

APPENDIX 2  
SOURCES OF SUPPLEMENTAL DATA USED IN MUSSEL DISTRIBUTIONAL MAPS

Figure	Data sources
A1	Call (1885a); Scammon (1906); Grinnell (1942); Liechti and Huggins (1977); Dorsey (1998); D.J. George, pers. comm. (2008)
A2	NMNH 86193; Distler and Bleam (1987); K.J. Couch, pers. comm. (2008)
A3	Call (1885a, 1885c, 1886); Popenoe (1885); Scammon (1906); Grinnell (1942); Franzen and Leonard (1943); Leonard and Leonard (1946); Wedel (1959); Frazier (1977); Schuster (1979); Hacker (1980); Metcalf (1980); Claassen (1981); Cope (1981); Thies (1981); Hunter (1993); Distler and Bleam (1995); Obermeyer et al. (1995); Hoke (1996, 1997, 2004, 2005); Bergman (1998); Vanleeuwen and Arruda (2001); Combes (2003); Wolf and Stark (2005); Mosher (2006); R.E. Warren, pers. comm. (2008)
A4	Call (1885c); Scammon (1906); Schuster and DuBois (1979); D.J. George, pers. comm. (2008)
A5	Call (1885b, 1887); Miller and Hibbard (1972); Hoke (1996, 1997, 2004, 2005); Bergman (1998); Dorsey (1998); R.E. Warren, pers. comm. (2008)
A6	Cope (1979); Hoke (1996); Couch (1997); Obermeyer (2001a); T.J. Menard, pers. comm. (2008)
A7	(no supplemental data used in map)
A8	Call (1887); Murray and Leonard (1962); Obermeyer et al. (1995); Combes (2003); Wolf and Stark (2005); Mosher (2006)
A9	Call (1887); Cope (1979); Obermeyer et al. (1995); Wolf and Stark (2005); Mosher (2006)
A10	Call (1885c, 1887); Scammon (1906); Grinnell (1942); Wedel (1959); Thies (1981); Obermeyer et al. (1995); Wolf and Stark (2005); Mosher (2006); R.E. Warren, pers. comm. (2008)
A11	Baker (1909); Grinnell (1942); Franzen and Leonard (1943); Leonard and Leonard (1946); Wedel (1959); Miller and Hibbard (1972); Hacker (1980); Metcalf (1980); Claassen (1981); Cope (1981); Thies (1981); Distler and Bleam (1995); Obermeyer et al. (1995); Hoke (1996, 1997, 2004, 2005); Dorsey (1998); Vanleeuwen and Arruda (2001); Reed (2002); Combes (2003); Wolf and Stark (2005); Mosher (2006); R.E. Warren, pers. comm. (2008)
A12	(no supplemental data used in map)
A13	Call (1885a, 1885c); Scammon (1906); Grinnell (1942); Leonard and Leonard (1946); Kivett (1953); Wedel (1959); Miller (1970); Hacker (1980); Metcalf (1980); Thies (1981); Distler and Bleam (1995); Obermeyer et al. (1995); Hoke (1997, 2005); Dorsey (1998); Reed (2002); Wolf and Stark (2005); Mosher (2006); R.E. Warren, pers. comm. (2008)
A14	UMMZ 52426; Call (1886); Grinnell (1942); Branson (1966); Cope (1979); Thies (1981); Distler and Bleam (1995); Obermeyer et al. (1995, 1997); Wolf and Stark (2005); D.E. Bleam, pers. comm. (2008)
A15	Call (1885b, 1886, 1887); Popenoe (1885); Grinnell (1942); Franzen and Leonard (1943); Leonard and Leonard (1946); Wedel (1959); Murray and Leonard (1962); Miller and Hibbard (1972); Liechti and Huggins (1977); Hacker (1980); Metcalf (1980); Cope (1981); Obermeyer et al. (1995); Bleam and Distler (1996); Couch (1997); Obermeyer (2001b); Reed (2002); Hoke (2004); Mosher (2006); Warren and Holen (2007); R.E. Warren, pers. comm. (2008)
A16	Call (1885b, 1886, 1887); Popenoe (1885); Scammon (1906); Grinnell (1942); Franzen and Leonard (1943); Wedel (1959); Murray and Leonard (1962); Wilmeth (1970); Miller and Hibbard (1972); Frazier (1977); Schuster (1979); Hacker (1980); Metcalf (1980); Claassen (1981); Cope (1981); Thies (1981); Obermeyer et al. (1995); Hoke (1996, 1997, 2004, 2005); Bergman (1998); Dorsey (1998); Vanleeuwen and Arruda (2001); Dean et al. (2002); Reed (2002); Wolf and Stark (2005); Mosher (2006); R.E. Warren, pers. comm. (2008)
A17	Call (1885b, 1887); Popenoe (1885); Mead (1896); Grinnell (1942); Franzen and Leonard (1943); Kivett (1953); Wedel (1959); Murray and Leonard (1962); Miller (1970); Frazier (1977); Hacker (1980); Cope (1981); Hunter (1993); Distler and Bleam (1995); Obermeyer et al. (1995); Hoke (1996, 1997, 2004, 2005); Couch (1997); Bergman (1998); Dorsey (1998); Vanleeuwen and Arruda (2001); Reed (2002); Wolf and Stark (2005); Mosher (2006); Tiemann (2006); R.E. Warren, pers. comm. (2008)

## APPENDIX 2 (continued)

Figure	Data sources
A18	Call (1886, 1887); Grinnell (1942); Cope (1979); Metcalf (1980); Obermeyer et al. (1995); Combes (2003)
A19	Call (1885b, 1886, 1887); Grinnell (1942); Wedel (1959); Murray and Leonard (1962); Miller and Hibbard (1972); Frazier (1977); Schuster (1979); Hacker (1980); Claassen (1981); Cope (1981); Distler and Bleam (1995); Obermeyer et al. (1995); Couch (1997); Hoke (1997, 2005); Bergman (1998); Dorsey (1998); Vanleeuwen and Arruda (2001); Reed (2002); Combes (2003); Wolf and Stark (2005); Mosher (2006); Tiemann (2006); R.E. Warren, pers. comm. (2008)
A20	USNM (NMNH) 134446; Call (1885c); Scammon (1906); Grinnell (1942); Wedel (1959); Murray and Leonard (1962); Miller (1966); Frazier (1977); Cope (1979); Hacker (1980); Metcalf (1980); Thies (1981); Witty (1983); Obermeyer et al. (1995); Reed (2002); Sherraden et al. (2002); Combes (2003); Hoke (2005); Wolf and Stark (2005); R.E. Warren, pers. comm. (2008)
A21	Call (1885c, 1886, 1887); Popenoe (1885); Grinnell (1942); Leonard and Leonard (1946); Wedel (1959); Murray and Leonard (1962); Miller and Hibbard (1972); Frazier (1977); Schuster (1979); Hacker (1980); Metcalf (1980); Claassen (1981); Cope (1981); Distler and Bleam (1995); Obermeyer et al. (1995); Hoke (1996, 1997, 2004, 2005); Bergman (1998); Vanleeuwen and Arruda (2001); Reed (2002); U.S. Fish and Wildlife Service (2003); Mosher (2006); Tiemann (2006); D.E. Bleam, pers. comm. (2008)
A22	Call (1887); Grinnell (1942); Murray and Leonard (1962); Thies (1981); Obermeyer et al. (1995); Vanleeuwen and Arruda (2001); Wolf and Stark (2005); Mosher (2006)
A23	Call (1885c); Leonard and Leonard (1946); Obermeyer et al. (1995); Hacker (1980); Reed (2002); Combes (2003); Wolf and Stark (2005); Mosher (2006)
A24	UMMZ 107481; Call (1886); Scammon (1906); Kivett (1953); Distler and Bleam (1995); Hoke (1997, 2004, 2005)
A25	Call (1885a, 1885b, 1886, 1887); Scammon (1906); Baker (1909); Grinnell (1942); Wedel (1959); Murray and Leonard (1962); Branson (1966); Miller (1970); Liechti and Huggins (1977); Thies (1981); Obermeyer et al. (1995); Combes (2003); Hoke (2005); Wolf and Stark (2005); Mosher (2006); R.E. Warren, pers. comm. (2008)
A26	Call (1885b, 1886); Popenoe (1885); Scammon (1906); Grinnell (1942); Franzen and Leonard (1943); Liechti and Huggins (1977); Obermeyer et al. (1995); Bergman (1998); Dorsey (1998); Combes (2003); Hoke (2004, 2005); Wolf and Stark (2005); Tiemann (2006); Mosher (2006); R.E. Warren, pers. comm. (2008)
A27	Popenoe (1885); Scammon (1906); Murray and Leonard (1962); Miller and Hibbard (1972); Hacker (1980); Metcalf (1980); Claassen (1981); Cope (1981); Distler and Bleam (1995); Obermeyer et al. (1995); Hoke (1996, 1997, 2004, 2005); Bergman (1998); Dorsey (1998); Reed (2002); Mosher (2006)
A28	Call (1885c, 1886); Leonard and Leonard (1946); Wedel (1959); Murray and Leonard (1962); Hacker (1980); Metcalf (1980); Claassen (1981); Cope (1981); Hunter (1993); Distler and Bleam (1995); Obermeyer et al. (1995); Reed (2002); Combes (2003); Mosher (2006)
A29	UMMZ 154036; Call (1885b, 1886); Frazier (1977); Cope (1979); Metcalf (1980); Obermeyer et al. (1995); Mosher (2006)
A30	Call (1885c, 1887); Popenoe (1885); Grinnell (1942); Leonard (1943); Leonard and Leonard (1946); Wedel (1959); Hibbard and Taylor (1960); Murray and Leonard (1962); Miller and Hibbard (1972); Hacker (1980); Metcalf (1980); Claassen (1981); Cope (1981); Hunter (1993); Obermeyer et al. (1995); Bleam and Distler (1996); Hoke (1996, 1997, 2004, 2005); Bergman (1998); Dorsey (1998); Vanleeuwen and Arruda (2001); Reed (2002); Sherraden et al. (2002); Wolf and Stark (2005); R.E. Warren, pers. comm. (2008)
A31	Call (1885c); Cope (1979); Thies (1981); Obermeyer et al. (1995); Mulhern et al. (2002)
A32	Thies (1981); Obermeyer et al. (1995); Vanleeuwen and Arruda (2001); Mosher (2006)
A33	Branson (1966); Cope (1979, 1983, 1985); Obermeyer et al. (1995); Vanleeuwen and Arruda (2001); Mosher (2006)
A34	Call (1885a, 1887); Grinnell (1942); Leonard and Leonard (1946); Wedel (1959); Miller and Hibbard (1972); Frazier (1977); Hacker (1980); Claassen (1981); Cope (1981); Distler and Bleam (1995); Hoke (1997, 2005); Dorsey (1998); Metcalf (1980); Obermeyer et al. (1995); Bergman (1998); Vanleeuwen and Arruda (2001); Reed (2002); Wolf and Stark (2005); Mosher (2006); R.E. Warren, pers. comm. (2008)

## APPENDIX 2 (continued)

Figure	Data sources
A35	Call (1885b, 1885c); Grinnell (1942); Leonard and Leonard (1946); Kivett (1953); Wedel (1959); Hibbard and Taylor (1960); Miller (1970); Miller and Hibbard (1972); Frazier (1977); Schuster (1979); Hacker (1980); Metcalf (1980); Claassen (1981); Cope (1981); Distler and Bleam (1995); Obermeyer et al. (1995); Hoke (1997, 2004, 2005); Bergman (1998); Dorsey (1998); Vanleeuwen and Arruda (2001); Reed (2002); Wolf and Stark (2005); Mosher (2006); Tiemann (2006); R.E. Warren, pers. comm. (2008)
A36	Call (1885c, 1886, 1887); Popenoe (1885); Grinnell (1942); Franzen and Leonard (1943); Wedel (1959); Murray and Leonard (1962); Miller (1970); Liechti and Huggins (1977); Angelo (1978); Hacker (1980); Metcalf (1980); Cope (1981); Distler and Bleam (1995); Obermeyer et al. (1995); Bleam and Distler (1996); Hoke (1996, 1997, 2004, 2005); Dorsey (1998); Reed (2002); Wolf and Stark (2005); Mosher (2006); D.E. Bleam, pers. comm. (2008); R.E. Warren, pers. comm. (2008)
A37	Call (1885c, 1887); Popenoe (1885); Grinnell (1942); Wedel (1959); Murray and Leonard (1962); Miller and Hibbard (1972); Frazier (1977); Hacker (1980); Metcalf (1980); Cope (1981); Obermeyer et al. (1995); Hoke (1997, 2004, 2005); Bergman (1998); Dorsey (1998); Reed (2002); Combes (2003); U.S. Fish and Wildlife Service (2003); D.E. Bleam, pers. comm. (2008); R.E. Warren, pers. comm. (2008)
A38	UMMZ 73321; Call (1887); Scammon (1906); Grinnell (1942); Franzen and Leonard (1943); Leonard and Leonard (1946); Miller and Hibbard (1972); Schuster (1979); Hacker (1980); Metcalf (1980); Cope (1981); Witty (1983); Distler and Bleam (1995); Obermeyer et al. (1995); Hoke (1997, 2004, 2005); Bergman (1998); Dorsey (1998); Langley (2000); Vanleeuwen and Arruda (2001); Reed (2002); Wolf and Stark (2005); Mosher (2006); Tiemann (2006); R.E. Warren, pers. comm. (2008)
A39	Call (1885a, 1886, 1887); Popenoe (1885); Baker (1909); Murray and Leonard (1962); Liechti and Huggins (1977); Hacker (1980); Witty (1983); Distler and Bleam (1995); Obermeyer et al. (1995); Couch (1997); Combes (2003); Hoke (2005); Wolf and Stark (2005); Mosher (2006); Tiemann (2006)
A40	Call (1885a, 1885c, 1886, 1887); Popenoe (1885); Scammon (1906); Grinnell (1942); Leonard and Leonard (1946); Wedel (1959); Murray and Leonard (1962); Hacker (1980); Witty (1983); Obermeyer et al. (1995); Hoke (1996, 2004); Reed (2002); Wolf and Stark (2005); Mosher (2006); D.E. Bleam, pers. comm. (2008)
A41	Call (1885a); Grinnell (1942); Leonard (1943); Leonard and Leonard (1946); Wedel (1959); Murray and Leonard (1962); Miller and Hibbard (1972); Frazier (1977); Schuster (1979); Hacker (1980); Metcalf (1980); Claassen (1981); Cope (1981); Witty (1983); Obermeyer et al. (1995); Hoke (1996, 1997, 2004, 2005); Couch (1997); Bergman (1998); Dorsey (1998); Vanleeuwen and Arruda (2001); Reed (2002); U.S. Fish and Wildlife Service (2003); Wolf and Stark (2005); Tiemann (2006); D.E. Bleam, pers. comm. (2008); R.E. Warren, pers. comm. (2008)
A42	Call (1887); Murray and Leonard (1962); Liechti and Huggins (1977); Hacker (1980); Metcalf (1980); Claassen (1981); Cope (1981, 1983); Hunter (1993); Bleam and Distler (1996); Hoke (1997, 2005); Bergman (1998); Obermeyer et al. (1995); Obermeyer (2001b); Sherraden et al. (2002); Combes (2003); U.S. Fish and Wildlife Service (2003); Mosher (2006); D.E. Bleam, pers. comm. (2008); M.K. Butler, pers. comm. (2008)
A43	FLMNH 269897; Call (1886); Scammon (1906); DuBois (1981); Mosher (2006)
A44 (1)	Bleam and Distler (1996)
A44 (2)	Mulhern et al. (2002)
A44 (3)	Scammon (1906)
A44 (4)	Hoke (1996)
A44 (5)	UMMZ 75811; Call (1885b, 1885c, 1886, 1887); Popenoe (1885); Isely (1925); Cope (1985); Bleam et al. (1998); Hoke (2004, 2005); K.J. Couch, pers. comm. (2008); B.R. Freske, pers. comm. (2008)
A45	Hunter (1993); Obermeyer et al. (1995); Hoke (1997, 2005); Bergman (1998); Reed (2002); Wolf and Stark (2005)
A46	(no supplemental data used in map)