SUPPORTING INFORMATION:

The table below lists the dietary information used in the analyses of the proportions of plant material consumed by waterfowl species (**Fig. 5a** & **Fig. 5b**). The symbol – indicates data not available.

Group	Species	Waterfowl mass (g)	Herbivory (% of total diet by dry mass)	Vegetative tissue consumption (% of plant material in diet)	Seed consumption (% of plant material in diet)	Reference
Dabbling Ducks	*Anas dicors*	397.3	13.8	-	-	Swanson & Bartonek, 1970
Dabbling Ducks	*Anas platyrhynchos* (♂)	1240.0	89.9	-	-	Combs & Fredrickson, 1996
Dabbling Ducks	*Anas platyrhynchos* (♀)	1080.0	91.7	-	-	Gruenhagen & Fredrickson, 1990
Dabbling Ducks	*Anas platyrhynchos*	1160.0	69.1	-	-	Dabbert & Martin, 2000
Dabbling Ducks	*Anas platyrhynchos*	1160.0	98.6	5.6	93.0	Allen, 1980
Dabbling Ducks	*Anas platyrhynchos*	1160.0	97.0	-	-	Delnicke & Reinecke, 1986
Dabbling Ducks	*Anas platyrhynchos*	1160.0	99.9	0.0	93.1	Miller *et al.*, 2009
Dabbling Ducks	*Anas platyrhynchos*	1160.0	94.4	0.0	100.0	Miller *et al.*, 2009
Dabbling Ducks	*Anas acuta*	951.0	99.9	0.0	98.4	Miller *et al.*, 2009
Dabbling Ducks	*Anas acuta*	951.0	99.2	0.0	100.0	Miller *et al.*, 2009
Dabbling Ducks	*Anas acuta*	951.0	49.5	-	-	Euliss et al., 1991
Dabbling Ducks	*Anas acuta*	951.0	84.9	21.8	78.2	Miller, 1987
Dabbling Ducks	*Anas erythrorhyncha*	567.5	94.1	-	-	Petrie, 1996
Dabbling Ducks	*Dendrocygna autumnalis*	827.5	98.6	-	-	Kramer & Euliss, 1986
Dabbling Ducks	*Dendrocygna autumnalis*	827.5	92.0	-	-	Bolen & Forsyth, 1967
Dabbling Ducks	*Dendrocygna autumnalis*	827.5	97.0	-	-	Bourne, 1981
Dabbling Ducks	*Dendrocygna autumnalis*	827.5	97.0	-	-	Bruzual & Bruzual, 1983
Dabbling Ducks	*Anas clypeata*	606.5	50.0	53.3	39.1	Tietje & Teer, 1996
Dabbling Ducks	*Anas clypeata*	606.5	20.0	47.4	47.4	Tietje & Teer, 1996
Dabbling Ducks	*Anas clypeata*	606.5	7.5	-	-	Euliss *et al.*, 1991
Dabbling Ducks	*Dendrocygna bicolor*	744.7	97.7	1.8	97.8	Hohman *et al.*, 1996
Dabbling Ducks	*Dendrocygna viduata*	625.5	97.4	0.0	100.0	Petrie, 2005
Dabbling Ducks	*Dendrocygna arborea*	1024	100	-	-	Danforth, 1929
Dabbling Ducks	*Dendrocygna arborea*	1024	100	-	-	Staus, 1998
Dabbling Ducks	*Anas crecca*	754.5	99.9	-	-	Owen & Thomas, 1979
Dabbling Ducks	*Anas strepera*	744.4	99.1	82.6	0.02	McKnight & Hepp, 1998
Dabbling Ducks	*Aix sponsa*	675.5	97.1	3.7	93.4	Allen, 1980
Dabbling Ducks	*Aix sponsa*	675.5	95.0	-	-	Coulter, 1957
Dabbling Ducks	*Aix sponsa*	675.5	90.8	-	-	Coulter, 1955

Dabbling Ducks	*Cairina moschata*	2140.0	66.0	0.0	100.0	Woodward & Bolen, 1984
Dabbling Ducks	*Cairina moschata*	2141.0	100.0	-	-	Kear, 2005
Dabbling Ducks	*Amazonetta brasiliensis*	407.5	90.6	-	-	Madriz, 1983
Dabbling Ducks	*Anas rubripes*	1203.5	21.0	7.2	70.7	Reinecke & Owen, 1980
Dabbling Ducks	*Anas cyanoptera*	377.5	39.6	4.9	95.1	Gammonley, 1995
Diving Ducks	*Aythya ferina*	828.0	18.0	-	-	Sekiya *et al.*, 2000
Diving Ducks	*Aythya fuligula*	765.5	25.0	-	-	Sekiya *et al.*, 2000
Diving Ducks	*Oxyura jamaicensis*	579.5	9.8	-	-	Euliss *et al.*, 1991
Diving Ducks	*Oxyura jamaicensis*	579.5	38.2	-	-	Hoppe *et al.*, 1986
Diving Ducks	*Oxyura jamaicensis*	579.5	9.3	20.4	55.0	Woodin & Swanson, 1989
Diving Ducks	*Aythya valisineria* (♀)	1185.0	37.2	0.8	10.8	Noyes & Jarvis, 1985
Diving Ducks	*Aythya americana*	1021.5	62.4	74.3	21.3	Noyes & Jarvis, 1985
Diving Ducks	*Aythya americana*	1021.5	37.5	35.9	61.0	Woodin & Swanson, 1989
Diving Ducks	*Bucephala clangula*	981.8	65.0	-	-	Jones & Drobney, 1986
Diving Ducks	*Aythya marila*	1201.0	44.6	-	-	Badzinski & Petrie, 2006
Diving Ducks	*Aythya marila*	1201.0	22.3	-	-	Badzinski & Petrie, 2006
Diving Ducks	*Aythya marila*	1201.0	72.0	-	-	Jones & Drobney, 1986
Diving Ducks	*Aythya affinis*	814.0	71.5	0.0	100.0	Strand *et al.*, 2008
Diving Ducks	*Aythya affinis*	814.0	22.0	-	-	Badzinski & Petrie, 2006
Diving Ducks	*Aythya affinis*	814.0	13.7	-	-	Badzinski & Petrie, 2006
Diving Ducks	*Aythya affinis*	814.0	46.4	-	-	Badzinski & Petrie, 2006
Diving Ducks	*Aythya affinis*	814.0	81.0	-	-	Jones & Drobney, 1986
Diving Ducks	*Aythya affinis*	814.0	12.0	-	-	Hoppe *et al.*, 1986
Diving Ducks	*Aythya affinis*	814.0	23.0	0.0	100.0	Gammonley & Heitmeyer, 1990
Diving Ducks	*Aythya collaris*	709.0	44.0	19.3	56.8	Hohman, 1985
Diving Ducks	*Aythya collaris*	709.0	62.4	-	-	Hoppe *et al.*, 1986
Diving Ducks	*Bucephala albeola*	407.5	34.0	0.0	100.0	Gammonley & Heitmeyer, 1990
Geese	*Anser albifrons*	2315.0	100.0	91.1	0.0	Owen, 1976
Geese	*Anser albifrons*	2315.0	98.7	-	-	Budeau *et al.*, 1991
Geese	*Branta canadensis*	3300.0	100.0	59.3	15.4	Cadieux *et al.*, 2005
Geese	*Branta canadensis*	3300.0	100.0	-	-	Craven & Hunt, 1984
Geese	*Anser anser*	3481.5	100.0	19.8	0.0	Amat *et al.*, 1991
Geese	*Anser anser*	3481.5	97.9	71.0	25.0	Middleton & van der Valk, 1987
Geese	*Anser indicus*	2014.0	99.3	68.1	30.4	Middleton & van der Valk, 1987
Geese	*Chen caerulescens*	2500.0	91.7	79.7	0.0	Gloutney *et al.*, 2001
Geese	*Chen rossii*	1589.5	95.2	100.0	0.0	Gloutney *et al.*, 2001
Geese	*Anser erythropus*	2125.0	100.0	-	-	Markkola *et al.*, 2003
Geese	*Branta sandvicensis*	2047.5	99.0	-	-	Baldwin, 1947
Geese	*Branta sandvicensis*	2047.5	100.0	-	-	Black *et al.*, 1994

Geese	*Anser brachyrhynchus*	2500.0	100.0	-	-	Fox *et al.*, 2006
Swans	*Cygnus olor*	10350.0	99.0	89.4	1.8	Bailey *et al.*, 2008
Swans	*Cygnus melancoryphus*	4700.0	100.0	-	-	Corti & Schlatter, 2002
Swans	*Cygnus columbianus*	6750.0	98.7	-	-	Kear, 2005
Swans	*Cygnus columbianus*	6750.0	98.0	95.7	4.3	Earnst & Rothe, 2004
Swans	*Cygnus buccinator*	10785.0	99.9	-	-	Grant *et al.*, 1995
Swans	*Cygnus buccinator*	10785.0	100.0	76.1	2.0	Squires & Anderson, 1995
Swans	*Cygnus atratus*	5500.0	99.0	-	-	Kear, 2005
Rails	*Porphyrula martinica*	258.0	56.4	3.2	58.0	Tarano *et al.*, 1995
Rail	*Gallinula chloropus galeata*	270.0	55.0	1.1	69.5	Beltzer *et al.*, 1991
Rail	*Gallinula chloropus galeata*	270.0	55.0	1.0	97.0	Beltzer *et al.*, 1991
Rail	*Gallinula chloropus galeata*	270.0	55.0	0.7	98.6	Beltzer *et al.*, 1991
Rail	*Fulica americana*	900.0	97.0	-	-	Eichhorst,1989
Rail	*Fulica americana*	900.0	99.9	-	-	Stollberg, 1949
Rail	*Fulica atra*	800.0	84.1	-	-	Taylor, 1998
Rail	*Fulica atra*	800.0	63.5	-	-	Taylor, 1998
Rail	*Rallus elegans*	396.9	21.0	-	-	Meanley, 1956
Rail	*Rallus longirostris*	312.5	12.0	-	-	Taylor, 1998
Rail	*Porphyrio martinica*	218.3	71.0	-	-	Taylor, 1998
Rail	*Porphyrio marinica*	218.3	73.0	-	-	Taylor, 1998
Rail	*Porphyrio martinica*	218.3	58.0	-	-	Taylor, 1998
Rail	*Porphyrio porphyrio*	796.5	90.7	-	-	Taylor, 1998
Rail	*Fulica cristata*	737.0	97.4	-	-	Taylor, 1998
Rail	*Laterallus albigularis*	44.0	90.0	-	-	Taylor, 1998
Rail	*Coturnicops notatus*	30.0	80.0	-	-	Taylor, 1998
Sheldgeese	*Alopochen aegyptiacus*	2110.0	100.0	1.0	99.0	Halse, 1984
Sheldgeese	*Chloëphaga picta*	2930.0	100.0	-	-	Summers & Grieve, 1982
Sheldgeese	*Chloëphaga picta*	2930.0	100.0	80.3	13.9	Weller, 1975
Sheldgeese	*Chloëphaga rubidiceps*	1575.0	100.0	-	-	Summers & Grieve, 1982
Sheldgeese	*Plectropterus gambensis*	4439.0	98.0	-	-	Kear, 2005
Sheldgeese	*Tadorna radjah*	886.5	5.0	-	-	Kear, 2005

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