.	1807-41973	7/1/94	95	D			T,N	N	D			died 4/96
94MPAM	Mountain Pt., Kup. Is.	1807-41974	7/10/94		U			T,N,L	U	U	U	U	lost 10/94
94SPJM	Sunny Point, Juneau	1807-41976	12/31/94	96,97,98	A			T	L	TN	N	N	tagged as imm. winter 94, recaptured & tagged in 96
95TRAM	Traitors River, Revilla. Is.	1807-41975	6/27/95		U				T,N	L	U	U	lost 1/96
95RRAM	Roberts/Cutthroat Creek, P.O.W. Island	1807-41984	6/29/95	96,97	U				T,N	N	N	N	moved 2.7 km in 96, 1.6 km in 97; 1.2 km in 98 new mates in 96, 97, 98
95WPAM	West Bay of Pillars, Kuiu Is.	1807-41985	7/7/95		D				T,N	D			died 4/96
95MCAM	Mitchell Crk., Kup. Is.	1807-41986	7/9/95		D				T,N	D			died 4/96
96MLAM	Margaret Lake, Revilla.Is.	1807-41988	6/25/96	97	U					T,N	N	N	moved 2 miles in 97, same mate all years
96GCAM	Green Cove, Admiralty Is.	1807-41977	7/11/96		D					T,N	D		died between 11/13/96 and 5/2/97
96FBAM	Florence Bay, Chichagof Is.	1807-41978	7/15/96		U					T,N,L	U	U	radio failed 8/96
97RBAM	Ready Bullion Crk., Doug.	1807-41983	6/25/97	98	A						T,N	N	
97GCAM	Green Cove, Admiralty Is.	1807-57817	7/11/97		U						T,N	L,U	dropped tailmount tag late 8-9/97
97CEAM	Camp Carl, Etolin Island	1807-41994	7/17/97		U						N	T,N	banded in 97, no radiotag; tagged in 98
98ABAM	Auke Bay, Juneau Main.	1807-57836	6/19/98		A							T,N	
98TKAM	Timber Knob, Heceta Is.	1807-57829	6/25/98		A							T,N	
98TCAM	Tunehean Creek, Kup. Is.	1807-57830	6/28/98		U							N	not tagged
98EBAM	Elena Bay, Kuiu Is.	1807-57831	6/30/98		U							T,N	not tagged
98ERAM	Eagle River, Juneau Main.	1807-57841	7/27/98		A							T,N	
98PBAM	Point Bridget, Juneau Main.	1807-57843	7/31/98		A							T,N	

A = alive
D = dead
U = status unknown
T = first year radiotagged
N = nested this year
X = did not nest
S = stationary signal
L = signal lost

Table 8. Hours recorded and prey deliveries documented by video cameras at five goshawk nests in Southeast Alaska during the 1998 breeding season.

Nest	Hours Recorded	Deliveries	Delivery Rate
Auke Bay, Juneau	811.13	225	0.2774
Blueberry Hill, Douglas Is.	405.54	126	0.3107
Cutthroat Creek, P.O.W. Is.	204.36	42	0.2055
Fish Creek, Douglas Is.	698.54	216	0.3092
Ready Bullion, Douglas Is.	520.17	150	0.2884
Total	**2639.74**	**759**	**0.2875 ($\bar{x}$)**